

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133366.D
 Acq On : 12 May 2023 13:15
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/15/2023

Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 12 14:52:50 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu May 11 16:40:17 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	221102	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	876499	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	463461	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	825879	20.000	ng	0.00
76) Chrysene-d12	13.874	240	511324	20.000	ng	0.00
86) Perylene-d12	15.292	264	428886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1125581	76.902	ng	0.00
7) Phenol-d6	6.369	99	1405748	77.379	ng	0.00
23) Nitrobenzene-d5	7.292	82	1229656	75.725	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	345209	74.064	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2025841	73.129	ng	0.00
79) Terphenyl-d14	12.827	244	2210607	74.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.357	88	260266	38.336	ng	97
3) Pyridine	3.051	79	705563	39.129	ng	96
4) n-Nitrosodimethylamine	3.022	42	336227	36.000	ng	98
6) Aniline	6.387	93	884777	37.813	ng	# 70
8) 2-Chlorophenol	6.510	128	584582	39.337	ng	93
9) Benzaldehyde	6.269	77	332880	39.566	ng	98
10) Phenol	6.381	94	735255	36.686	ng	75
11) bis(2-Chloroethyl)ether	6.463	93	563365	37.459	ng	96
12) 1,3-Dichlorobenzene	6.663	146	607994	38.481	ng	97
13) 1,4-Dichlorobenzene	6.739	146	613961	38.773	ng	98
14) 1,2-Dichlorobenzene	6.892	146	572692	39.229	ng	97
15) Benzyl Alcohol	6.869	79	467416	37.247	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	879787	33.680	ng	93
17) 2-Methylphenol	6.987	107	522451	38.393	ng	99
18) Hexachloroethane	7.234	117	211415	38.402	ng	99
19) n-Nitroso-di-n-propyla...	7.145	70	384465	33.993	ng	94
20) 3+4-Methylphenols	7.145	107	622478	38.843	ng	# 71
22) Acetophenone	7.139	105	772103	38.028	ng	# 97
24) Nitrobenzene	7.310	77	621639	37.779	ng	99
25) Isophorone	7.545	82	1157701	37.550	ng	98
26) 2-Nitrophenol	7.622	139	336770	42.432	ng	98
27) 2,4-Dimethylphenol	7.669	122	525501	38.614	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	683417	37.469	ng	99
29) 2,4-Dichlorophenol	7.869	162	496657	40.088	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	497810	38.786	ng	99
31) Naphthalene	8.028	128	1693955	38.655	ng	99
32) Benzoic acid	7.804	122	299010m	35.570	ng	
33) 4-Chloroaniline	8.081	127	742850	41.955	ng	100
34) Hexachlorobutadiene	8.145	225	268877	37.797	ng	100
35) Caprolactam	8.463	113	179804	43.202	ng	87
36) 4-Chloro-3-methylphenol	8.569	107	532757	39.877	ng	96
37) 2-Methylnaphthalene	8.716	142	1163425	38.832	ng	98
38) 1-Methylnaphthalene	8.816	142	1082063	38.608	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	461536	37.038	ng	99
41) Hexachlorocyclopentadiene	8.875	237	249955	34.394	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	325520	37.773	ng	97

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Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 12 14:52:50 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu May 11 16:40:17 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	374692	37.594	ng	96
46) 1,1'-Biphenyl	9.186	154	1357976	36.951	ng	98
47) 2-Chloronaphthalene	9.204	162	1003919	37.322	ng	98
48) 2-Nitroaniline	9.304	65	349027	39.261	ng	95
49) Acenaphthylene	9.622	152	1618987	37.668	ng	100
50) Dimethylphthalate	9.486	163	1260866	39.016	ng	99
51) 2,6-Dinitrotoluene	9.551	165	291926	40.135	ng	# 84
52) Acenaphthene	9.792	154	1090238m	37.874	ng	
53) 3-Nitroaniline	9.722	138	352284	40.734	ng	97
54) 2,4-Dinitrophenol	9.822	184	133363	36.477	ng	# 90
55) Dibenzofuran	9.963	168	1453206	37.008	ng	97
56) 4-Nitrophenol	9.886	139	256988	38.366	ng	90
57) 2,4-Dinitrotoluene	9.951	165	378251	40.778	ng	97
58) Fluorene	10.310	166	1096950	38.130	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	291930	37.782	ng	98
60) Diethylphthalate	10.186	149	1165396	38.179	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	512622	36.565	ng	94
62) 4-Nitroaniline	10.333	138	349128	43.923	ng	99
63) Azobenzene	10.463	77	1171700	36.235	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	207803	41.512	ng	84
66) n-Nitrosodiphenylamine	10.422	169	1013371	37.827	ng	98
67) 4-Bromophenyl-phenylether	10.786	248	331459	37.005	ng	94
68) Hexachlorobenzene	10.857	284	339541	36.994	ng	99
69) Atrazine	10.951	200	301675	39.081	ng	96
70) Pentachlorophenol	11.051	266	236865	36.236	ng	98
71) Phenanthrene	11.269	178	1642609	37.005	ng	100
72) Anthracene	11.316	178	1737650	38.252	ng	99
73) Carbazole	11.474	167	1567915	38.762	ng	99
74) Di-n-butylphthalate	11.804	149	1808623	39.511	ng	99
75) Fluoranthene	12.451	202	1697075	38.095	ng	99
77) Benzidine	12.574	184	428070	49.506	ng	# 94
78) Pyrene	12.680	202	1736449	39.616	ng	99
80) Butylbenzylphthalate	13.298	149	730459	47.066	ng	94
81) Benzo(a)anthracene	13.868	228	1274135	36.236	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	389773	40.127	ng	99
83) Chrysene	13.904	228	1283196	36.503	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	793641	40.741	ng	100
85) Di-n-octyl phthalate	14.474	149	1200302	37.789	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1112727	45.611	ng	99
88) Benzo(b)fluoranthene	14.892	252	1065782	39.061	ng	99
89) Benzo(k)fluoranthene	14.915	252	984934	36.415	ng	98
90) Benzo(a)pyrene	15.233	252	970066	39.060	ng	99
91) Dibenzo(a,h)anthracene	16.686	278	914223	44.931	ng	98
92) Benzo(g,h,i)perylene	17.092	276	952328	47.408	ng	96

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

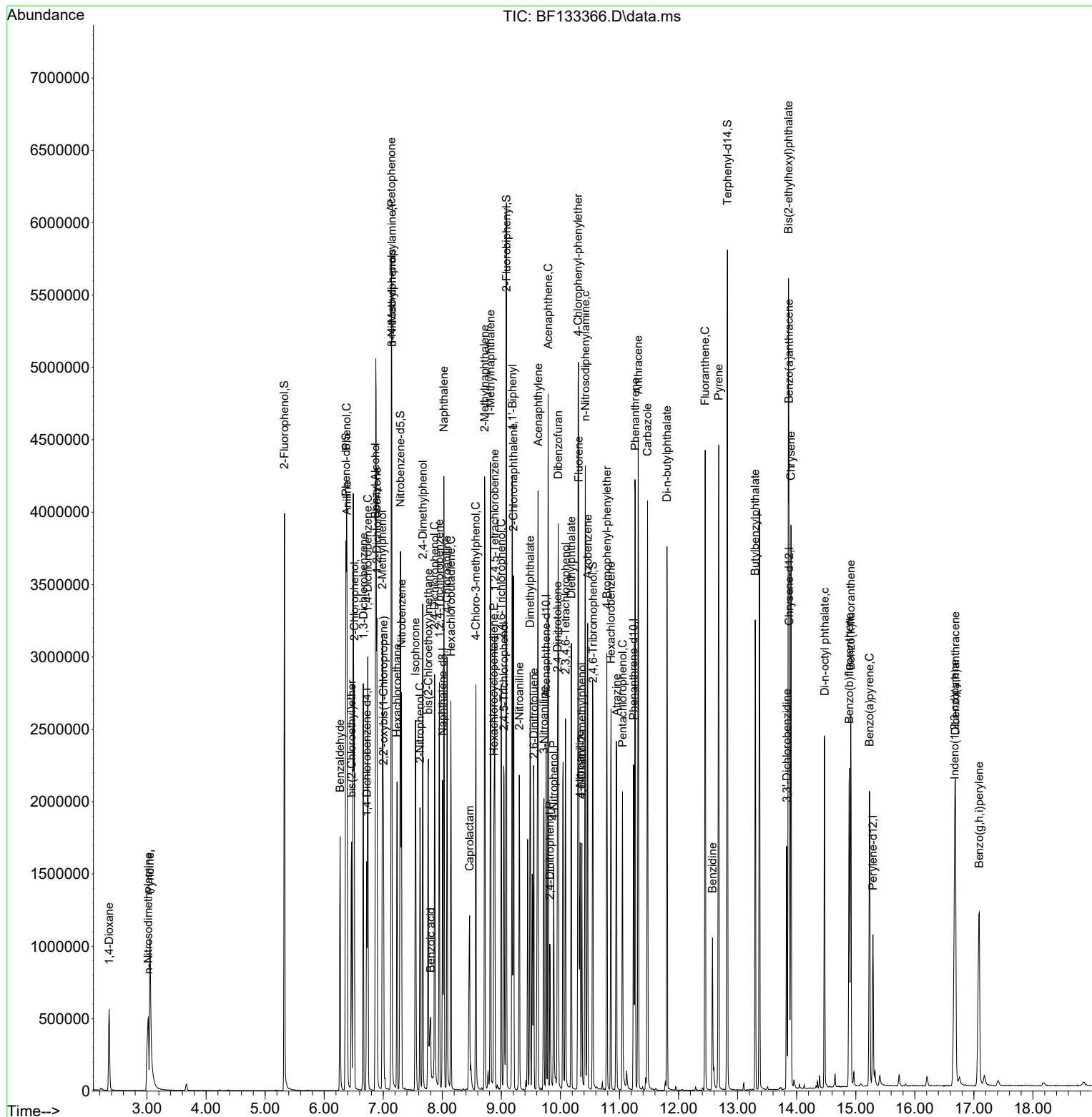
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
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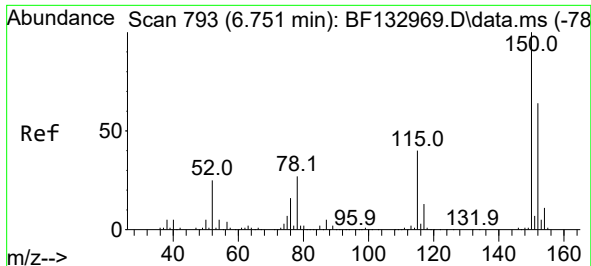
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 12 14:52:50 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

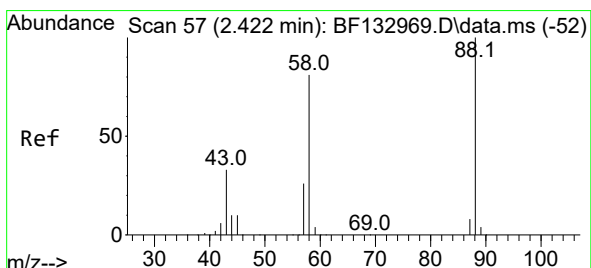
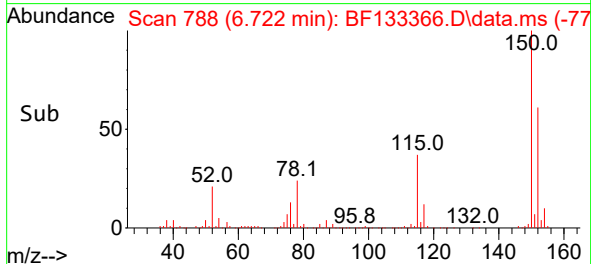
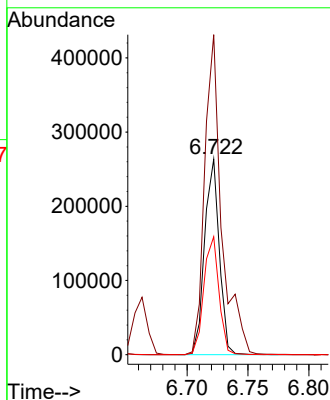
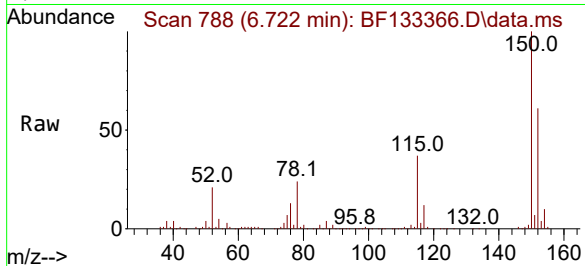
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 22110
Ion Ratio Lower Upper
152 100
150 163.6 124.8 187.2
115 60.3 49.9 74.9

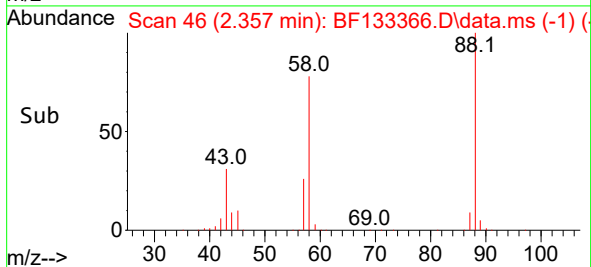
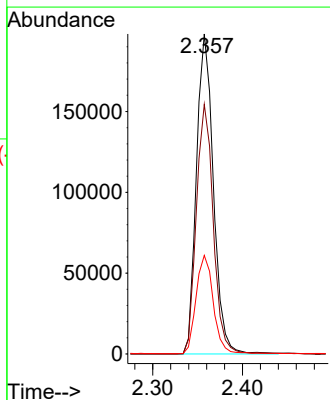
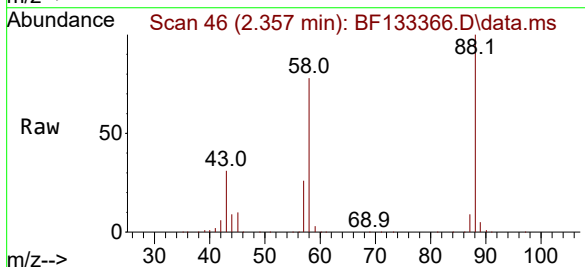
Manual Integrations
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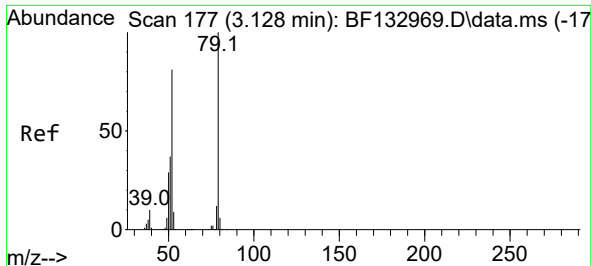
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 38.336 ng
RT: 2.357 min Scan# 46
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

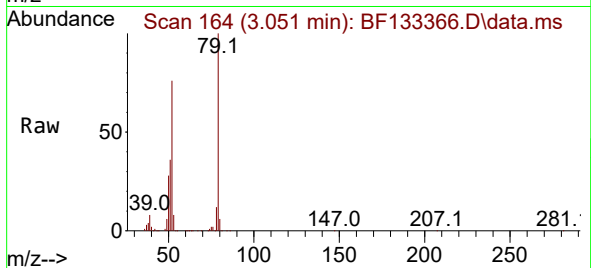
Tgt Ion: 88 Resp: 260266
Ion Ratio Lower Upper
88 100
58 78.1 64.7 97.1
43 31.3 26.2 39.2





#3
Pyridine
Concen: 39.129 ng
RT: 3.051 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

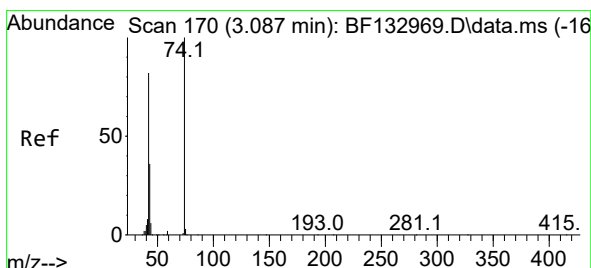
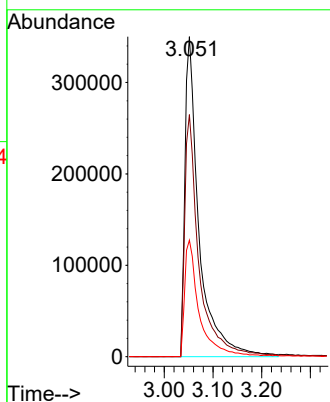
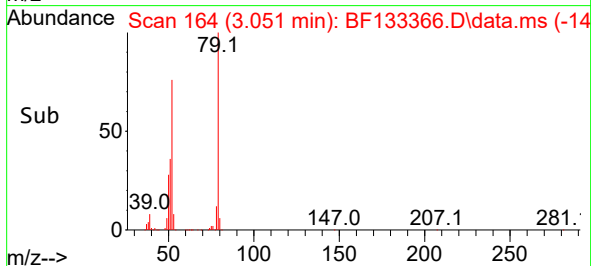
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



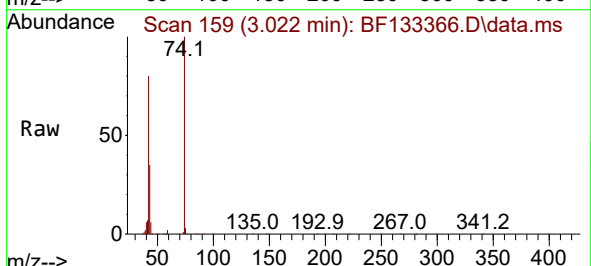
Tgt Ion: 79 Resp: 70556
Ion Ratio Lower Upper
79 100
52 75.7 64.6 96.8
51 36.4 30.0 45.0

Manual Integrations
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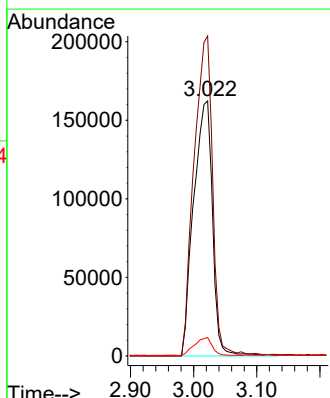
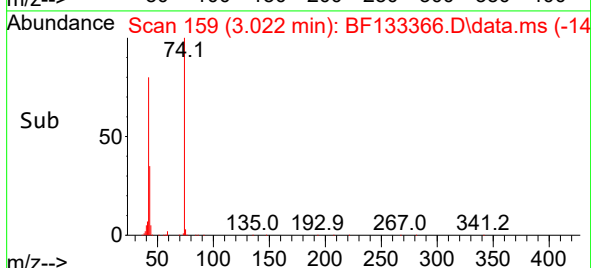
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

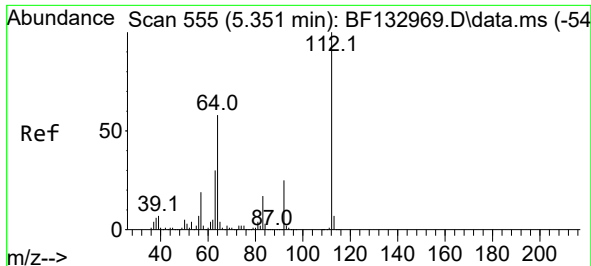


#4
n-Nitrosodimethylamine
Concen: 36.000 ng
RT: 3.022 min Scan# 159
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



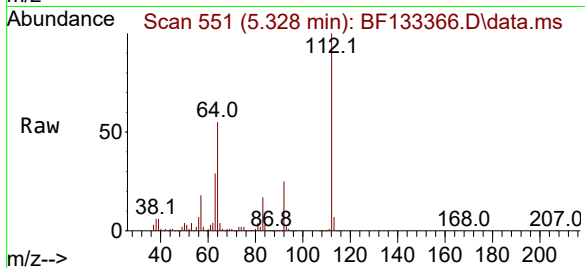
Tgt Ion: 42 Resp: 336227
Ion Ratio Lower Upper
42 100
74 125.5 98.0 147.0
44 7.2 5.8 8.8





#5
2-Fluorophenol
Concen: 76.902 ng
RT: 5.328 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

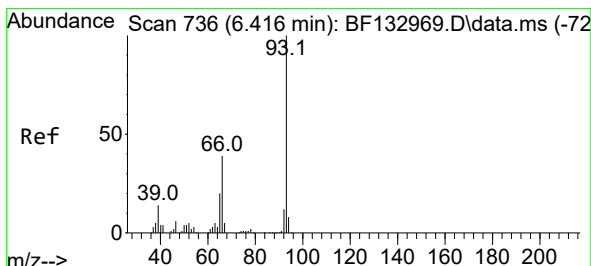
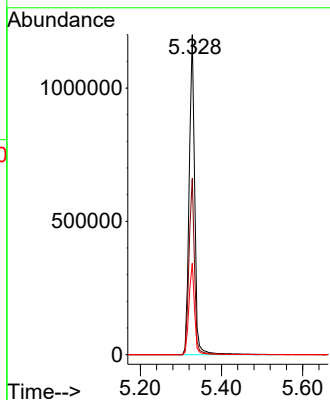
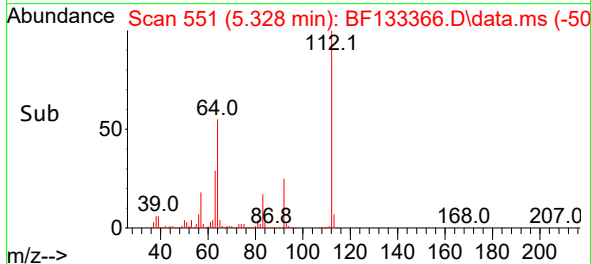
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 112558
Ion Ratio Lower Upper
112 100
64 55.1 46.8 70.2
63 28.6 23.8 35.8

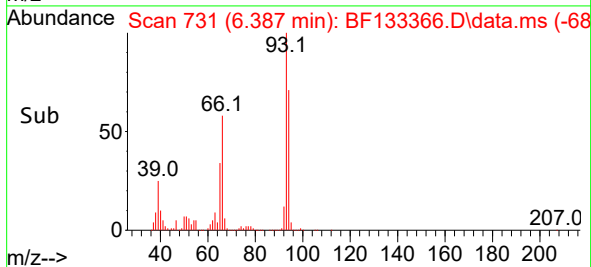
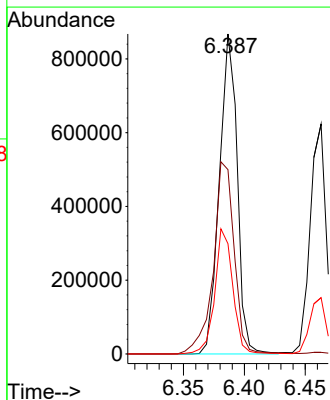
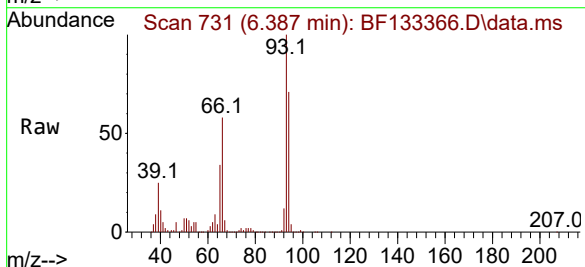
Manual Integrations
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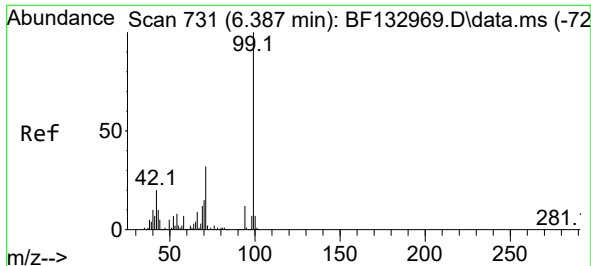
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 37.813 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion: 93 Resp: 884777
Ion Ratio Lower Upper
93 100
66 57.6 31.5 47.3#
65 34.4 16.4 24.6#





#7

Phenol-d6

Concen: 77.379 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 140574

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

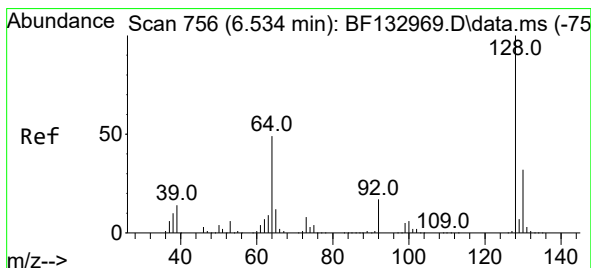
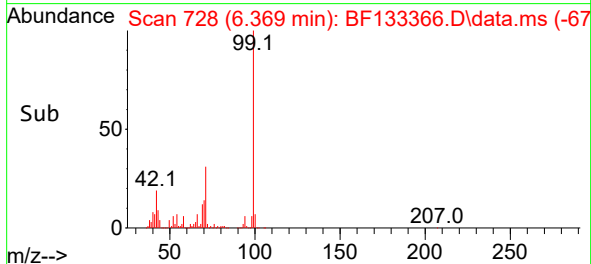
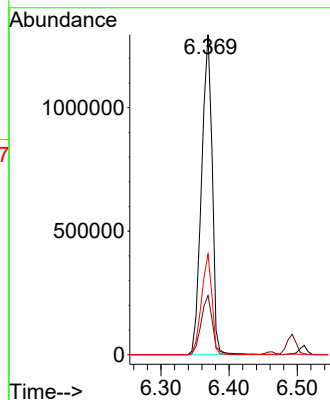
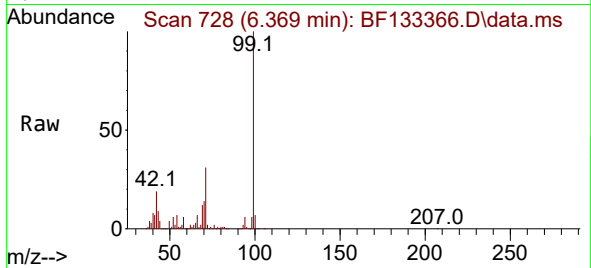
71 31.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#8

2-Chlorophenol

Concen: 39.337 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

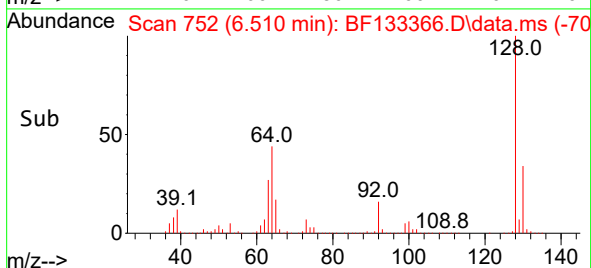
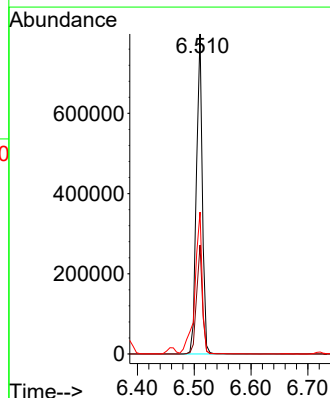
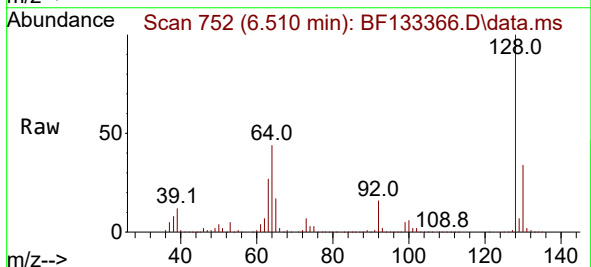
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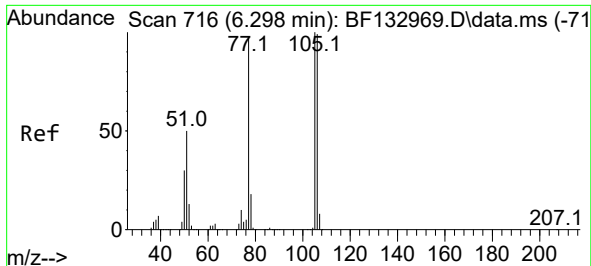
Ion Ratio Lower Upper

128 100

130 34.1 12.2 52.2

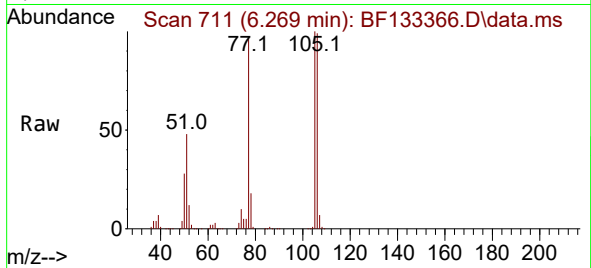
64 44.3 30.3 70.3





#9
Benzaldehyde
Concen: 39.566 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

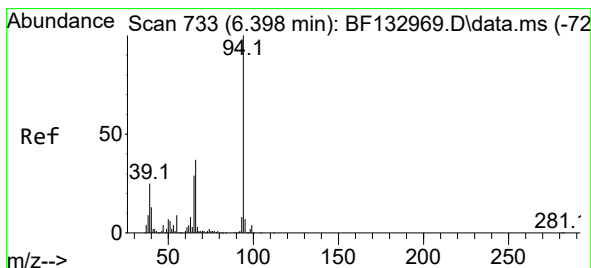
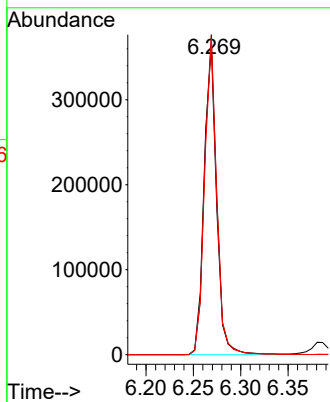
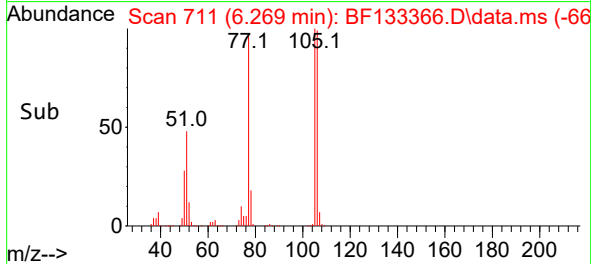
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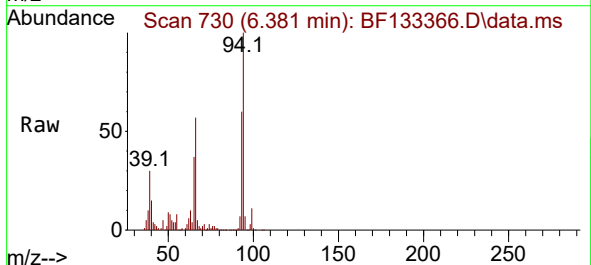
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Ion Ratio Lower Upper
77 100
105 103.7 82.3 122.3
106 102.4 80.8 120.8

Manual Integrations
APPROVED

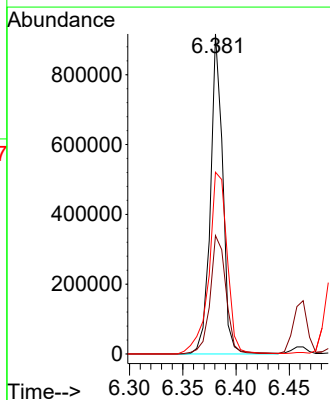
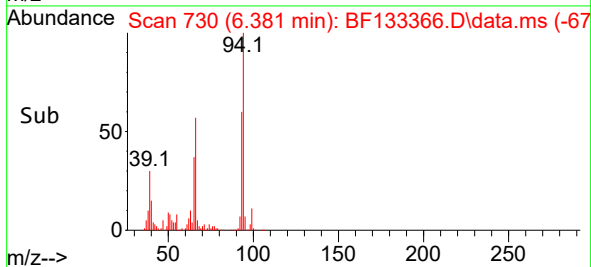
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

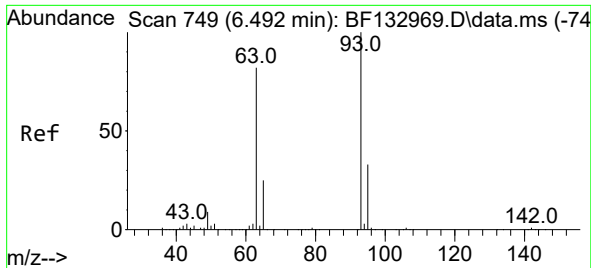


#10
Phenol
Concen: 36.686 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion: 94 Resp: 735255
Ion Ratio Lower Upper
94 100
65 37.0 8.6 48.6
66 56.8 17.3 57.3





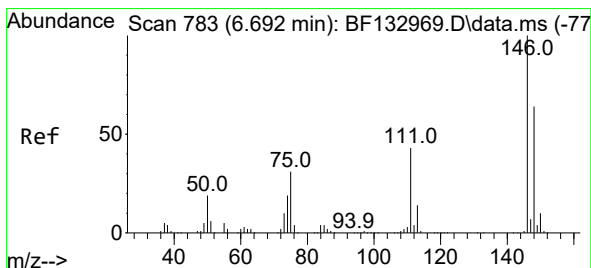
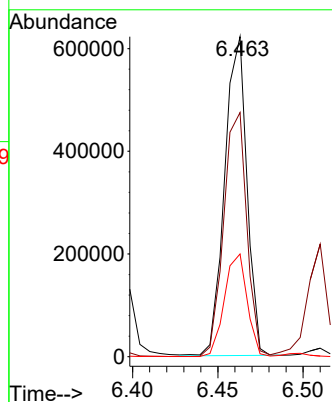
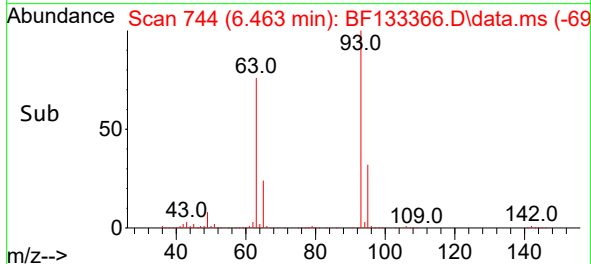
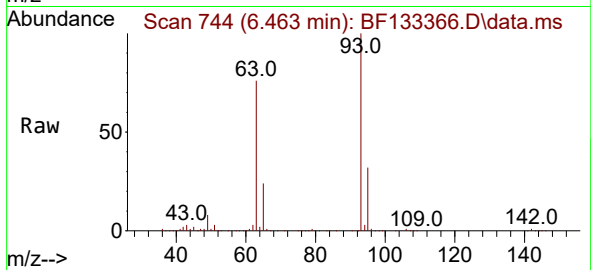
#11
bis(2-Chloroethyl)ether
Concen: 37.459 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 563368
Ion Ratio Lower Upper
93 100
63 76.3 60.6 100.6
95 32.1 12.9 52.9

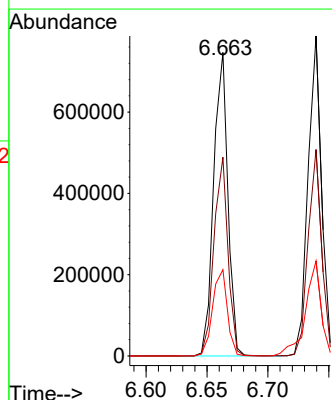
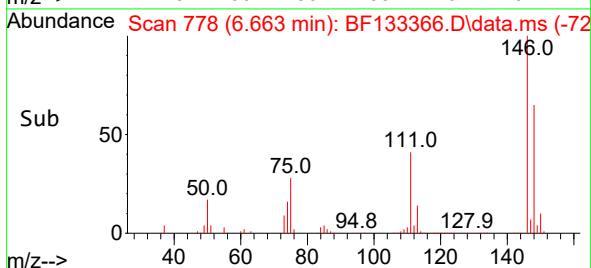
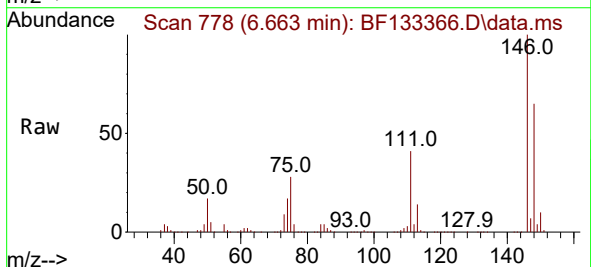
Manual Integrations
APPROVED

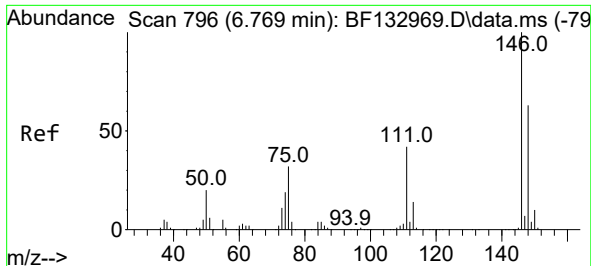
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 38.481 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:146 Resp: 607994
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 28.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.773 ng

RT: 6.739 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 61396

Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

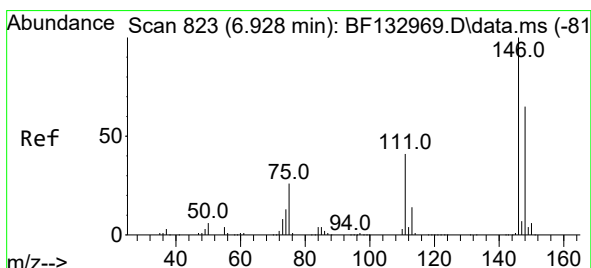
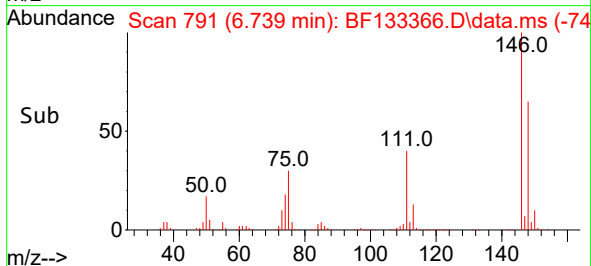
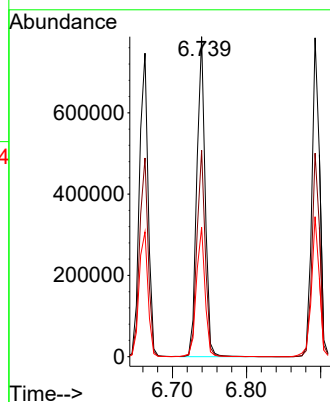
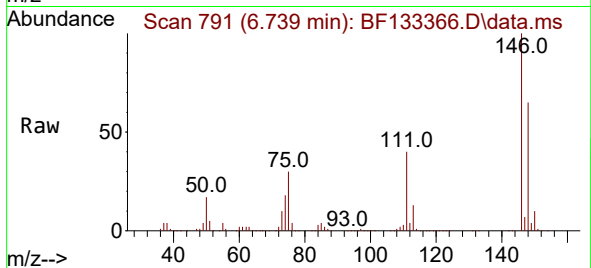
111 40.4 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#14

1,2-Dichlorobenzene

Concen: 39.229 ng

RT: 6.892 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

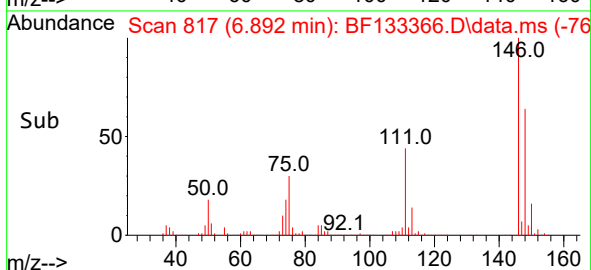
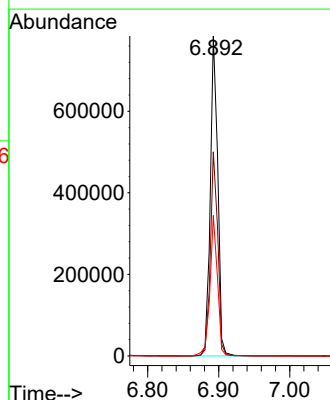
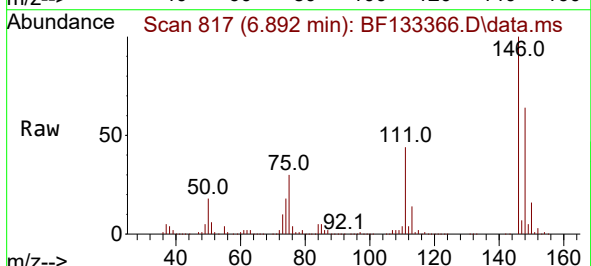
Tgt Ion:146 Resp: 572692

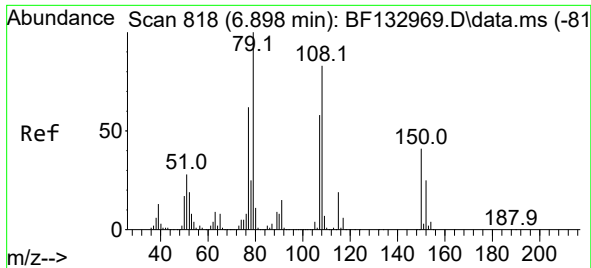
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

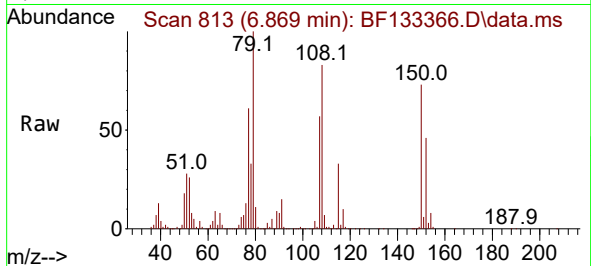
111 43.9 32.8 49.2





#15
Benzyl Alcohol
Concen: 37.247 ng
RT: 6.869 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

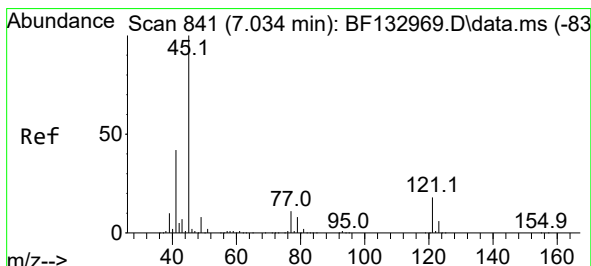
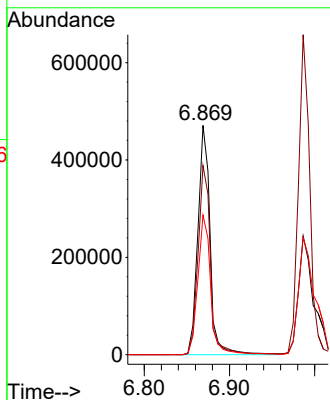
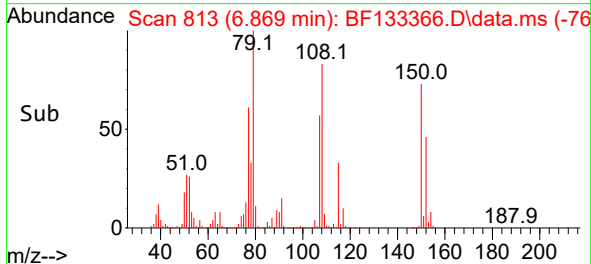
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



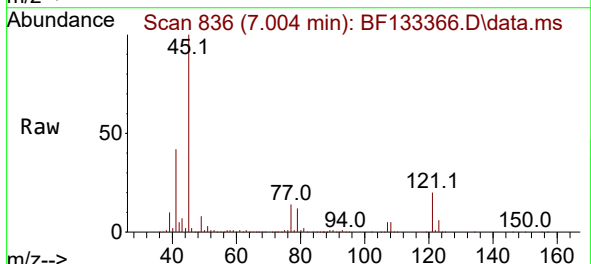
Tgt Ion: 79 Resp: 467410
Ion Ratio Lower Upper
79 100
108 82.5 66.6 99.8
77 60.9 49.2 73.8

Manual Integrations
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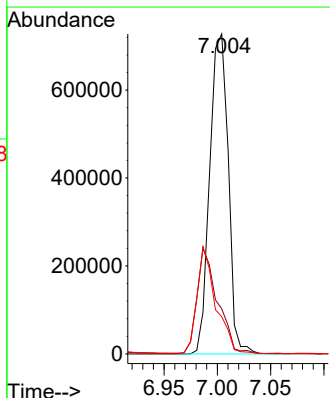
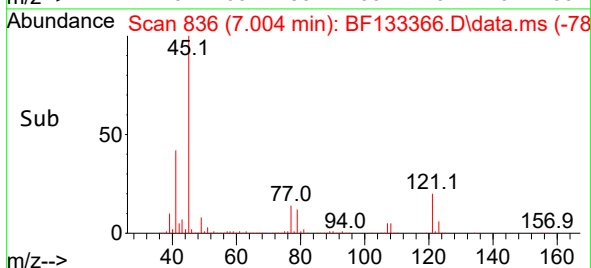
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

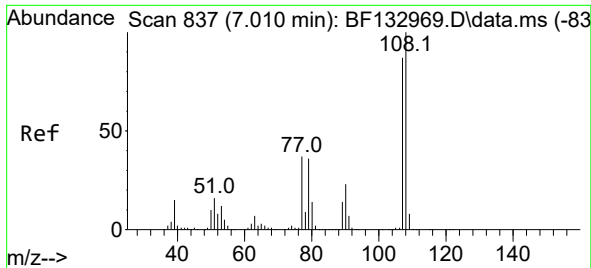


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.680 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion: 45 Resp: 879787
Ion Ratio Lower Upper
45 100
77 14.1 0.0 31.5
79 11.7 0.0 28.7





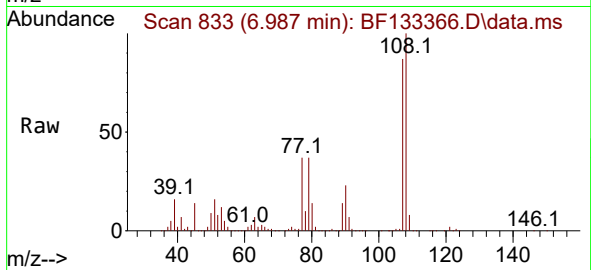
#17
2-Methylphenol
Concen: 38.393 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

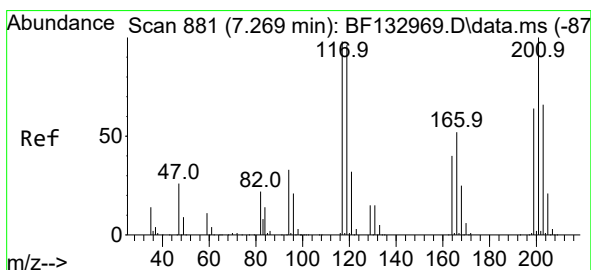
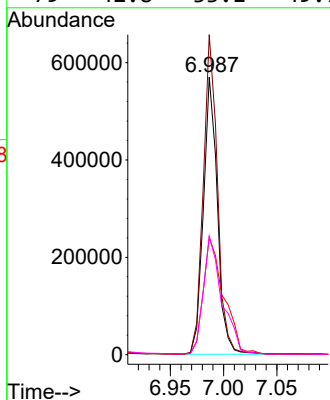
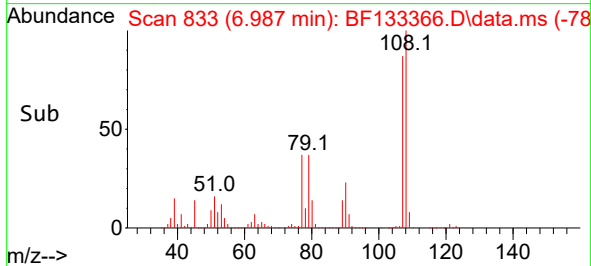


Tgt Ion:107 Resp: 52245
Ion Ratio Lower Upper
107 100
108 115.3 92.4 138.6
77 42.2 33.8 50.8
79 42.8 33.1 49.7

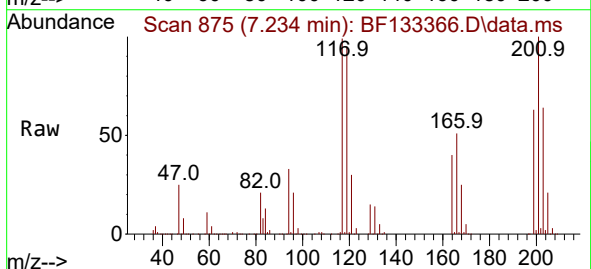
Manual Integrations

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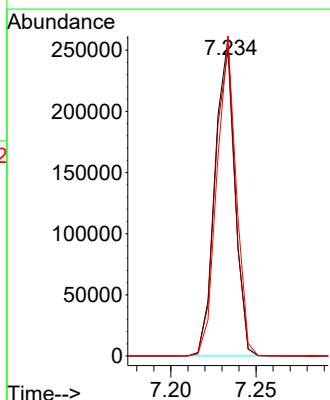
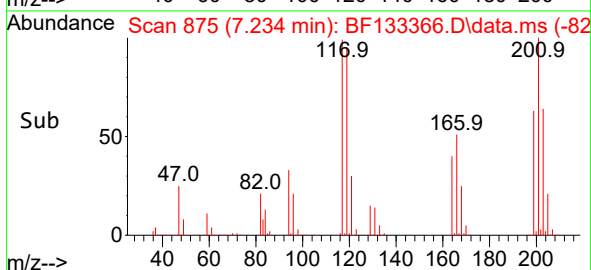
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

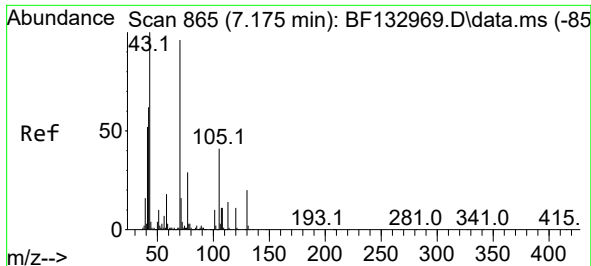


#18
Hexachloroethane
Concen: 38.402 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



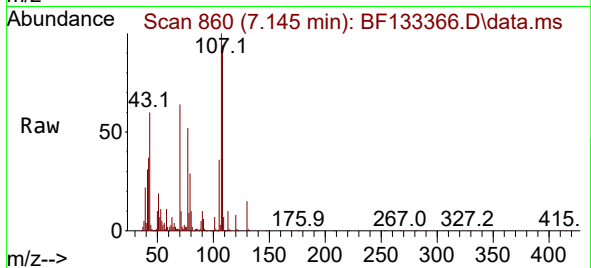
Tgt Ion:117 Resp: 211415
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.4
201 100.8 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.993 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

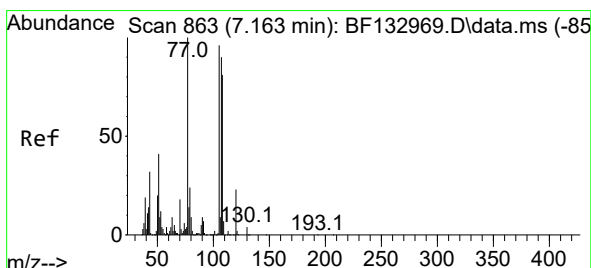
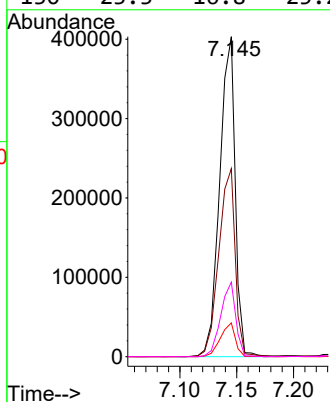
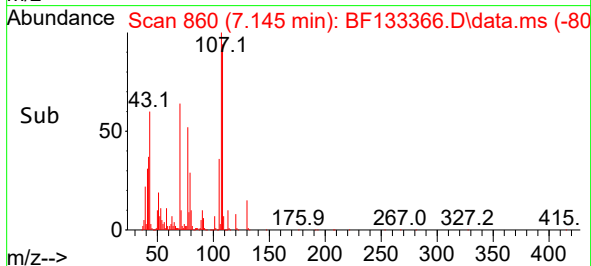
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



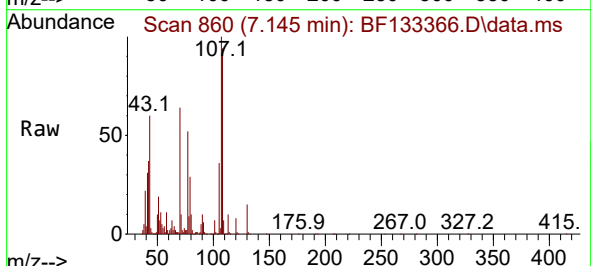
Tgt Ion: 70 Resp: 38446
Ion Ratio Lower Upper
70 100
42 58.7 51.8 77.6
101 10.6 8.0 12.0
130 23.3 16.8 25.2

Manual Integrations
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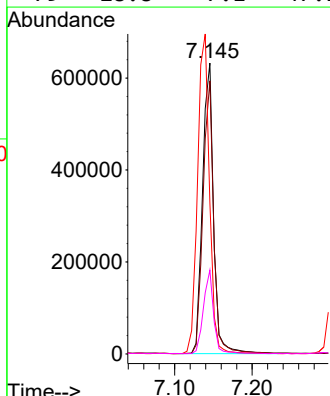
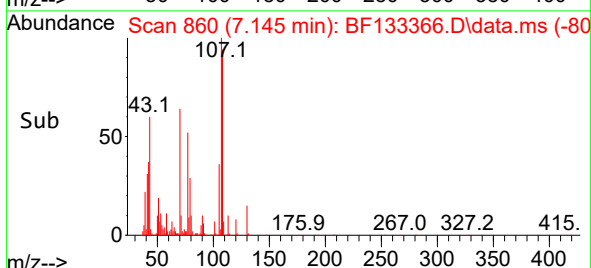
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

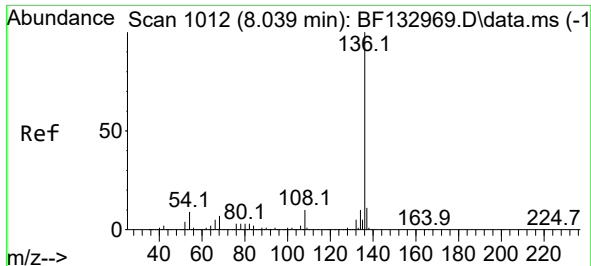


#20
3+4-Methylphenols
Concen: 38.843 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:107 Resp: 622478
Ion Ratio Lower Upper
107 100
108 93.9 70.5 110.5
77 52.0 91.7 131.7#
79 28.8 7.1 47.1





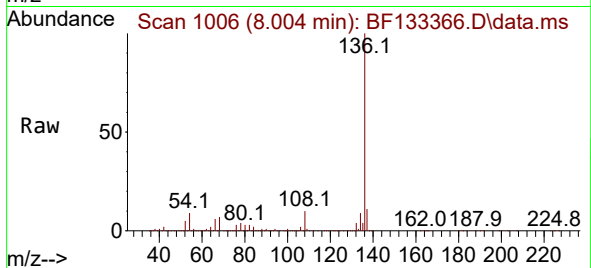
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

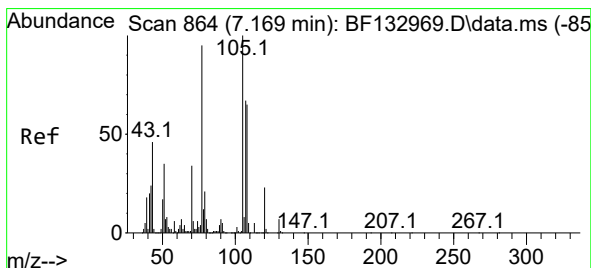
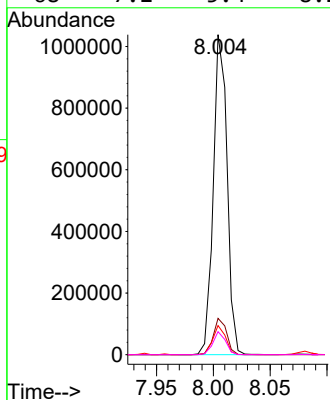
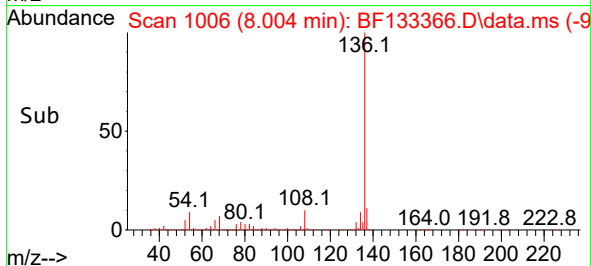


Tgt Ion:136 Resp: 876499
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.1 7.0 10.4
68 7.2 5.4 8.2

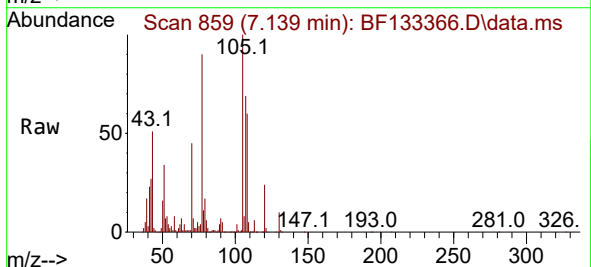
Manual Integrations

APPROVED

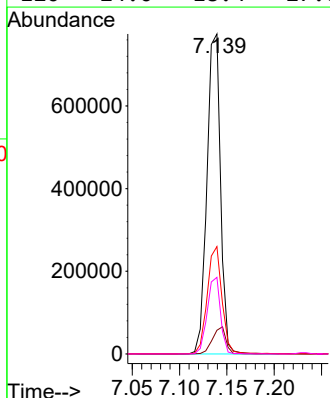
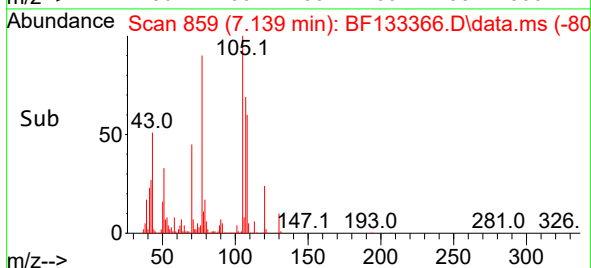
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

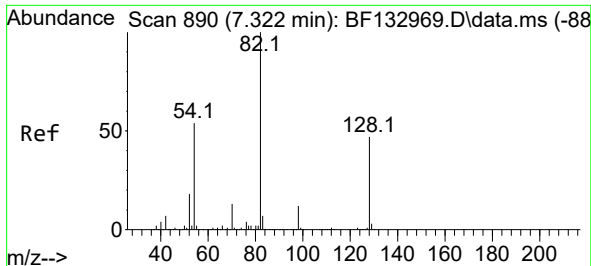


#22
Acetophenone
Concen: 38.028 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:105 Resp: 772103
Ion Ratio Lower Upper
105 100
71 7.4 4.6 7.0#
51 33.5 28.2 42.2
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 75.725 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 122965

Ion Ratio Lower Upper

82 100

128 49.0 37.7 56.5

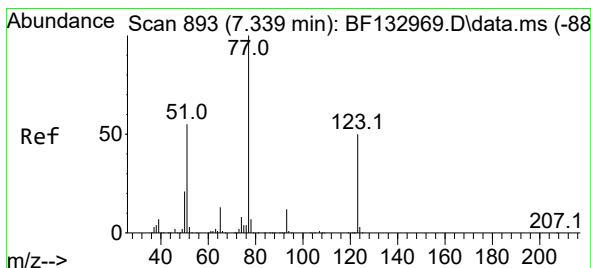
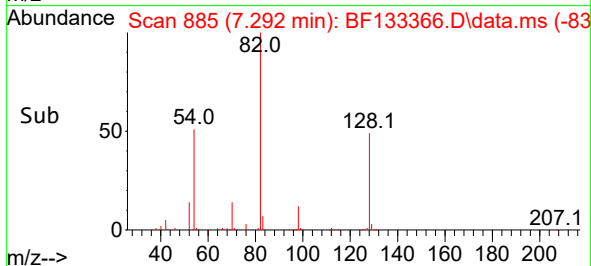
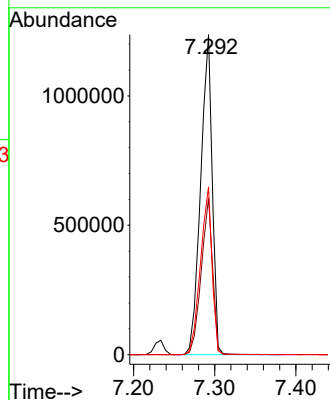
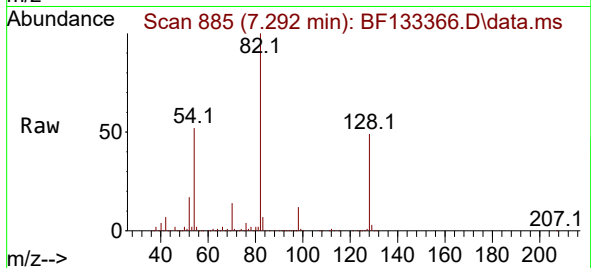
54 52.5 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#24

Nitrobenzene

Concen: 37.779 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

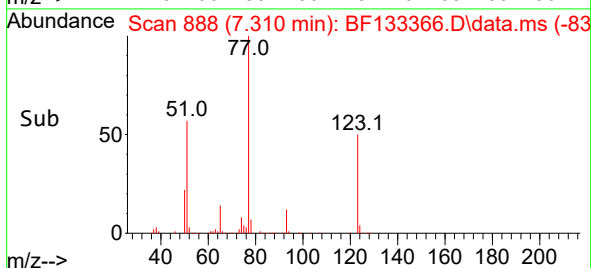
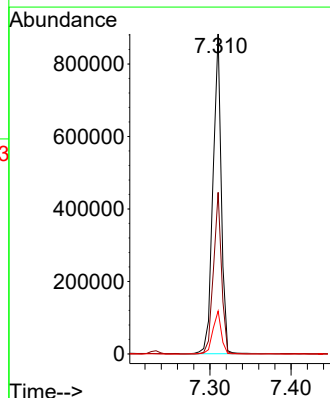
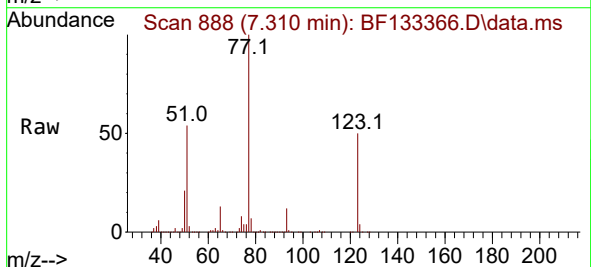
Tgt Ion: 77 Resp: 621639

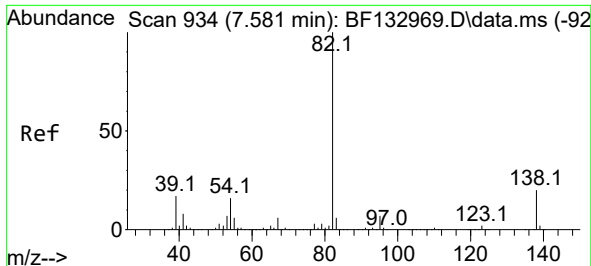
Ion Ratio Lower Upper

77 100

123 50.5 39.9 59.9

65 13.4 10.7 16.1





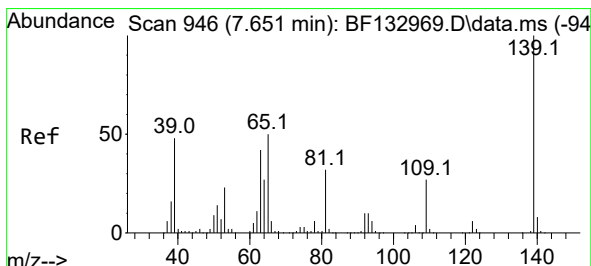
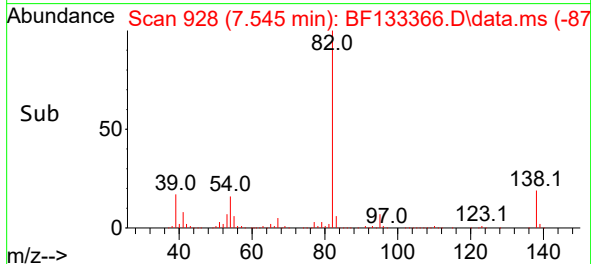
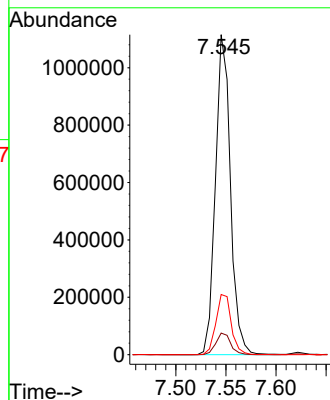
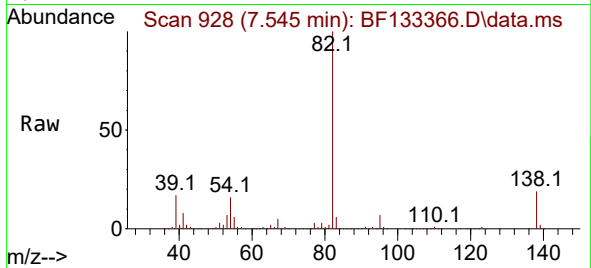
#25
Isophorone
Concen: 37.550 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 115770
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.8 16.0 24.0

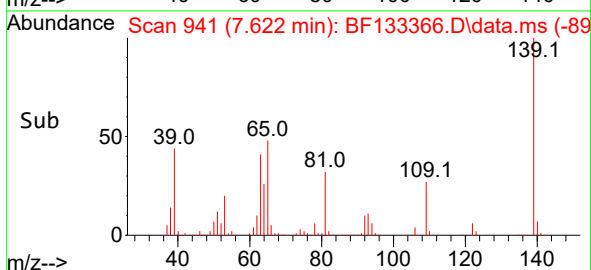
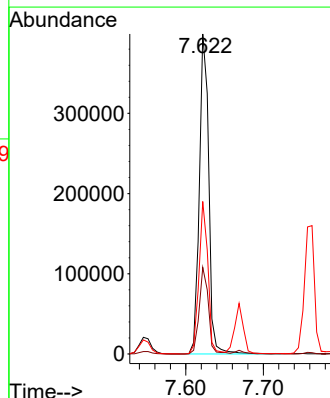
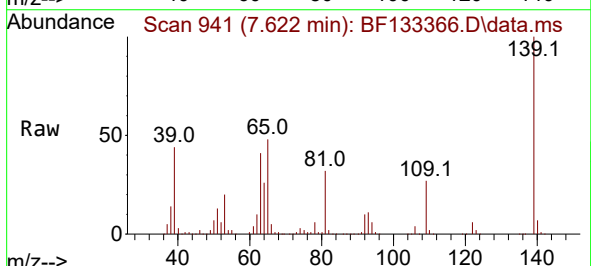
Manual Integrations
APPROVED

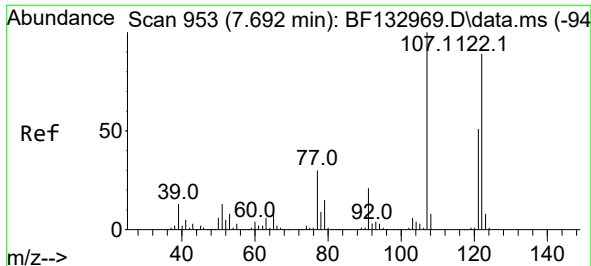
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 42.432 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:139 Resp: 336770
Ion Ratio Lower Upper
139 100
109 27.0 21.6 32.4
65 47.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.614 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

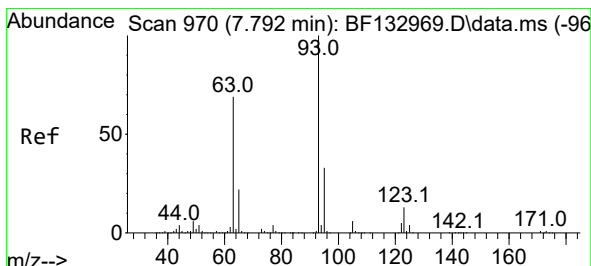
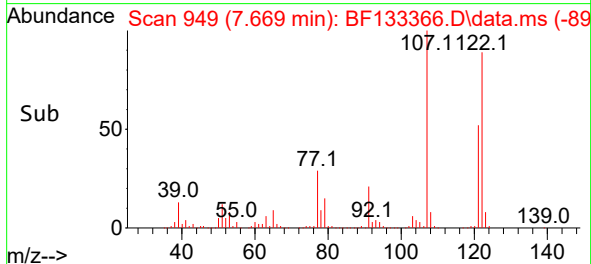
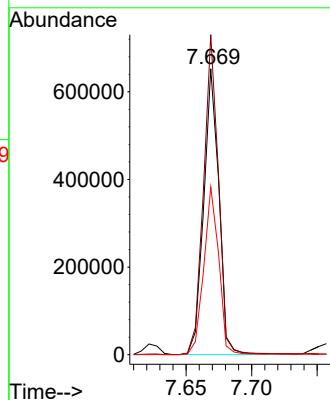
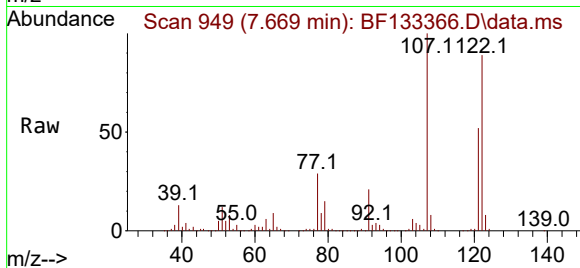
SSTDCCC040

Tgt Ion:122 Resp: 52550
 Ion Ratio Lower Upper
 122 100
 107 111.9 89.7 134.5
 121 58.6 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.469 ng

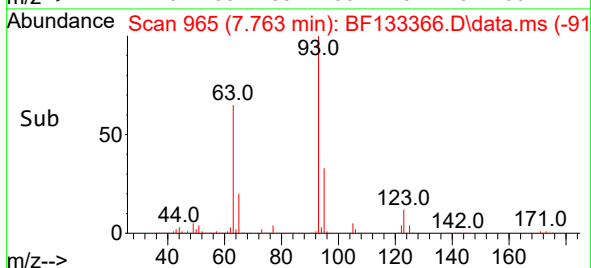
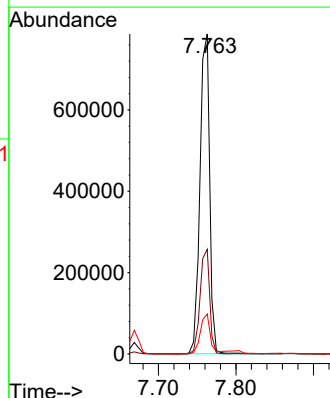
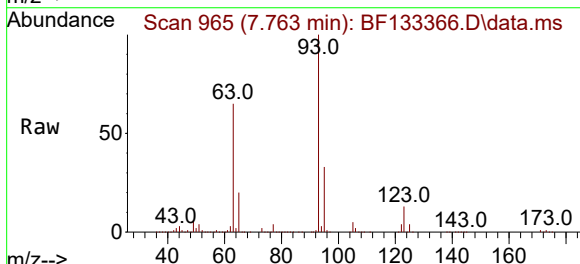
RT: 7.763 min Scan# 965

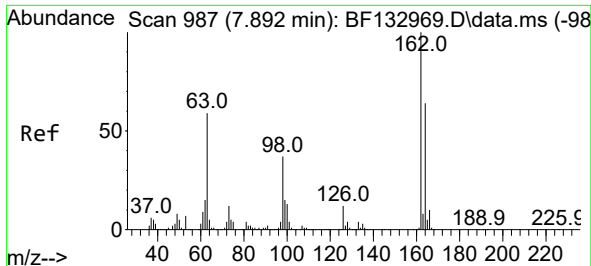
Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Tgt Ion: 93 Resp: 683417
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 40.088 ng

RT: 7.869 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

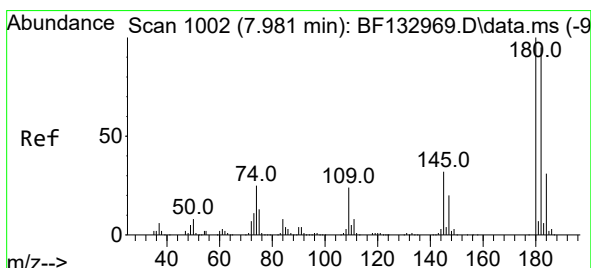
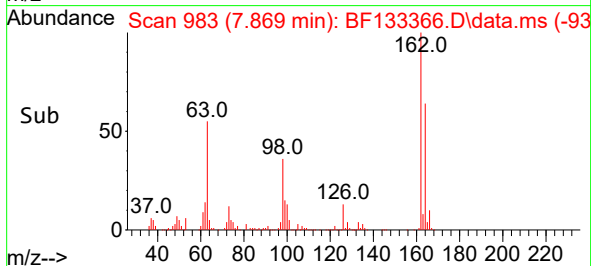
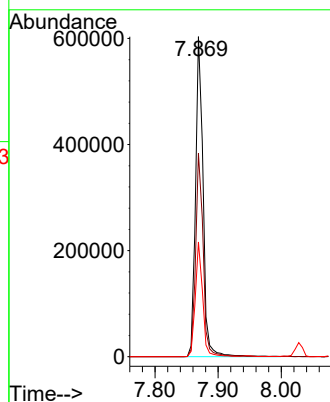
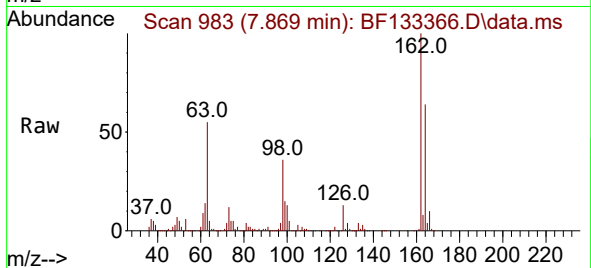
Tgt Ion:	162	Resp:	49665
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.9	83.9
98	35.9	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.786 ng

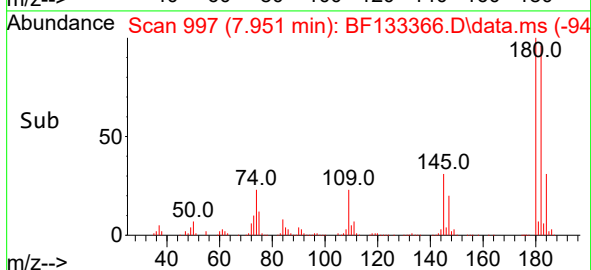
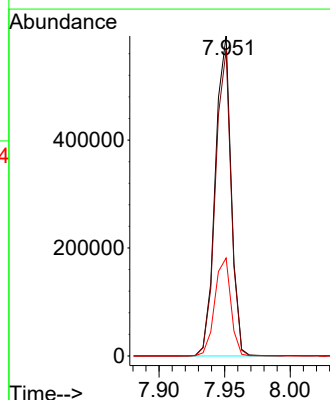
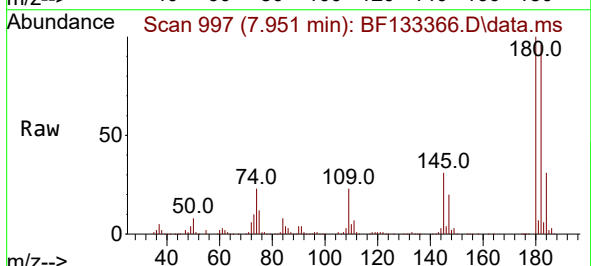
RT: 7.951 min Scan# 997

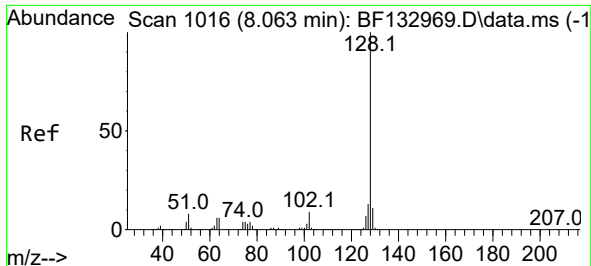
Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

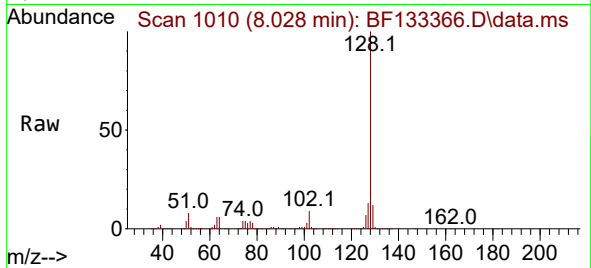
Tgt Ion:	180	Resp:	497810
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.9	113.9
145	30.6	25.3	37.9





#31
Naphthalene
Concen: 38.655 ng
RT: 8.028 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

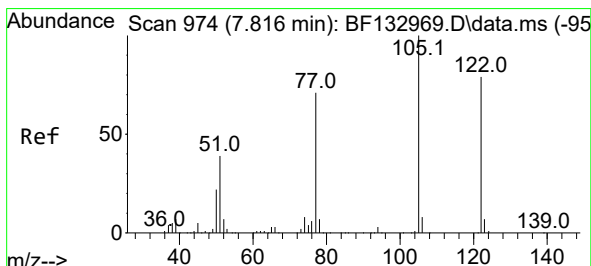
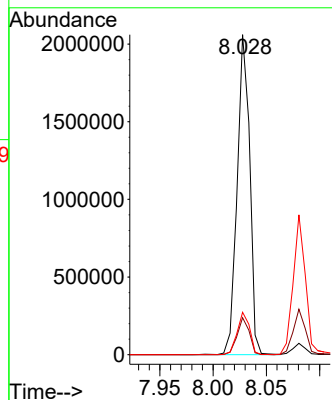
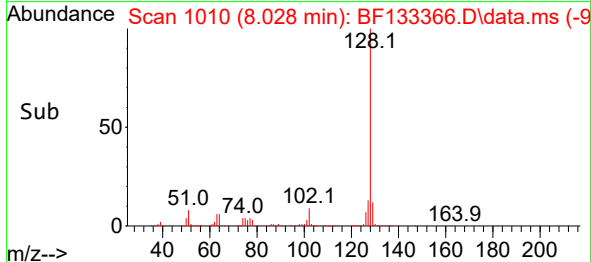
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 169395
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.3 10.7 16.1

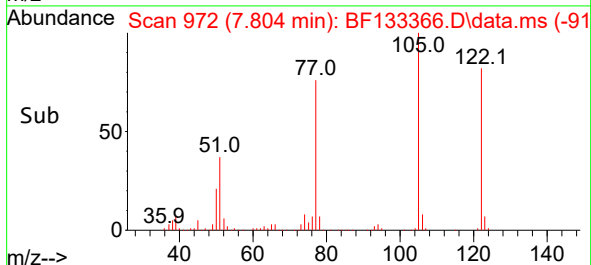
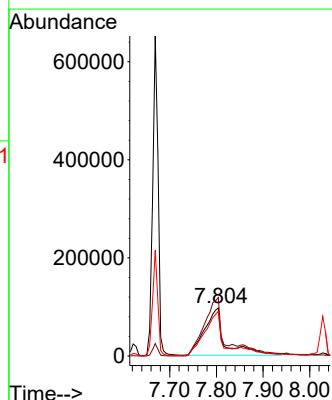
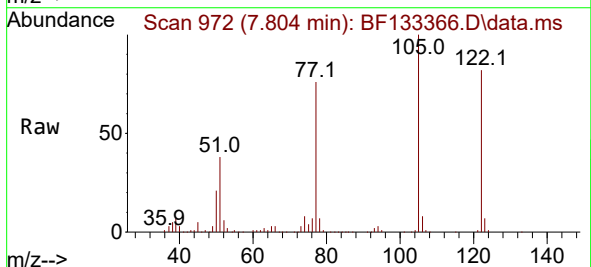
Manual Integrations
APPROVED

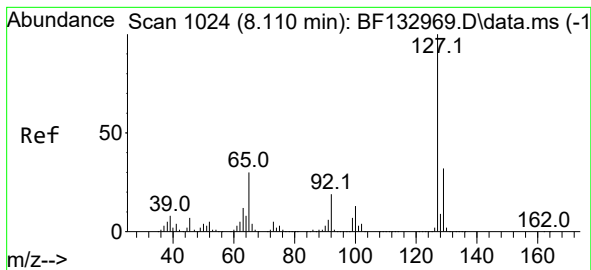
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 35.570 ng m
RT: 7.804 min Scan# 972
Delta R.T. 0.012 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:122 Resp: 299010
Ion Ratio Lower Upper
122 100
105 121.6 104.2 144.2
77 92.9 69.7 109.7





#33
4-Chloroaniline
Concen: 41.955 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

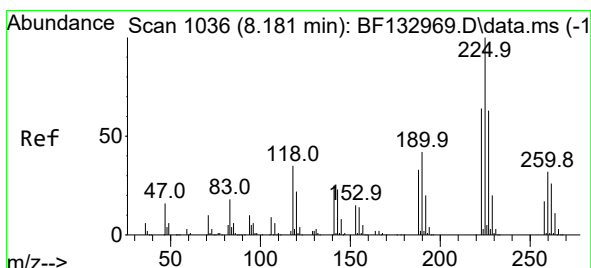
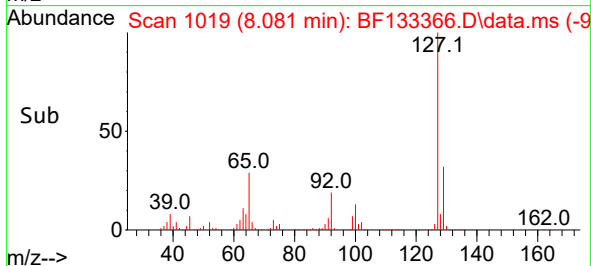
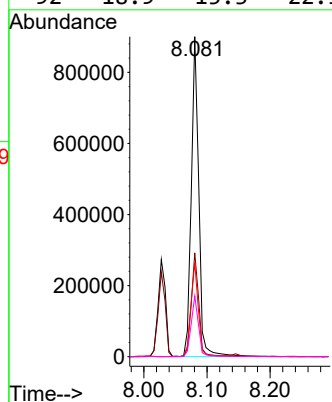
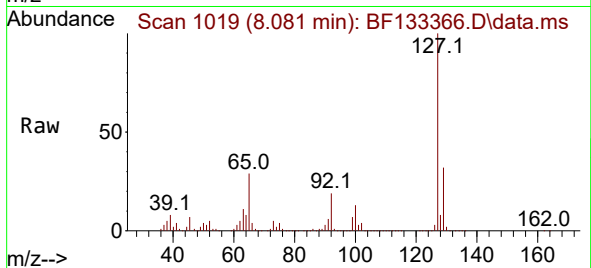
SSTDCCC040

Tgt Ion:127 Resp: 742850
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 29.4 23.6 35.4
92 18.9 15.3 22.9

Manual Integrations

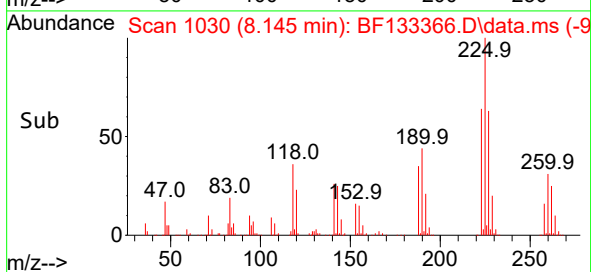
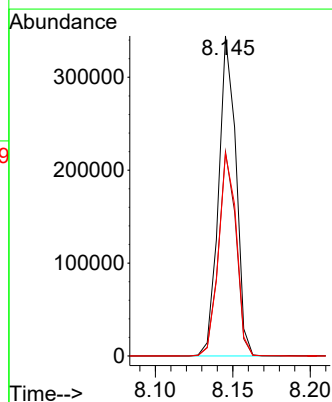
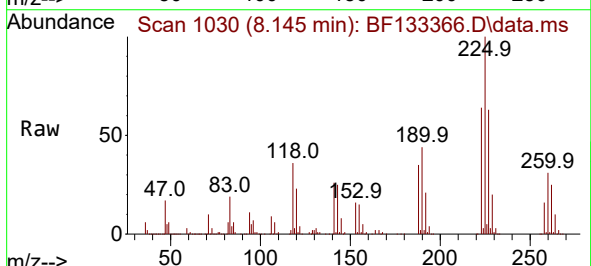
APPROVED

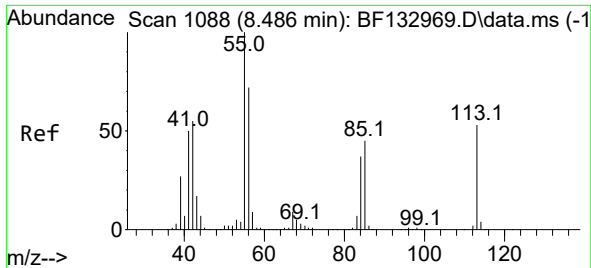
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#34
Hexachlorobutadiene
Concen: 37.797 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

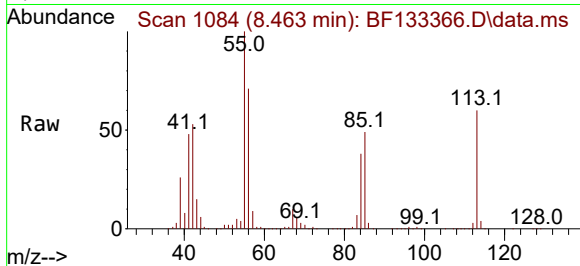
Tgt Ion:225 Resp: 268877
Ion Ratio Lower Upper
225 100
223 63.9 50.9 76.3
227 63.3 50.3 75.5





#35
 Caprolactam
 Concen: 43.202 ng
 RT: 8.463 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: BF133366.D
 Acq: 12 May 2023 13:15

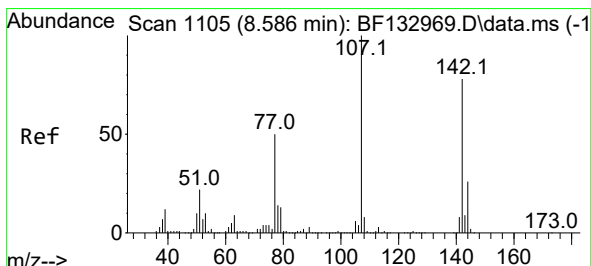
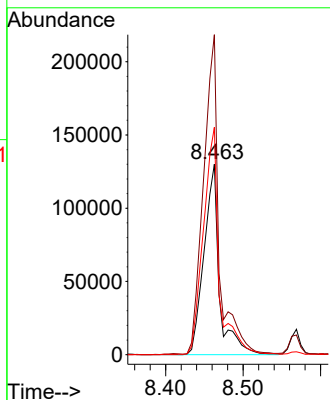
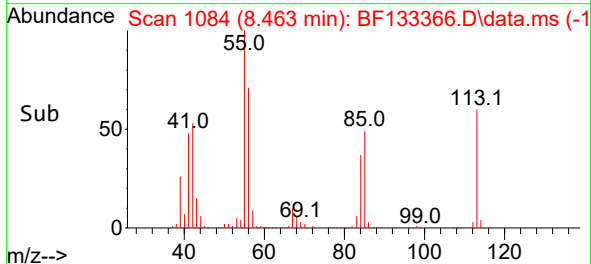
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 179804
 Ion Ratio Lower Upper
 113 100
 55 167.9 167.1 207.1
 56 119.3 114.5 154.5

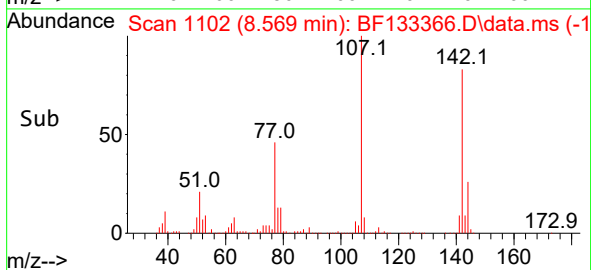
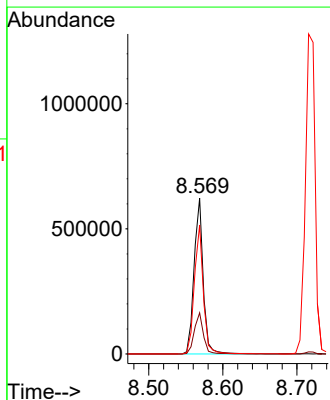
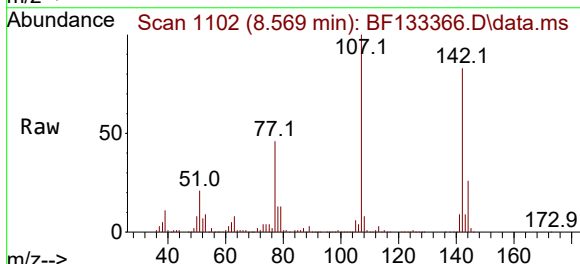
Manual Integrations
 APPROVED

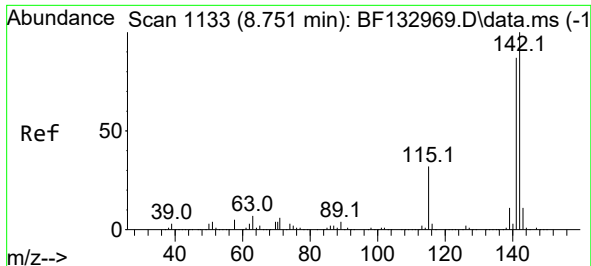
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.877 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133366.D
 Acq: 12 May 2023 13:15

Tgt Ion:107 Resp: 532757
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.6 30.8
 142 82.8 62.8 94.2





#37
2-Methylnaphthalene
Concen: 38.832 ng
RT: 8.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

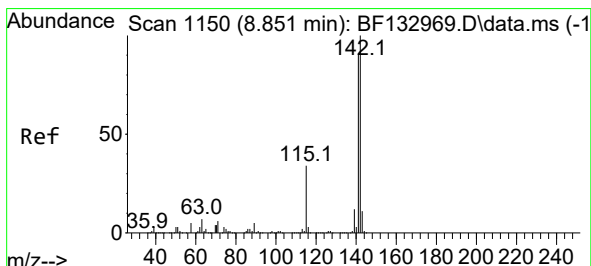
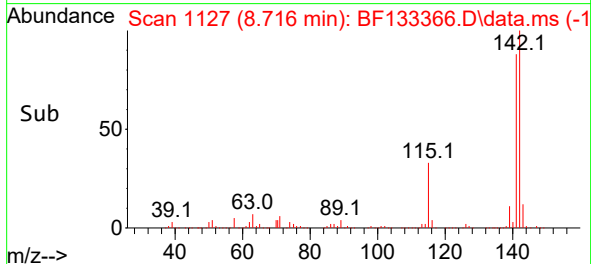
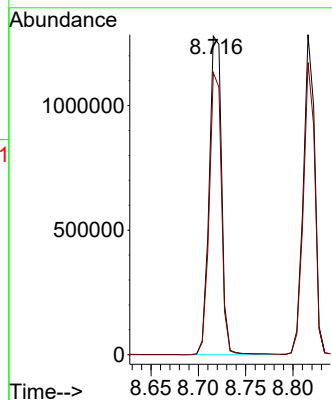
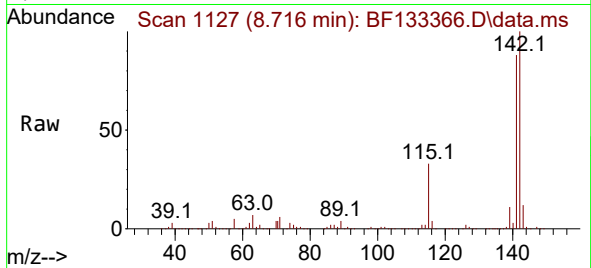
SSTDCCC040

Tgt Ion:142 Resp: 1163425
Ion Ratio Lower Upper
142 100
141 88.5 69.4 104.0

Manual Integrations

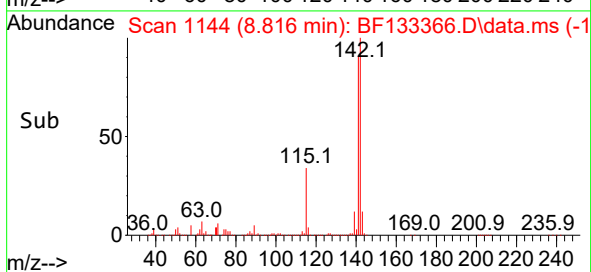
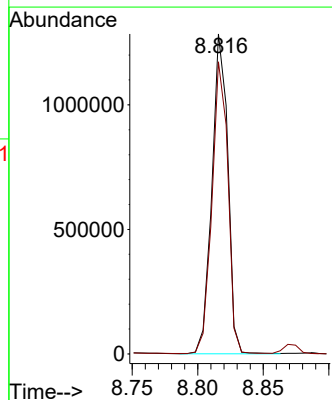
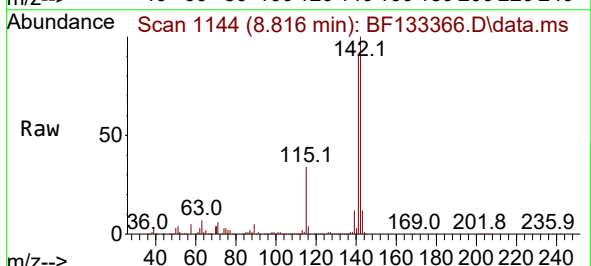
APPROVED

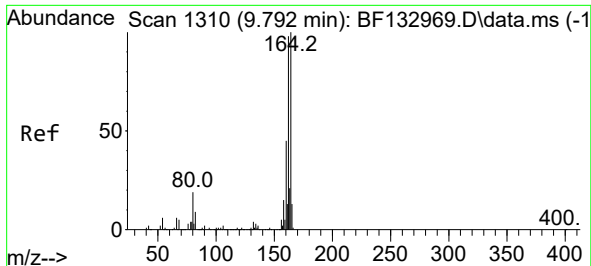
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#38
1-Methylnaphthalene
Concen: 38.608 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:142 Resp: 1082063
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7





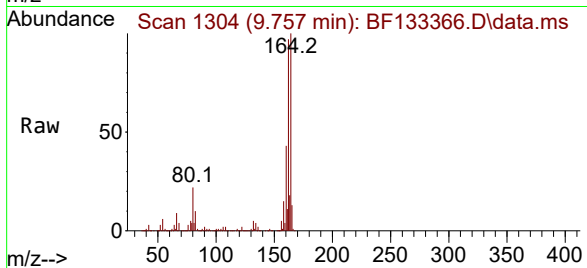
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

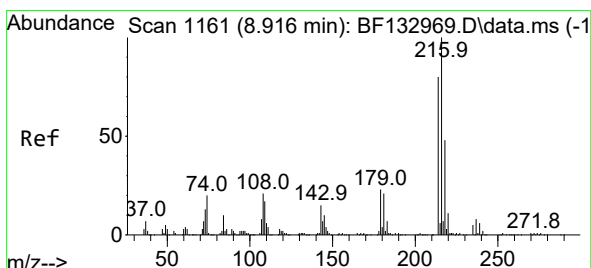
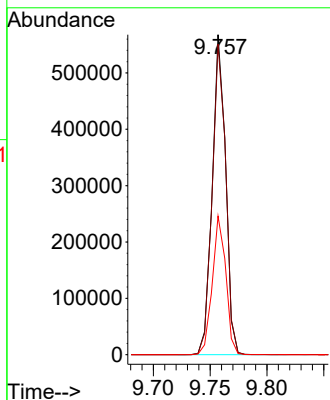
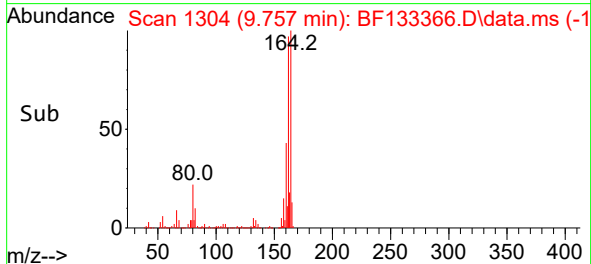


Tgt Ion:164 Resp: 46346
Ion Ratio Lower Upper
164 100
162 97.1 78.7 118.1
160 43.3 35.8 53.6

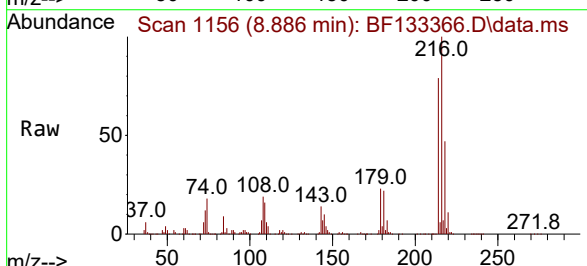
Manual Integrations

APPROVED

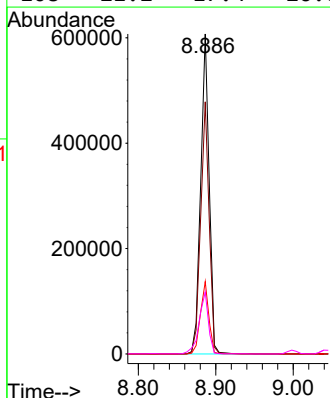
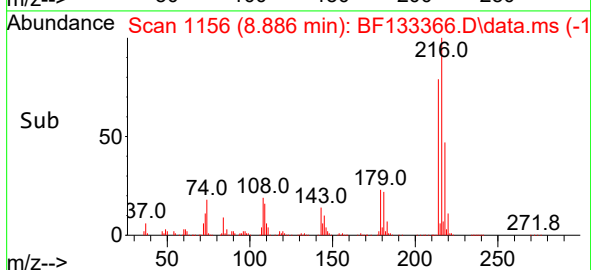
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

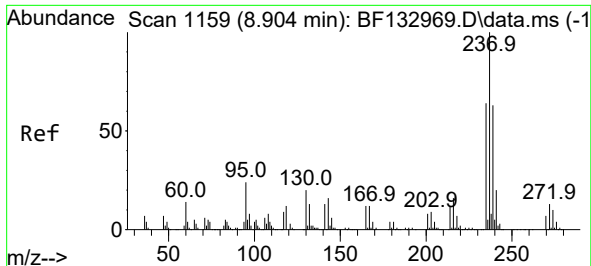


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.038 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:216 Resp: 461536
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.5 17.4 26.2
108 21.2 17.4 26.0





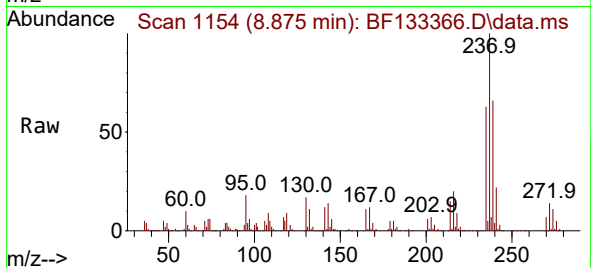
#41
Hexachlorocyclopentadiene
Concen: 34.394 ng
RT: 8.875 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

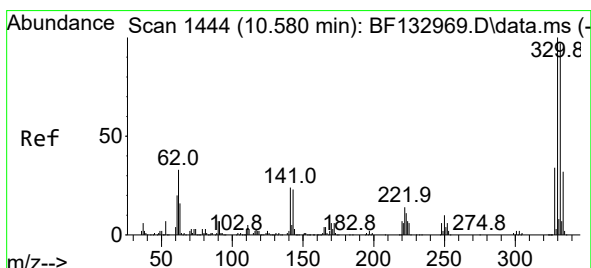
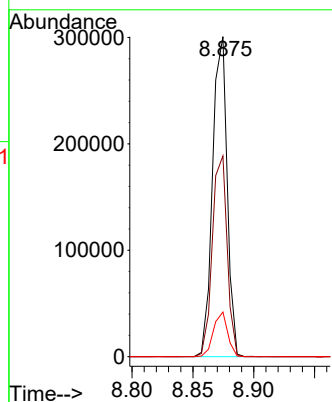
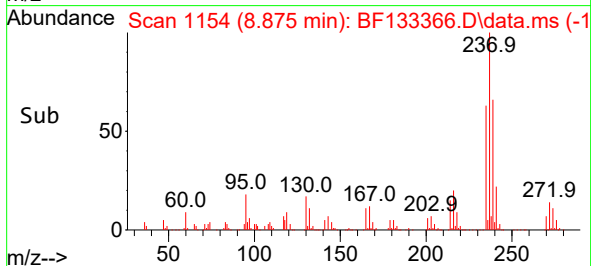


Tgt Ion: 237 Resp: 249958
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.9 0.0 32.7

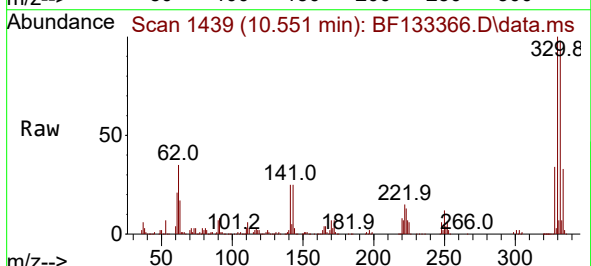
Manual Integrations

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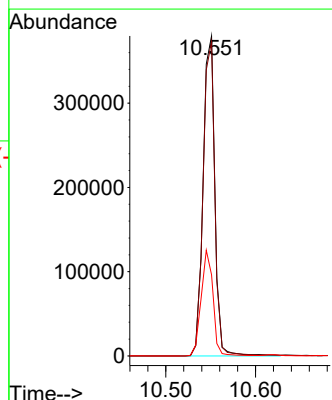
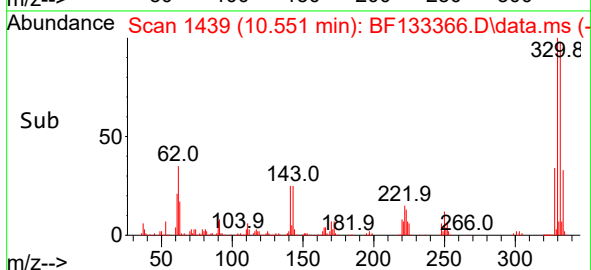
Reviewed By : Christian Giraldo 05/15/2023
Supervised By : Yogesh Patel 05/16/2023

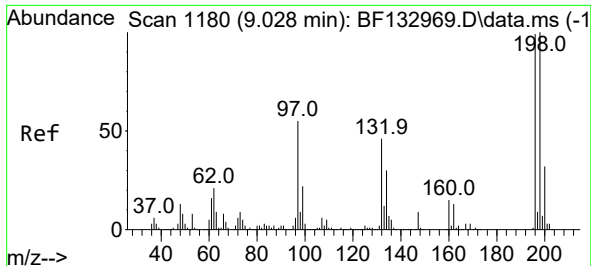


#42
2,4,6-Tribromophenol
Concen: 74.064 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion: 330 Resp: 345209
Ion Ratio Lower Upper
330 100
332 98.8 77.1 115.7
141 33.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.773 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 325520

Ion Ratio Lower Upper

196 100

198 98.7 81.0 121.6

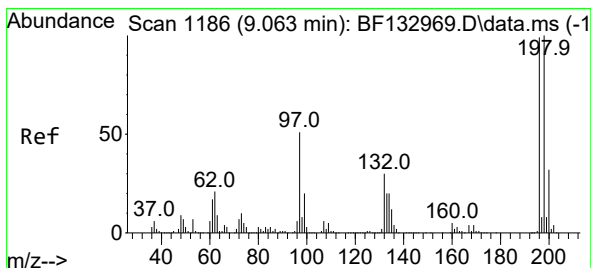
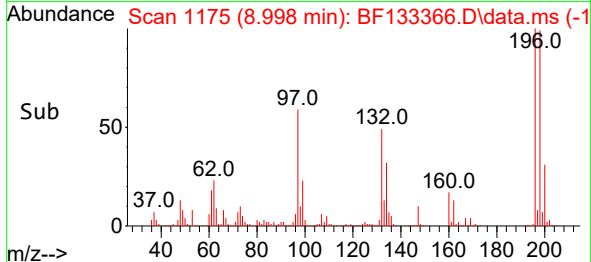
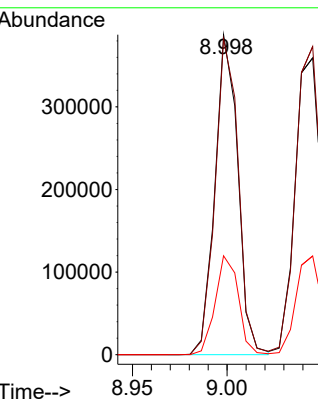
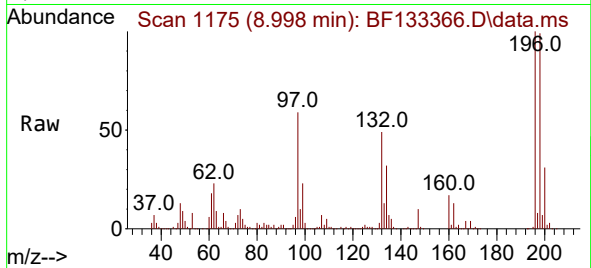
200 30.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#44

2,4,5-Trichlorophenol

Concen: 37.594 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Tgt Ion:196 Resp: 374692

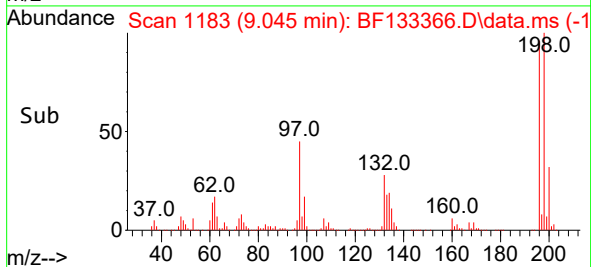
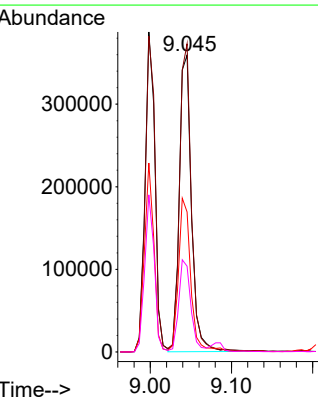
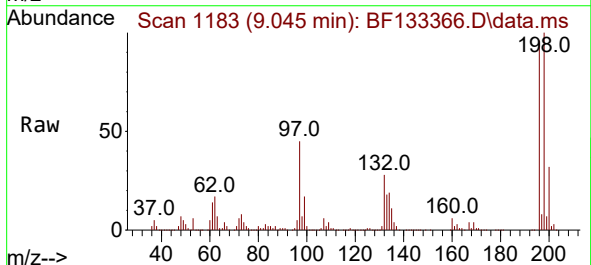
Ion Ratio Lower Upper

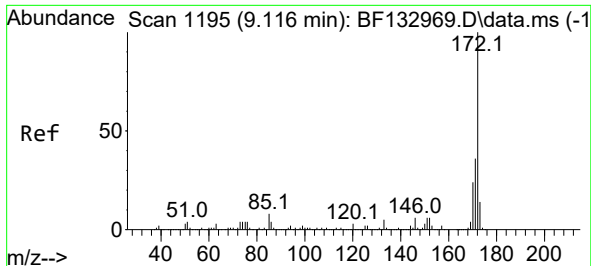
196 100

198 103.8 80.9 121.3

97 47.2 41.3 61.9

132 28.9 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 73.129 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

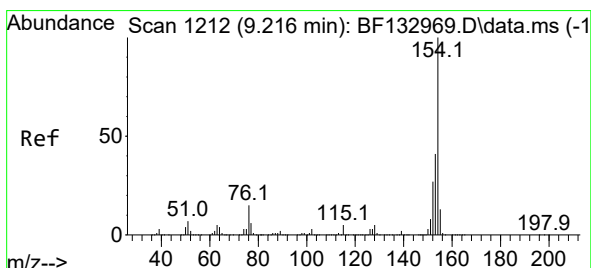
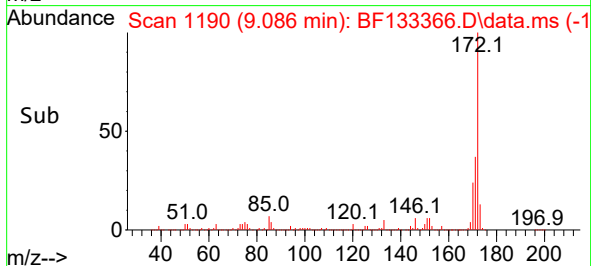
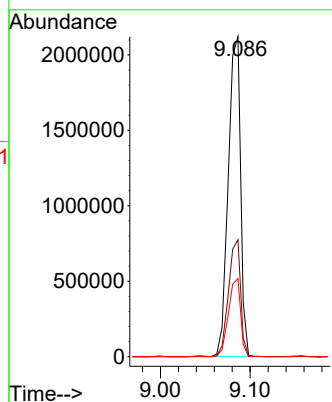
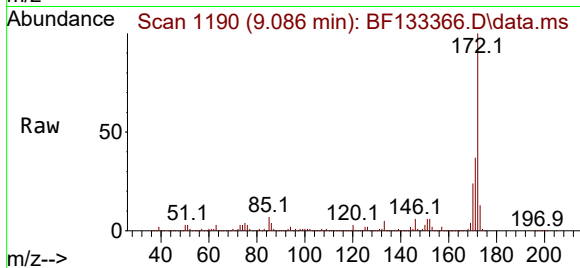
ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 202584
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2

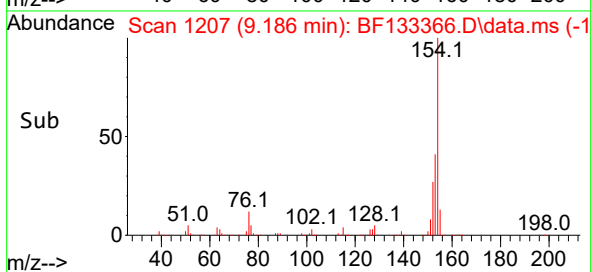
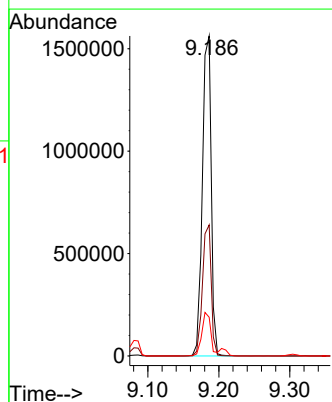
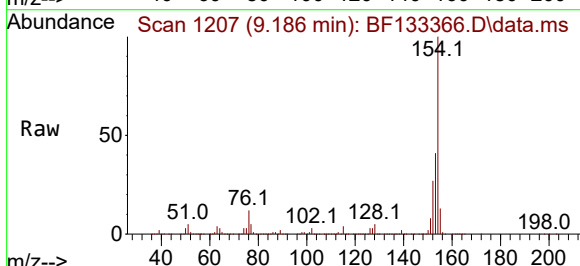
Manual Integrations
APPROVED

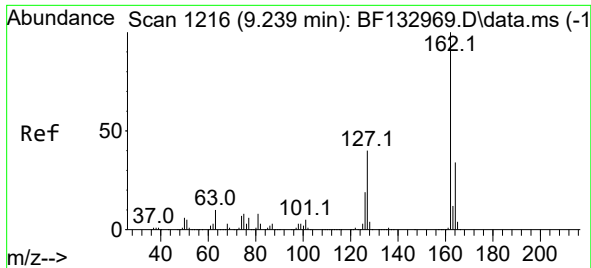
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 36.951 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:154 Resp: 1357976
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 12.1 0.0 34.5





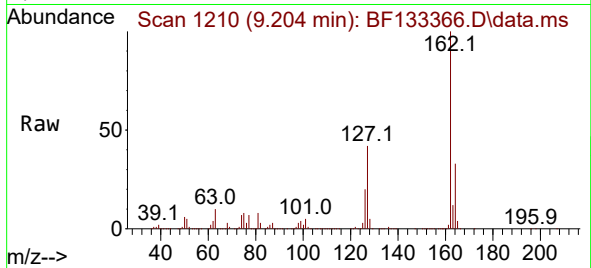
#47
2-Chloronaphthalene
Concen: 37.322 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

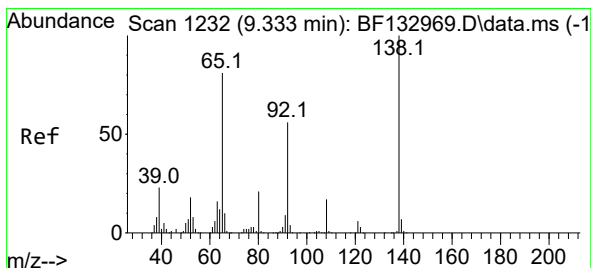
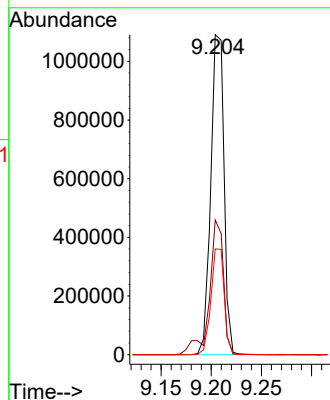
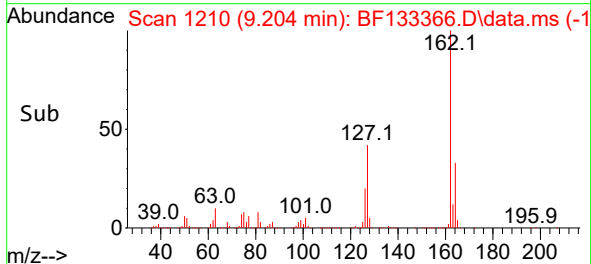


Tgt Ion:162 Resp: 1003919
Ion Ratio Lower Upper
162 100
127 42.1 32.3 48.5
164 33.0 26.8 40.2

Manual Integrations

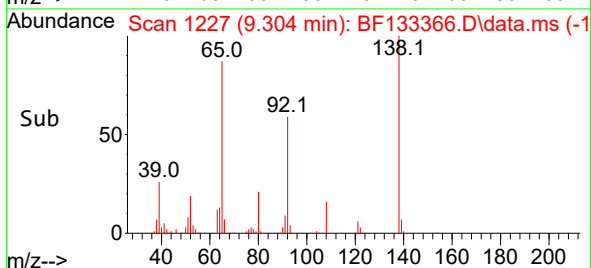
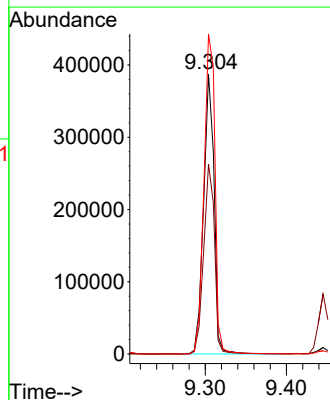
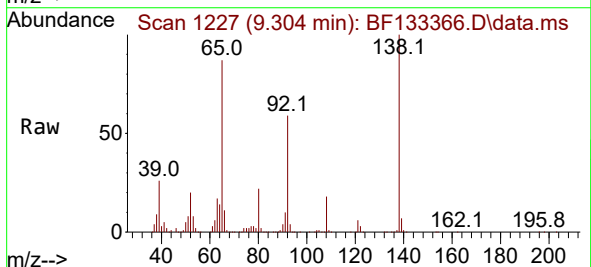
APPROVED

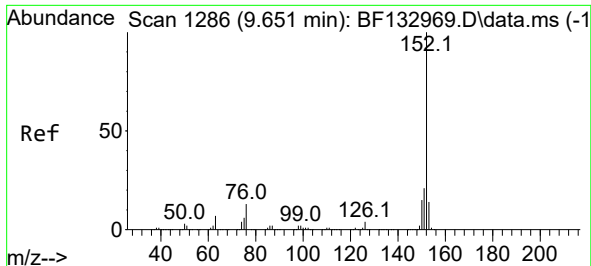
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 39.261 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion: 65 Resp: 349027
Ion Ratio Lower Upper
65 100
92 67.9 55.4 83.0
138 114.4 98.2 147.2





#49

Acenaphthylene

Concen: 37.668 ng

RT: 9.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 161898

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

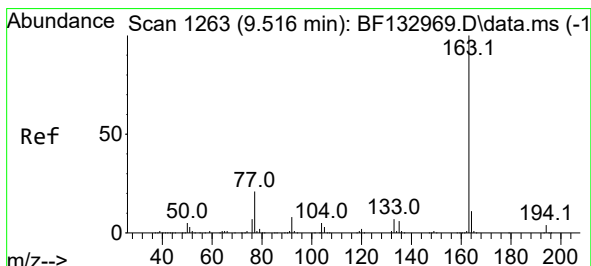
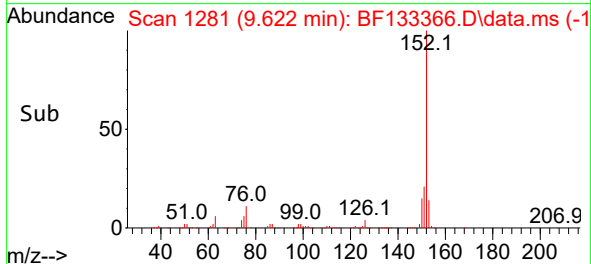
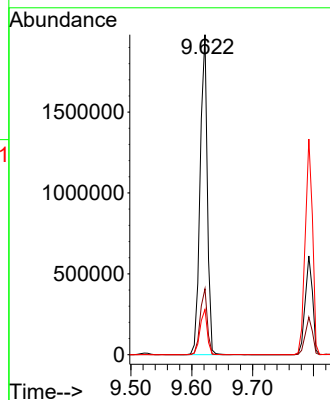
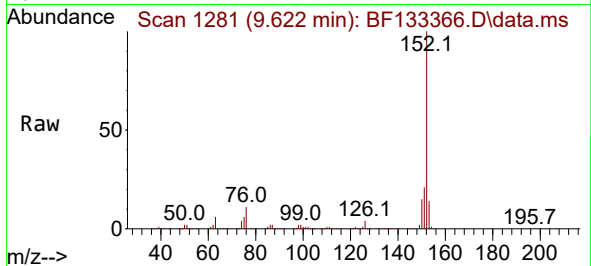
153 14.2 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#50

Dimethylphthalate

Concen: 39.016 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

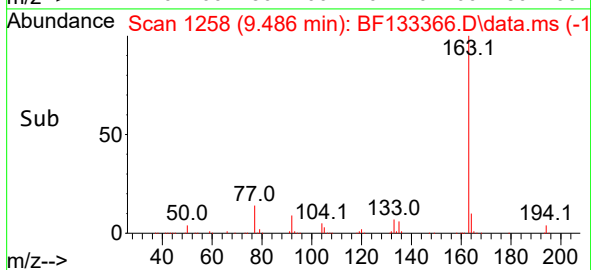
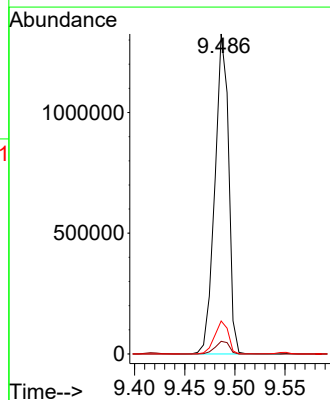
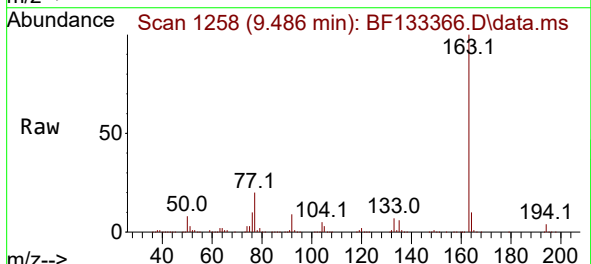
Tgt Ion:163 Resp: 1260866

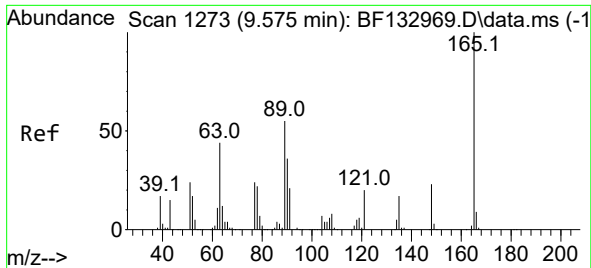
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

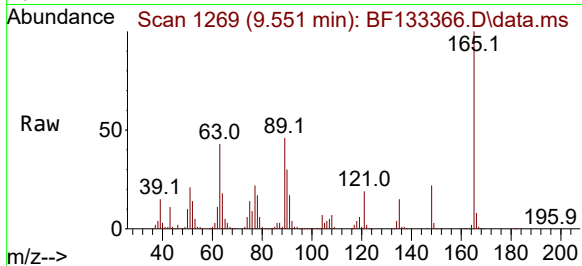
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.135 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

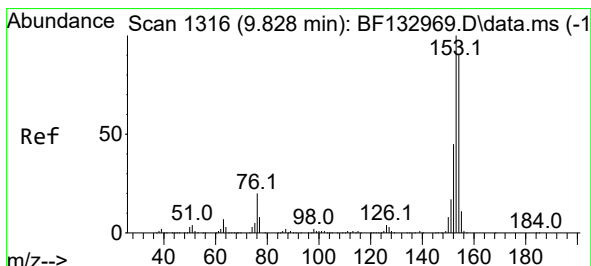
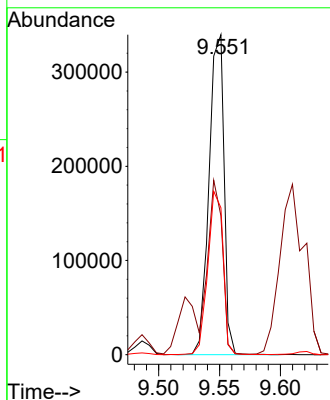
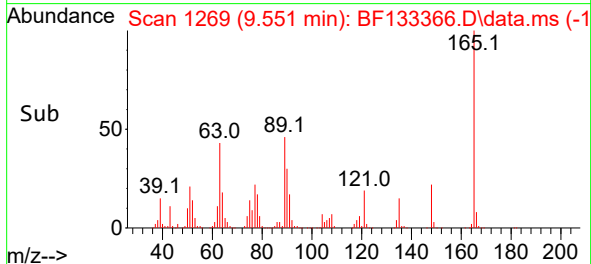
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 291920
Ion Ratio Lower Upper
165 100
63 43.4 45.9 68.9
89 45.9 44.0 66.0

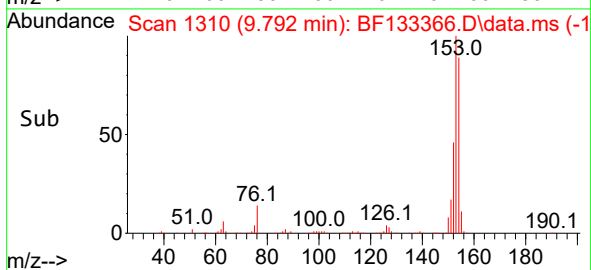
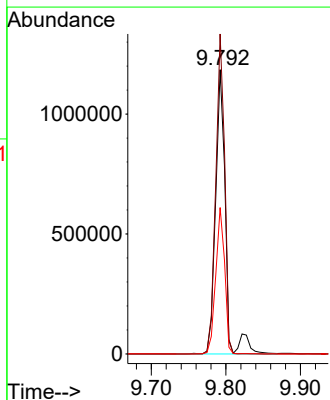
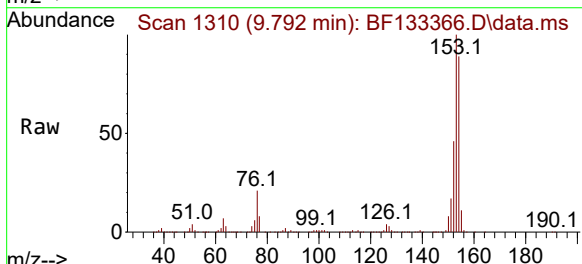
Manual Integrations
APPROVED

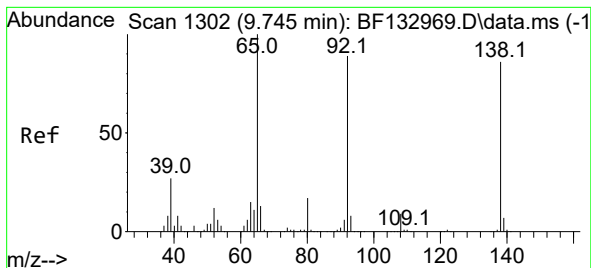
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 37.874 ng m
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

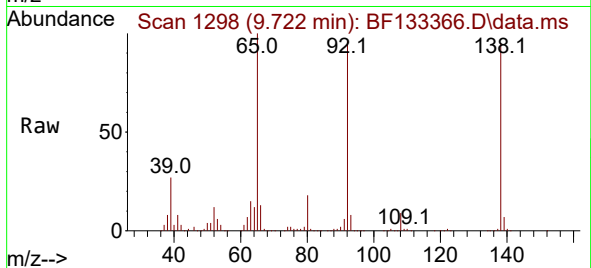
Tgt Ion:154 Resp: 1090238
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.6
152 51.5 40.4 60.6





#53
3-Nitroaniline
Concen: 40.734 ng
RT: 9.722 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

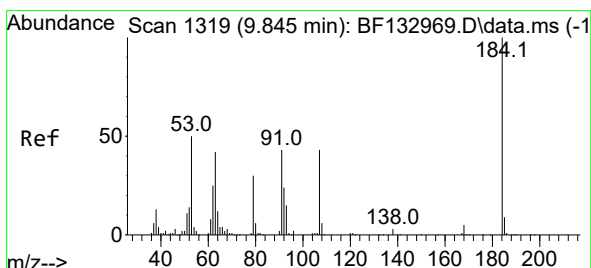
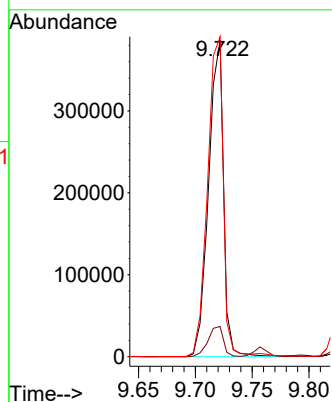
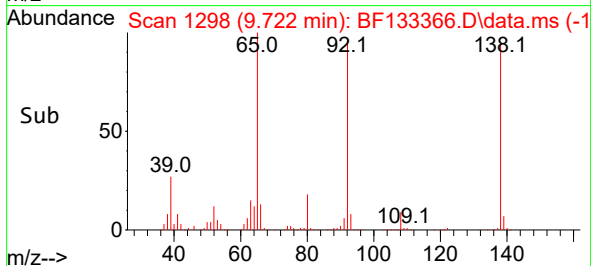
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 352284
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 101.1 83.6 125.4

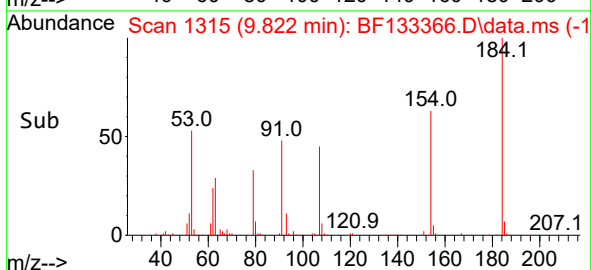
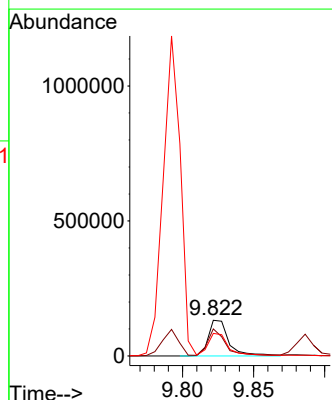
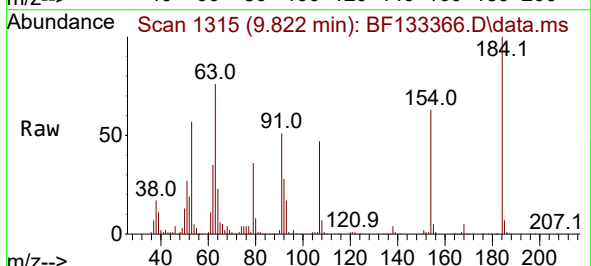
Manual Integrations
APPROVED

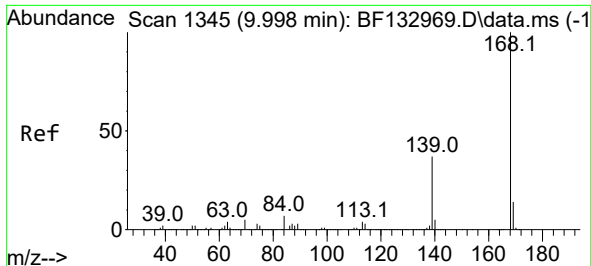
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#54
2,4-Dinitrophenol
Concen: 36.477 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

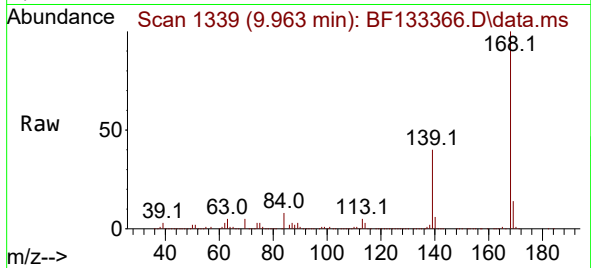
Tgt Ion:184 Resp: 133363
Ion Ratio Lower Upper
184 100
63 75.7 49.8 74.8#
154 63.4 49.5 74.3





#55
Dibenzenofuran
Concen: 37.008 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

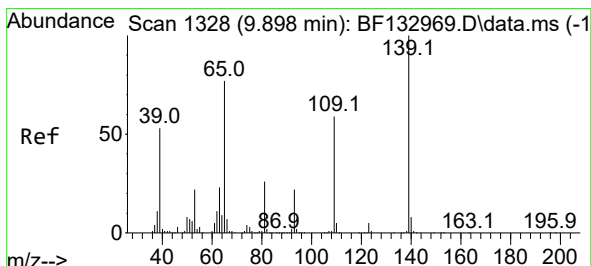
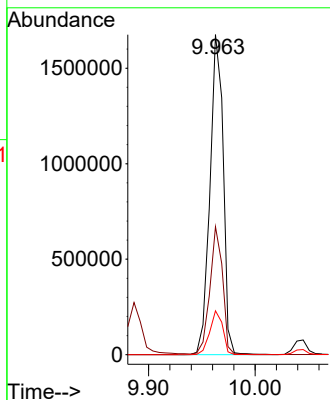
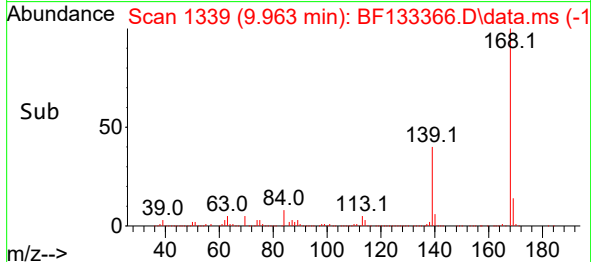
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1453200
Ion Ratio Lower Upper
168 100
139 40.0 29.8 44.8
169 13.7 10.8 16.2

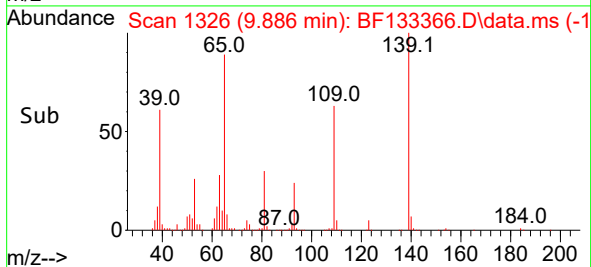
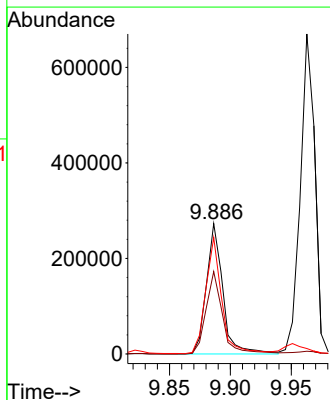
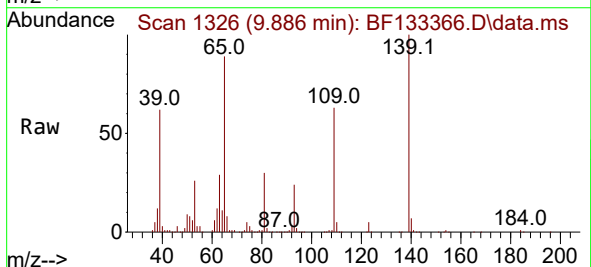
Manual Integrations
APPROVED

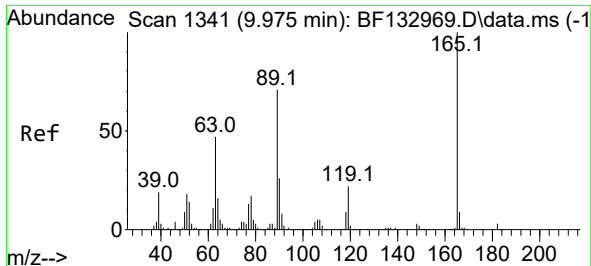
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 38.366 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:139 Resp: 256988
Ion Ratio Lower Upper
139 100
109 63.2 39.4 79.4
65 89.3 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 40.778 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

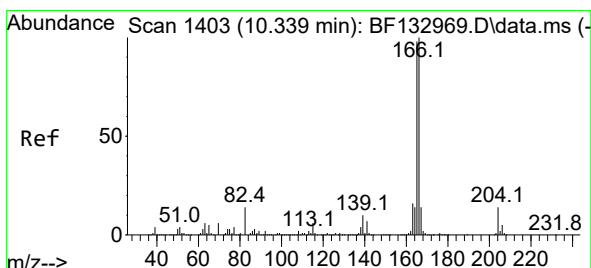
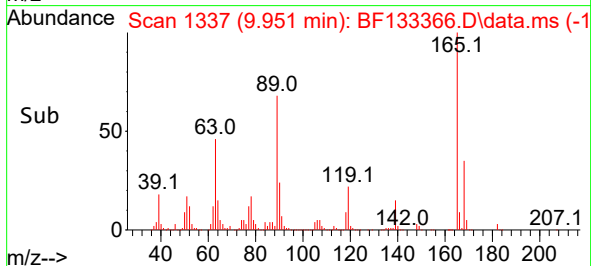
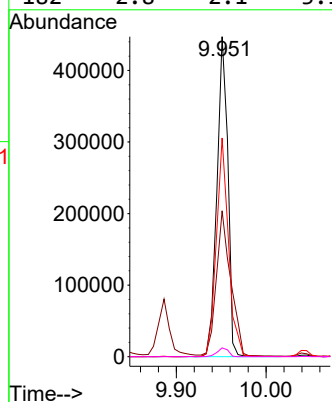
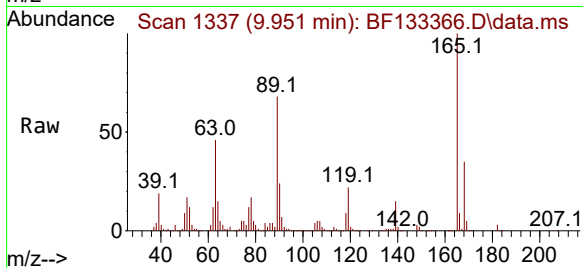
SSTDCCC040

Tgt Ion:165 Resp: 37825
Ion Ratio Lower Upper
165 100
63 45.6 37.7 56.5
89 68.4 57.0 85.4
182 2.8 2.1 3.1

Manual Integrations

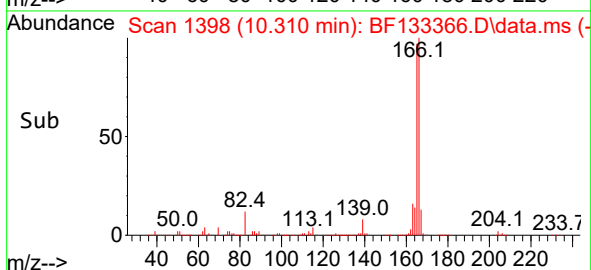
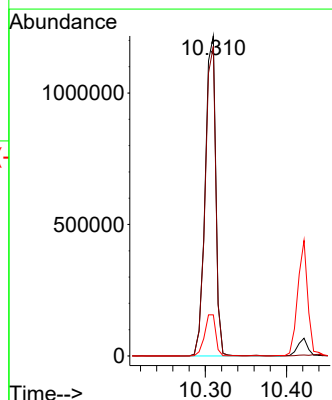
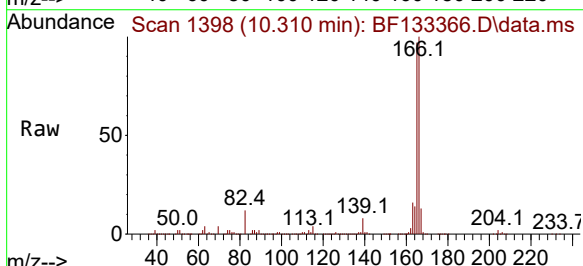
APPROVED

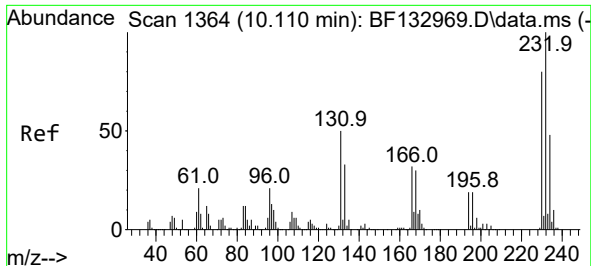
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 38.130 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

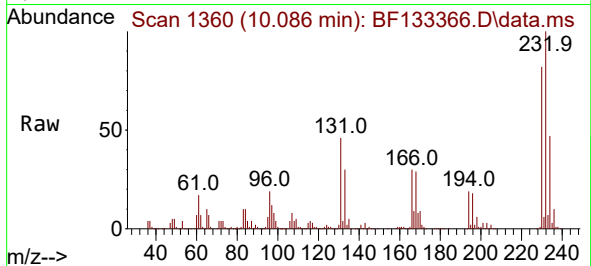
Tgt Ion:166 Resp: 1096950
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 12.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.782 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

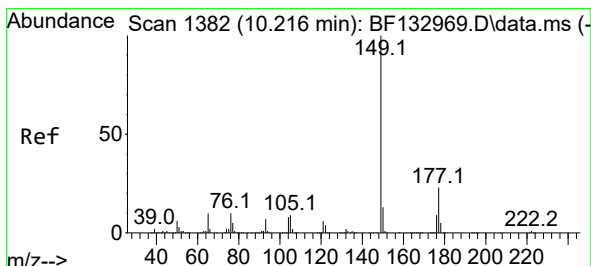
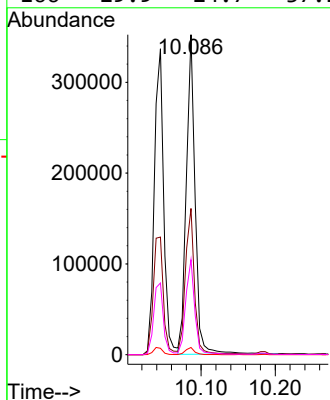
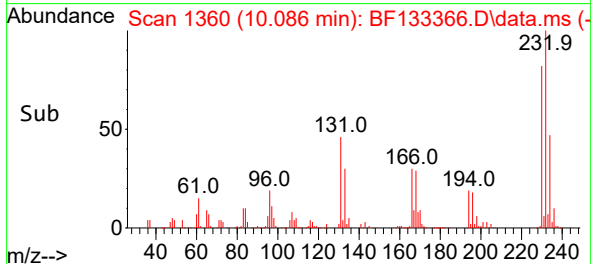
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



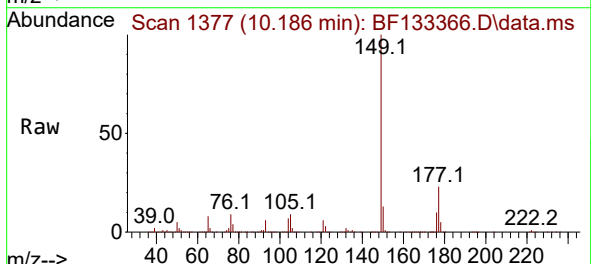
Tgt Ion:232 Resp: 291930
Ion Ratio Lower Upper
232 100
131 46.6 38.0 57.0
130 2.4 1.8 2.8
166 29.9 24.7 37.1

Manual Integrations
APPROVED

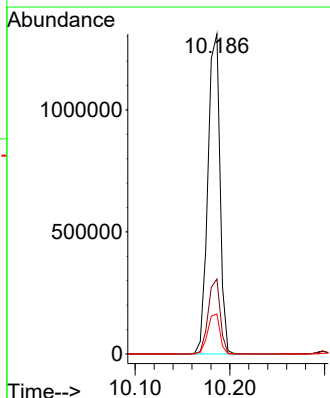
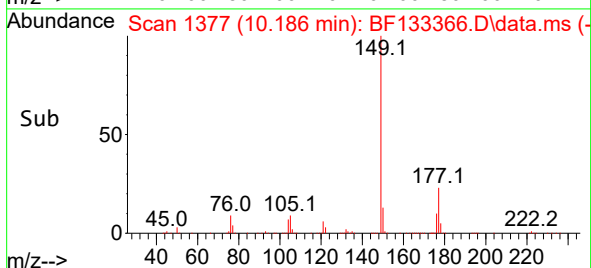
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

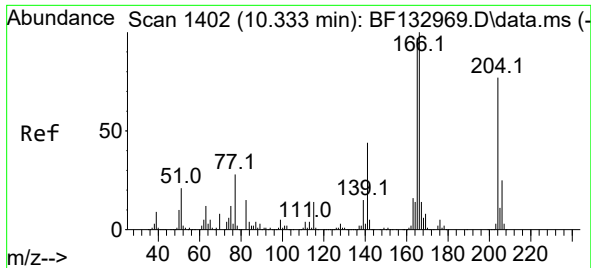


#60
Diethylphthalate
Concen: 38.179 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:149 Resp: 1165396
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 36.565 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

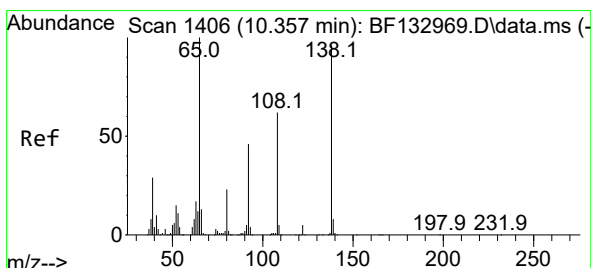
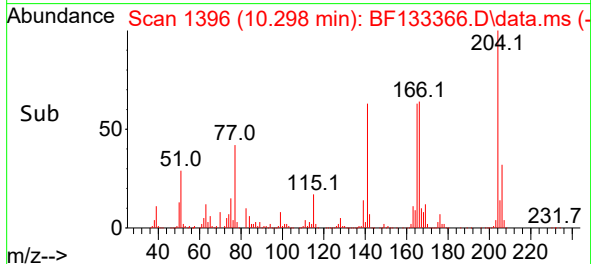
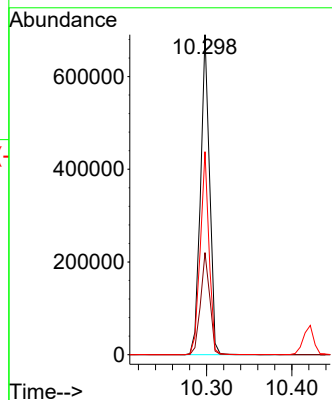
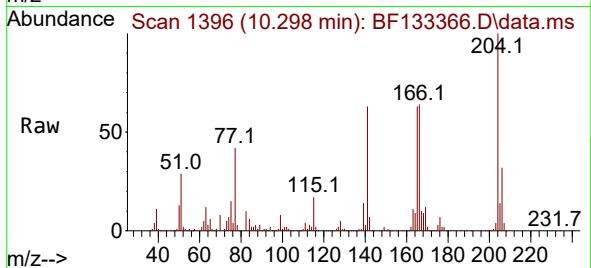
SSTDCCC040

Tgt Ion:204 Resp: 51262
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 63.5 46.1 69.1

Manual Integrations

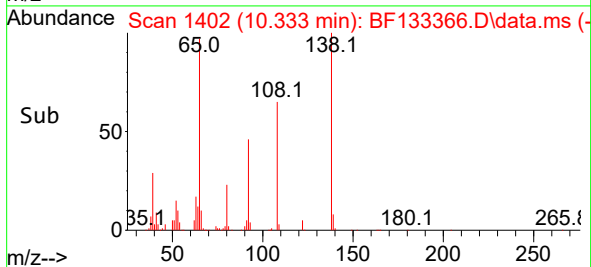
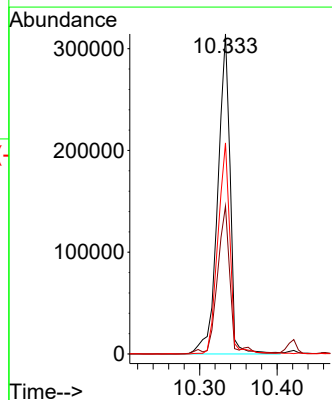
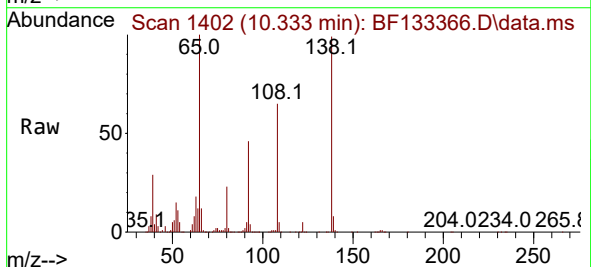
APPROVED

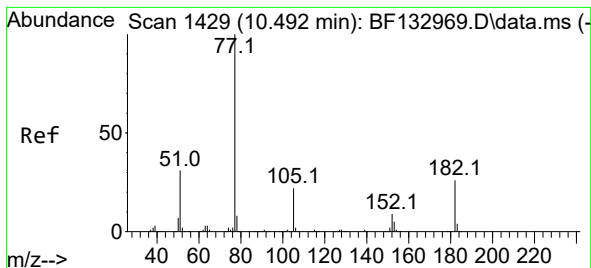
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 43.923 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion:138 Resp: 349128
Ion Ratio Lower Upper
138 100
92 46.2 27.7 67.7
108 65.9 45.2 85.2





#63

Azobenzene

Concen: 36.235 ng

RT: 10.463 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF133366.D

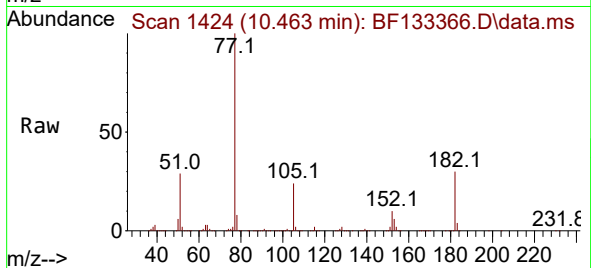
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 1171700

Ion Ratio Lower Upper

77 100

182 30.2 5.9 45.9

105 23.9 2.3 42.3

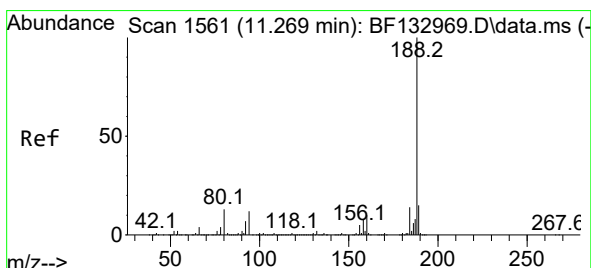
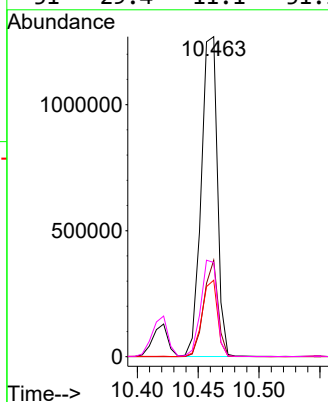
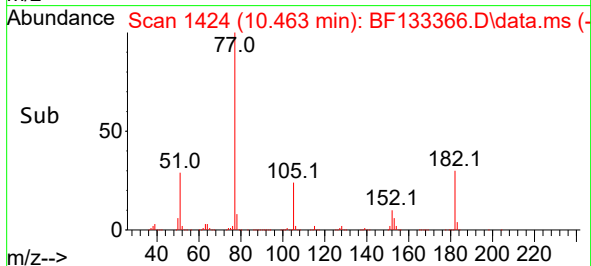
51 29.4 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

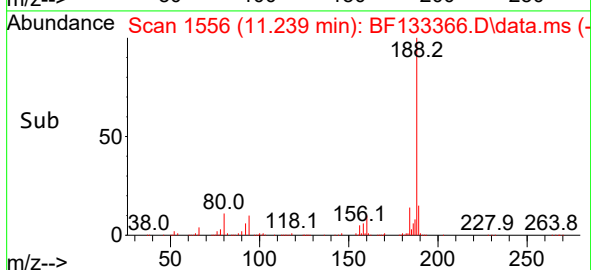
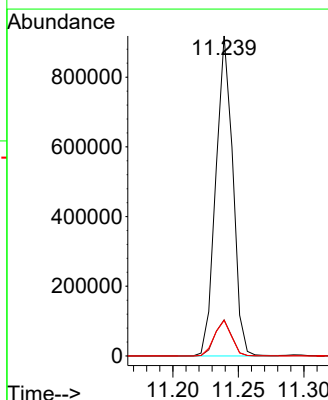
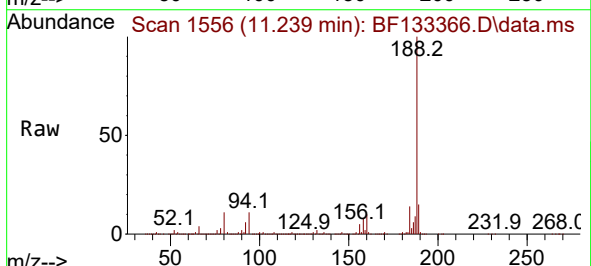
Tgt Ion:188 Resp: 825879

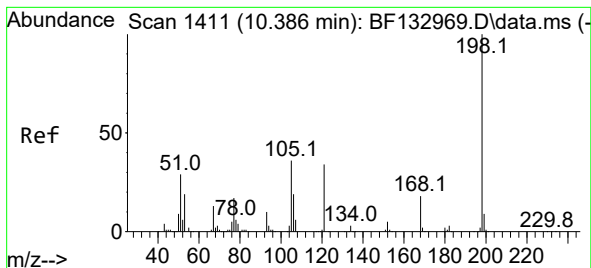
Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.1 10.4 15.6





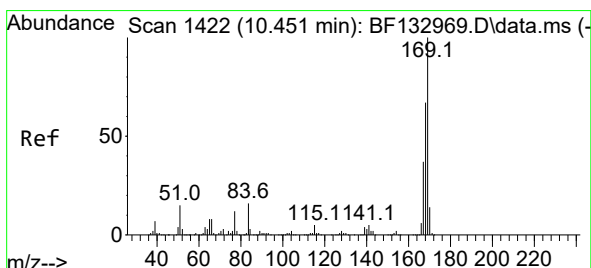
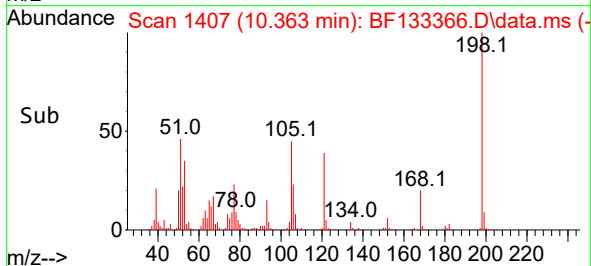
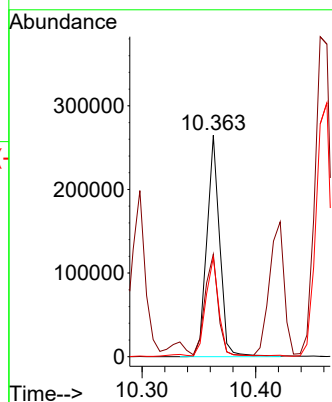
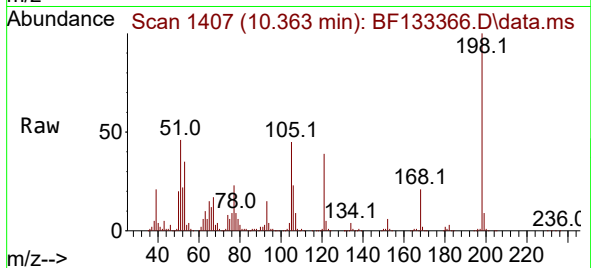
#65
4,6-Dinitro-2-methylphenol
Concen: 41.512 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 207800
Ion Ratio Lower Upper
198 100
51 46.2 15.5 55.5
105 44.9 16.7 56.7

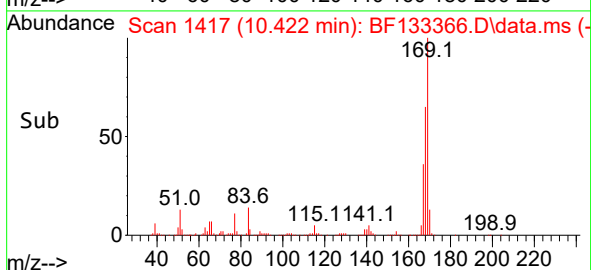
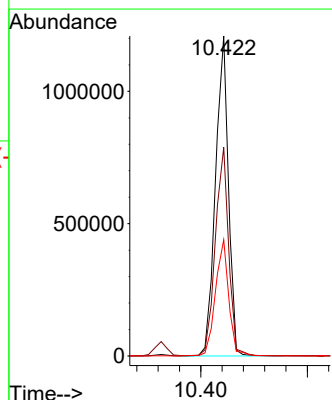
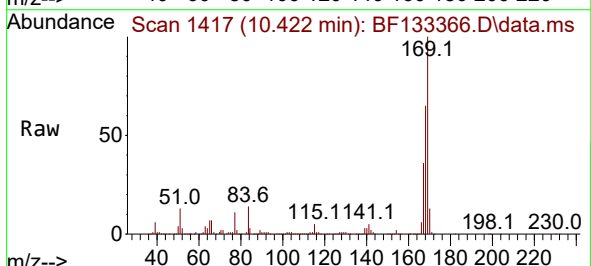
Manual Integrations
APPROVED

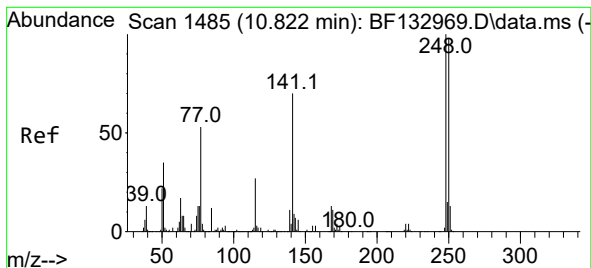
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 37.827 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

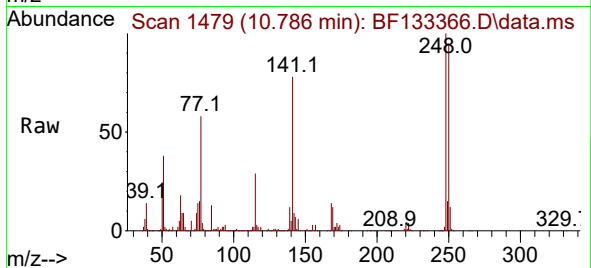
Tgt Ion:169 Resp: 1013371
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.8
167 36.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 37.005 ng
RT: 10.786 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

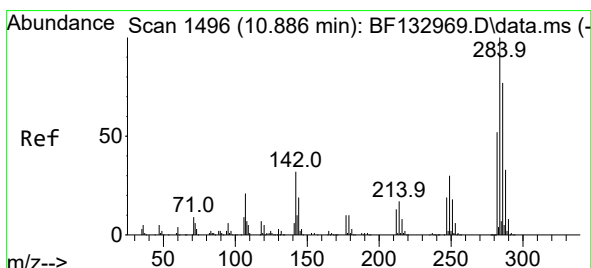
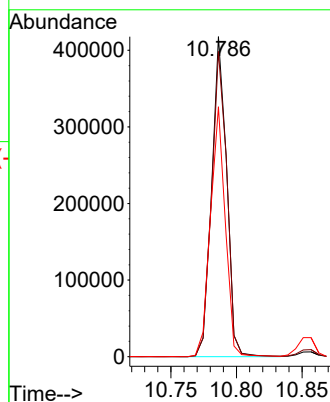
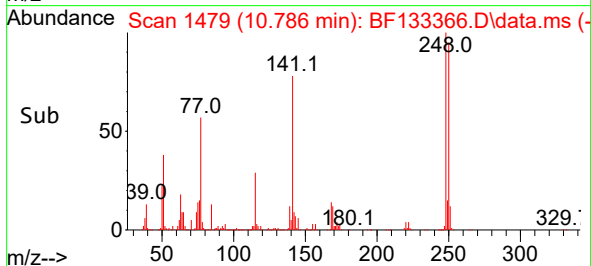
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 331459
Ion Ratio Lower Upper
248 100
250 95.4 78.7 118.1
141 78.1 56.3 84.5

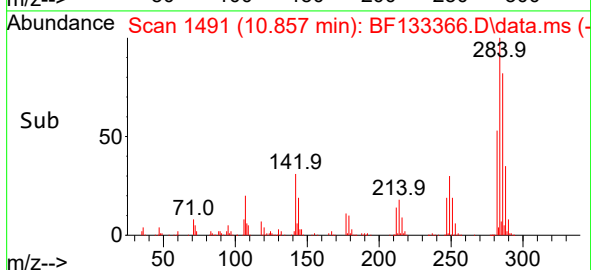
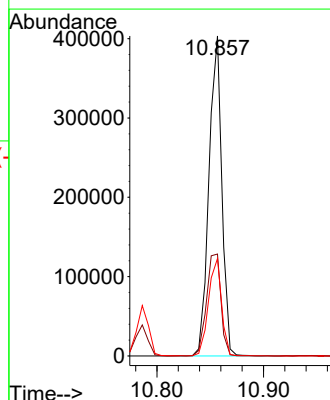
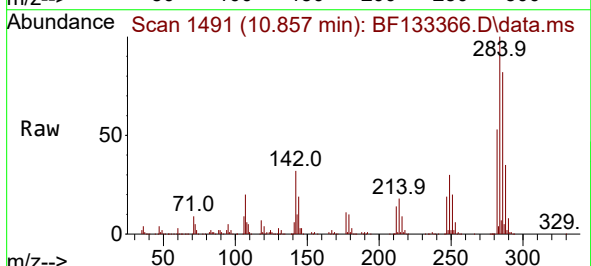
Manual Integrations
APPROVED

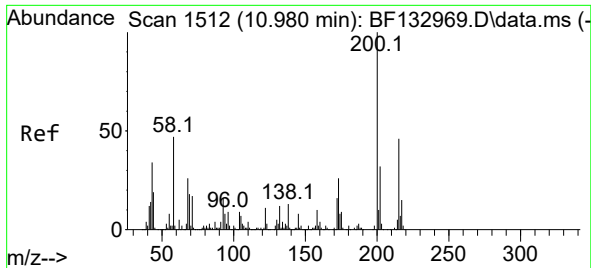
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#68
Hexachlorobenzene
Concen: 36.994 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

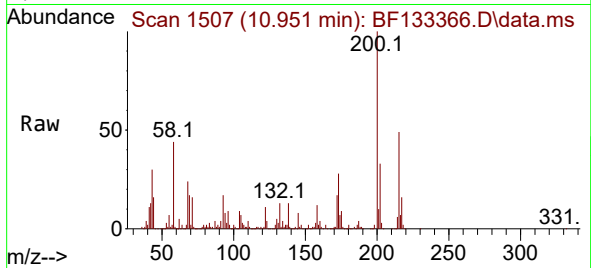
Tgt Ion:284 Resp: 339541
Ion Ratio Lower Upper
284 100
142 31.9 26.0 39.0
249 30.5 23.7 35.5





#69
 Atrazine
 Concen: 39.081 ng
 RT: 10.951 min Scan# 1512
 Delta R.T. 0.000 min
 Lab File: BF133366.D
 Acq: 12 May 2023 13:15

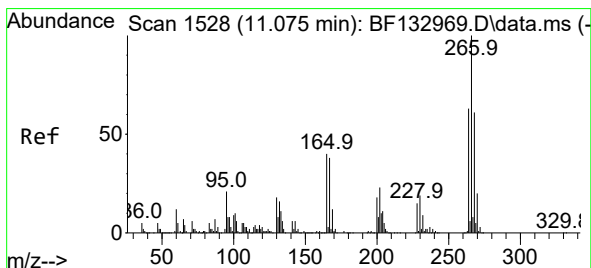
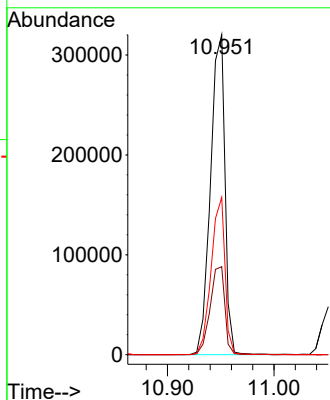
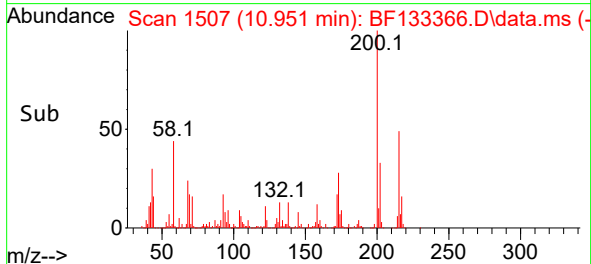
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



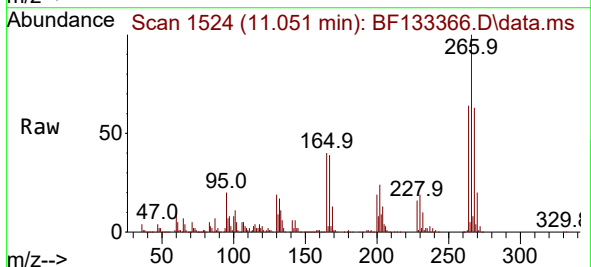
Tgt Ion:200 Resp: 301675
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.2 46.2
 215 49.2 26.3 66.3

Manual Integrations
 APPROVED

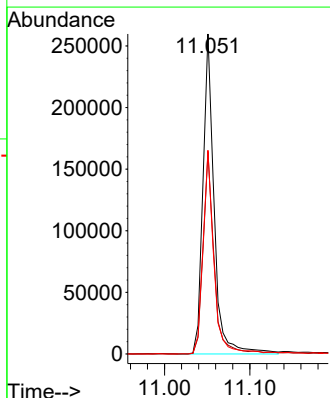
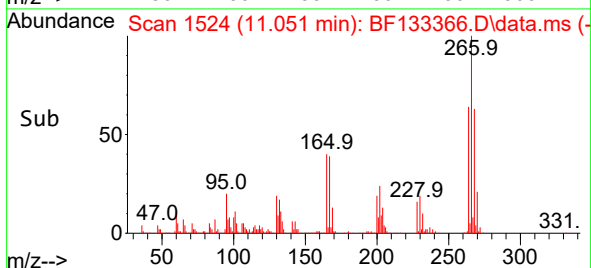
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

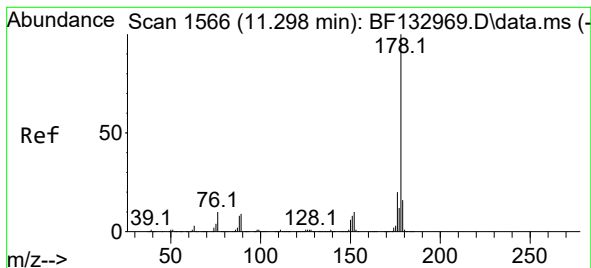


#70
 Pentachlorophenol
 Concen: 36.236 ng
 RT: 11.051 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: BF133366.D
 Acq: 12 May 2023 13:15



Tgt Ion:266 Resp: 236865
 Ion Ratio Lower Upper
 266 100
 268 63.0 48.8 73.2
 264 63.7 50.6 76.0





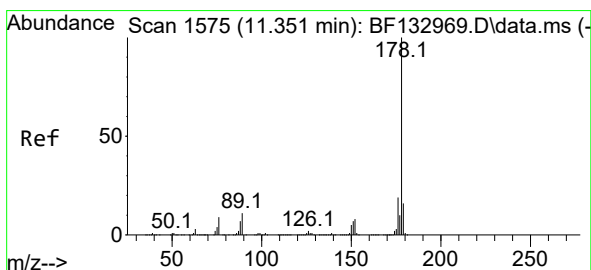
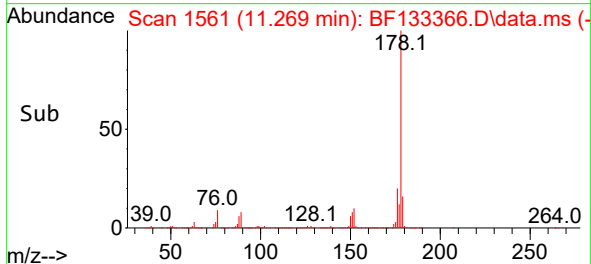
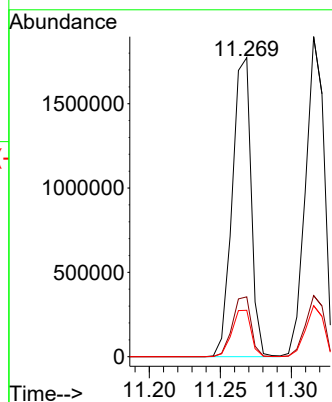
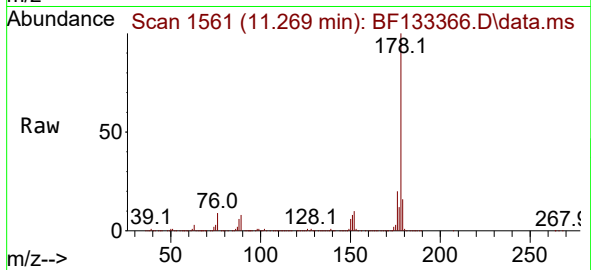
#71
Phenanthrene
Concen: 37.005 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1642609
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.5 12.5 18.7

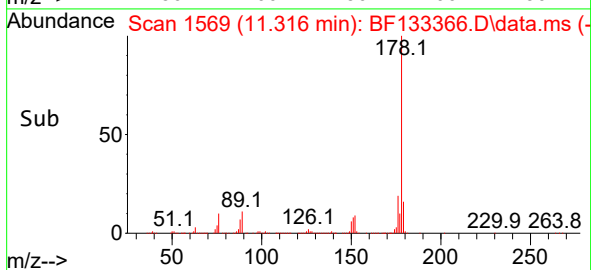
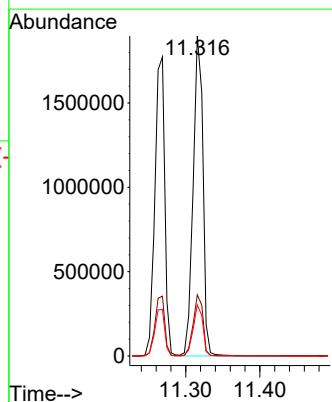
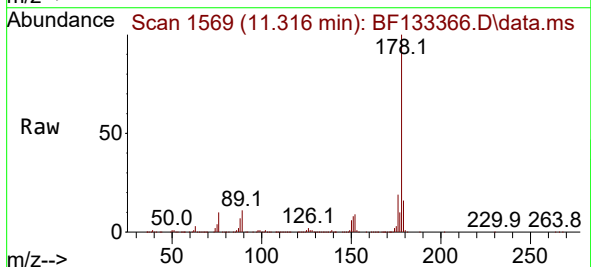
Manual Integrations
APPROVED

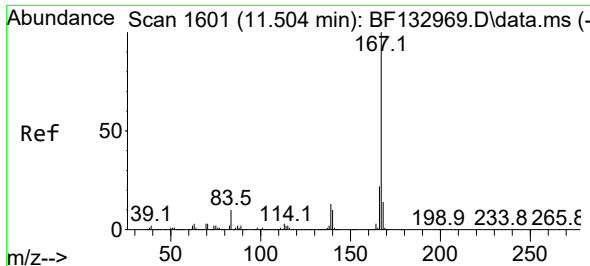
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#72
Anthracene
Concen: 38.252 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

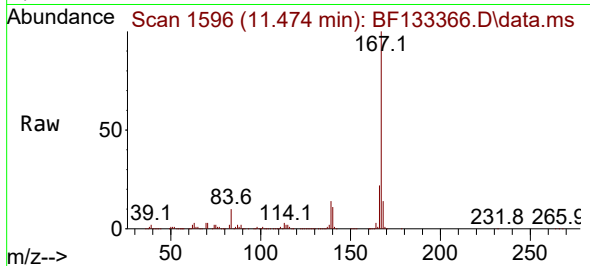
Tgt Ion:178 Resp: 1737650
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.9 12.4 18.6





#73
Carbazole
Concen: 38.762 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

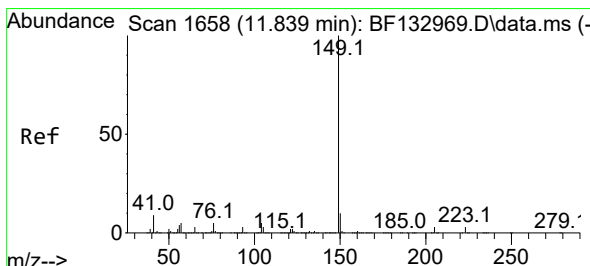
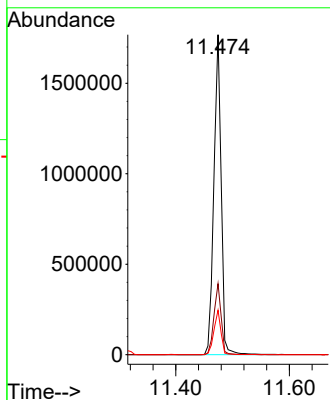
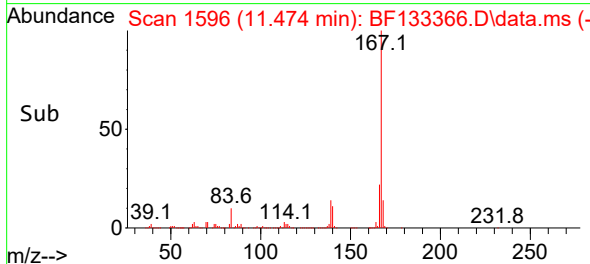
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



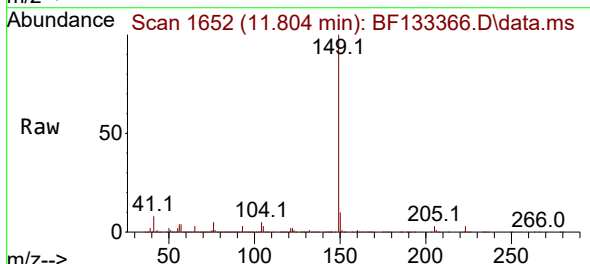
Tgt Ion:167 Resp: 1567915
Ion Ratio Lower Upper
167 100
166 22.2 17.4 26.0
139 13.9 10.6 16.0

Manual Integrations
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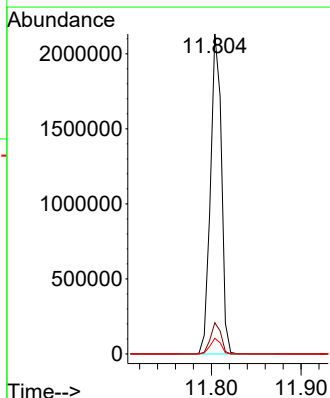
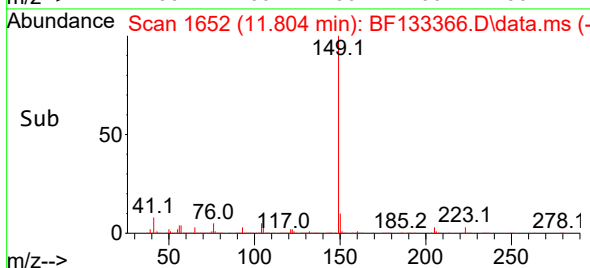
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

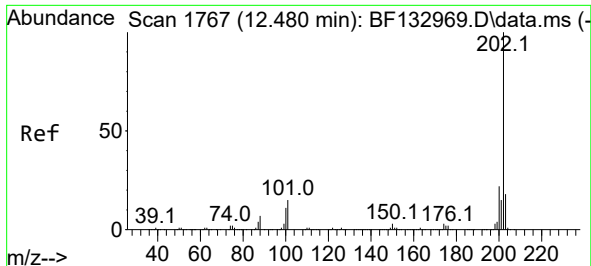


#74
Di-n-butylphthalate
Concen: 39.511 ng
RT: 11.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



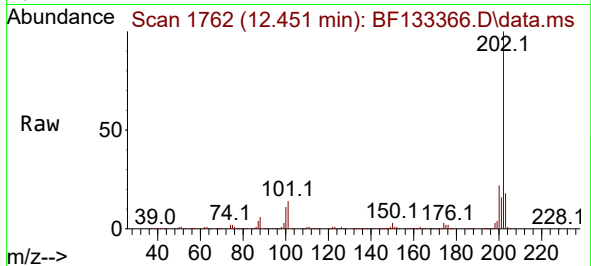
Tgt Ion:149 Resp: 1808623
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 38.095 ng
RT: 12.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

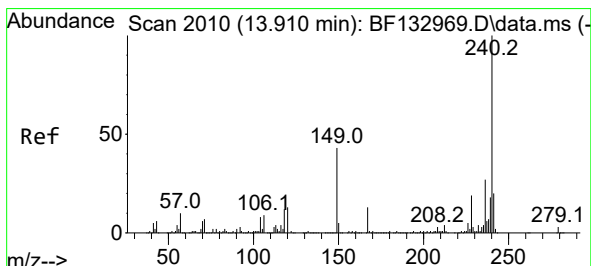
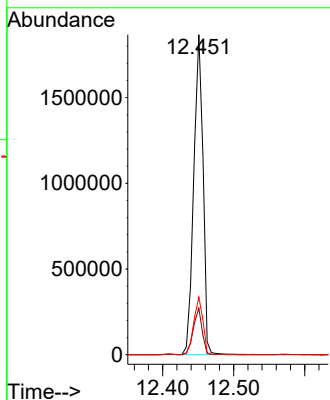
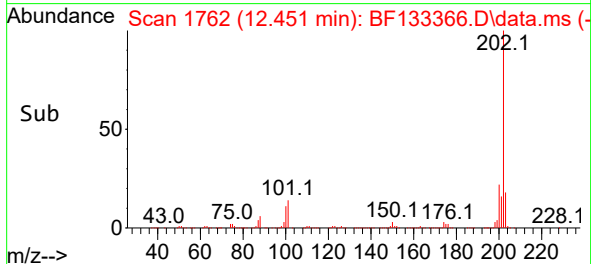
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



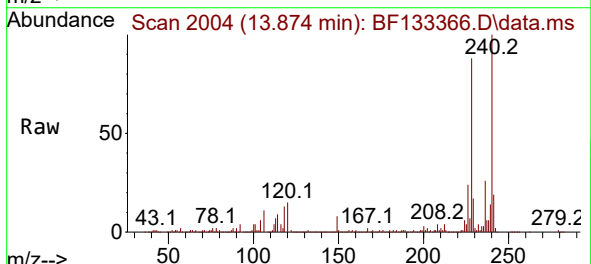
Tgt Ion:202 Resp: 169707
Ion Ratio Lower Upper
202 100
101 14.5 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
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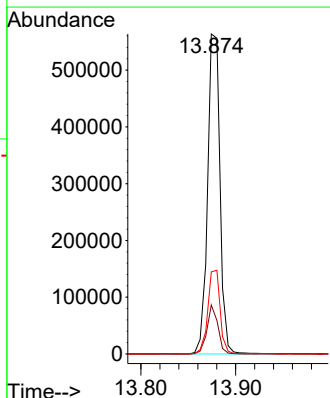
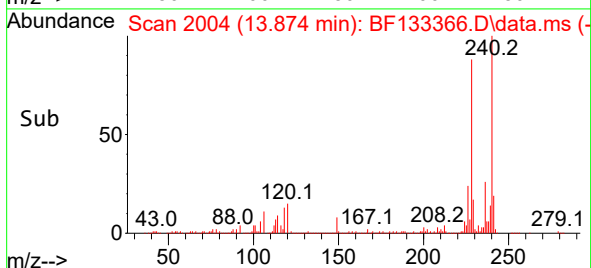
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

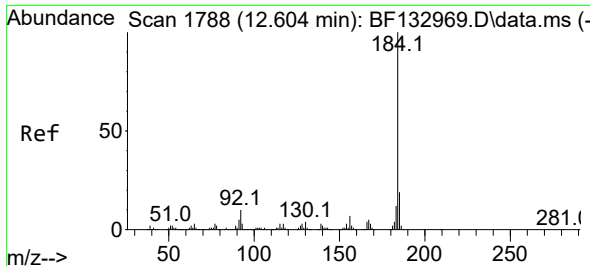


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



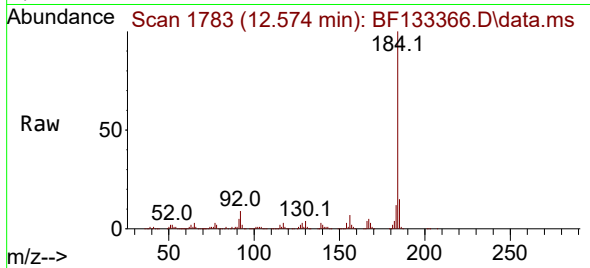
Tgt Ion:240 Resp: 511324
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 25.7 21.5 32.3





#77
Benzidine
Concen: 49.506 ng
RT: 12.574 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

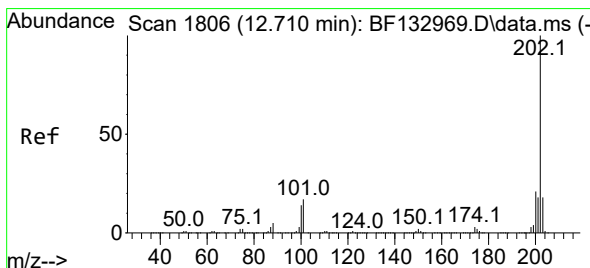
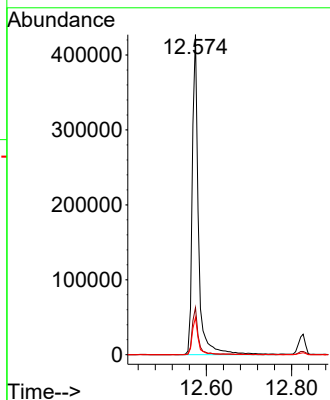
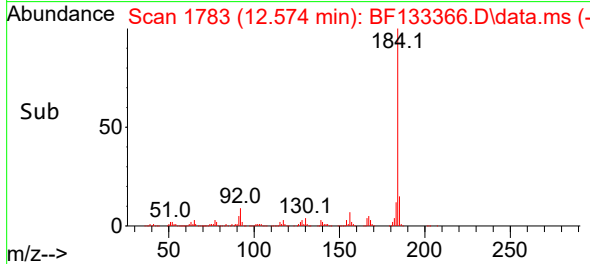
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



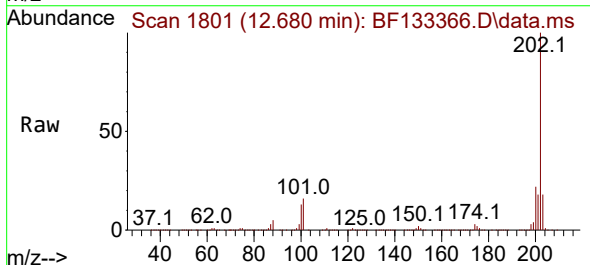
Tgt Ion:184 Resp: 428070
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2
183 11.7 9.4 14.0

Manual Integrations
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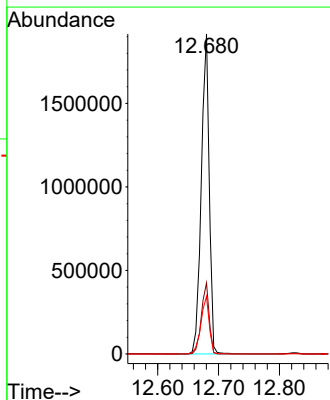
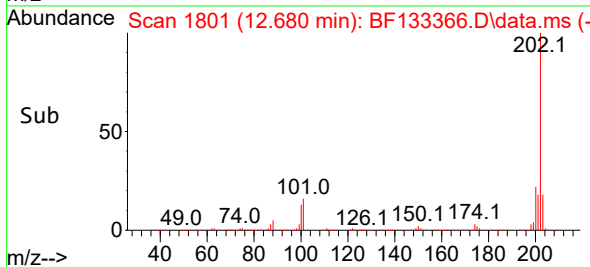
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

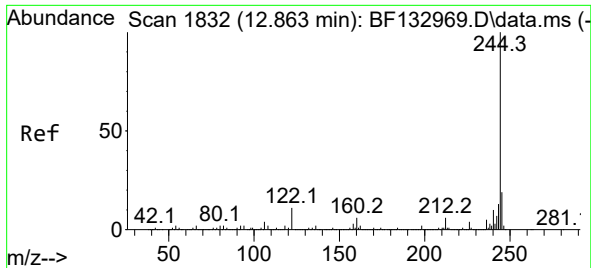


#78
Pyrene
Concen: 39.616 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:202 Resp: 1736449
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 18.0 14.1 21.1





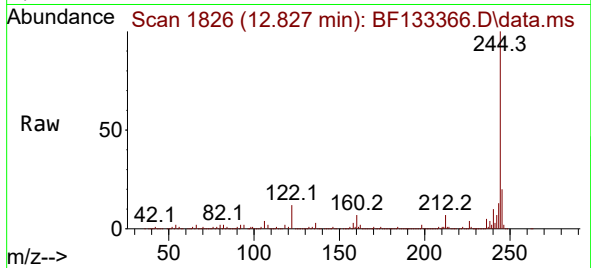
#79
Terphenyl-d14
Concen: 74.563 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

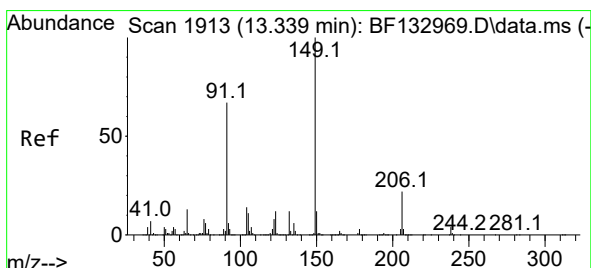
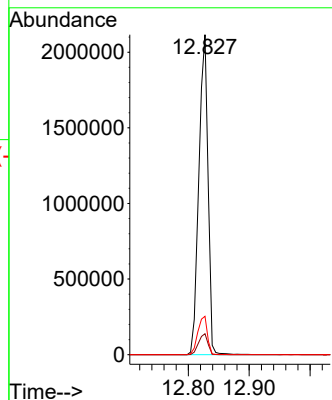
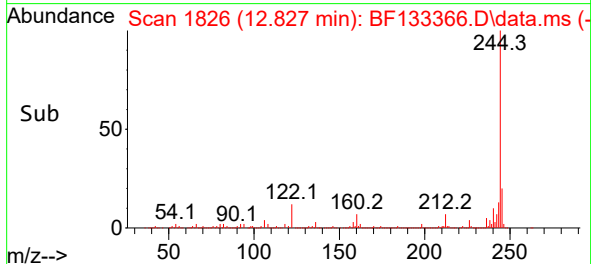


Tgt Ion:244 Resp: 221060
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.0 8.6 13.0

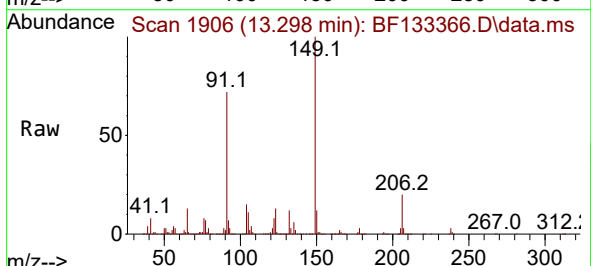
Manual Integrations

APPROVED

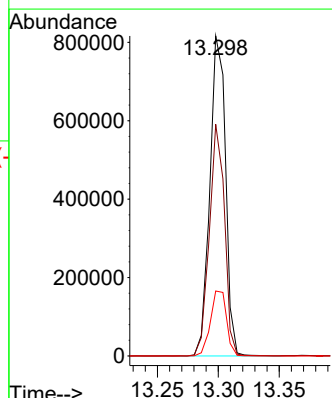
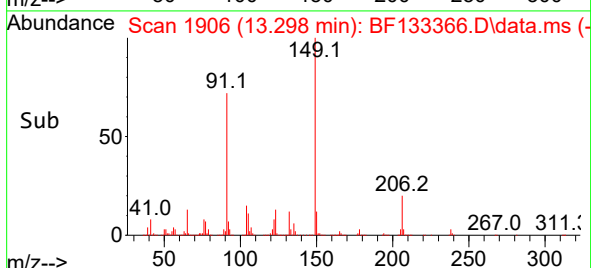
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

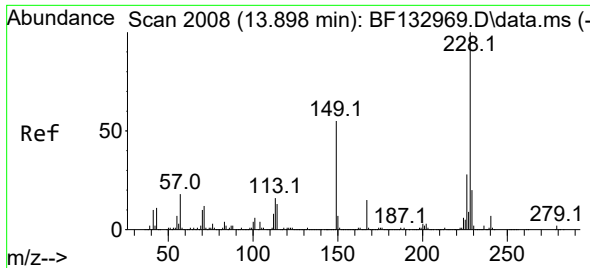


#80
Butylbenzylphthalate
Concen: 47.066 ng
RT: 13.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:149 Resp: 730459
Ion Ratio Lower Upper
149 100
91 72.4 53.8 80.6
206 20.3 17.5 26.3





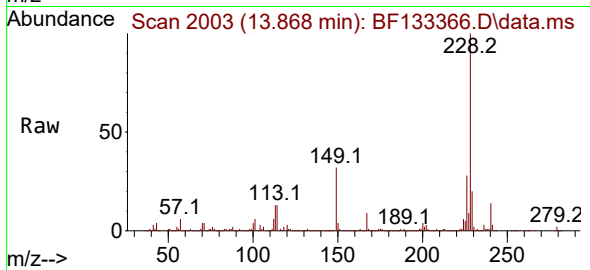
#81
Benzo(a)anthracene
Concen: 36.236 ng
RT: 13.868 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

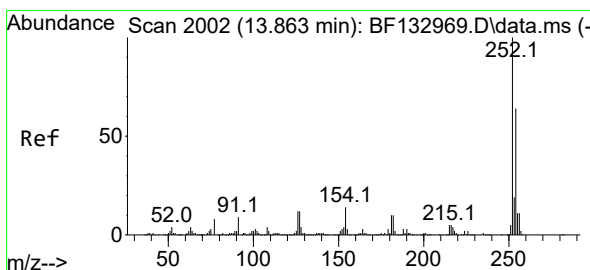
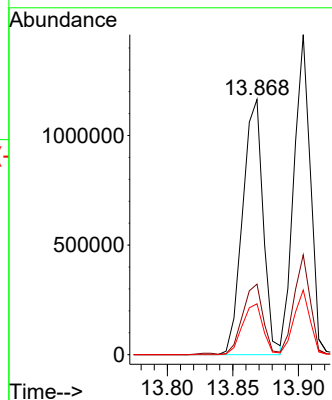
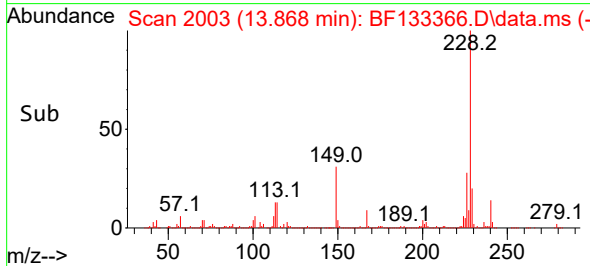


Tgt Ion:228 Resp: 127413
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 16.0 24.0

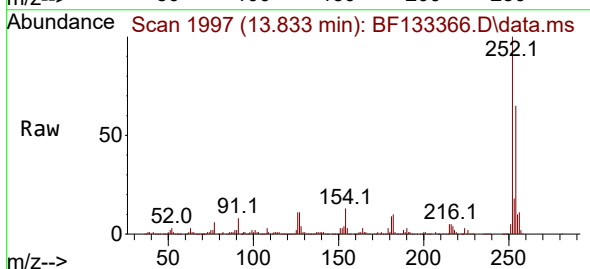
Manual Integrations

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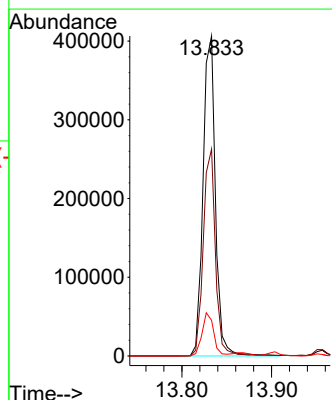
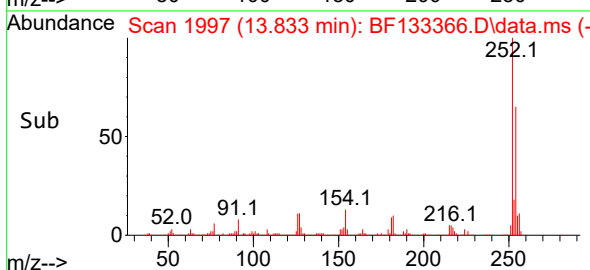
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

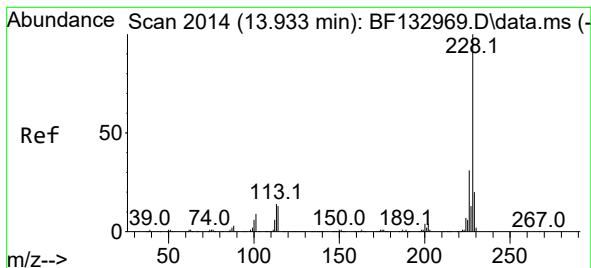


#82
3,3'-Dichlorobenzidine
Concen: 40.127 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:252 Resp: 389773
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.2 9.5 14.3





#83

Chrysene

Concen: 36.503 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1283190

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

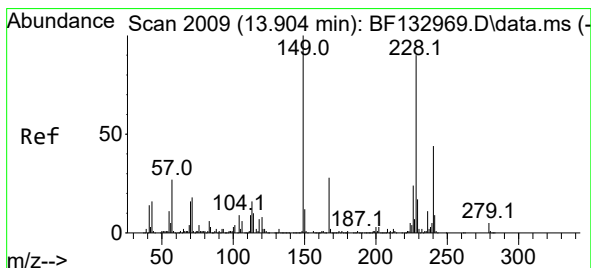
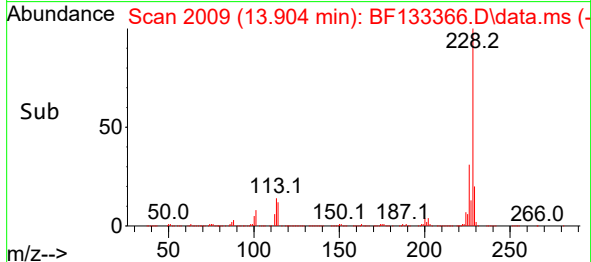
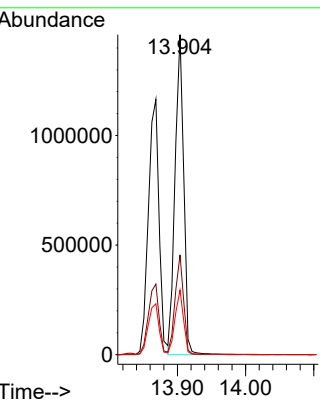
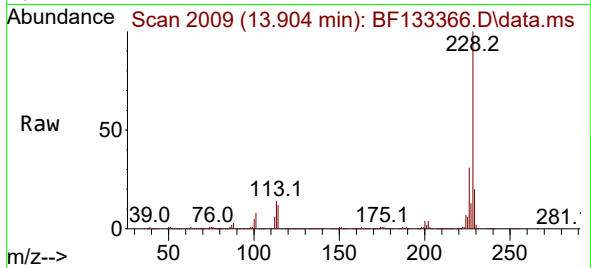
229 20.2 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.741 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

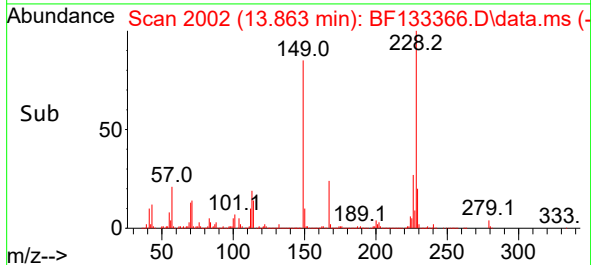
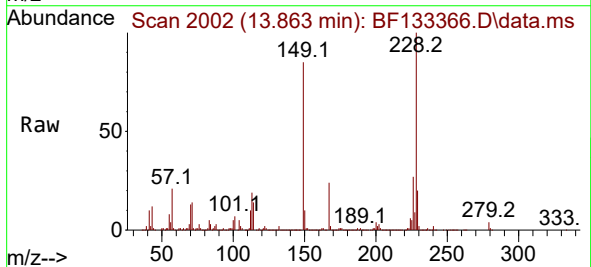
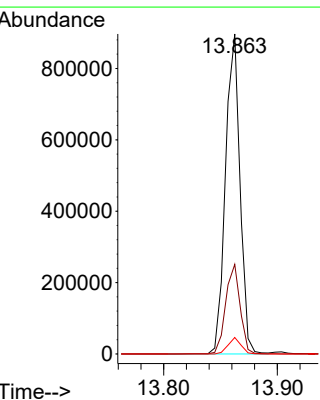
Tgt Ion:149 Resp: 793641

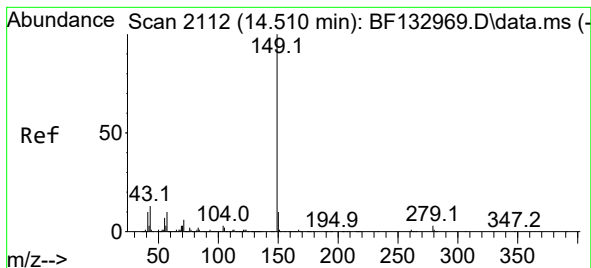
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 5.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 37.789 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1200302

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

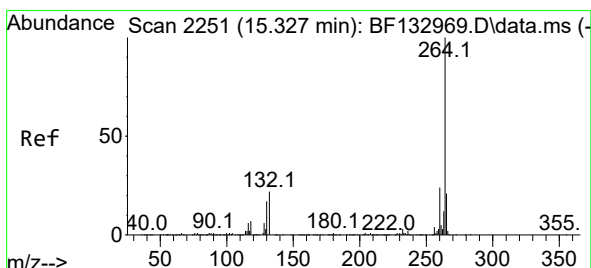
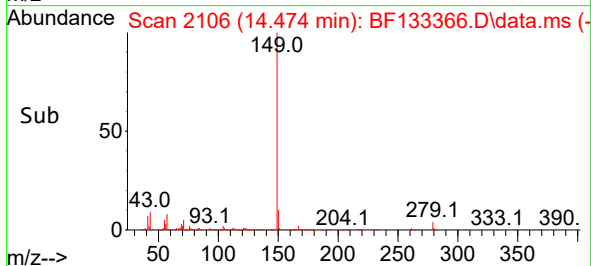
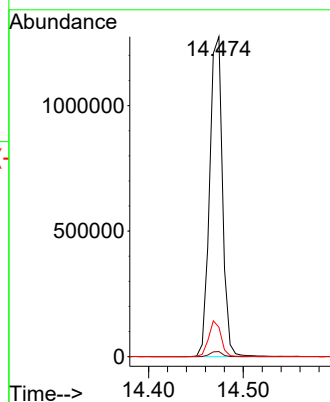
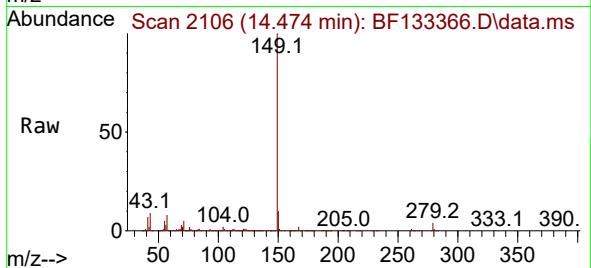
43 10.8 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

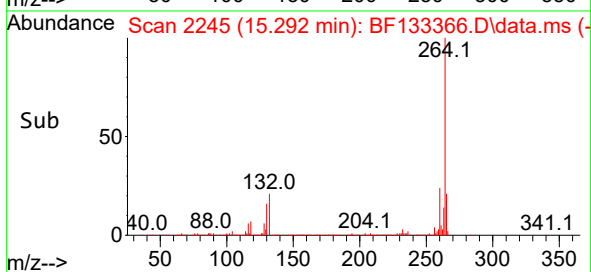
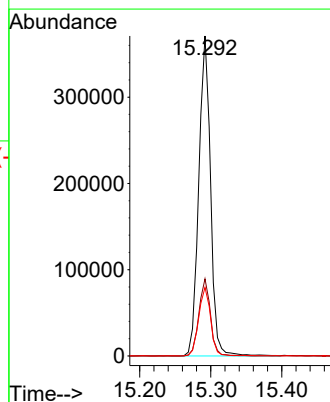
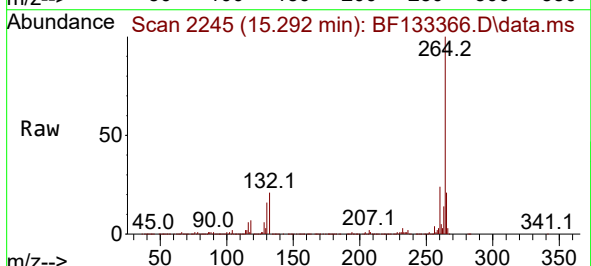
Tgt Ion:264 Resp: 428886

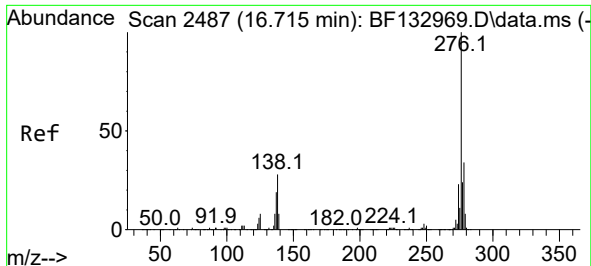
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.4 17.0 25.4





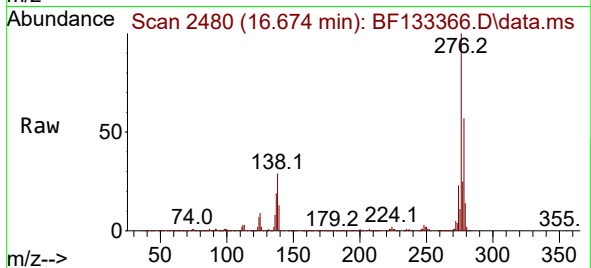
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.611 ng
RT: 16.674 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

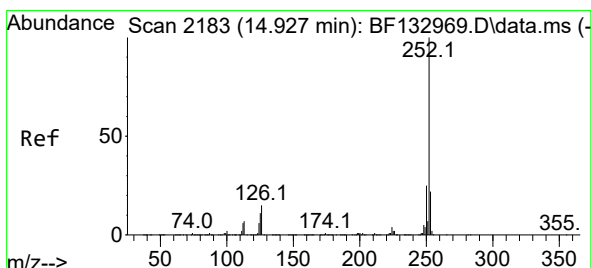
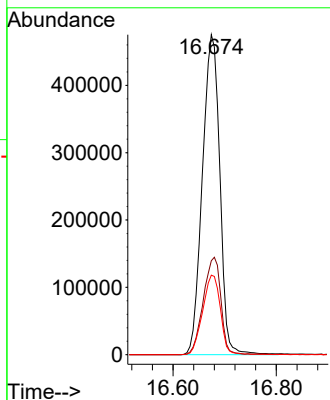
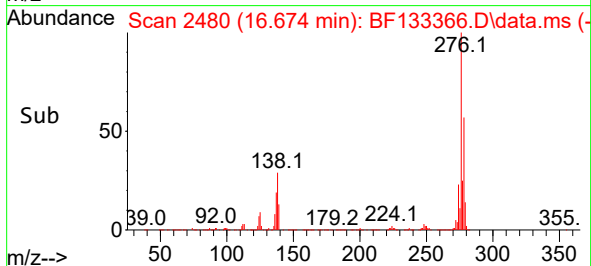


Tgt Ion:276 Resp: 111272
Ion Ratio Lower Upper
276 100
138 30.7 25.5 38.3
277 25.2 20.4 30.6

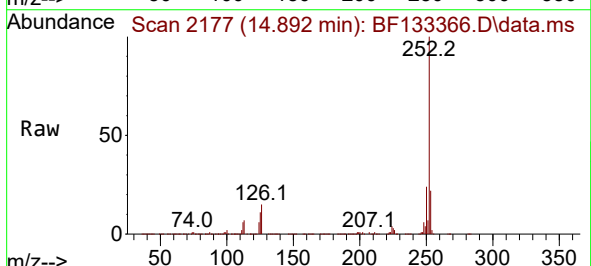
Manual Integrations

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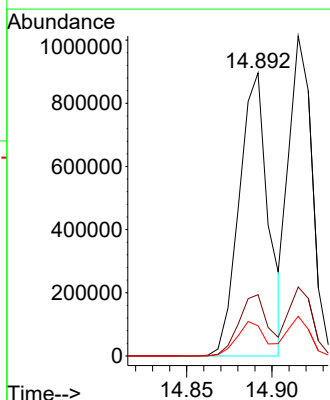
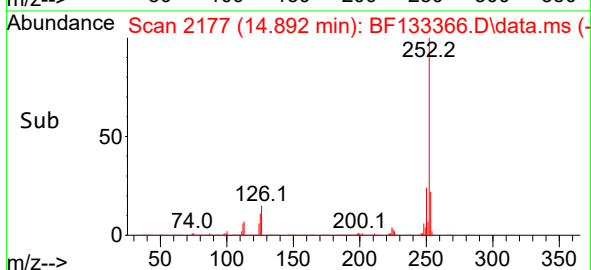
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

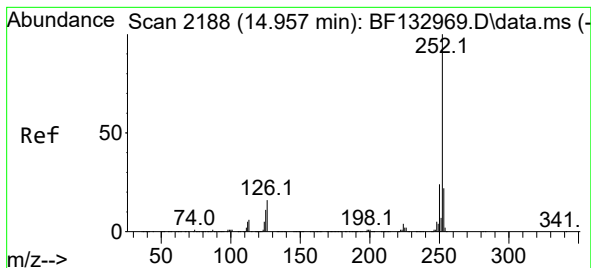


#88
Benzo(b)fluoranthene
Concen: 39.061 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15



Tgt Ion:252 Resp: 1065782
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 36.415 ng

RT: 14.915 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 984934

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

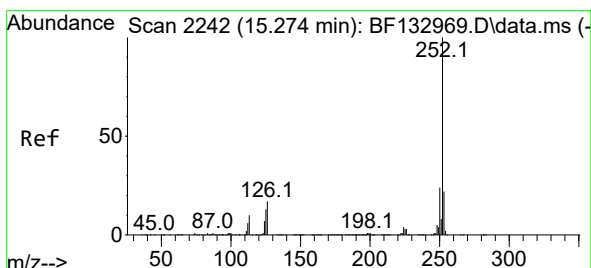
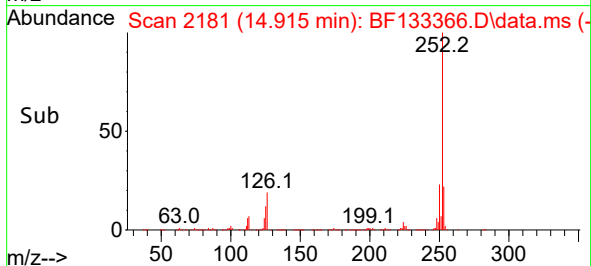
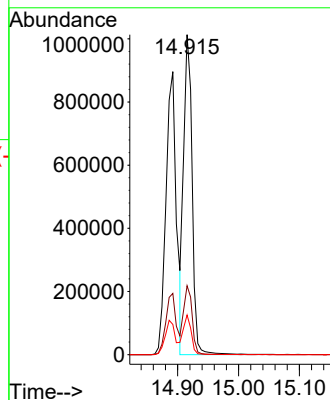
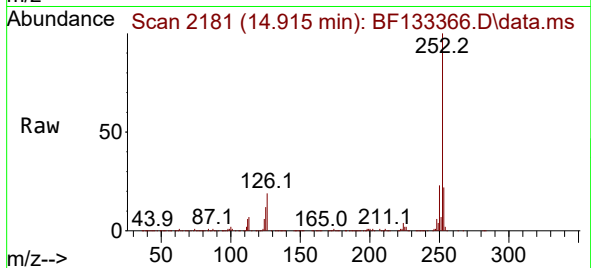
125 12.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 39.060 ng

RT: 15.233 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF133366.D

Acq: 12 May 2023 13:15

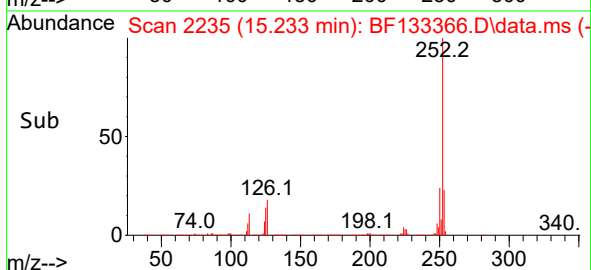
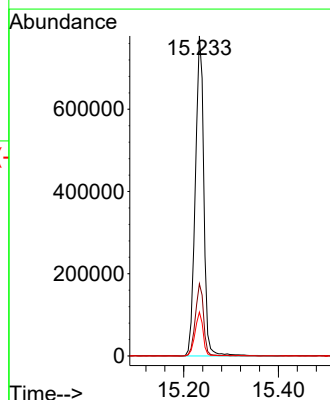
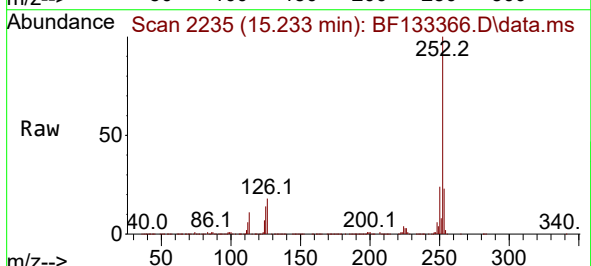
Tgt Ion:252 Resp: 970066

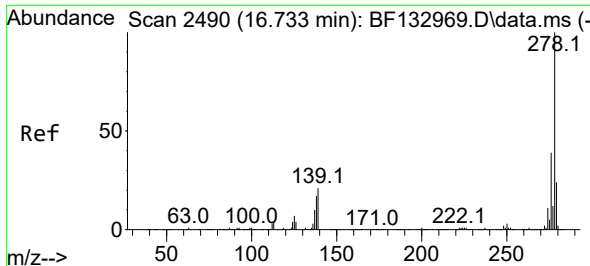
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 13.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 44.931 ng
RT: 16.686 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Instrument :

BNA_F

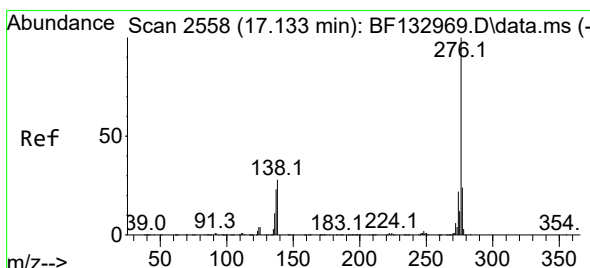
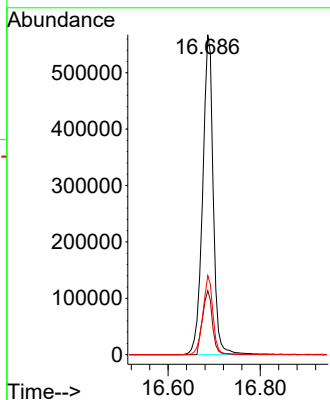
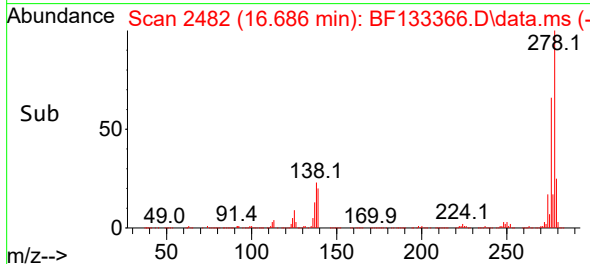
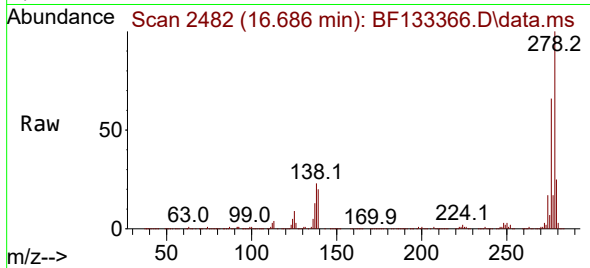
ClientSampleId :

SSTDCCC040

Tgt Ion: 278 Resp: 91422
Ion Ratio Lower Upper
278 100
139 20.0 16.6 24.8
279 24.7 18.8 28.2

Manual Integrations
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Reviewed By : Christian Giraldo 05/15/2023
Supervised By : Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 47.408 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF133366.D
Acq: 12 May 2023 13:15

Tgt Ion: 276 Resp: 952328
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.0
138 25.2 22.7 34.1

