

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133076.D
 Acq On : 26 Apr 2023 21:03
 Operator : CG\JU
 Sample : 02427-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31MS

Quant Time: Apr 27 02:01:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	174942	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	718539	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	373765	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	671301	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	371317	20.000	ng	0.00
86) Perylene-d12	15.304	264	385680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1235448	106.680	ng	0.01
7) Phenol-d6	6.381	99	1538585	107.037	ng	0.00
23) Nitrobenzene-d5	7.304	82	876035	65.808	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	409420	108.920	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1440539	64.480	ng	0.00
79) Terphenyl-d14	12.839	244	1525515	70.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	242465	45.138	ng	97
3) Pyridine	3.157	79	606566	42.515	ng	96
4) n-Nitrosodimethylamine	3.116	42	320231	43.334	ng	93
6) Aniline	6.398	93	703970	38.024	ng	# 84
8) 2-Chlorophenol	6.522	128	591337	50.291	ng	95
9) Benzaldehyde	6.281	77	350705	65.259	ng	99
10) Phenol	6.392	94	711540	44.871	ng	76
11) bis(2-Chloroethyl)ether	6.475	93	558613	46.944	ng	97
12) 1,3-Dichlorobenzene	6.675	146	627779	50.217	ng	100
13) 1,4-Dichlorobenzene	6.751	146	626729	50.022	ng	99
14) 1,2-Dichlorobenzene	6.904	146	605940	52.458	ng	97
15) Benzyl Alcohol	6.881	79	486190	48.965	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	919401	44.484	ng	97
17) 2-Methylphenol	6.998	107	485661	45.107	ng	98
18) Hexachloroethane	7.251	117	218970	50.269	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	383656	42.872	ng	97
20) 3+4-Methylphenols	7.151	107	579134	45.674	ng	97
22) Acetophenone	7.151	105	775903	46.616	ng	98
24) Nitrobenzene	7.322	77	597921	44.325	ng	99
25) Isophorone	7.563	82	1124700	44.499	ng	99
26) 2-Nitrophenol	7.639	139	331436	50.941	ng	93
27) 2,4-Dimethylphenol	7.681	122	535675	48.014	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	680291	45.497	ng	99
29) 2,4-Dichlorophenol	7.881	162	492963	48.538	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	514946	48.941	ng	98
31) Naphthalene	8.045	128	1653681	46.032	ng	99
32) Benzoic acid	7.804	122	372222m	54.013	ng	
33) 4-Chloroaniline	8.092	127	375348	25.859	ng	99
34) Hexachlorobutadiene	8.163	225	277621	47.606	ng	98
35) Caprolactam	8.469	113	180761m	52.980	ng	
36) 4-Chloro-3-methylphenol	8.581	107	536580	48.993	ng	98
37) 2-Methylnaphthalene	8.733	142	1099639	44.772	ng	98
38) 1-Methylnaphthalene	8.833	142	1034600	45.029	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	454904	45.266	ng	100
41) Hexachlorocyclopentadiene	8.892	237	502214	85.689	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	330978	47.623	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133076.D
 Acq On : 26 Apr 2023 21:03
 Operator : CG\JU
 Sample : 02427-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31MS

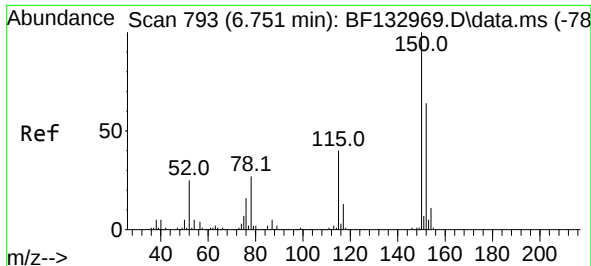
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 02:01:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

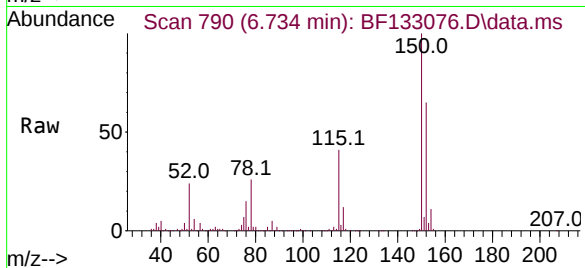
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	355171	44.188	ng	99
46) 1,1'-Biphenyl	9.198	154	1353240	45.659	ng	99
47) 2-Chloronaphthalene	9.222	162	1031363	47.544	ng	98
48) 2-Nitroaniline	9.316	65	329758	45.995	ng	96
49) Acenaphthylene	9.633	152	1588941	45.841	ng	100
50) Dimethylphthalate	9.504	163	1193237	45.785	ng	99
51) 2,6-Dinitrotoluene	9.563	165	283413	48.316	ng	# 81
52) Acenaphthene	9.810	154	1154482m	49.730	ng	
53) 3-Nitroaniline	9.728	138	255535	36.638	ng	97
54) 2,4-Dinitrophenol	9.833	184	307700	104.359	ng	99
55) Dibenzofuran	9.980	168	1439006	45.441	ng	98
56) 4-Nitrophenol	9.898	139	513724	95.099	ng	95
57) 2,4-Dinitrotoluene	9.963	165	382669	51.155	ng	93
58) Fluorene	10.322	166	1061286	45.743	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	303115	48.643	ng	97
60) Diethylphthalate	10.204	149	1133375	46.040	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	508393	44.966	ng	98
62) 4-Nitroaniline	10.345	138	325032	50.704	ng	96
63) Azobenzene	10.475	77	1169983	44.865	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	216754	53.271	ng	81
66) n-Nitrosodiphenylamine	10.439	169	980253	45.017	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	332397	45.655	ng	99
68) Hexachlorobenzene	10.869	284	364749	48.891	ng	98
69) Atrazine	10.963	200	336241	53.589	ng	98
70) Pentachlorophenol	11.063	266	424570	79.908	ng	98
71) Phenanthrene	11.280	178	1651208	45.765	ng	100
72) Anthracene	11.333	178	1678096	45.447	ng	100
73) Carbazole	11.486	167	1543231	46.937	ng	99
74) Di-n-butylphthalate	11.822	149	1792579	48.178	ng	99
75) Fluoranthene	12.469	202	1651308	45.603	ng	96
77) Benzidine	12.586	184	520700	82.925	ng	# 93
78) Pyrene	12.692	202	1693344	53.199	ng	100
80) Butylbenzylphthalate	13.316	149	698450	61.972	ng	95
81) Benzo(a)anthracene	13.880	228	1208024	47.310	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	356673	50.564	ng	99
83) Chrysene	13.916	228	1163130	45.563	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	783238	55.367	ng	100
85) Di-n-octyl phthalate	14.492	149	1265560	54.866	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1396326	63.648	ng	100
88) Benzo(b)fluoranthene	14.904	252	1125074	45.853	ng	98
89) Benzo(k)fluoranthene	14.933	252	1071550	44.056	ng	99
90) Benzo(a)pyrene	15.251	252	1004220	44.965	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1159369	63.362	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1125400	62.299	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

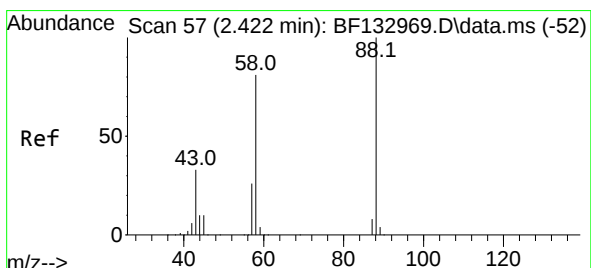
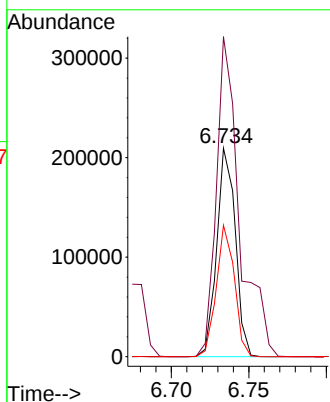
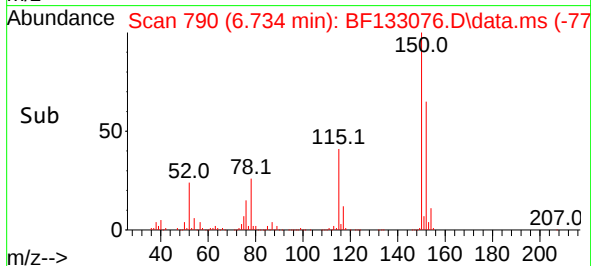
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion: 152 Resp: 17494
Ion Ratio Lower Upper
152 100
150 153.5 124.8 187.2
115 63.0 49.9 74.9

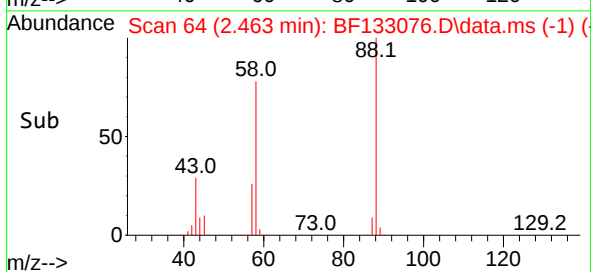
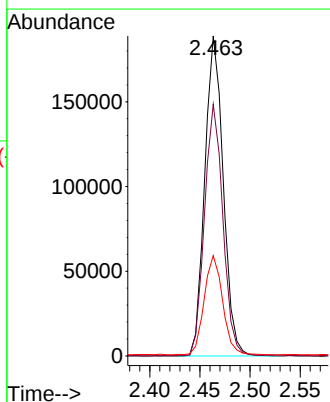
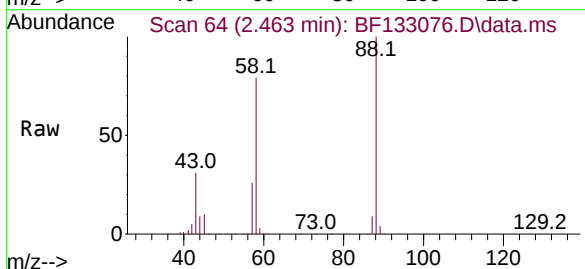
Manual Integrations
APPROVED

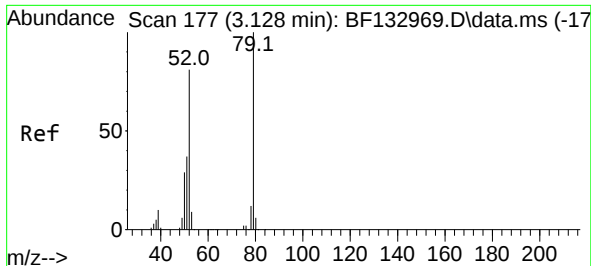
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#2
1,4-Dioxane
Concen: 45.138 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.077 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

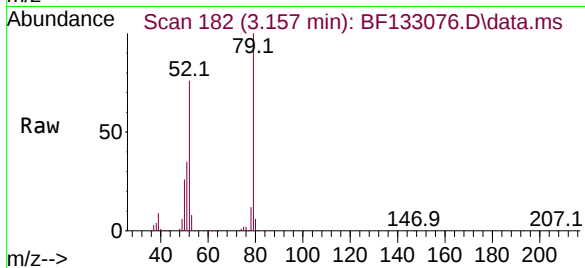
Tgt Ion: 88 Resp: 242465
Ion Ratio Lower Upper
88 100
58 78.1 64.7 97.1
43 31.2 26.2 39.2





#3
Pyridine
Concen: 42.515 ng
RT: 3.157 min Scan# 175
Delta R.T. 0.077 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

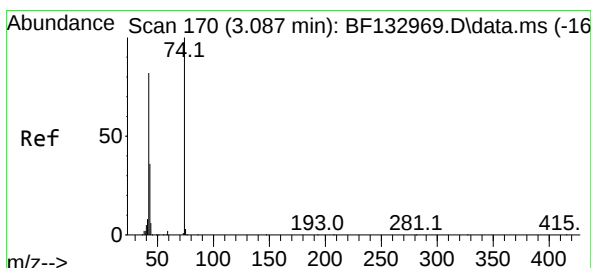
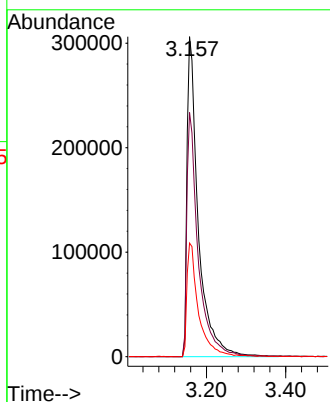
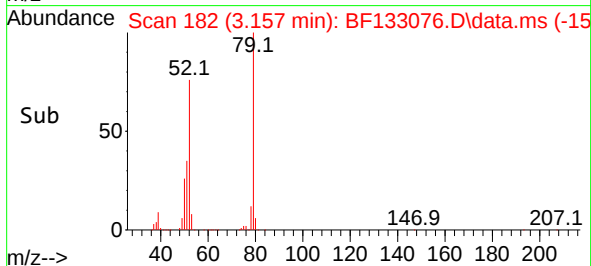
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



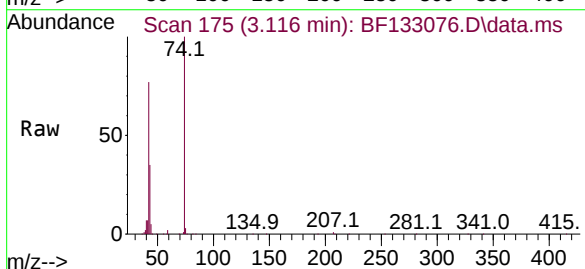
Tgt Ion: 79 Resp: 60656
Ion Ratio Lower Upper
79 100
52 76.3 64.6 96.8
51 35.5 30.0 45.0

Manual Integrations
APPROVED

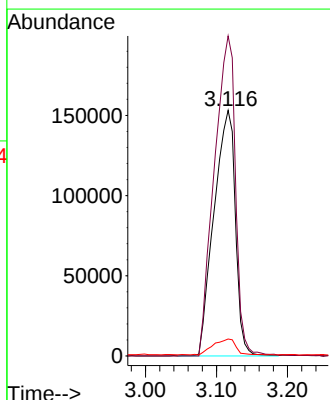
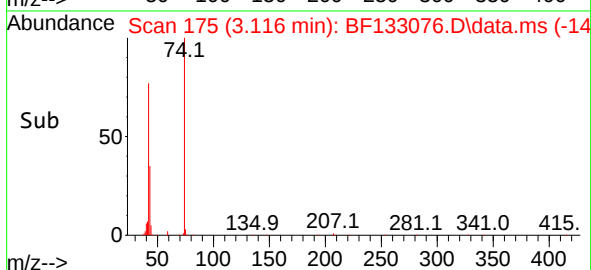
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

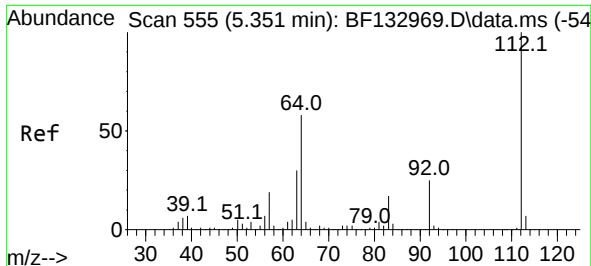


#4
n-Nitrosodimethylamine
Concen: 43.334 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.077 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



Tgt Ion: 42 Resp: 320231
Ion Ratio Lower Upper
42 100
74 130.3 98.0 147.0
44 6.9 5.8 8.8





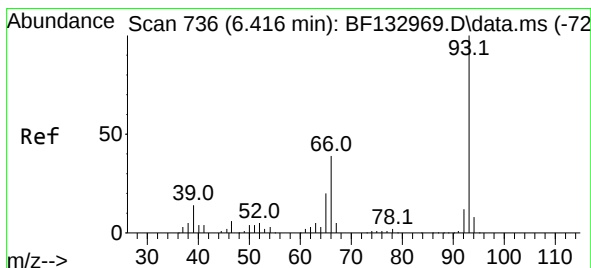
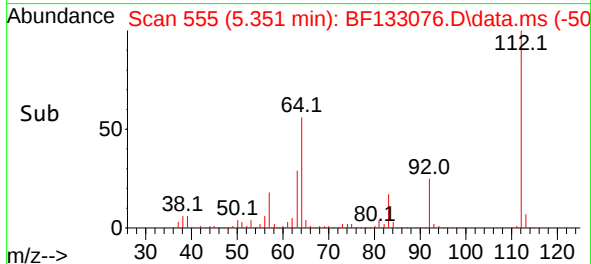
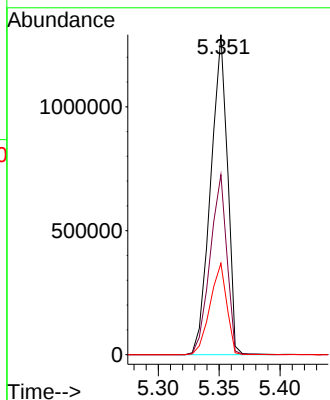
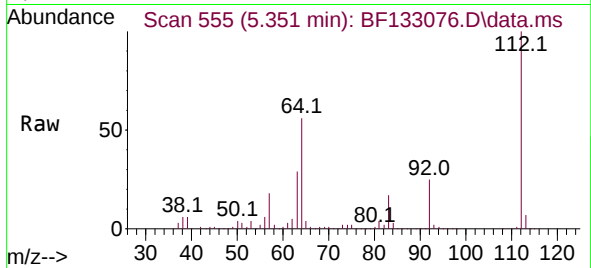
#5
2-Fluorophenol
Concen: 106.680 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

Tgt Ion:112 Resp: 1235448
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.5 23.8 35.8

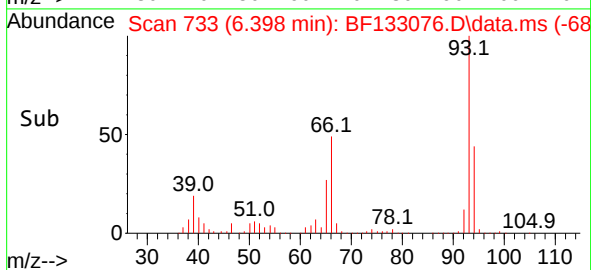
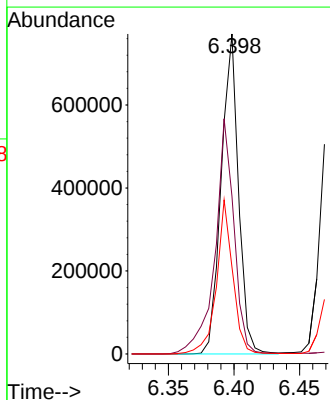
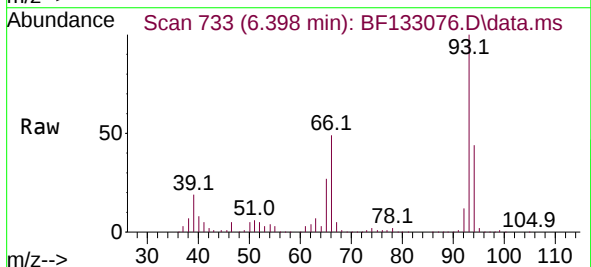
Manual Integrations
APPROVED

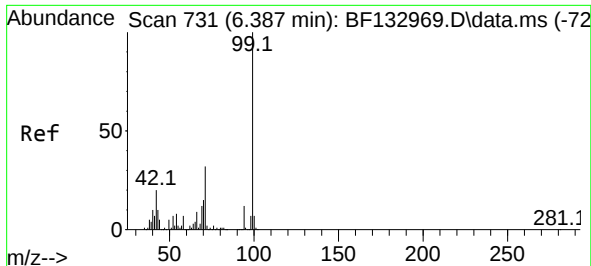
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#6
Aniline
Concen: 38.024 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion: 93 Resp: 703970
Ion Ratio Lower Upper
93 100
66 49.3 31.5 47.3#
65 27.1 16.4 24.6#





#7

Phenol-d6

Concen: 107.037 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion: 99 Resp: 153858

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

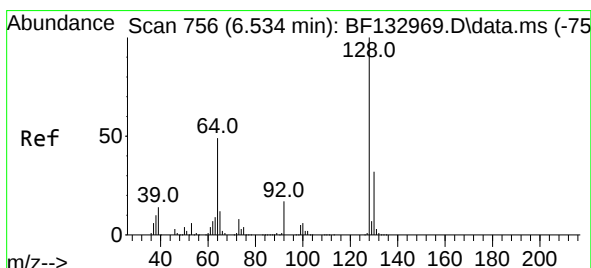
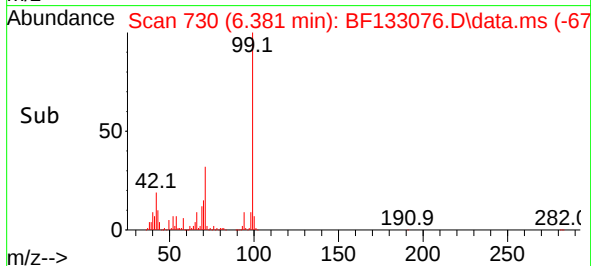
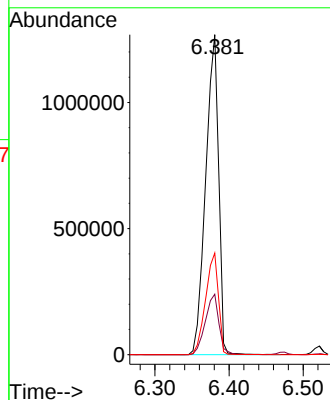
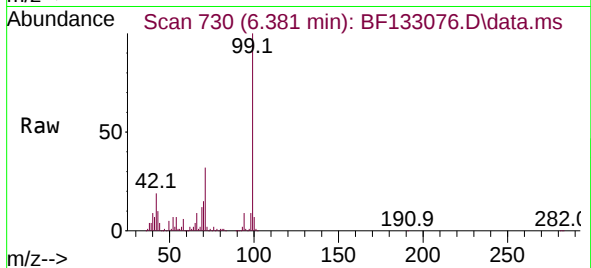
71 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#8

2-Chlorophenol

Concen: 50.291 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

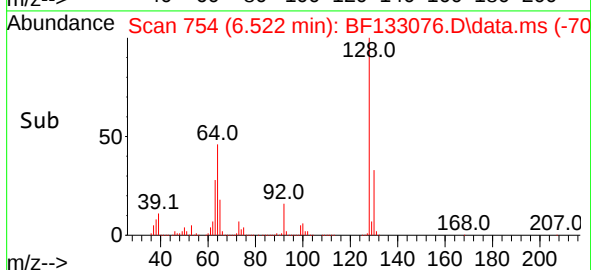
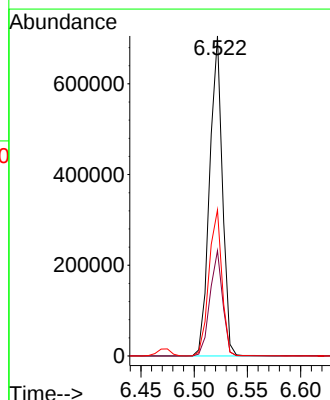
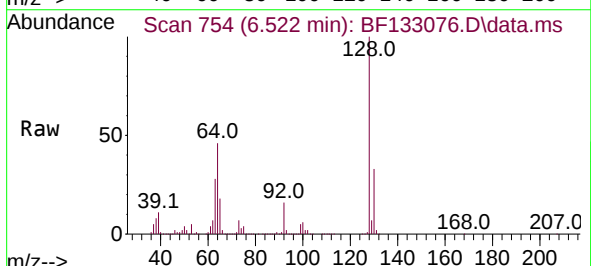
Tgt Ion:128 Resp: 591337

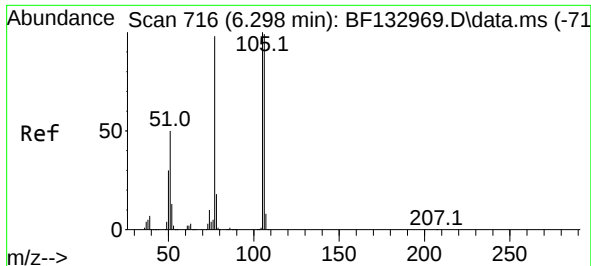
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 45.6 30.3 70.3





#9

Benzaldehyde

Concen: 65.259 ng

RT: 6.281 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF133076.D

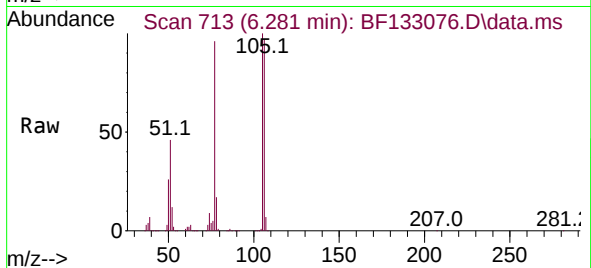
Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



Tgt Ion: 77 Resp: 35070

Ion Ratio Lower Upper

77 100

105 104.1 82.3 122.3

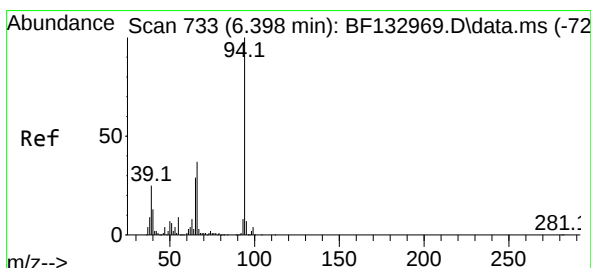
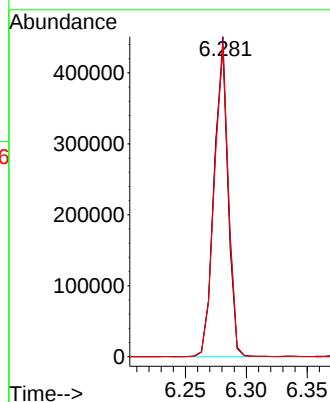
106 101.4 80.8 120.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#10

Phenol

Concen: 44.871 ng

RT: 6.392 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

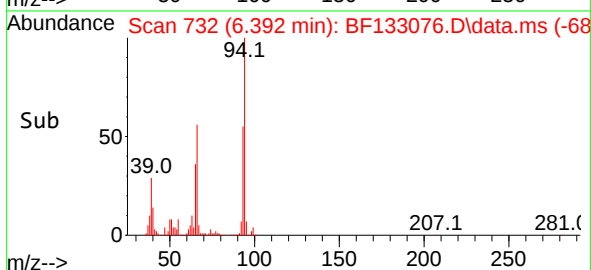
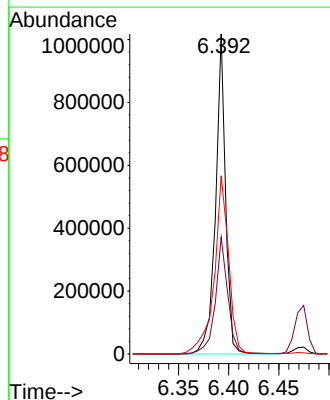
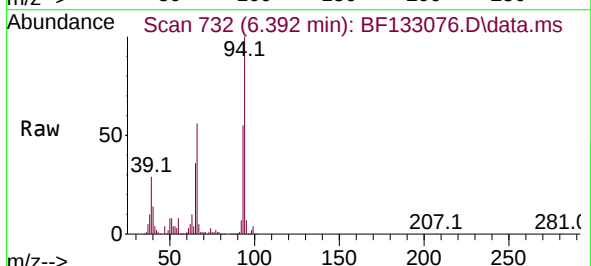
Tgt Ion: 94 Resp: 711540

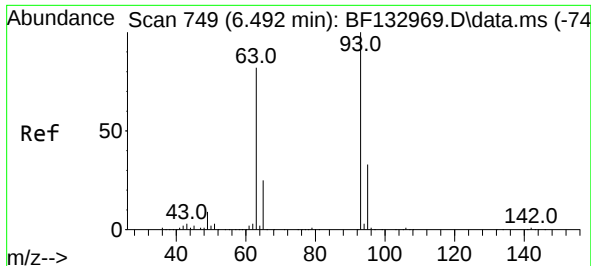
Ion Ratio Lower Upper

94 100

65 36.5 8.6 48.6

66 55.7 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 46.944 ng

RT: 6.475 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion: 93 Resp: 55861

Ion Ratio Lower Upper

93 100

63 76.7 60.6 100.6

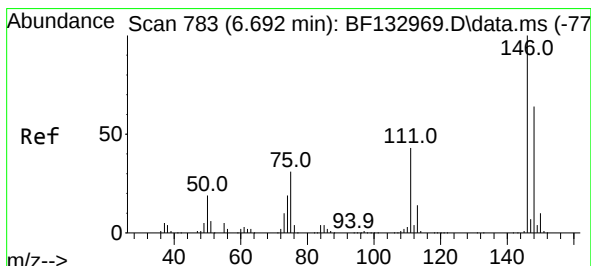
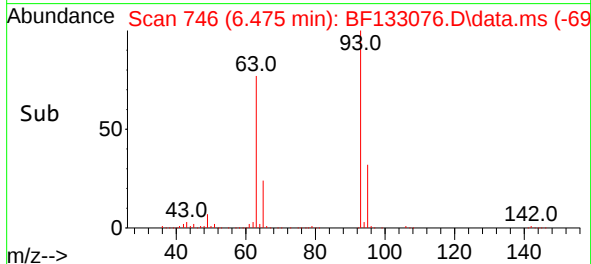
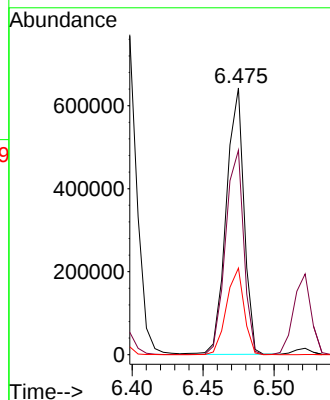
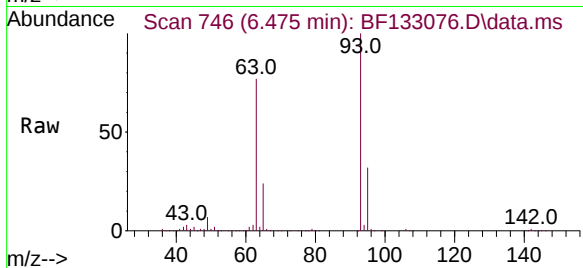
95 32.5 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#12

1,3-Dichlorobenzene

Concen: 50.217 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

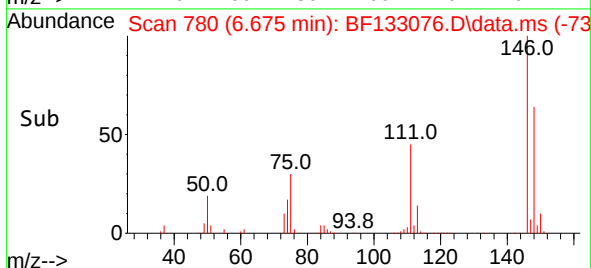
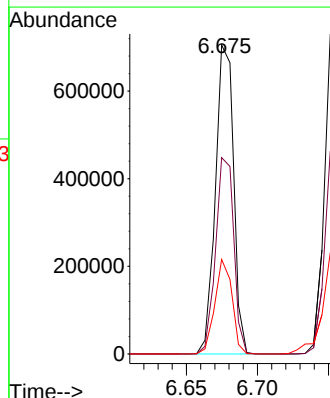
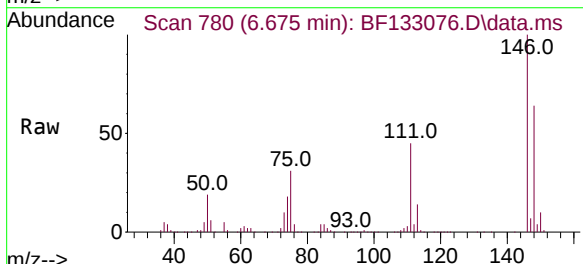
Tgt Ion:146 Resp: 627779

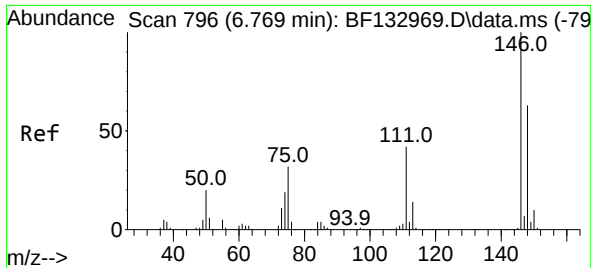
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

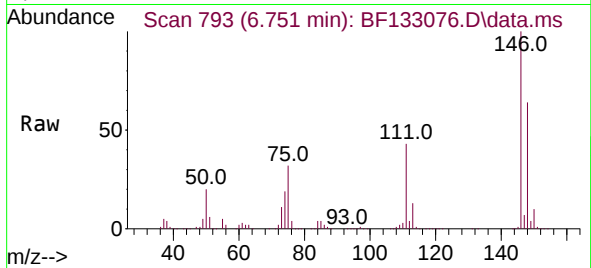
75 30.6 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 50.022 ng
RT: 6.751 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

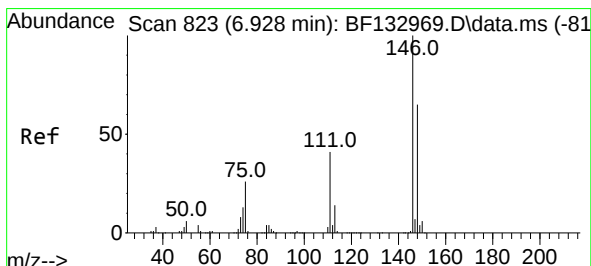
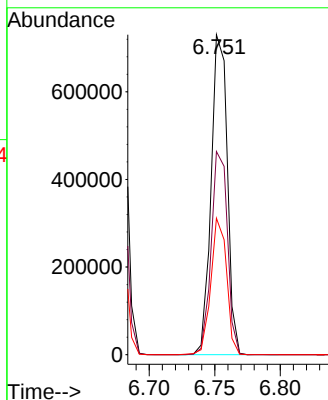
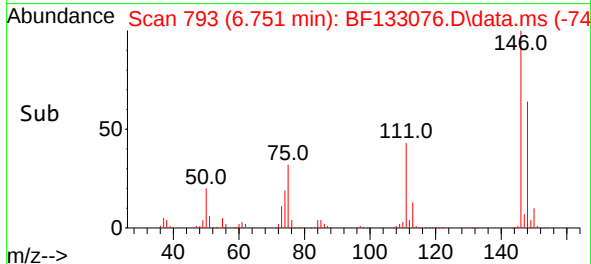
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



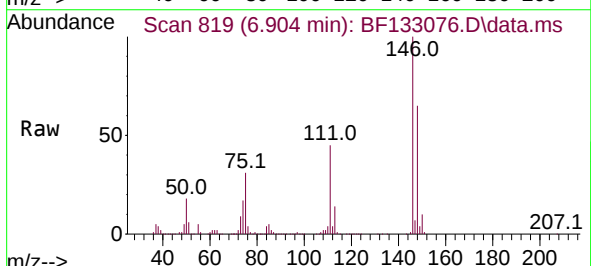
Tgt Ion:146 Resp: 626729
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 42.7 33.8 50.6

Manual Integrations
APPROVED

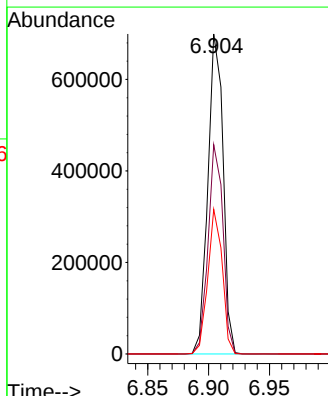
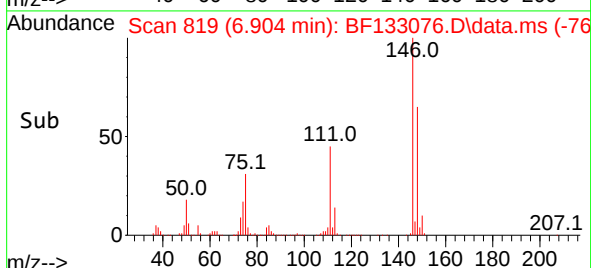
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

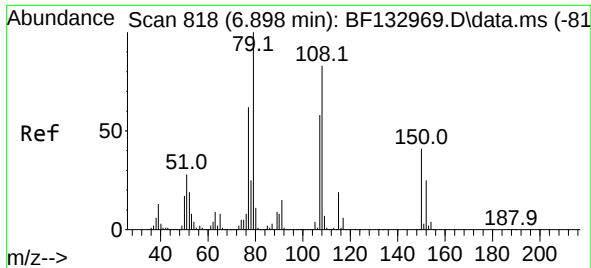


#14
1,2-Dichlorobenzene
Concen: 52.458 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



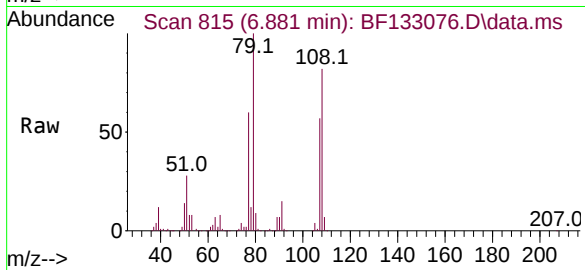
Tgt Ion:146 Resp: 605940
Ion Ratio Lower Upper
146 100
148 65.4 52.2 78.2
111 45.2 32.8 49.2





#15
Benzyl Alcohol
Concen: 48.965 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

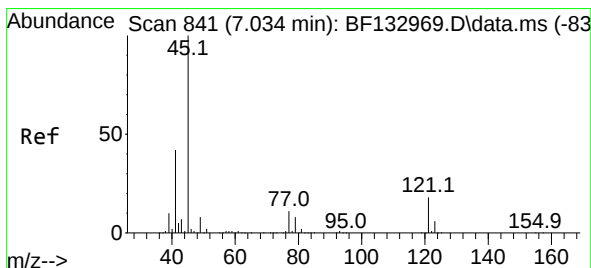
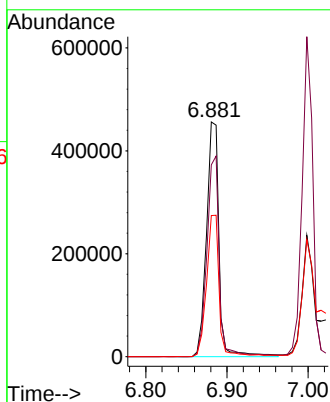
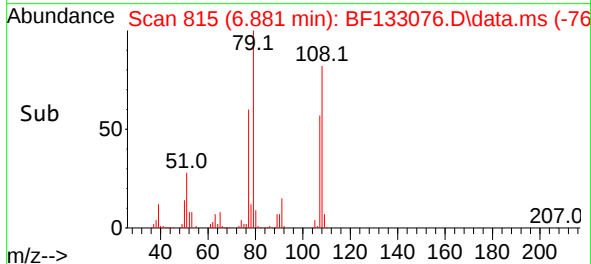
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion: 79 Resp: 486190
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 60.1 49.2 73.8

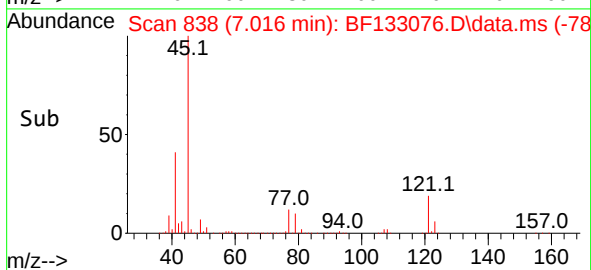
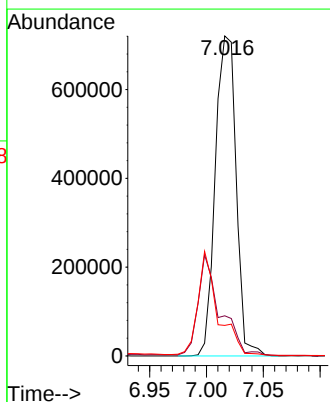
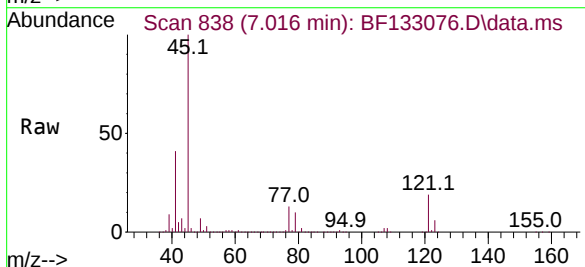
Manual Integrations
APPROVED

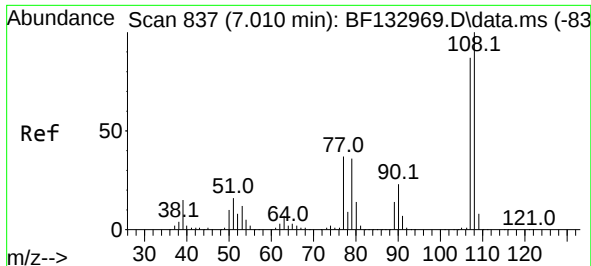
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.484 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion: 45 Resp: 919401
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.6 0.0 28.7





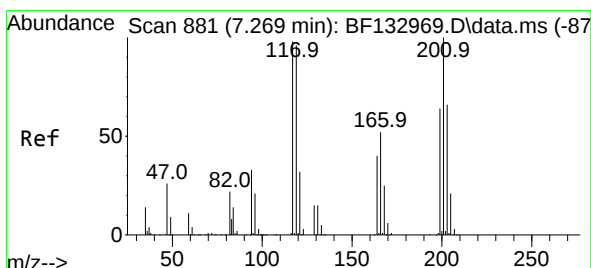
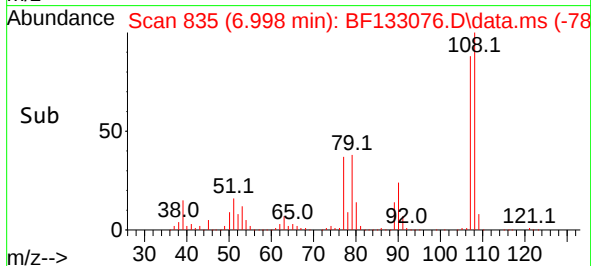
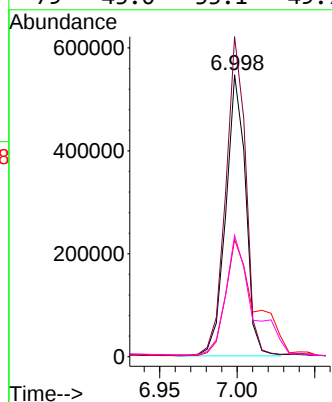
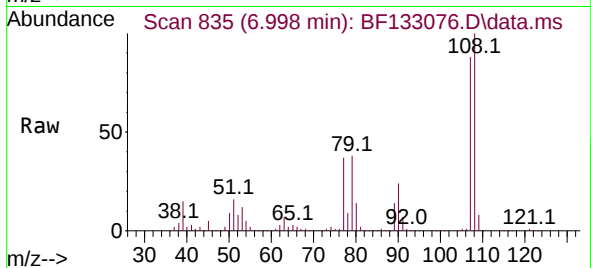
#17
2-Methylphenol
Concen: 45.107 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

Tgt Ion:107 Resp: 48566
Ion Ratio Lower Upper
107 100
108 113.5 92.4 138.6
77 41.6 33.8 50.8
79 43.0 33.1 49.7

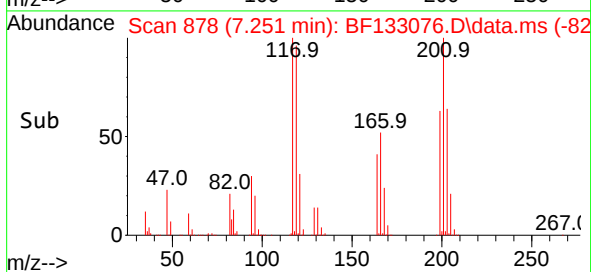
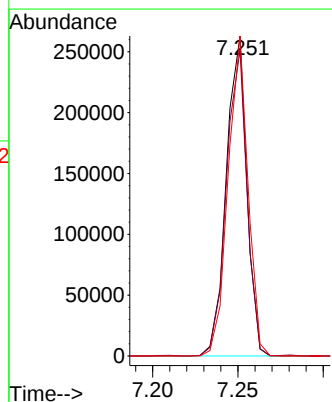
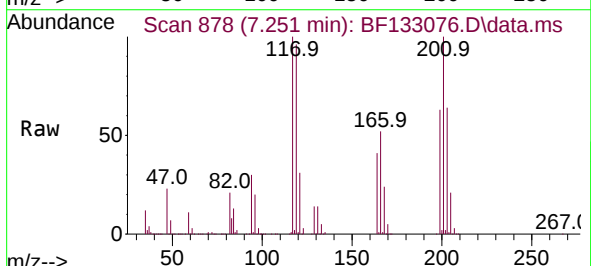
Manual Integrations
APPROVED

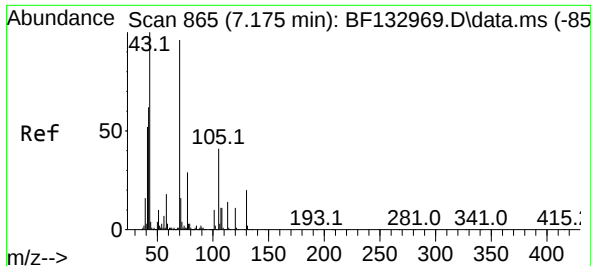
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#18
Hexachloroethane
Concen: 50.269 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

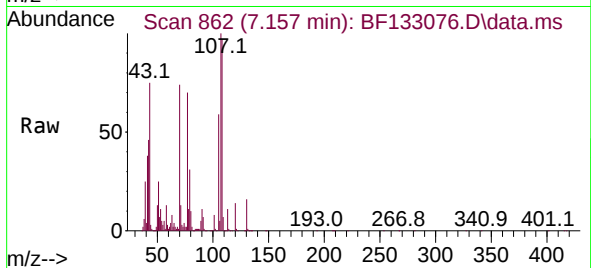
Tgt Ion:117 Resp: 218970
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4
201 100.1 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 42.872 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

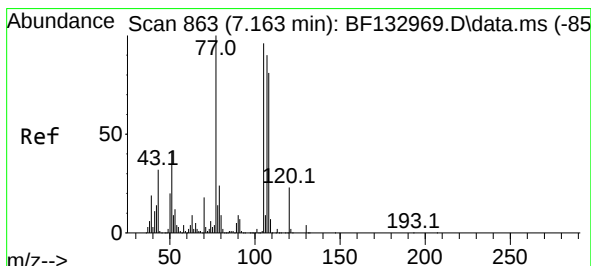
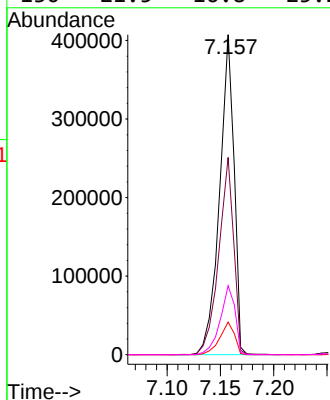
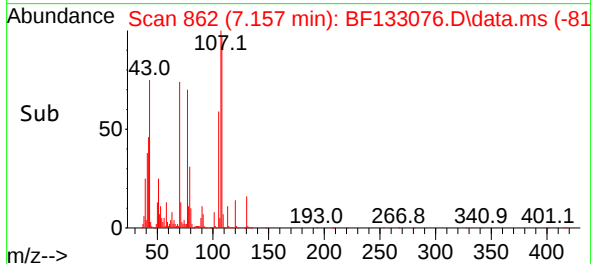
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



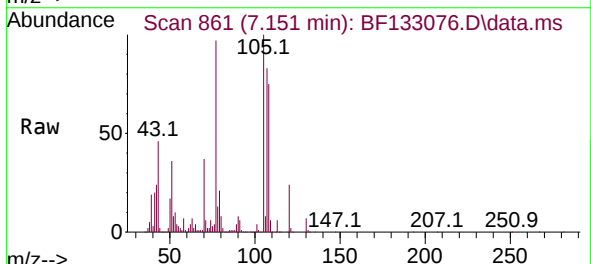
Tgt Ion: 70 Resp: 383650
Ion Ratio Lower Upper
70 100
42 61.6 51.8 77.6
101 10.2 8.0 12.0
130 21.5 16.8 25.2

Manual Integrations
APPROVED

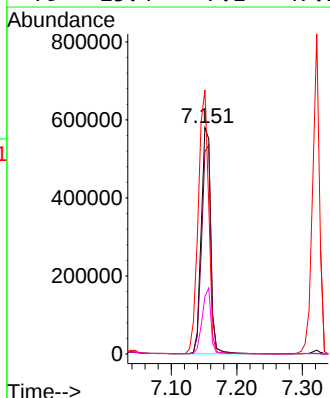
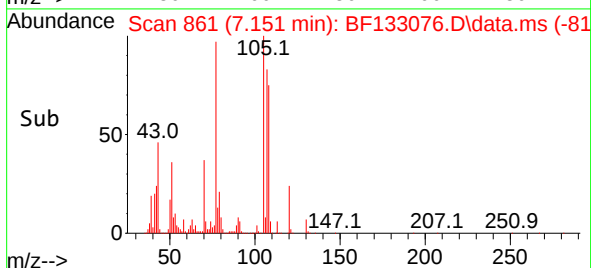
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

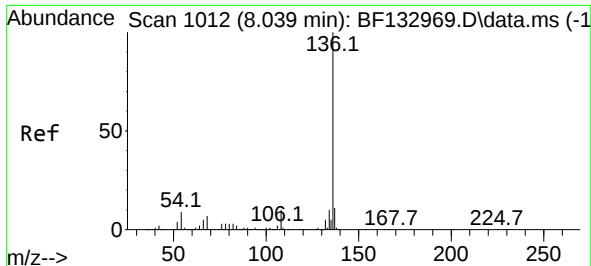


#20
3+4-Methylphenols
Concen: 45.674 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



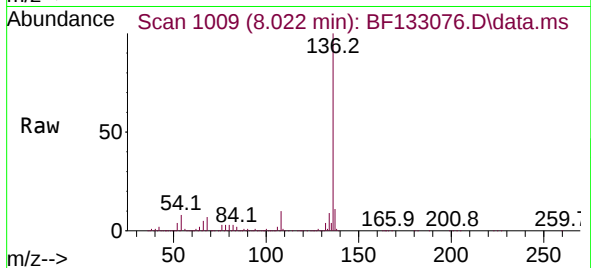
Tgt Ion:107 Resp: 579134
Ion Ratio Lower Upper
107 100
108 89.4 70.5 110.5
77 116.7 91.7 131.7
79 25.4 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

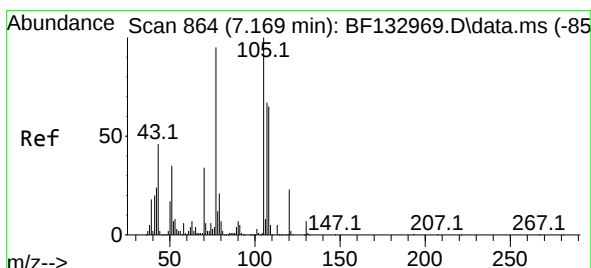
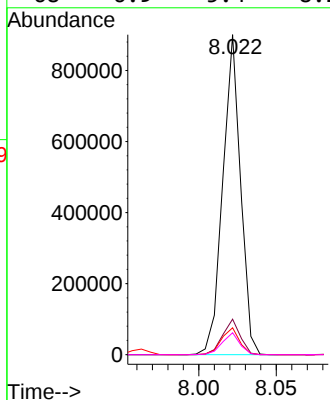
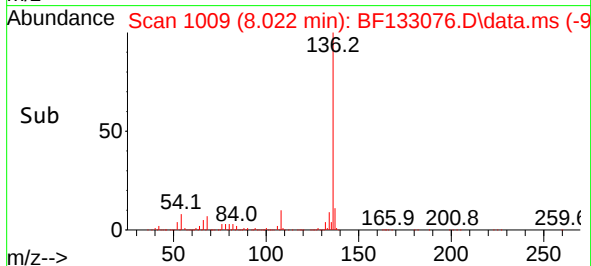
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:136 Resp: 718539
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 7.0 10.4
68 6.9 5.4 8.2

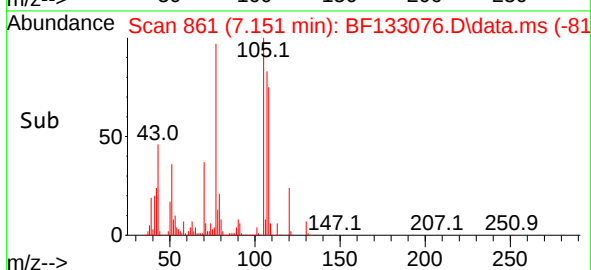
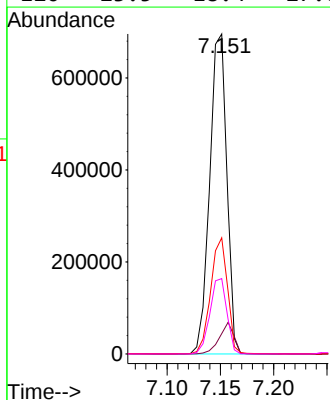
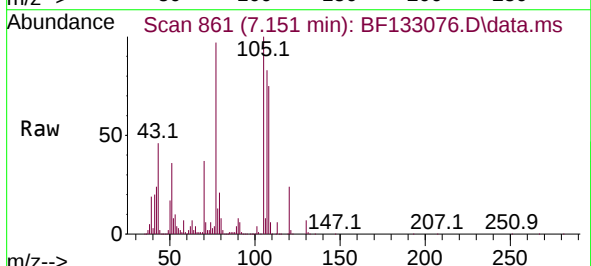
Manual Integrations
APPROVED

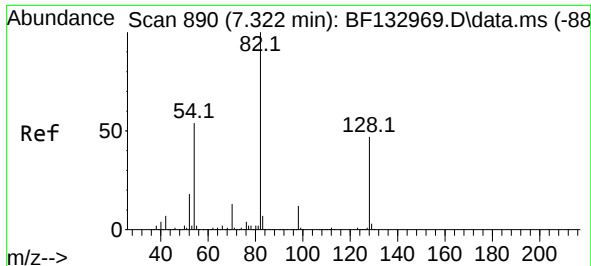
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#22
Acetophenone
Concen: 46.616 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:105 Resp: 775903
Ion Ratio Lower Upper
105 100
71 6.3 4.6 7.0
51 36.3 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 65.808 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion: 82 Resp: 876035

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

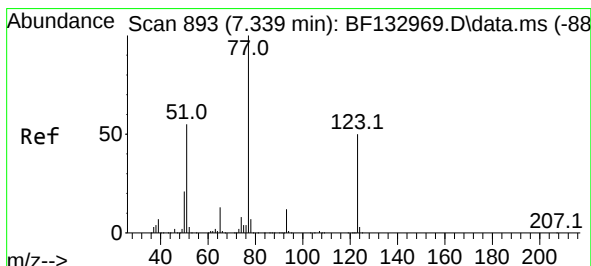
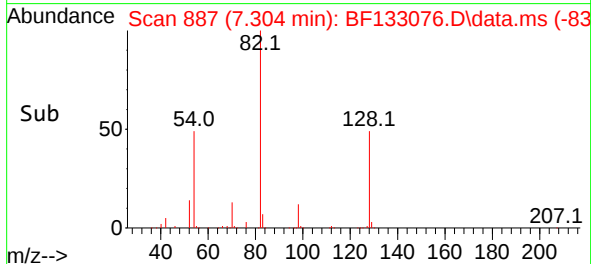
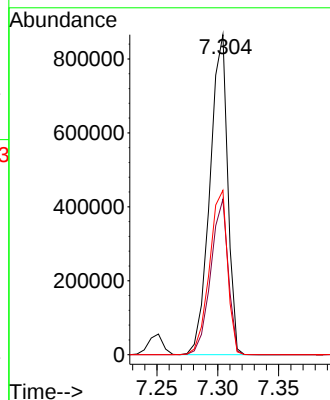
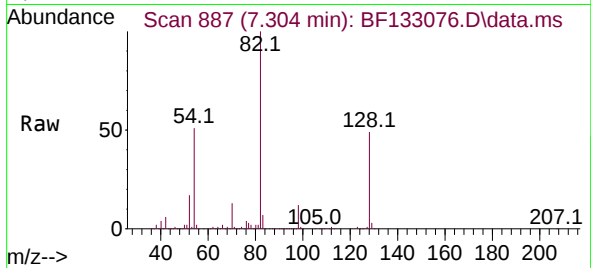
54 51.3 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#24

Nitrobenzene

Concen: 44.325 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

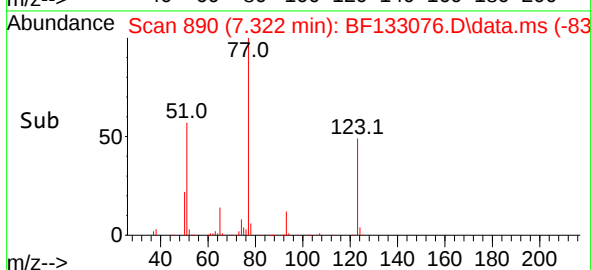
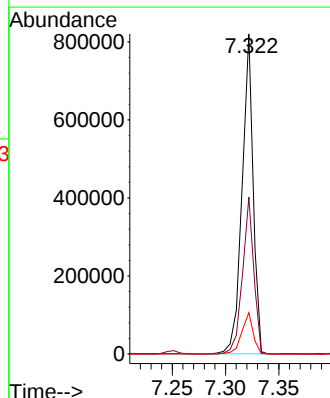
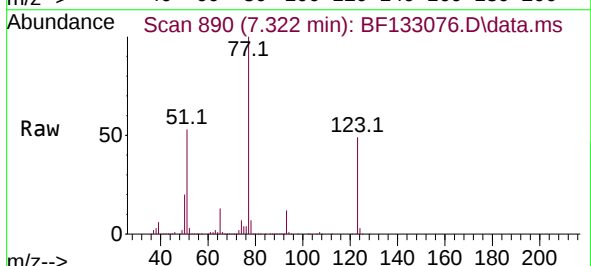
Tgt Ion: 77 Resp: 597921

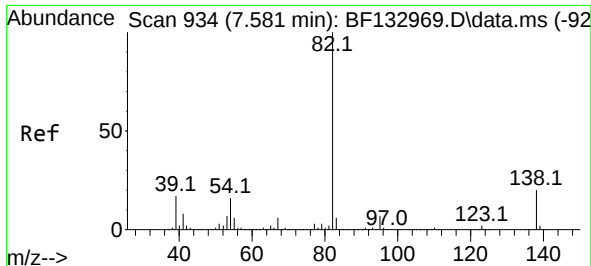
Ion Ratio Lower Upper

77 100

123 49.0 39.9 59.9

65 12.9 10.7 16.1





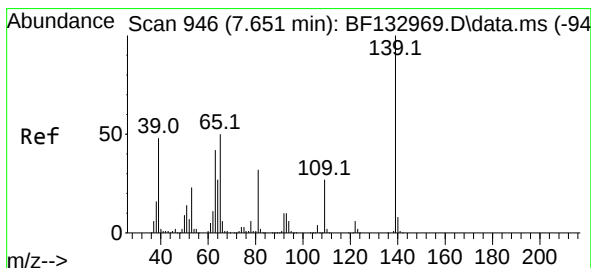
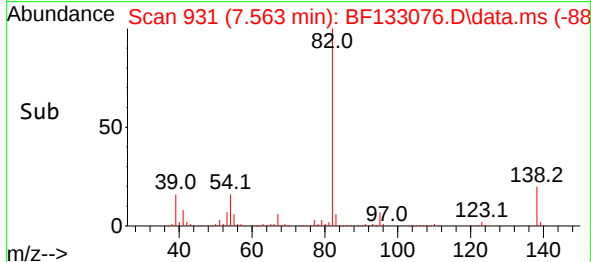
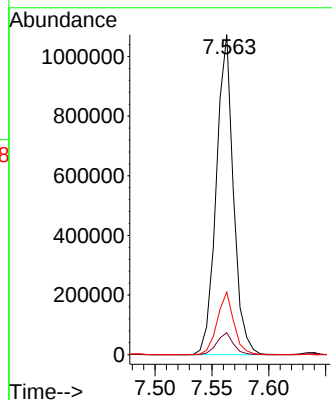
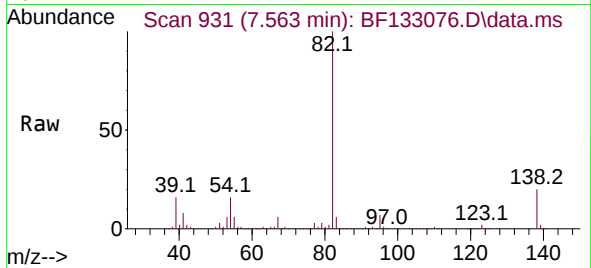
#25
Isophorone
Concen: 44.499 ng
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

Tgt Ion: 82 Resp: 1124700
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.6 16.0 24.0

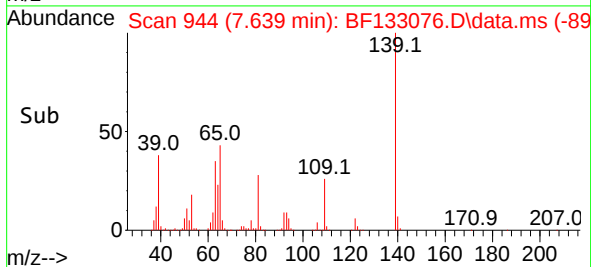
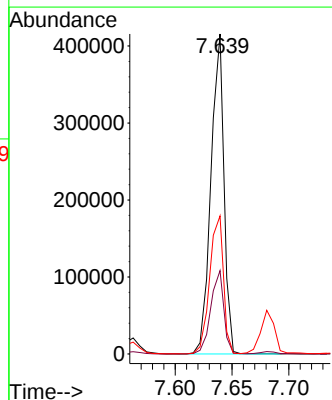
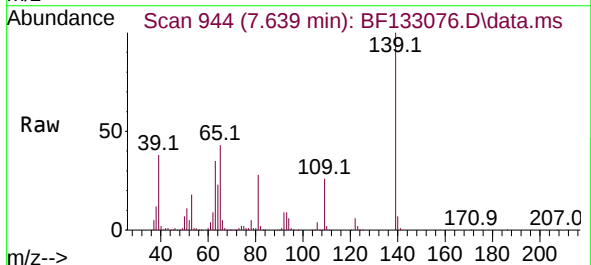
Manual Integrations
APPROVED

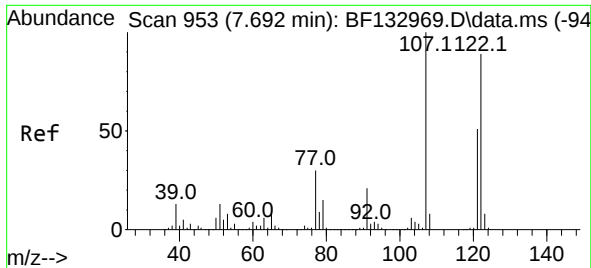
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#26
2-Nitrophenol
Concen: 50.941 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

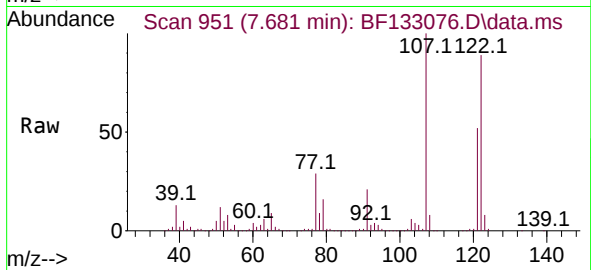
Tgt Ion:139 Resp: 331436
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 43.1 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 48.014 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

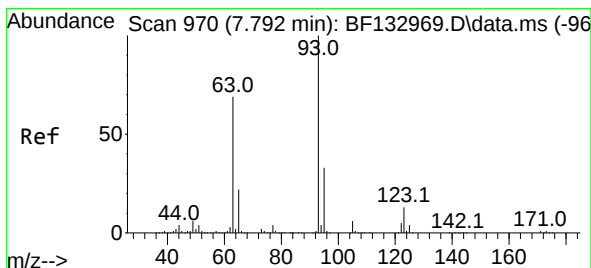
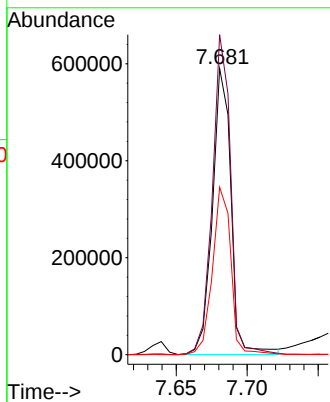
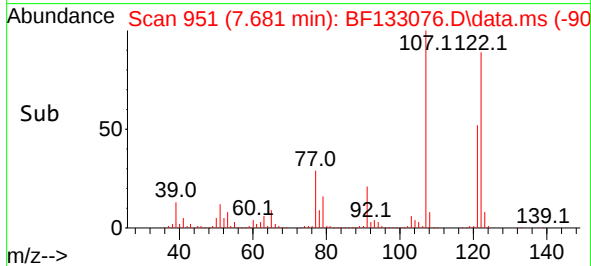
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



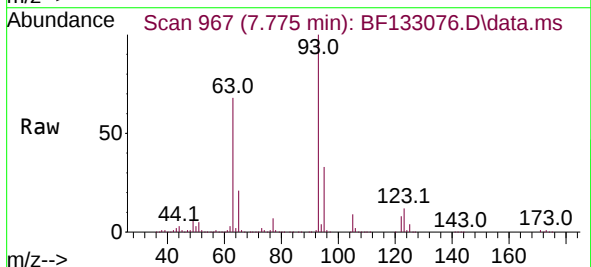
Tgt Ion:122 Resp: 535679
Ion Ratio Lower Upper
122 100
107 111.8 89.7 134.5
121 58.5 46.0 69.0

Manual Integrations
APPROVED

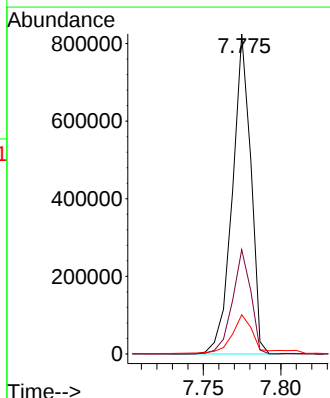
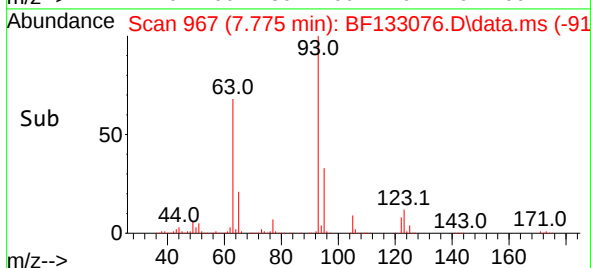
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

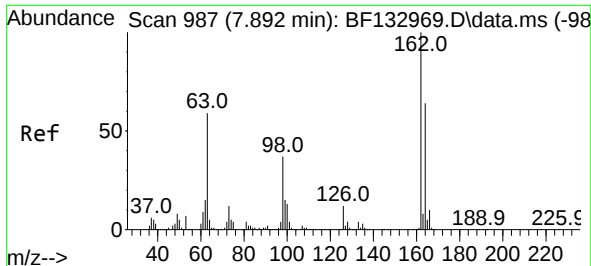


#28
bis(2-Chloroethoxy)methane
Concen: 45.497 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



Tgt Ion: 93 Resp: 680291
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.538 ng

RT: 7.881 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

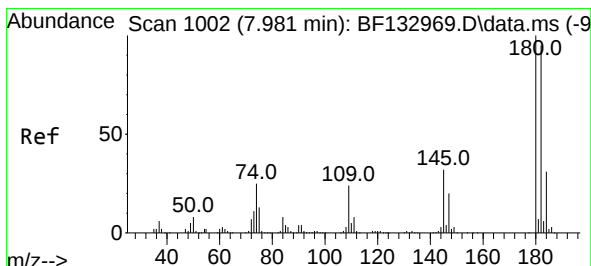
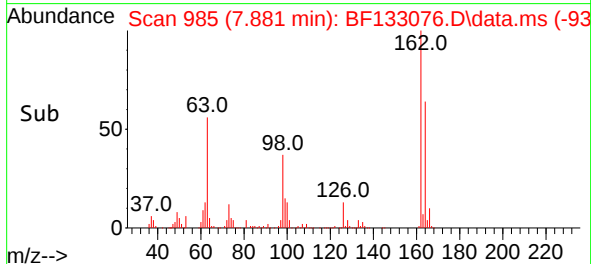
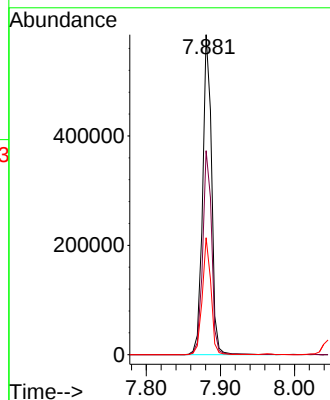
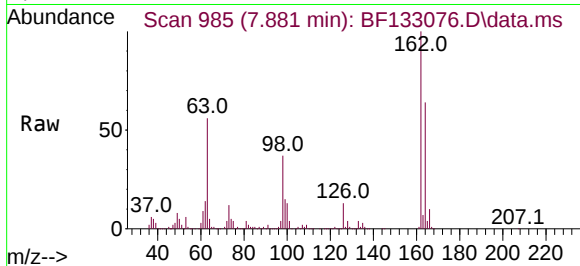
20230353-COMP-31MS

Tgt Ion:162 Resp: 492961
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.9 83.9
 98 36.6 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.941 ng

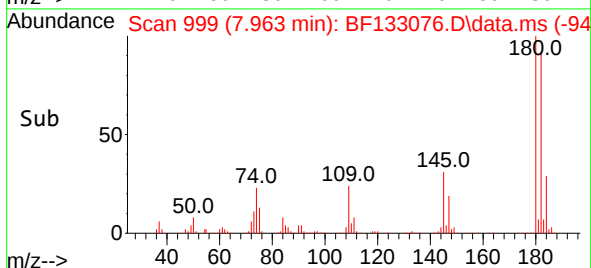
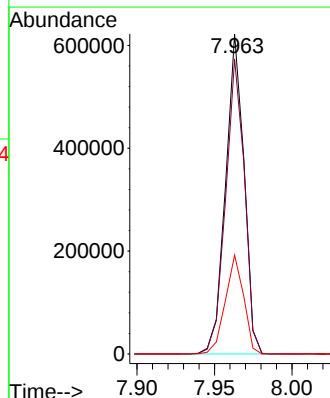
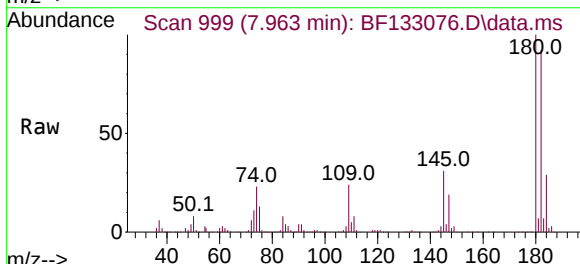
RT: 7.963 min Scan# 999

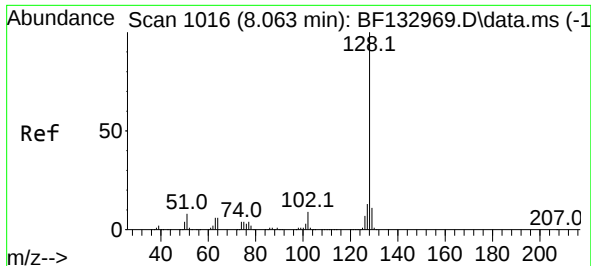
Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

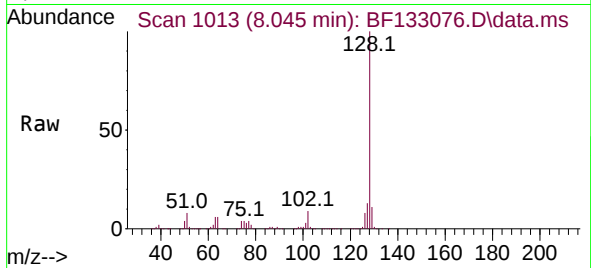
Tgt Ion:180 Resp: 514946
 Ion Ratio Lower Upper
 180 100
 182 92.2 75.9 113.9
 145 30.9 25.3 37.9





#31
Naphthalene
Concen: 46.032 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

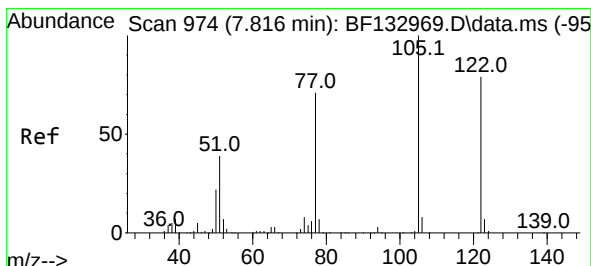
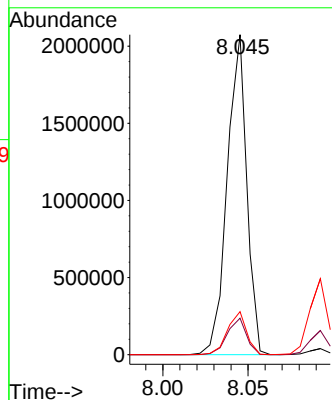
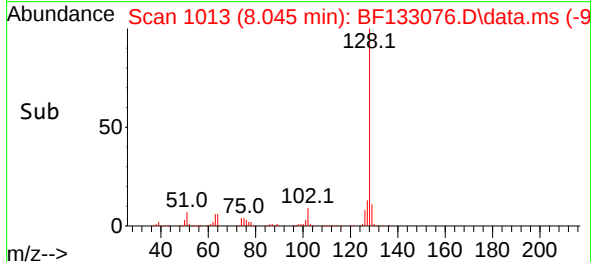
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:128 Resp: 165368
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.7 16.1

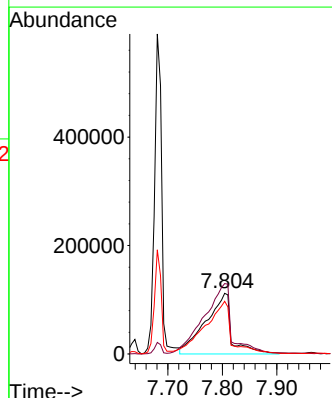
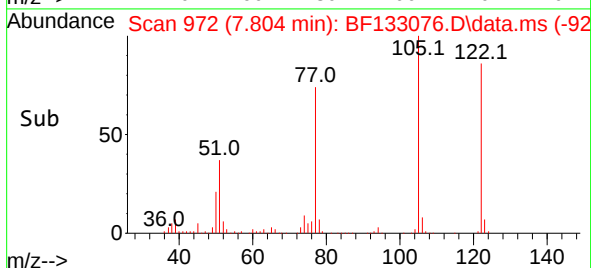
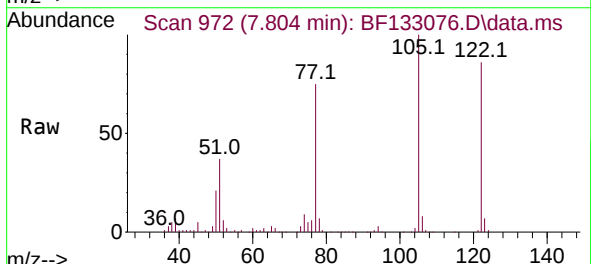
Manual Integrations
APPROVED

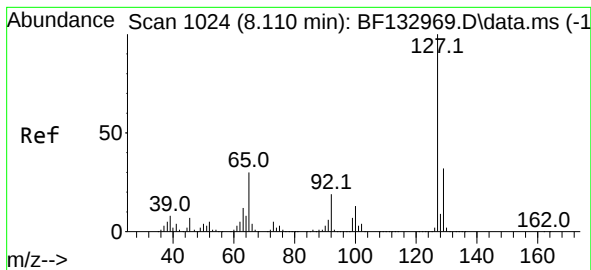
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#32
Benzoic acid
Concen: 54.013 ng m
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

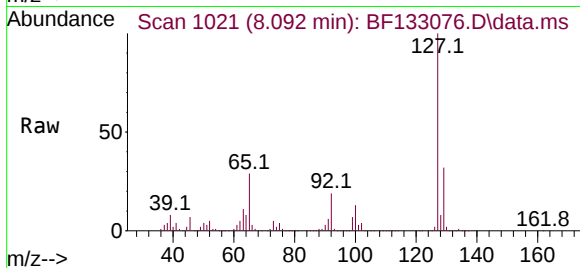
Tgt Ion:122 Resp: 372222
Ion Ratio Lower Upper
122 100
105 116.1 104.2 144.2
77 86.7 69.7 109.7





#33
4-Chloroaniline
Concen: 25.859 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

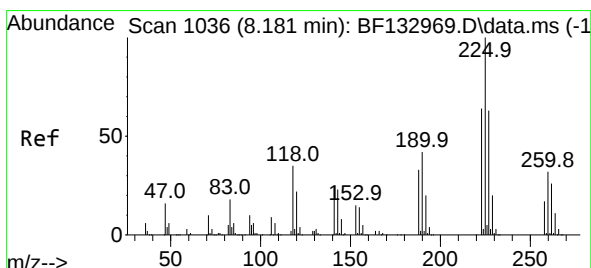
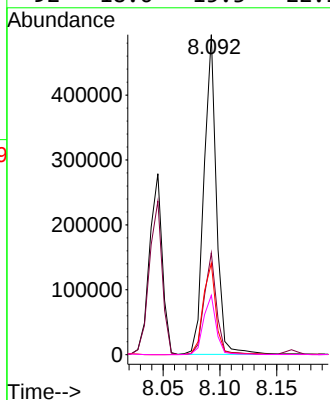
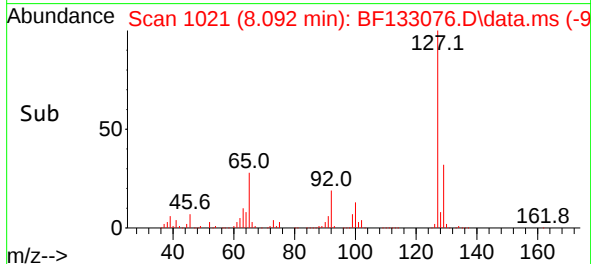
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:127 Resp: 375348
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 28.6 23.6 35.4
92 18.6 15.3 22.9

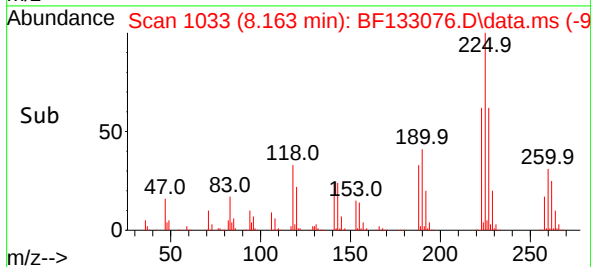
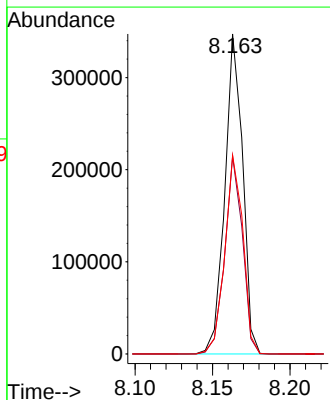
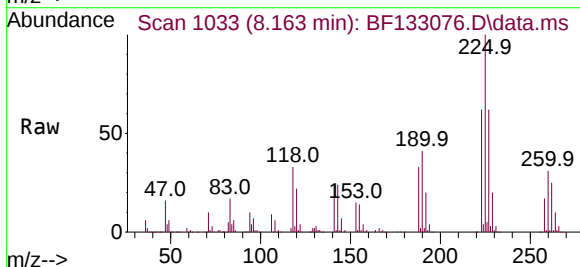
Manual Integrations
APPROVED

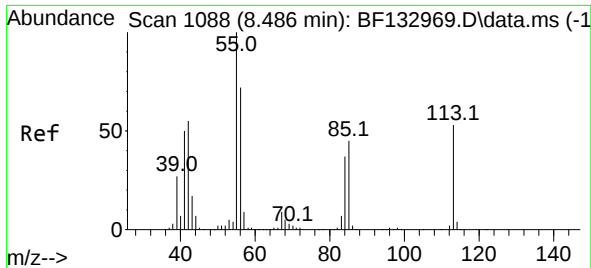
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#34
Hexachlorobutadiene
Concen: 47.606 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

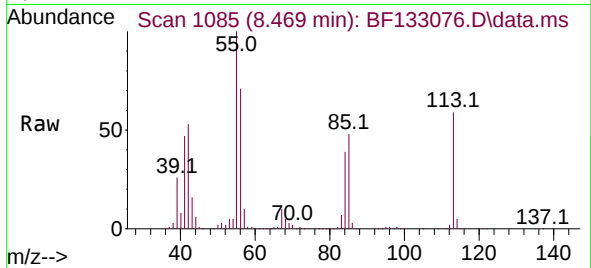
Tgt Ion:225 Resp: 277621
Ion Ratio Lower Upper
225 100
223 61.7 50.9 76.3
227 62.1 50.3 75.5





#35
 Caprolactam
 Concen: 52.980 ng m
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

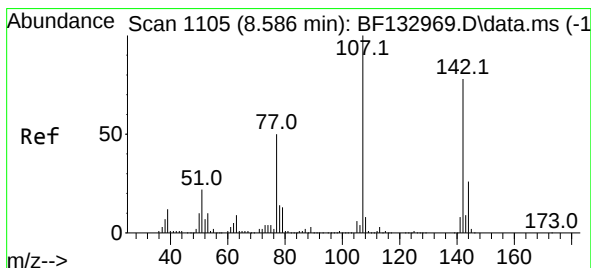
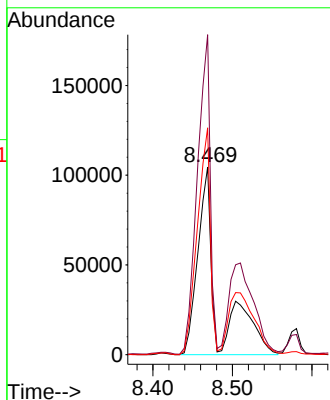
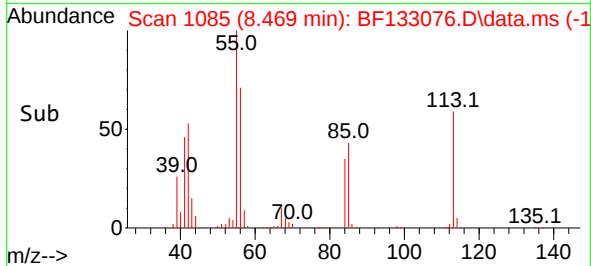
Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31MS



Tgt Ion:113 Resp: 18076
 Ion Ratio Lower Upper
 113 100
 55 170.4 167.1 207.1
 56 120.8 114.5 154.5

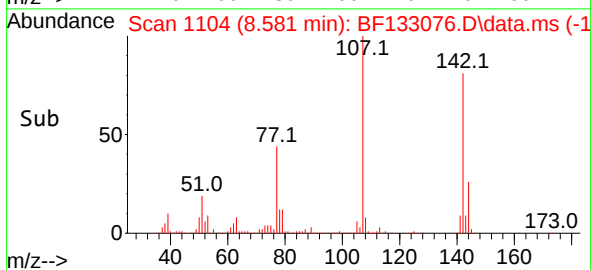
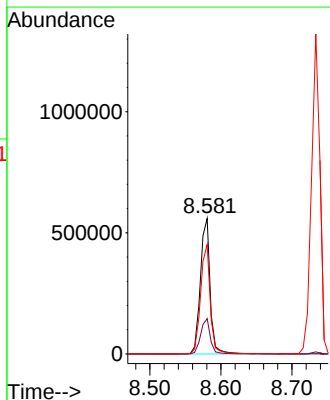
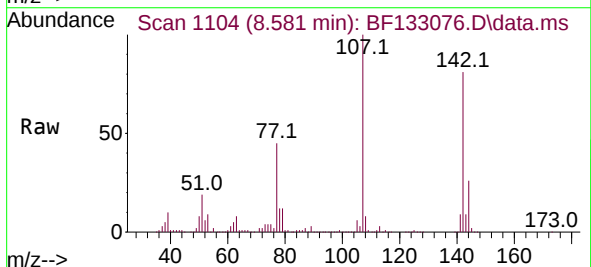
Manual Integrations
 APPROVED

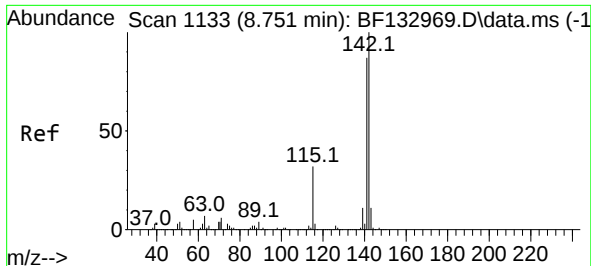
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.993 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133076.D
 Acq: 26 Apr 2023 21:03

Tgt Ion:107 Resp: 536580
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 80.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.772 ng

RT: 8.733 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:142 Resp: 1099639

Ion Ratio Lower Upper

142 100

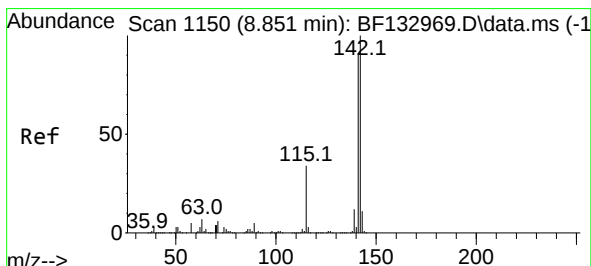
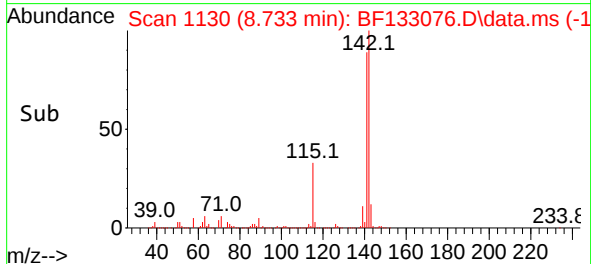
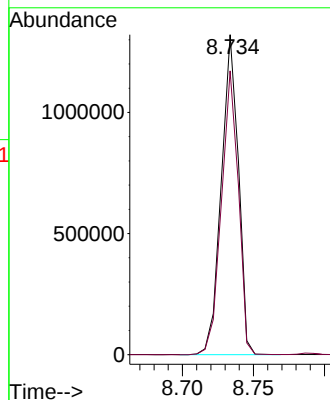
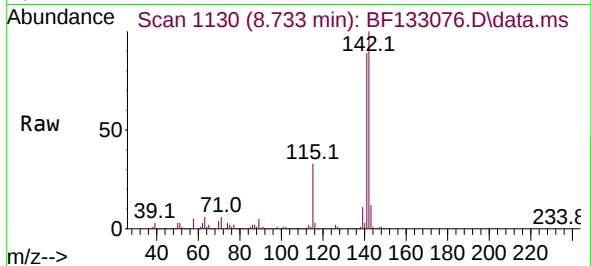
141 88.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#38

1-Methylnaphthalene

Concen: 45.029 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133076.D

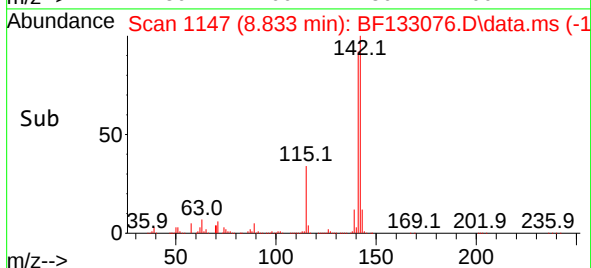
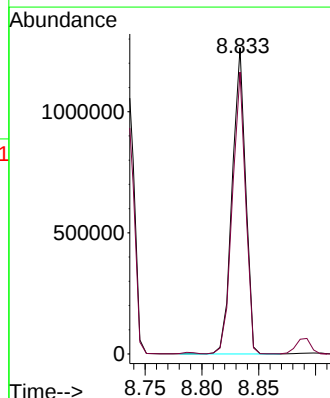
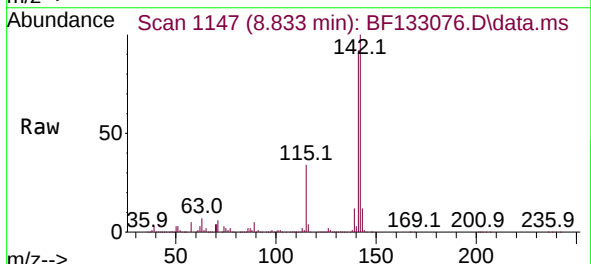
Acq: 26 Apr 2023 21:03

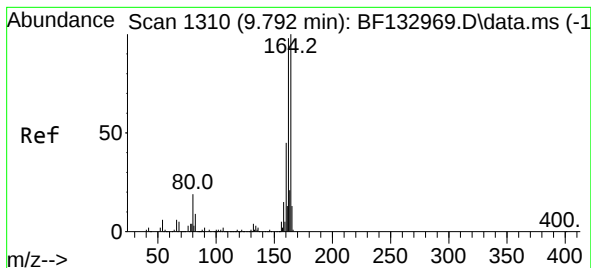
Tgt Ion:142 Resp: 1034600

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

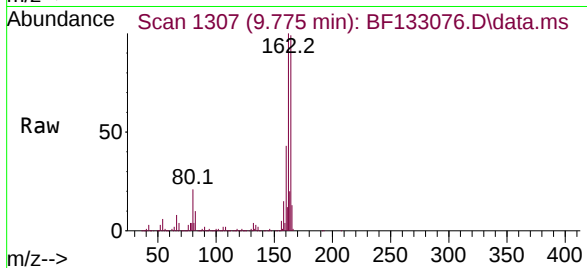
Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



Tgt Ion:164 Resp: 37376

Ion Ratio Lower Upper

164 100

162 101.3 78.7 118.1

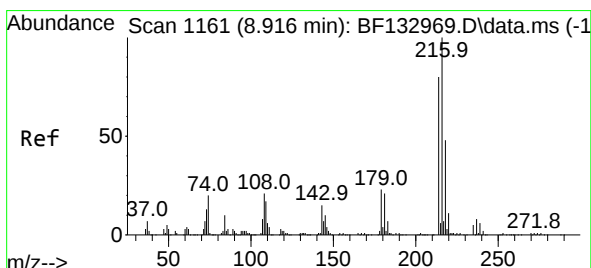
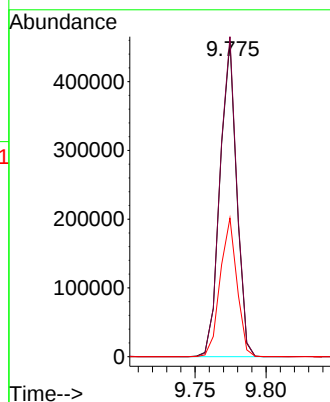
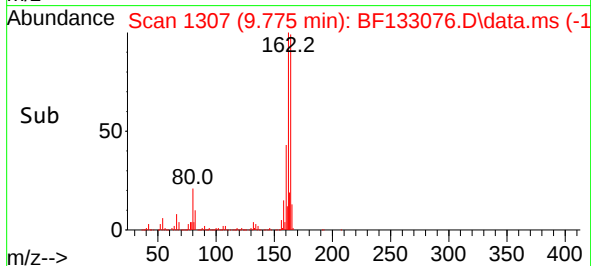
160 43.9 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.266 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Tgt Ion:216 Resp: 454904

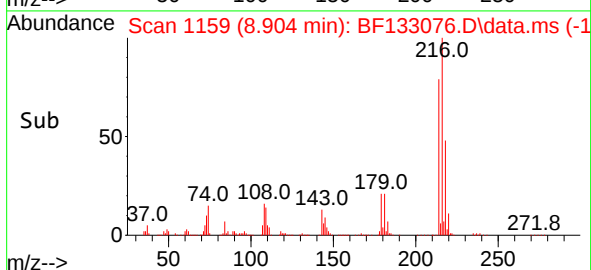
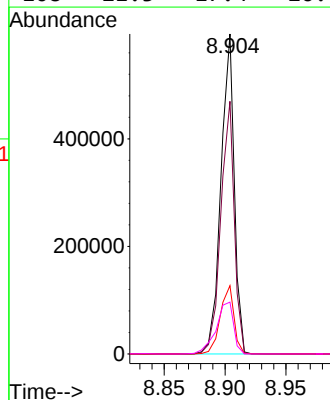
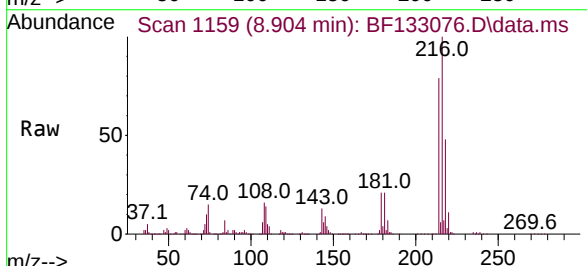
Ion Ratio Lower Upper

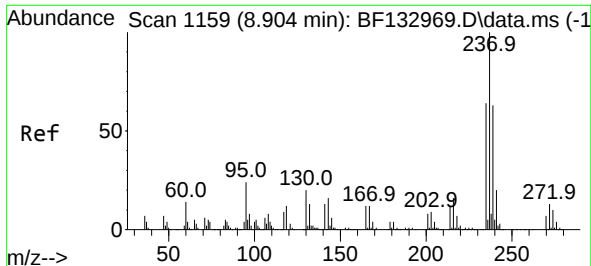
216 100

214 79.7 63.5 95.3

179 22.0 17.4 26.2

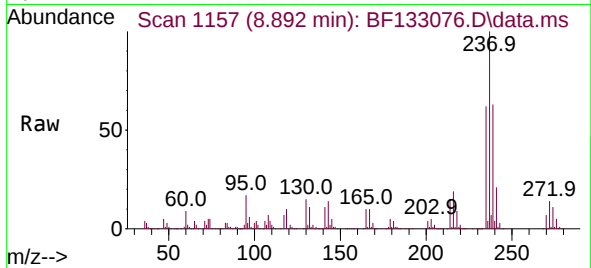
108 21.3 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 85.689 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

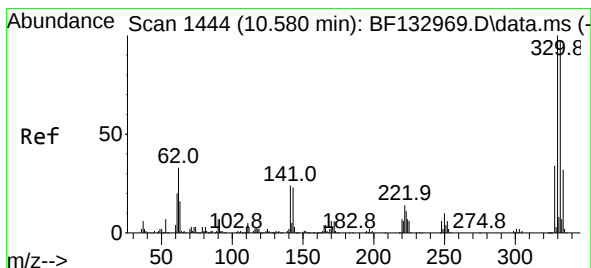
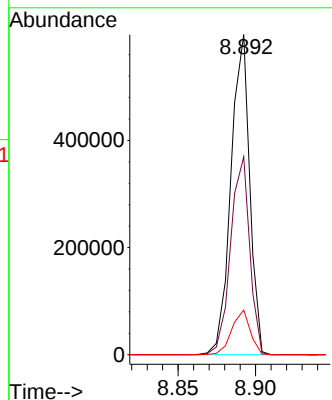
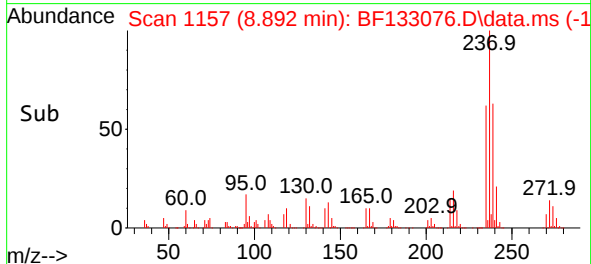
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



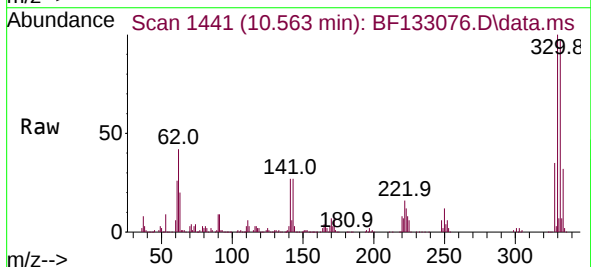
Tgt Ion: 237 Resp: 502214
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 14.0 0.0 32.7

Manual Integrations
APPROVED

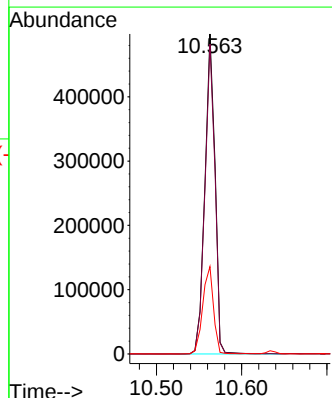
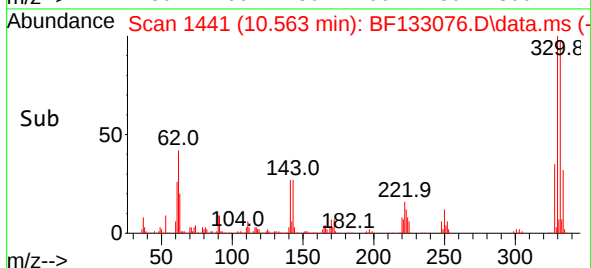
Reviewed By : Christian Giraldo 04/27/2023
Supervised By : Jagrut Upadhyay 04/27/2023

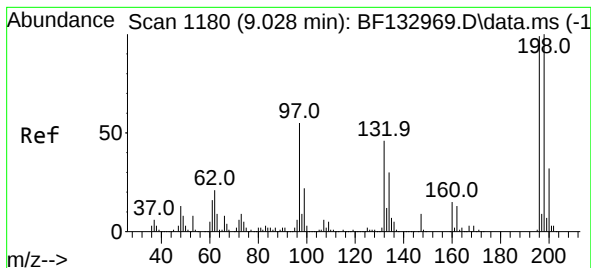


#42
2,4,6-Tribromophenol
Concen: 108.920 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



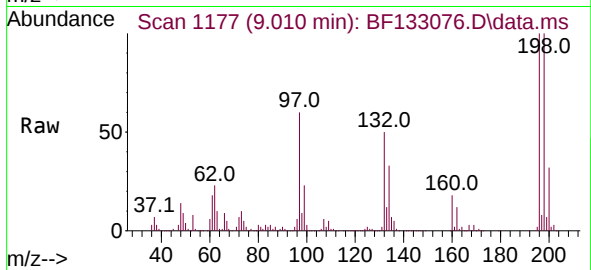
Tgt Ion: 330 Resp: 409420
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.623 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

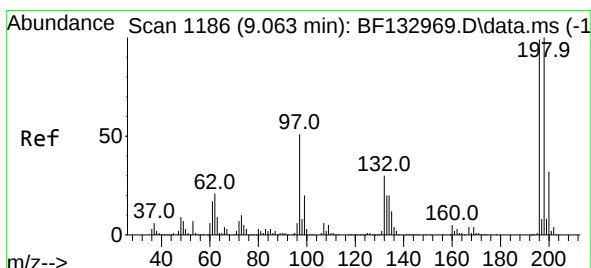
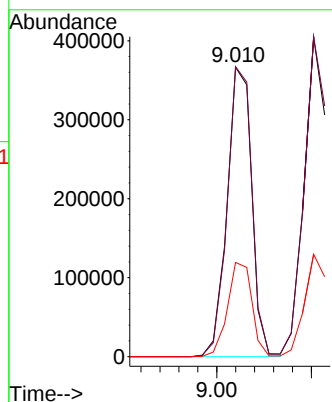
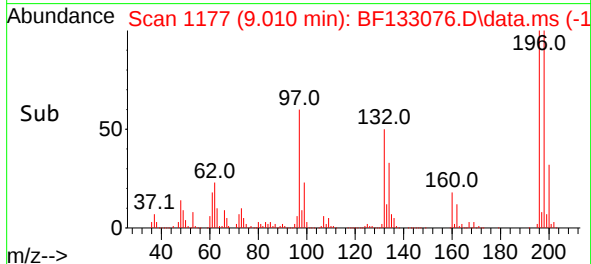
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



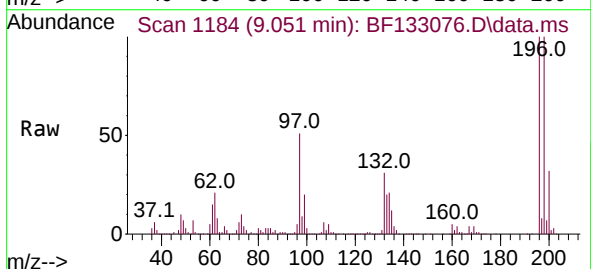
Tgt Ion:196 Resp: 330978
Ion Ratio Lower Upper
196 100
198 100.2 81.0 121.6
200 32.5 26.1 39.1

Manual Integrations
APPROVED

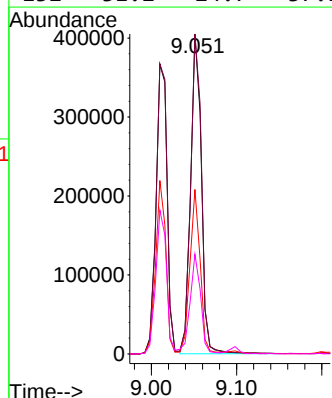
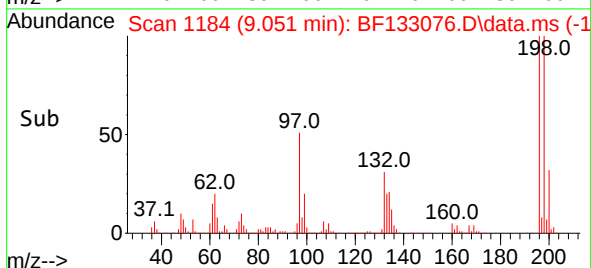
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

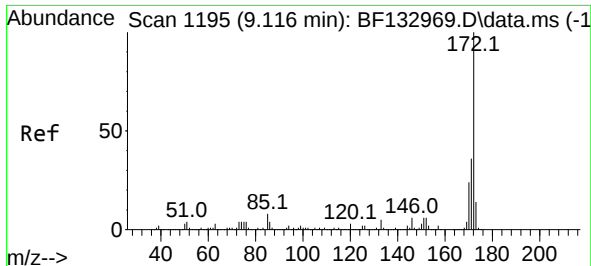


#44
2,4,5-Trichlorophenol
Concen: 44.188 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



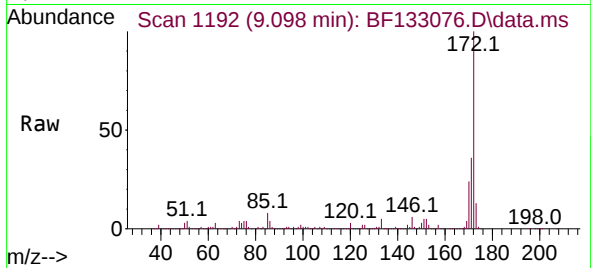
Tgt Ion:196 Resp: 355171
Ion Ratio Lower Upper
196 100
198 100.2 80.9 121.3
97 51.5 41.3 61.9
132 31.2 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 64.480 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

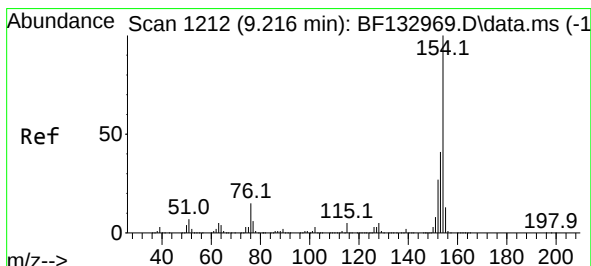
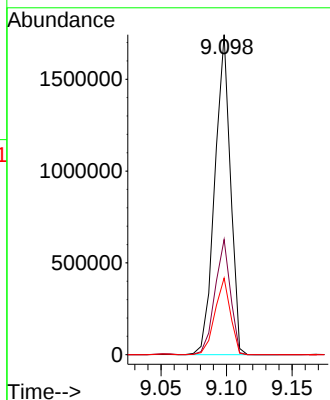
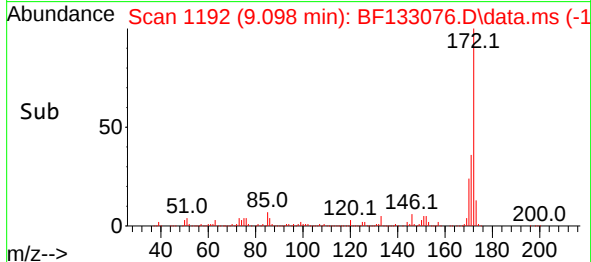
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:172 Resp: 1440539
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 19.4 29.2

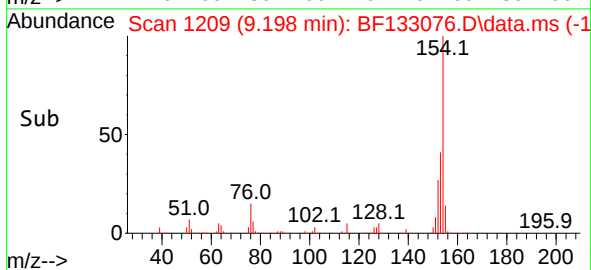
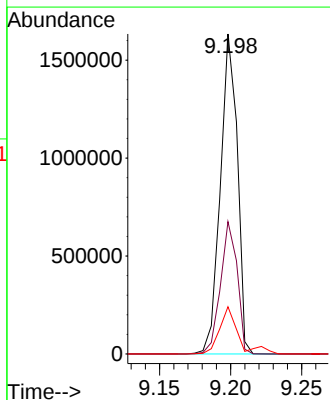
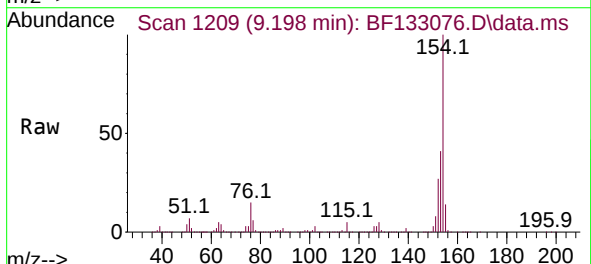
Manual Integrations
APPROVED

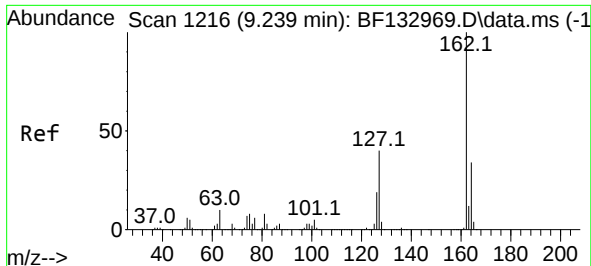
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#46
1,1'-Biphenyl
Concen: 45.659 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:154 Resp: 1353240
Ion Ratio Lower Upper
154 100
153 41.3 21.0 61.0
76 14.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.544 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:162 Resp: 103136

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

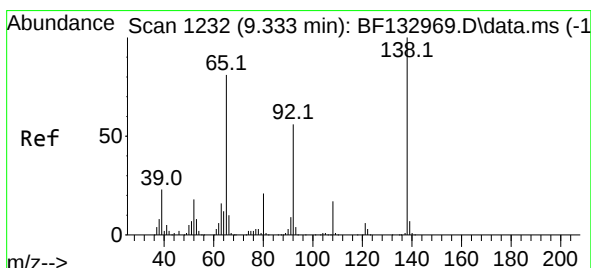
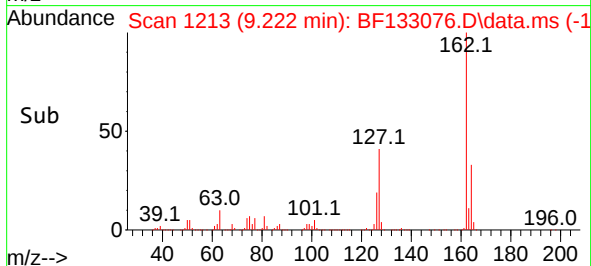
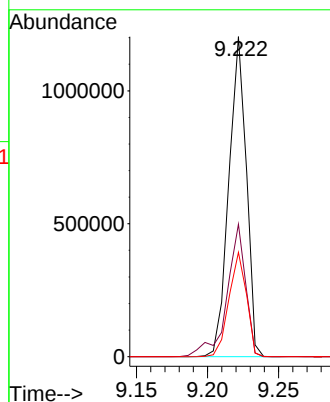
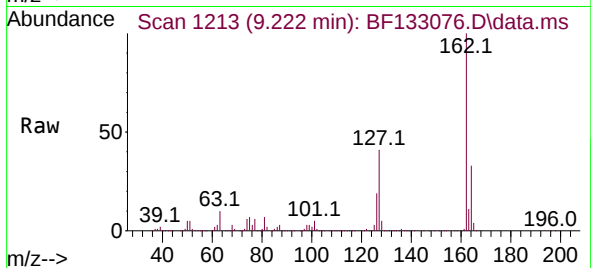
164 32.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#48

2-Nitroaniline

Concen: 45.995 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

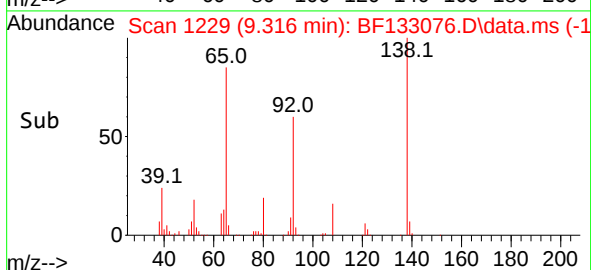
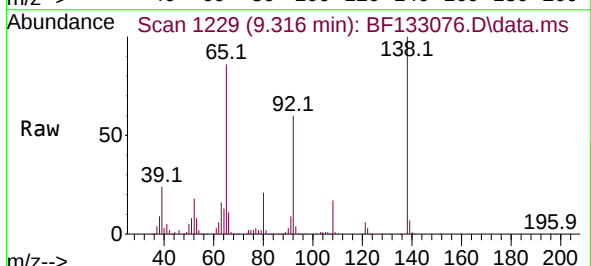
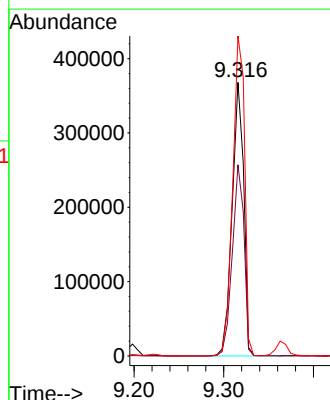
Tgt Ion: 65 Resp: 329758

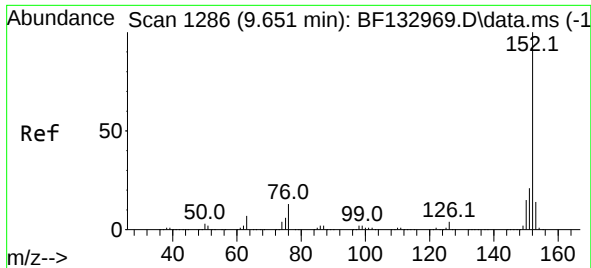
Ion Ratio Lower Upper

65 100

92 69.9 55.4 83.0

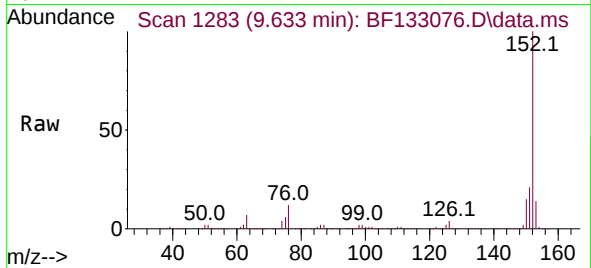
138 117.0 98.2 147.2





#49
Acenaphthylene
Concen: 45.841 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

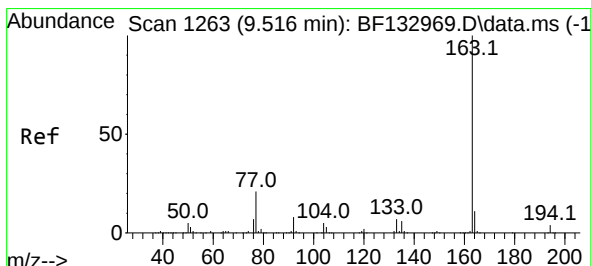
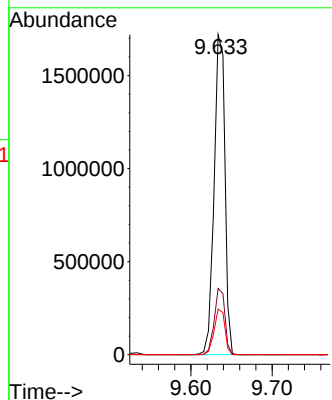
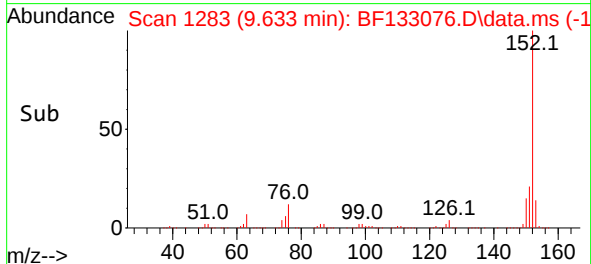
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



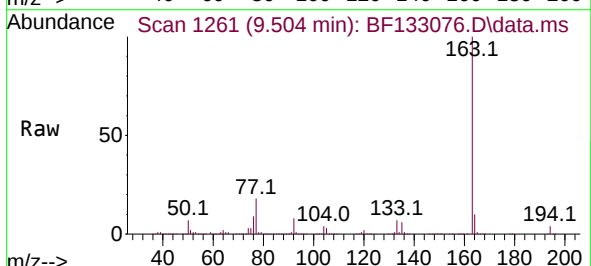
Tgt Ion:152 Resp: 158894
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.2 11.5 17.3

Manual Integrations
APPROVED

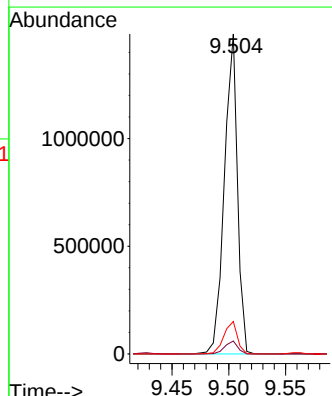
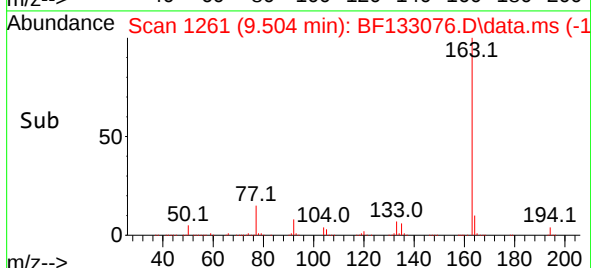
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

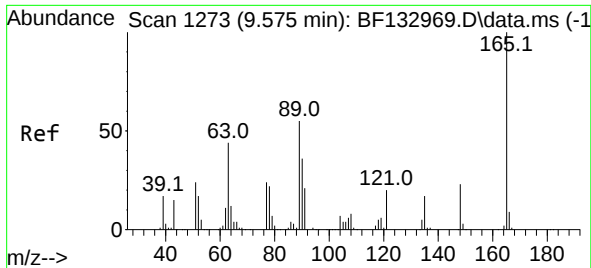


#50
Dimethylphthalate
Concen: 45.785 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



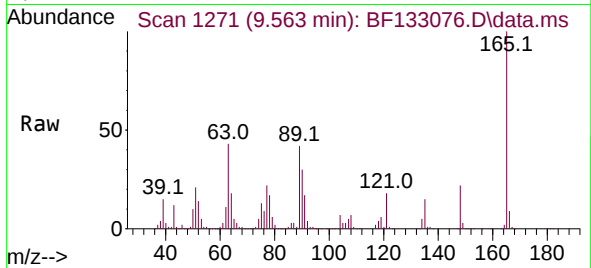
Tgt Ion:163 Resp: 1193237
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.316 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

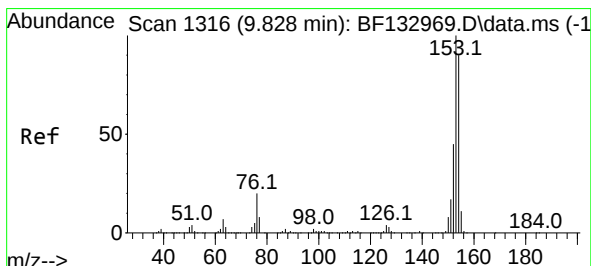
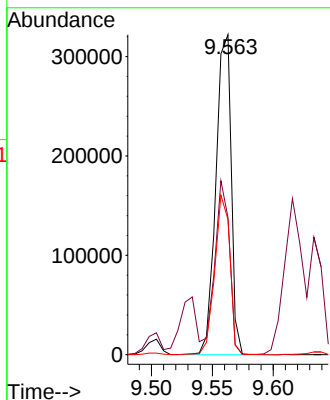
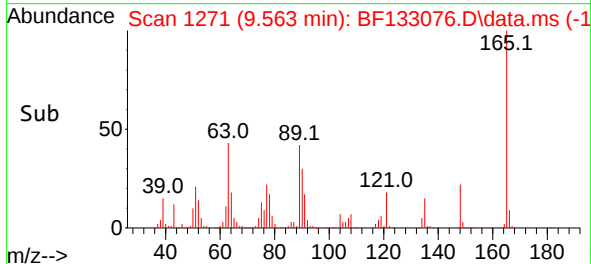
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:165 Resp: 28341
Ion Ratio Lower Upper
165 100
63 42.9 45.9 68.9
89 42.2 44.0 66.0

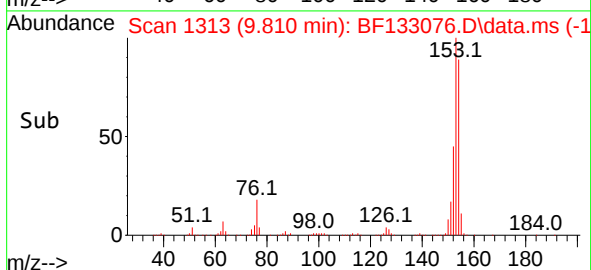
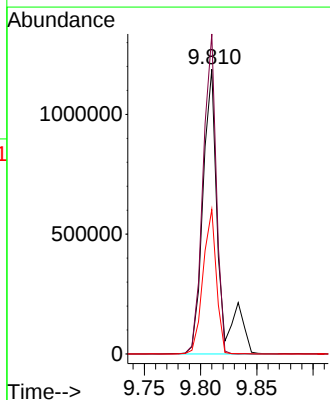
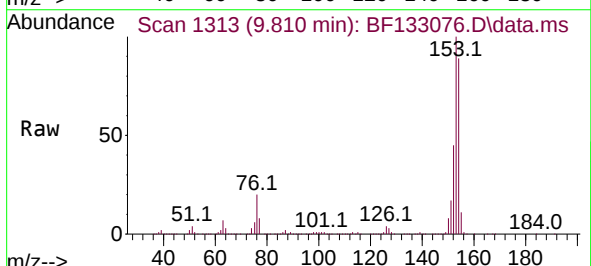
Manual Integrations
APPROVED

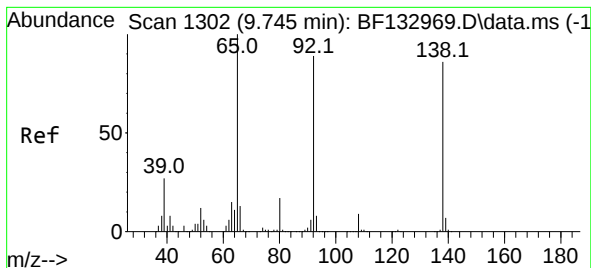
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#52
Acenaphthene
Concen: 49.730 ng m
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:154 Resp: 1154482
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 50.8 40.4 60.6





#53

3-Nitroaniline

Concen: 36.638 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

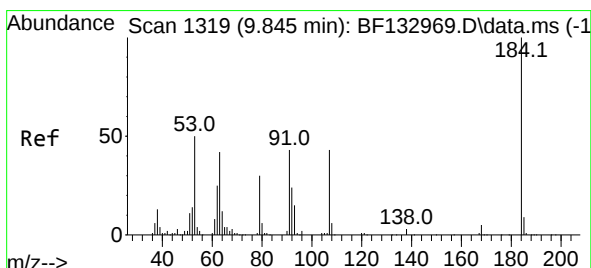
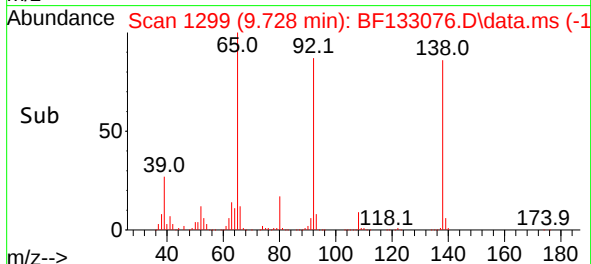
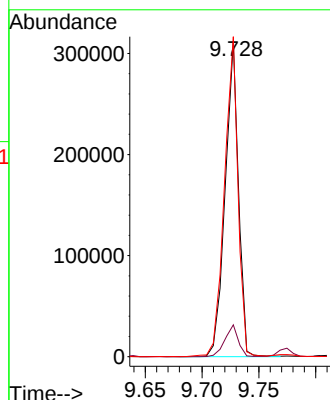
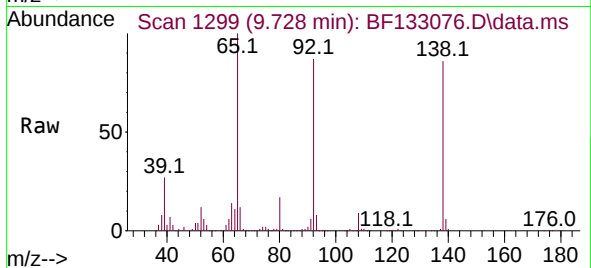
ClientSampleId :

20230353-COMP-31MS

Tgt Ion:138 Resp: 25553
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.0 12.0
 92 101.4 83.6 125.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#54

2,4-Dinitrophenol

Concen: 104.359 ng

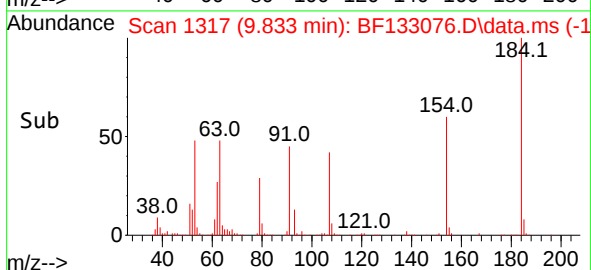
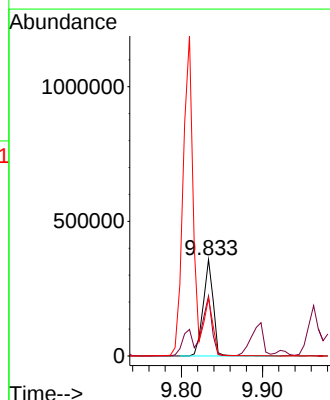
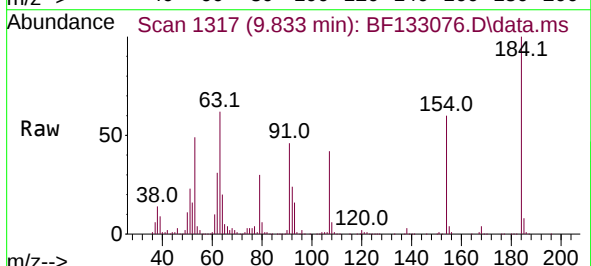
RT: 9.833 min Scan# 1317

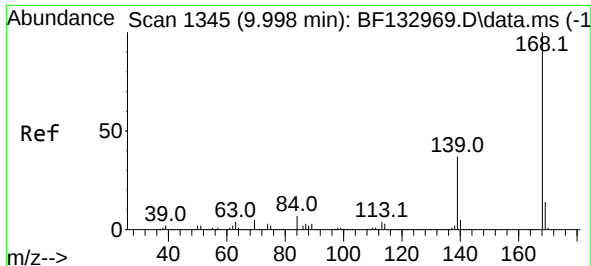
Delta R.T. 0.006 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

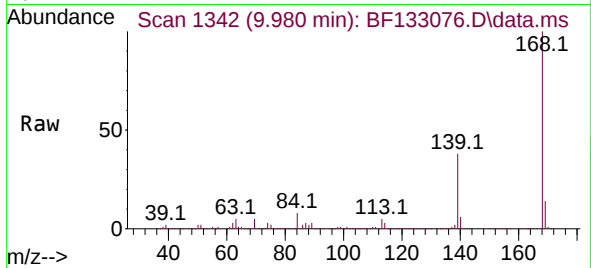
Tgt Ion:184 Resp: 307700
 Ion Ratio Lower Upper
 184 100
 63 62.3 49.8 74.8
 154 59.8 49.5 74.3





#55
Dibenzenofuran
Concen: 45.441 ng
RT: 9.980 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

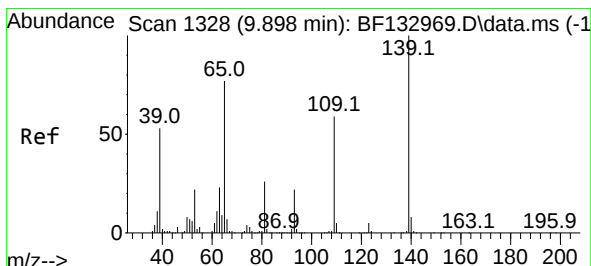
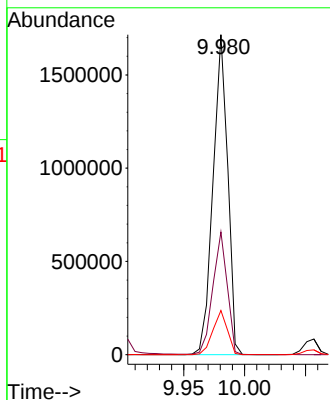
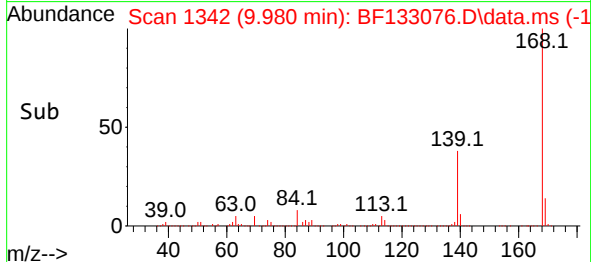
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:168 Resp: 1439000
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.8 10.8 16.2

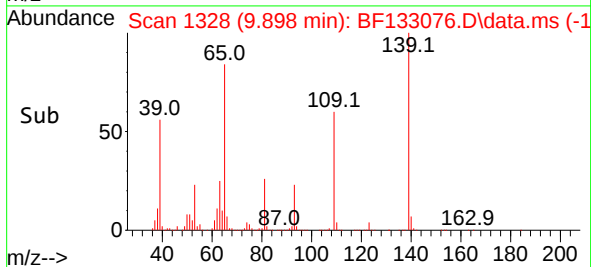
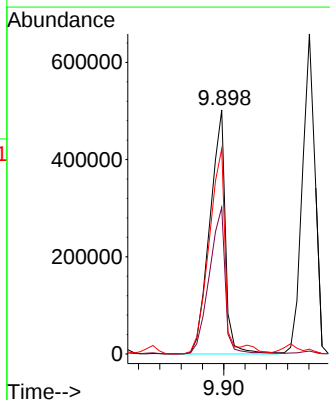
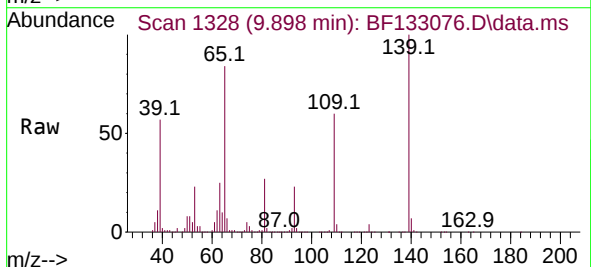
Manual Integrations
APPROVED

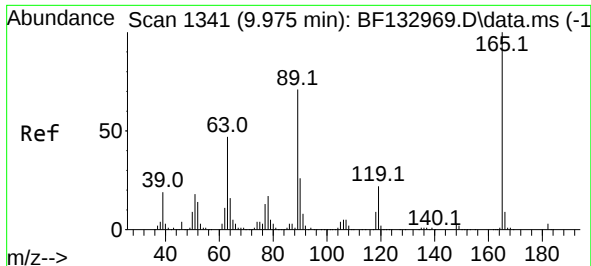
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#56
4-Nitrophenol
Concen: 95.099 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:139 Resp: 513724
Ion Ratio Lower Upper
139 100
109 60.1 39.4 79.4
65 84.1 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 51.155 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:165 Resp: 382669

Ion Ratio Lower Upper

165 100

63 41.3 37.7 56.5

89 65.5 57.0 85.4

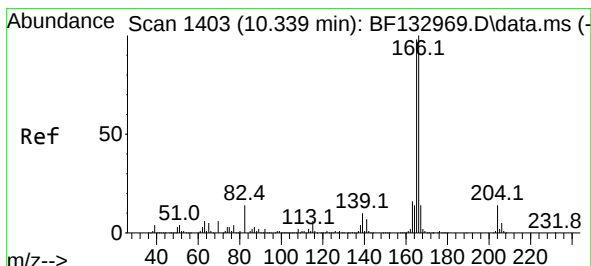
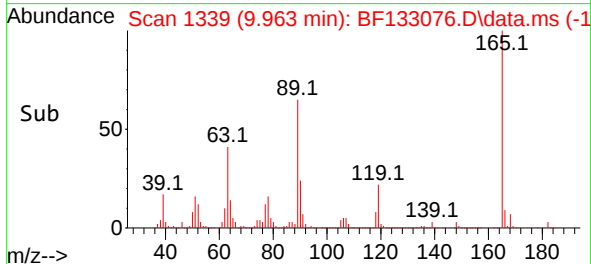
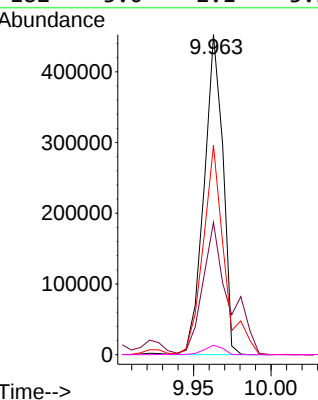
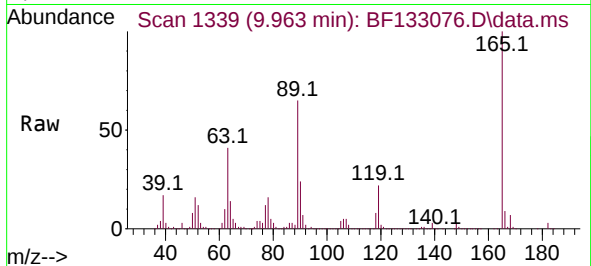
182 3.0 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#58

Fluorene

Concen: 45.743 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

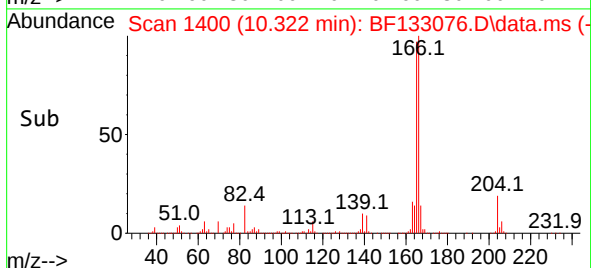
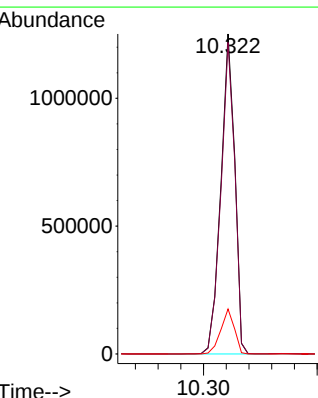
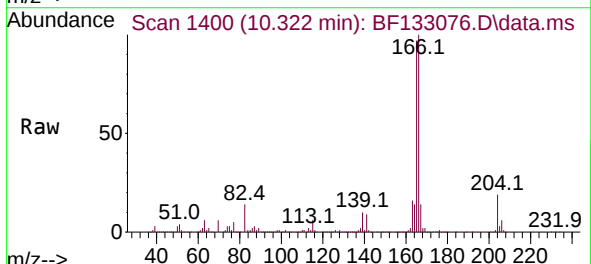
Tgt Ion:166 Resp: 1061286

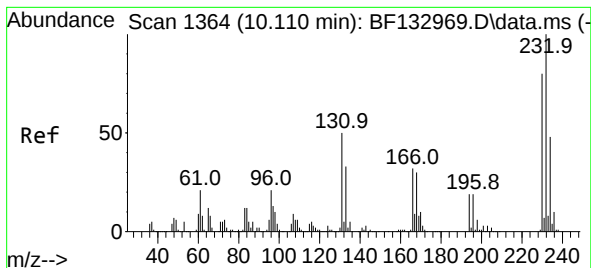
Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

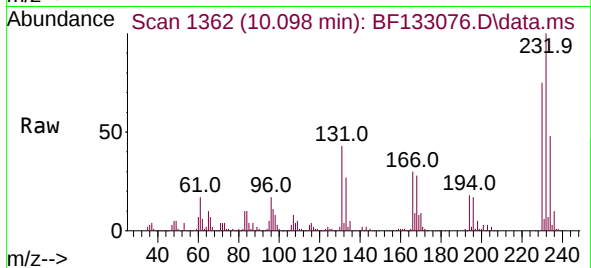
167 14.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.643 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

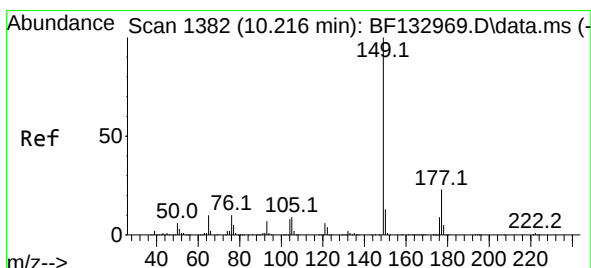
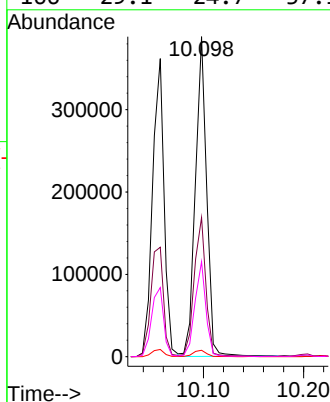
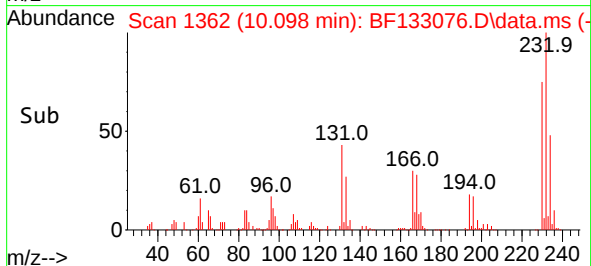
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:232 Resp: 303111
Ion Ratio Lower Upper
232 100
131 45.2 38.0 57.0
130 2.4 1.8 2.8
166 29.1 24.7 37.1

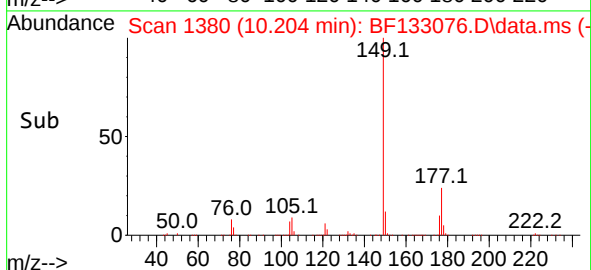
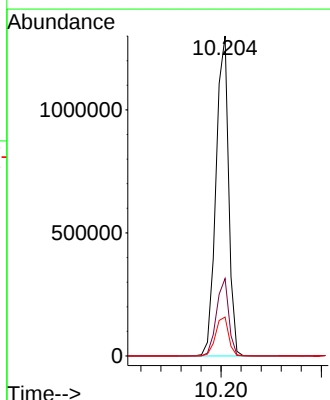
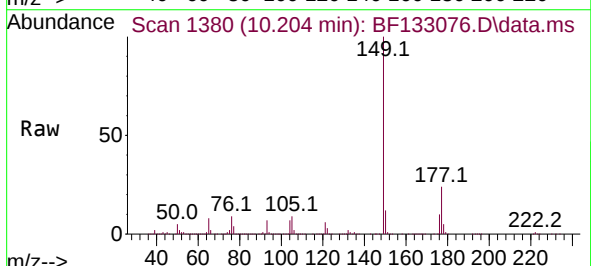
Manual Integrations
APPROVED

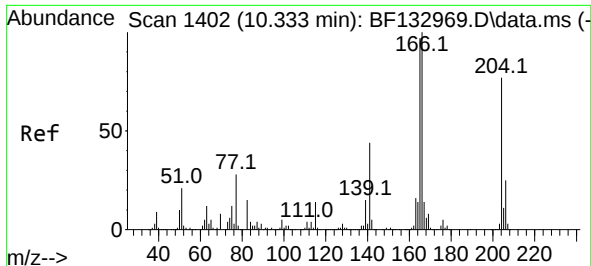
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#60
Diethylphthalate
Concen: 46.040 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

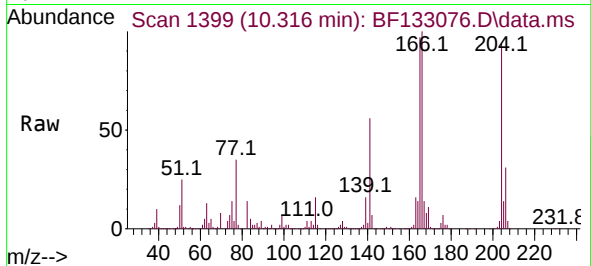
Tgt Ion:149 Resp: 1133375
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.4
150 12.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.966 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

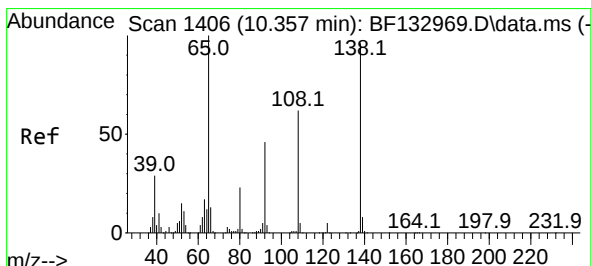
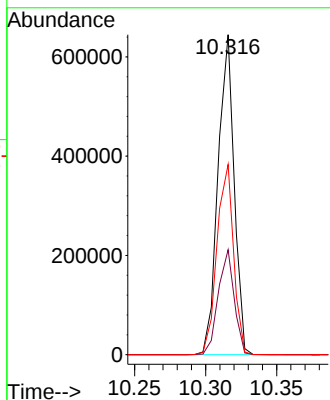
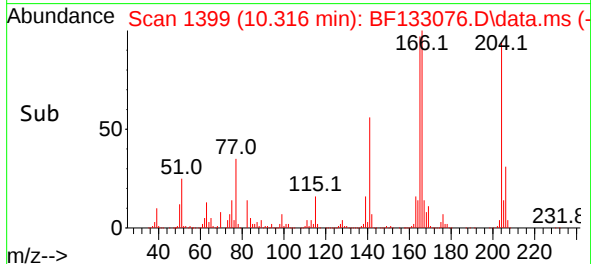
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



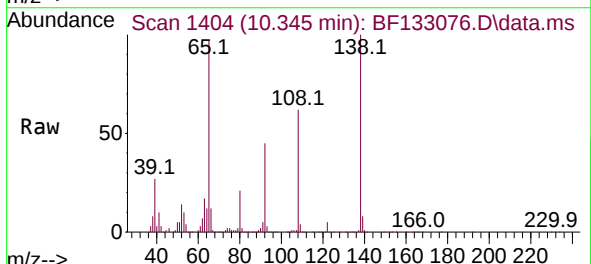
Tgt Ion:204 Resp: 50839
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 59.5 46.1 69.1

Manual Integrations
APPROVED

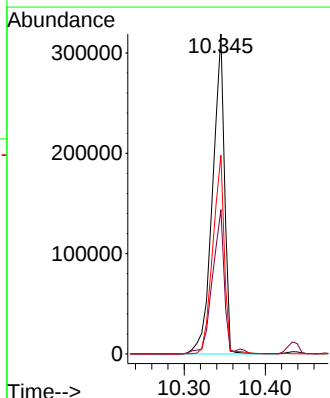
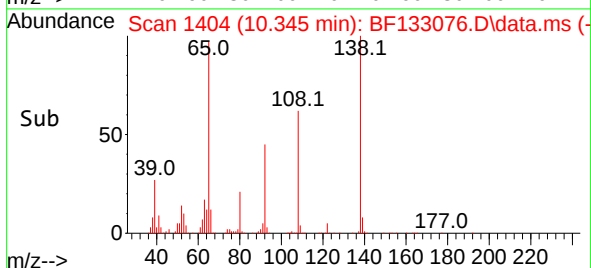
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

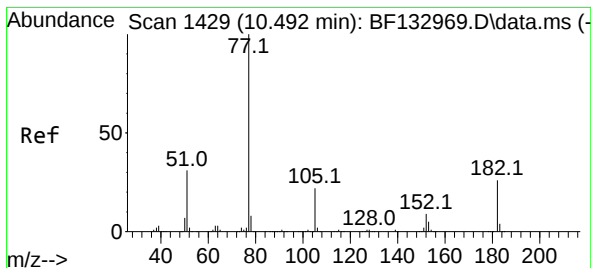


#62
4-Nitroaniline
Concen: 50.704 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



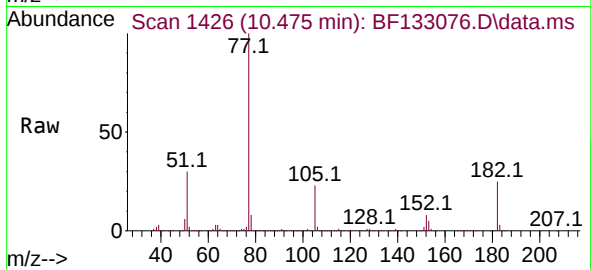
Tgt Ion:138 Resp: 325032
Ion Ratio Lower Upper
138 100
92 45.1 27.7 67.7
108 62.1 45.2 85.2





#63
Azobenzene
Concen: 44.865 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

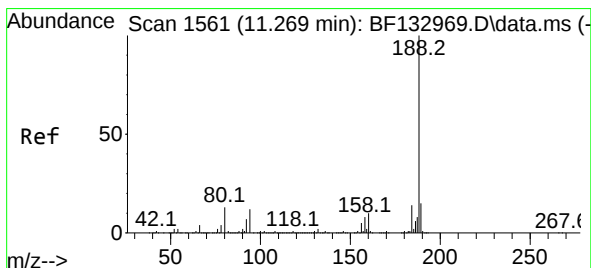
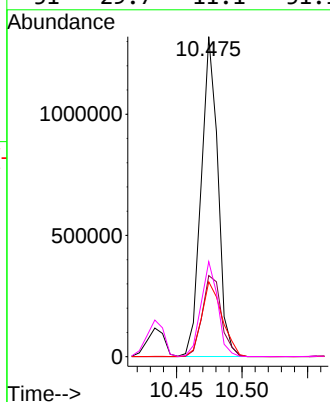
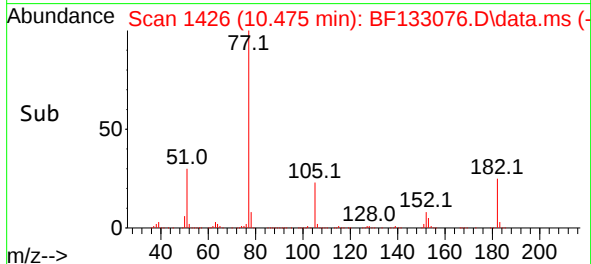
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion: 77 Resp: 116998
Ion Ratio Lower Upper
77 100
182 25.4 5.9 45.9
105 23.4 2.3 42.3
51 29.7 11.1 51.1

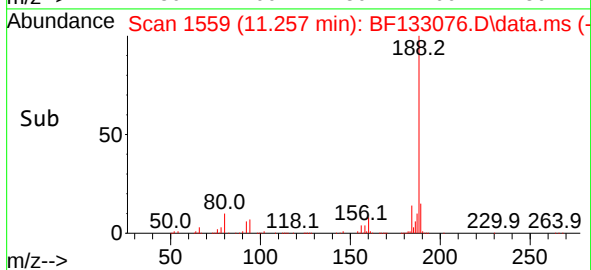
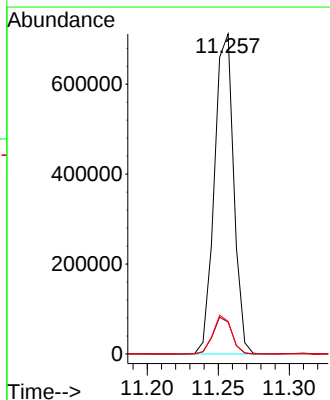
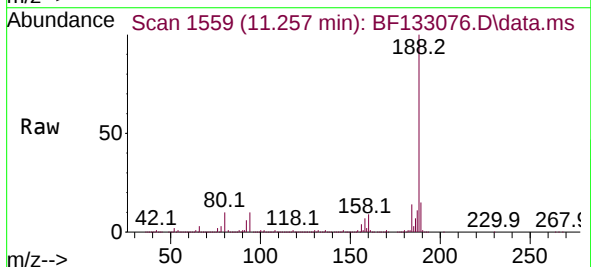
Manual Integrations
APPROVED

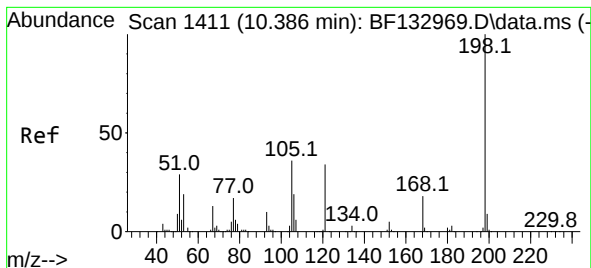
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion:188 Resp: 671301
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.2 10.4 15.6#





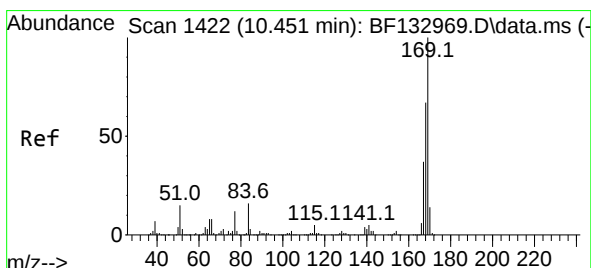
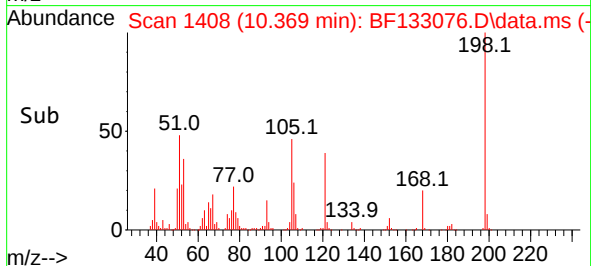
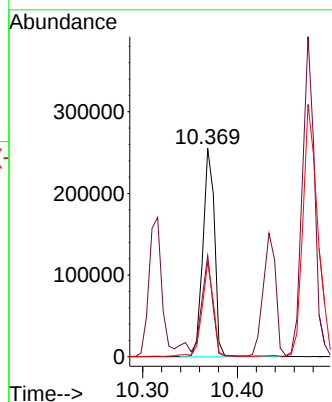
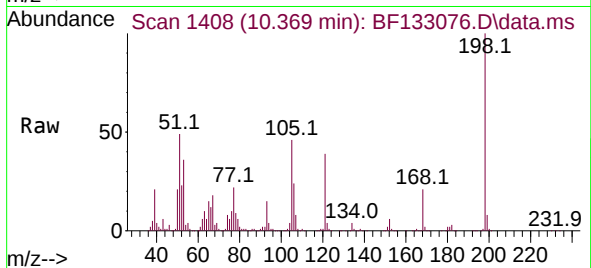
#65
4,6-Dinitro-2-methylphenol
Concen: 53.271 ng
RT: 10.369 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

Tgt Ion:198 Resp: 216754
Ion Ratio Lower Upper
198 100
51 48.5 15.5 55.5
105 45.5 16.7 56.7

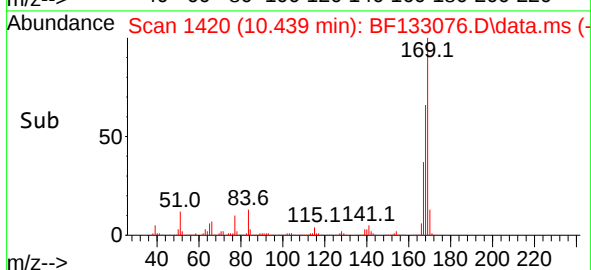
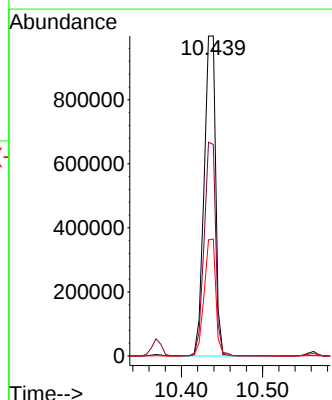
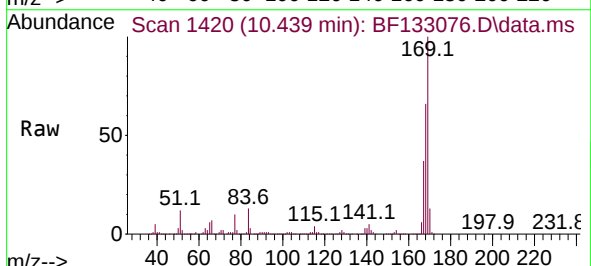
Manual Integrations
APPROVED

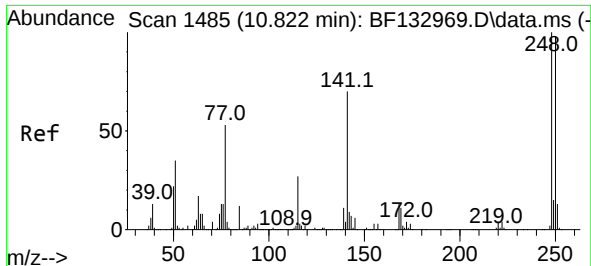
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.017 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

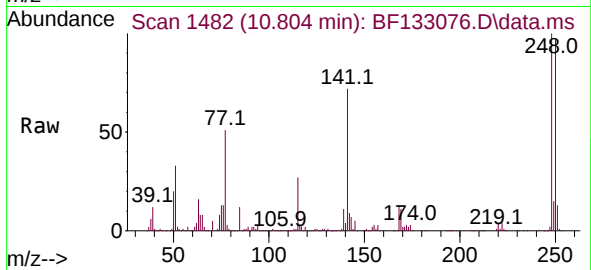
Tgt Ion:169 Resp: 980253
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.6 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 45.655 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

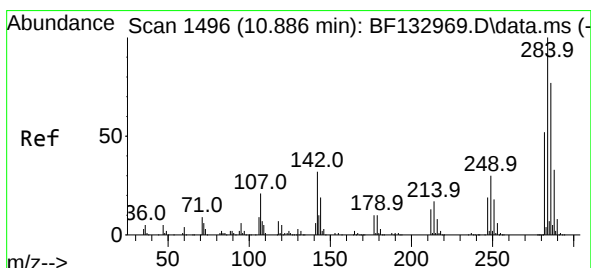
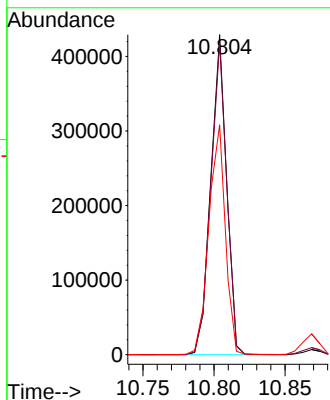
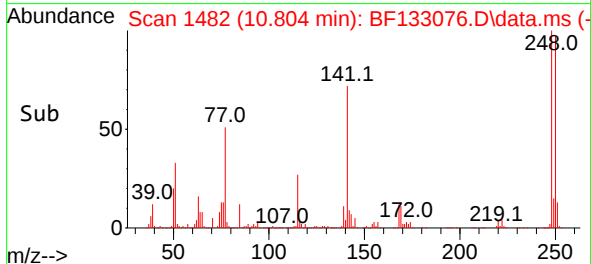
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



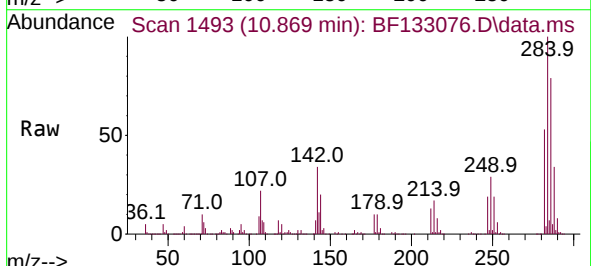
Tgt Ion:248 Resp: 332397
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 71.9 56.3 84.5

Manual Integrations
APPROVED

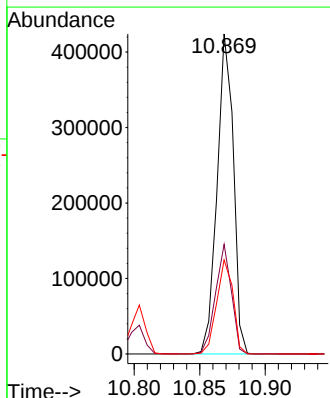
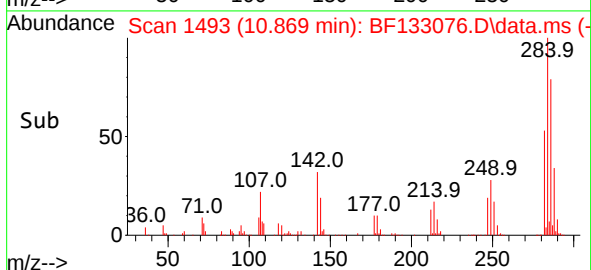
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

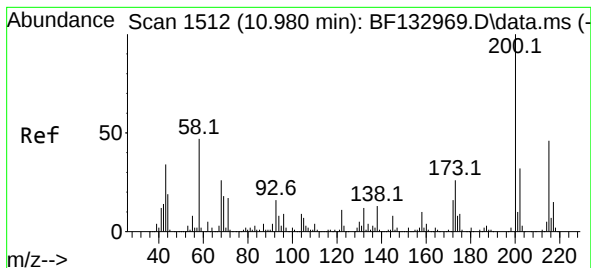


#68
Hexachlorobenzene
Concen: 48.891 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



Tgt Ion:284 Resp: 364749
Ion Ratio Lower Upper
284 100
142 34.3 26.0 39.0
249 29.4 23.7 35.5





#69

Atrazine

Concen: 53.589 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

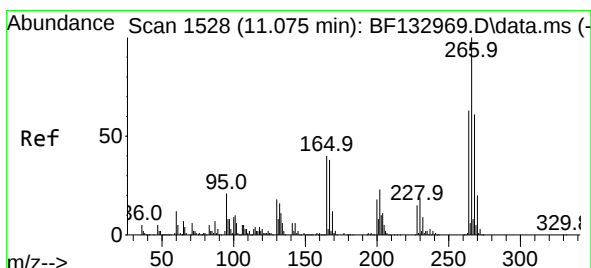
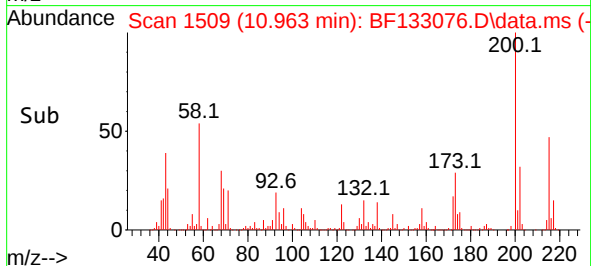
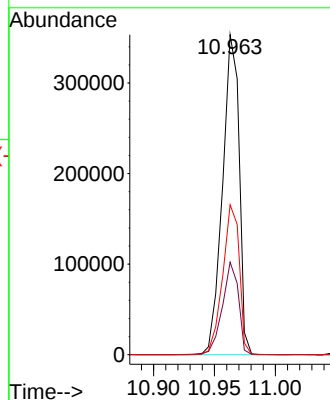
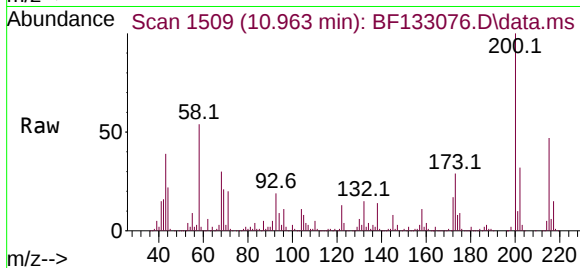
ClientSampleId :

20230353-COMP-31MS

Tgt Ion:200 Resp: 33624
 Ion Ratio Lower Upper
 200 100
 173 28.9 6.2 46.2
 215 46.9 26.3 66.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#70

Pentachlorophenol

Concen: 79.908 ng

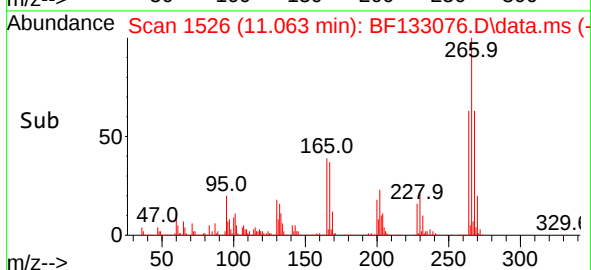
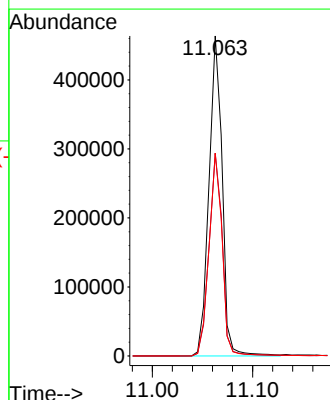
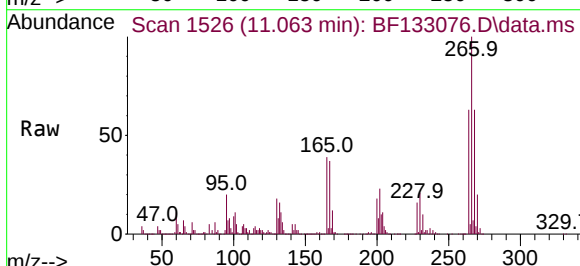
RT: 11.063 min Scan# 1526

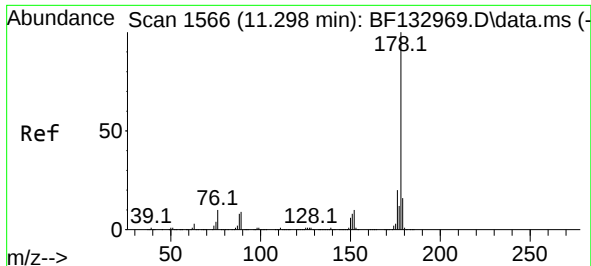
Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

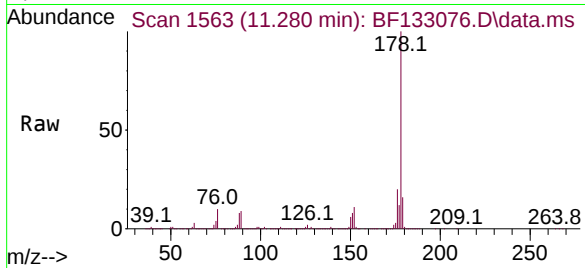
Tgt Ion:266 Resp: 424570
 Ion Ratio Lower Upper
 266 100
 268 63.4 48.8 73.2
 264 63.3 50.6 76.0





#71
Phenanthrene
Concen: 45.765 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

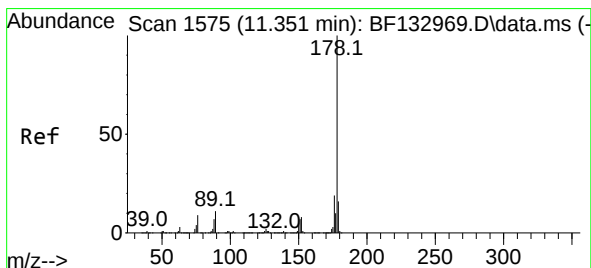
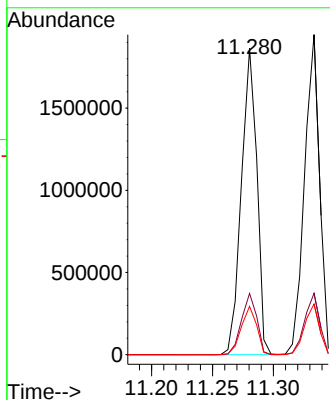
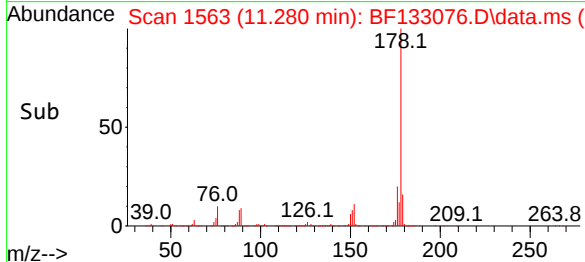
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:178 Resp: 1651208
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.5 18.7

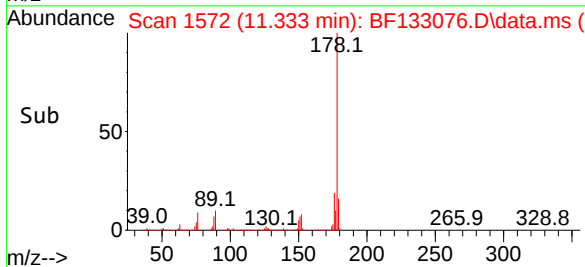
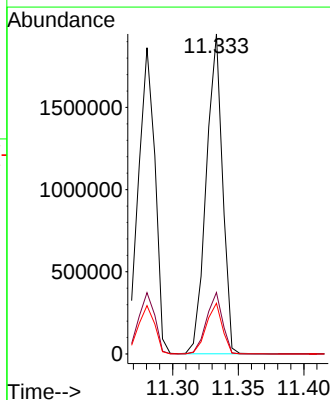
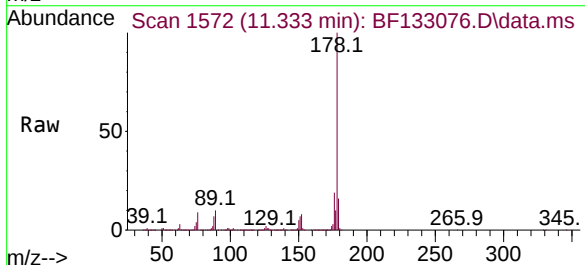
Manual Integrations
APPROVED

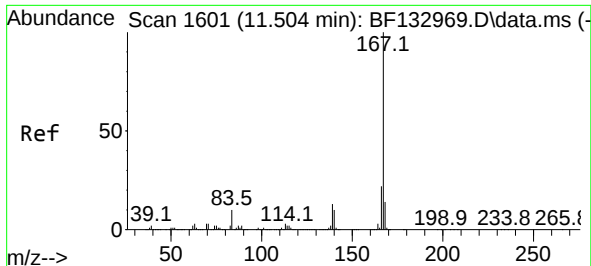
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Anthracene
Concen: 45.447 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

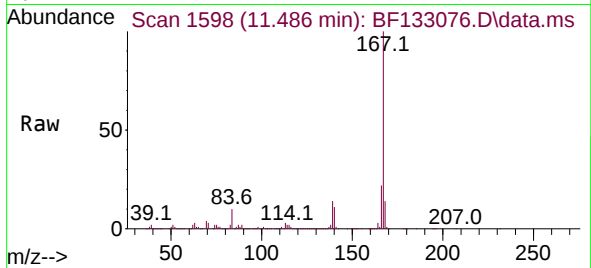
Tgt Ion:178 Resp: 1678096
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.8 12.4 18.6





#73
Carbazole
Concen: 46.937 ng
RT: 11.486 min Scan# 11486
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

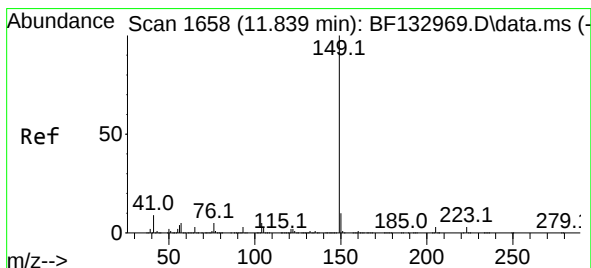
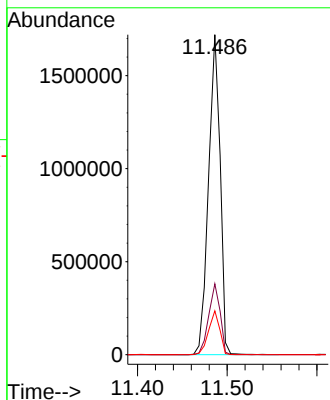
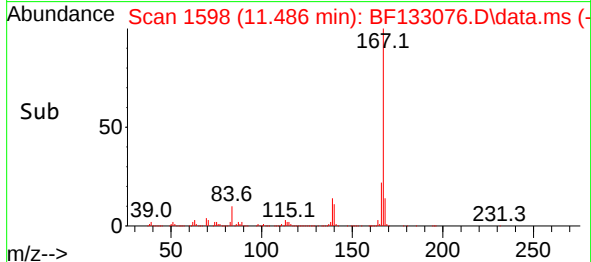
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



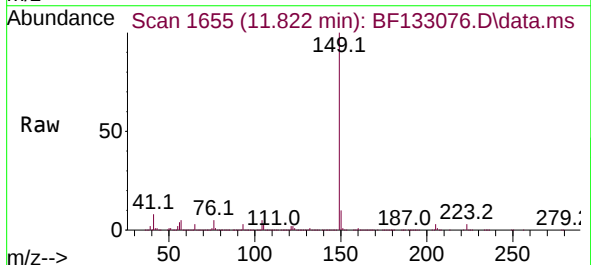
Tgt Ion:167 Resp: 154323
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 13.7 10.6 16.0

Manual Integrations
APPROVED

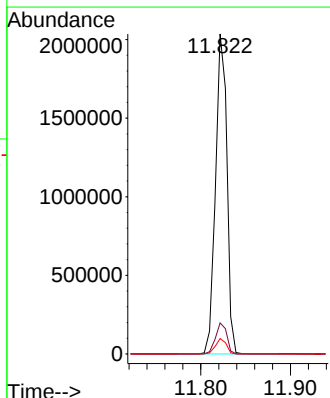
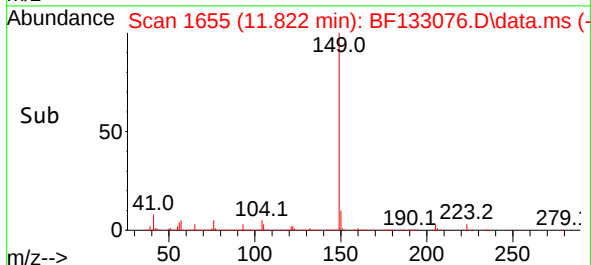
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

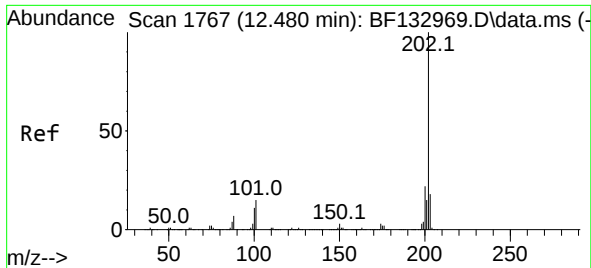


#74
Di-n-butylphthalate
Concen: 48.178 ng
RT: 11.822 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



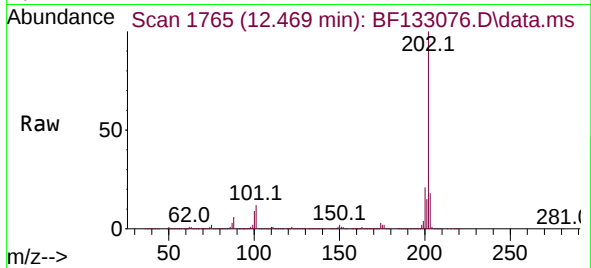
Tgt Ion:149 Resp: 1792579
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 45.603 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

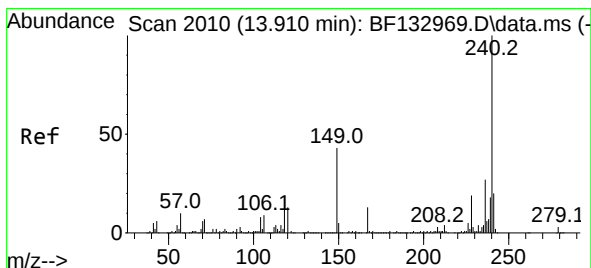
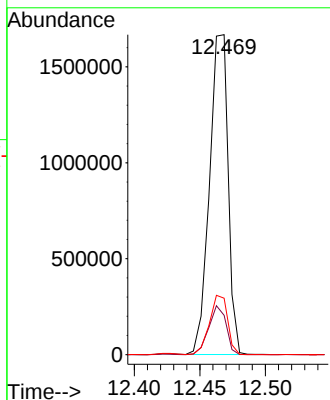
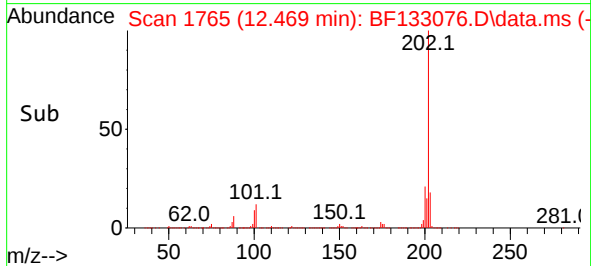
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion:202 Resp: 1651308
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.3
203 17.7 0.0 38.1

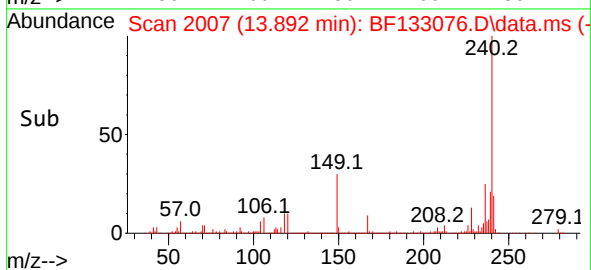
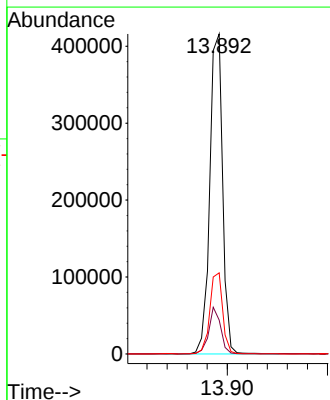
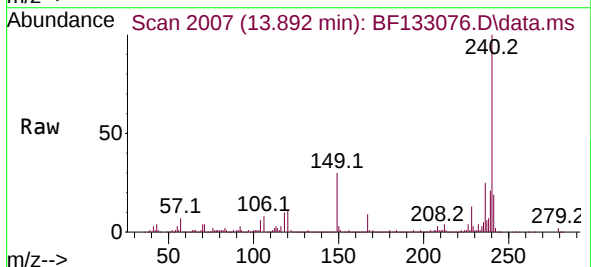
Manual Integrations
APPROVED

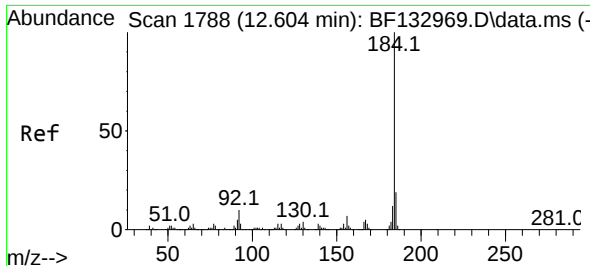
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

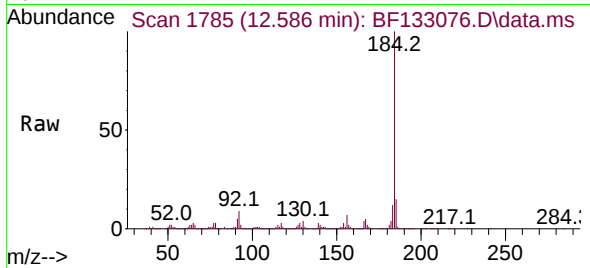
Tgt Ion:240 Resp: 371317
Ion Ratio Lower Upper
240 100
120 10.6 10.5 15.7
236 25.4 21.5 32.3





#77
Benzidine
Concen: 82.925 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

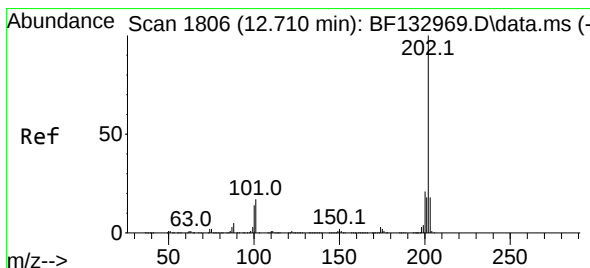
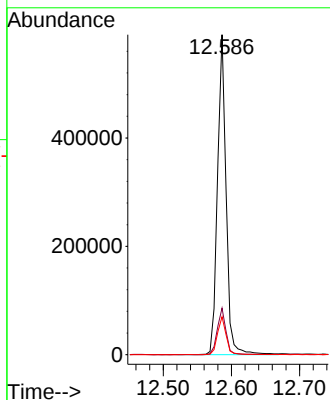
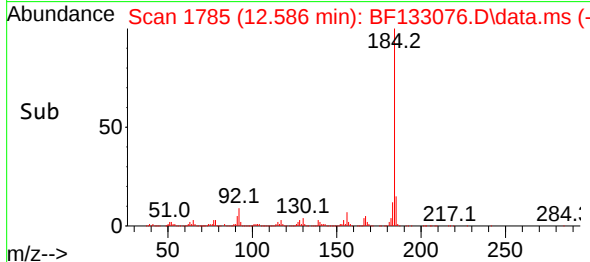
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



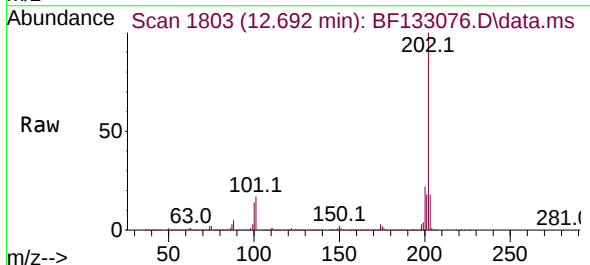
Tgt Ion:184 Resp: 520700
Ion Ratio Lower Upper
184 100
185 14.6 15.4 23.2
183 11.8 9.4 14.0

Manual Integrations
APPROVED

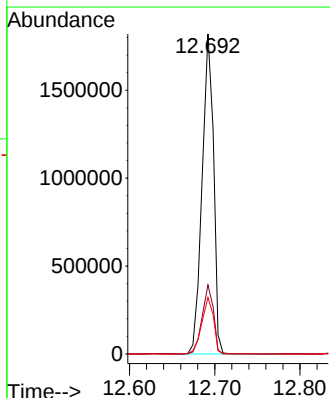
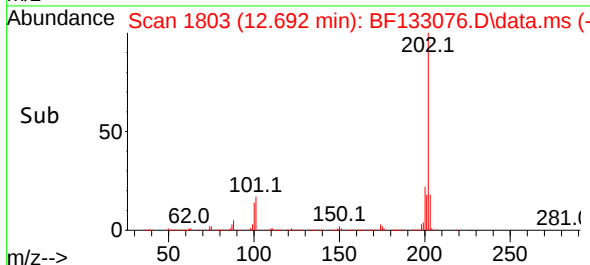
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

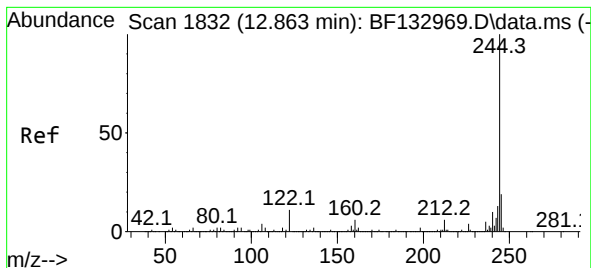


#78
Pyrene
Concen: 53.199 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



Tgt Ion:202 Resp: 1693344
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 70.856 ng

RT: 12.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133076.D

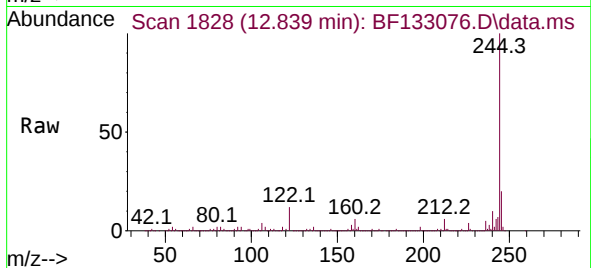
Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



Tgt Ion:244 Resp: 152551

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

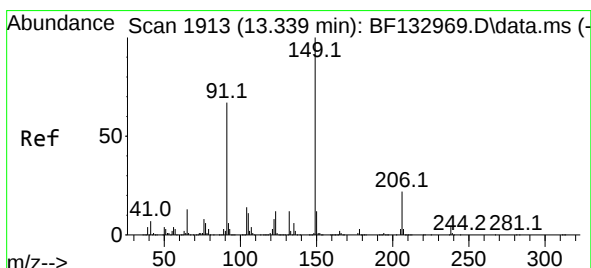
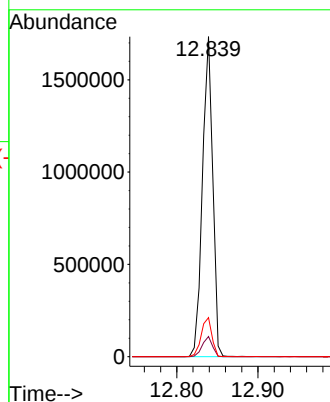
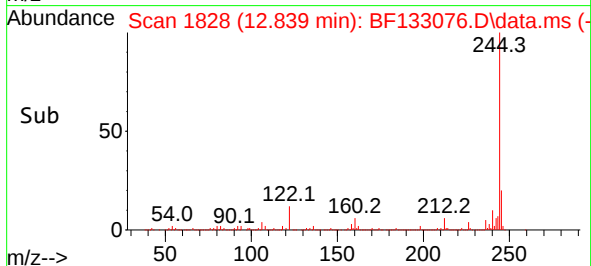
122 12.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#80

Butylbenzylphthalate

Concen: 61.972 ng

RT: 13.316 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

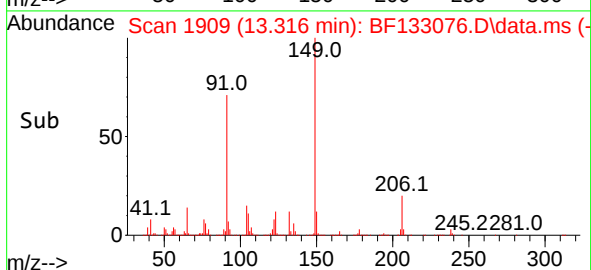
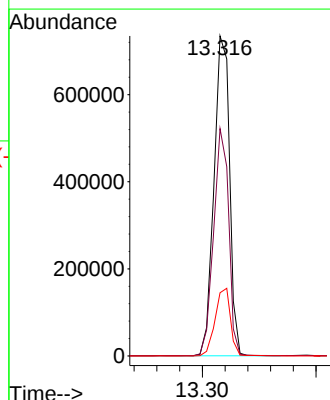
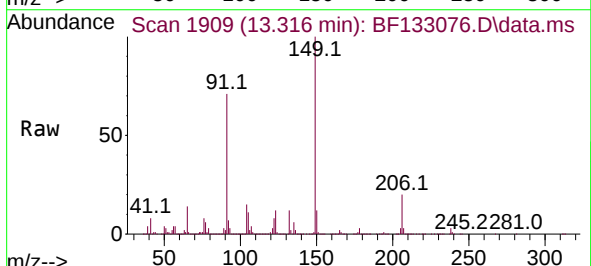
Tgt Ion:149 Resp: 698450

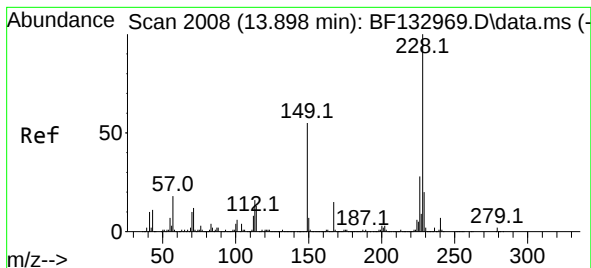
Ion Ratio Lower Upper

149 100

91 71.1 53.8 80.6

206 19.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.310 ng

RT: 13.880 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:228 Resp: 1208024

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

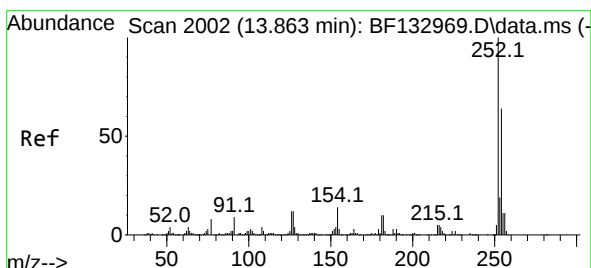
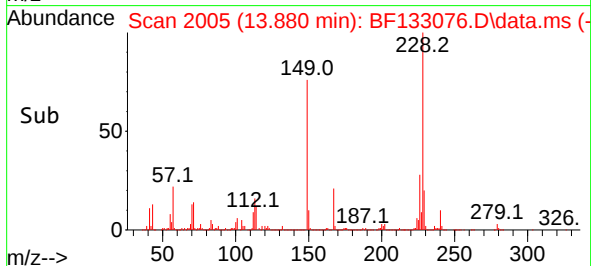
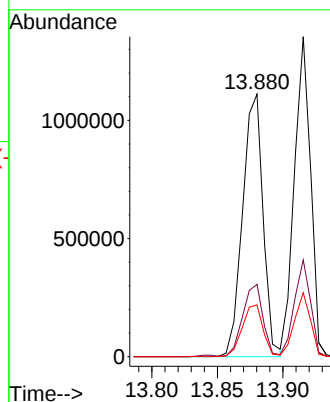
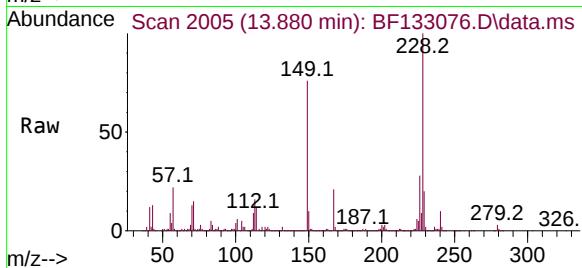
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 50.564 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

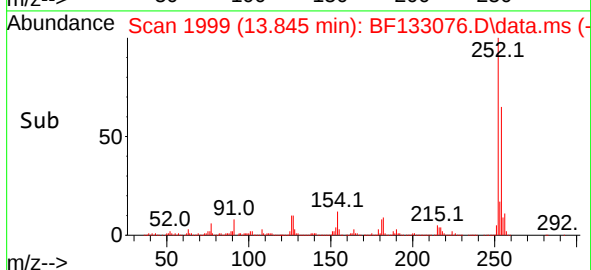
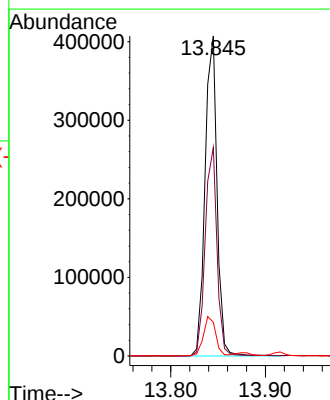
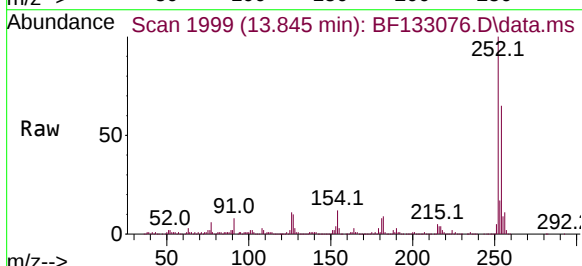
Tgt Ion:252 Resp: 356673

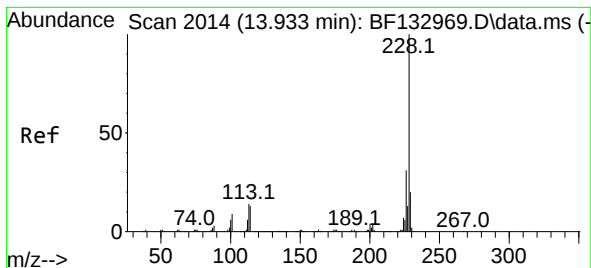
Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

126 10.6 9.5 14.3





#83

Chrysene

Concen: 45.563 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS

Tgt Ion:228 Resp: 1163130

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

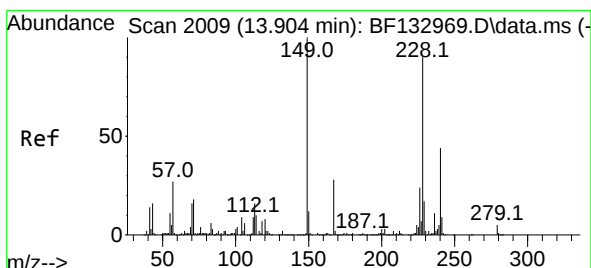
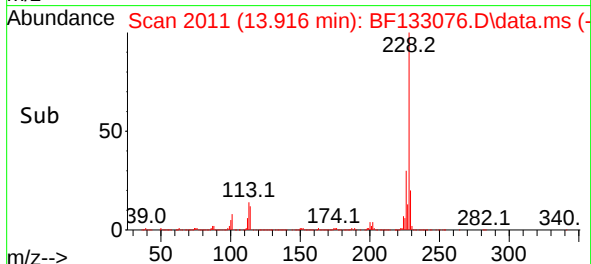
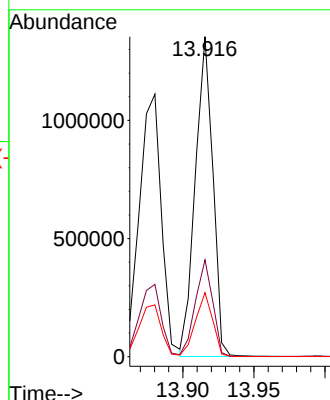
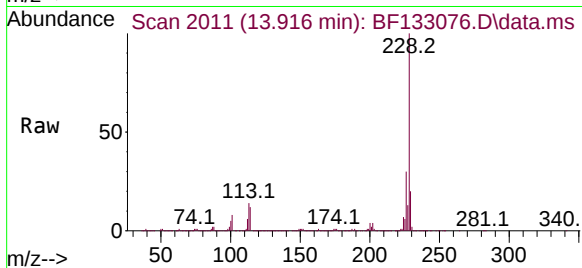
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.367 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

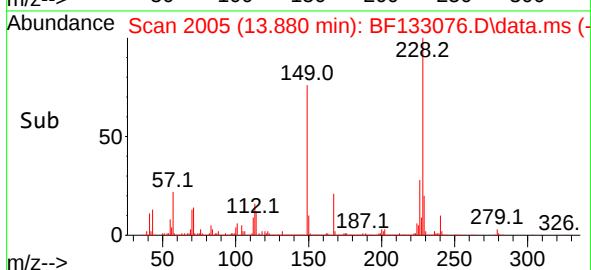
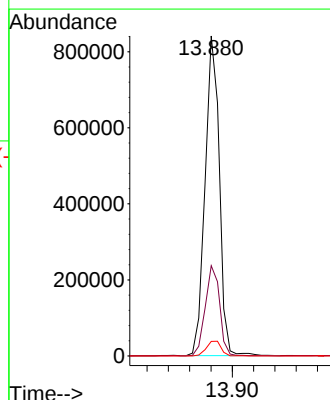
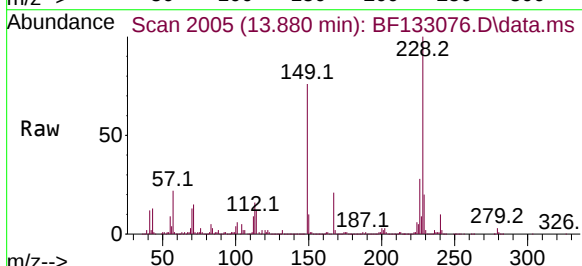
Tgt Ion:149 Resp: 783238

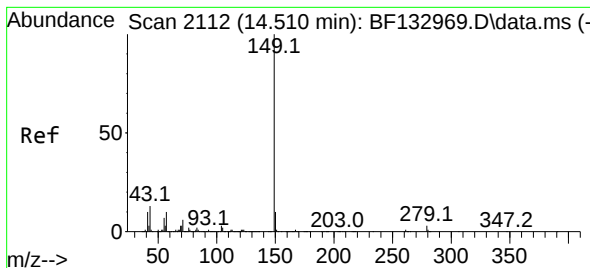
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

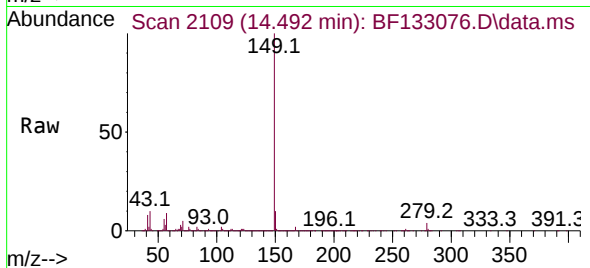
279 4.6 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 54.866 ng
RT: 14.492 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

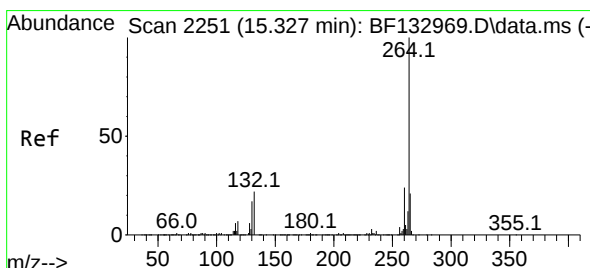
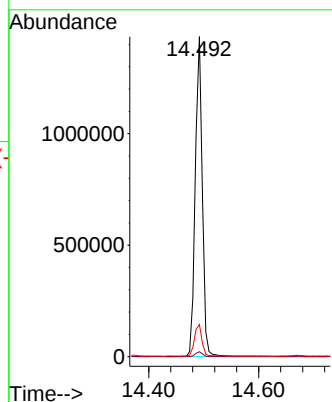
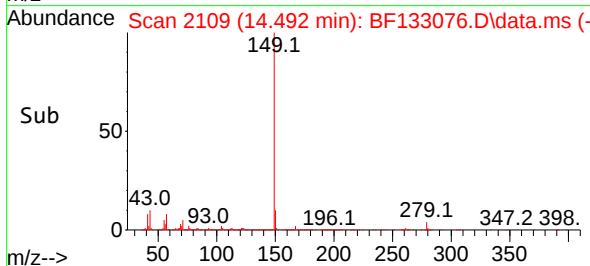
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



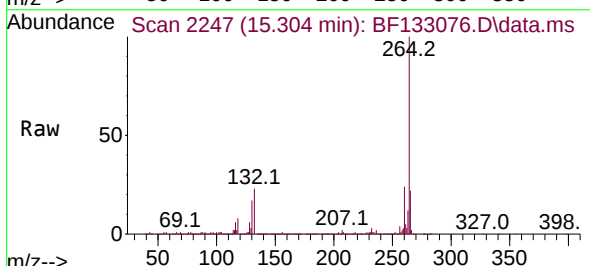
Tgt Ion:149 Resp: 1265560
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 9.5 14.3

Manual Integrations
APPROVED

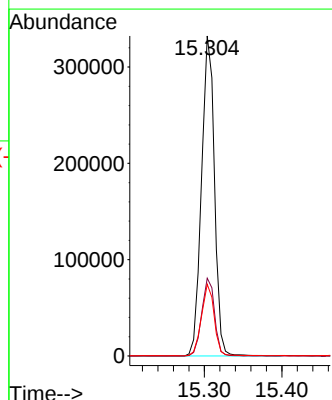
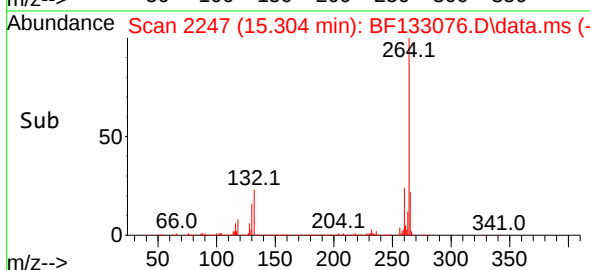
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

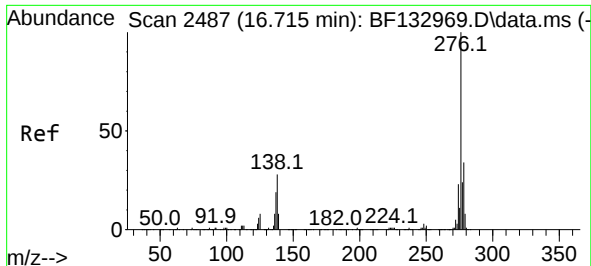


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



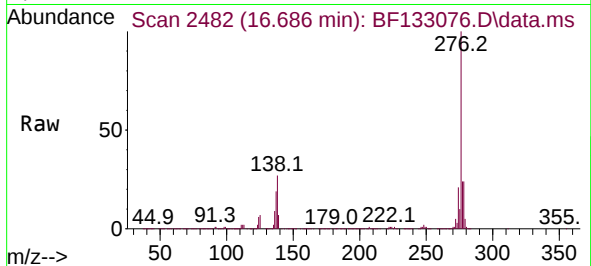
Tgt Ion:264 Resp: 385680
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 63.648 ng
RT: 16.686 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

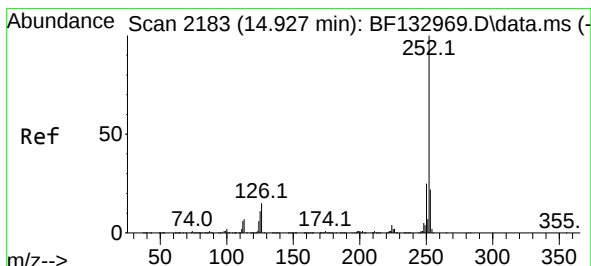
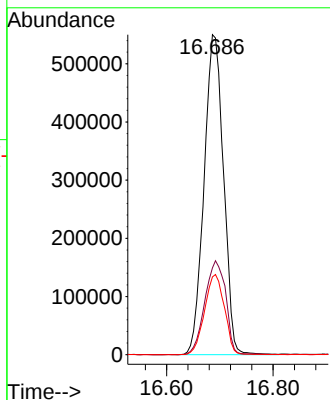
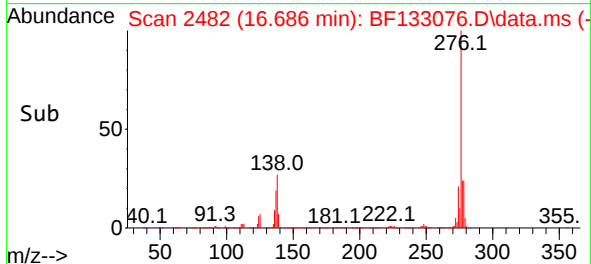
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



Tgt Ion: 276 Resp: 1396320
Ion Ratio Lower Upper
276 100
138 31.5 25.5 38.3
277 25.6 20.4 30.6

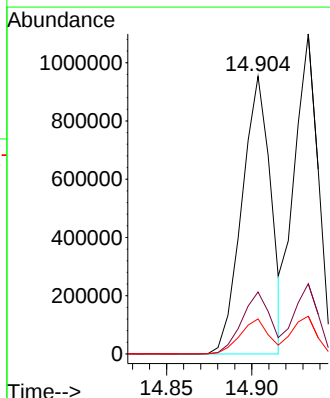
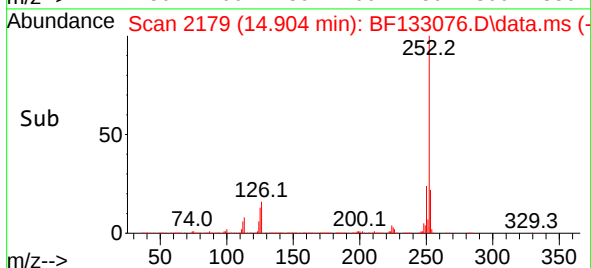
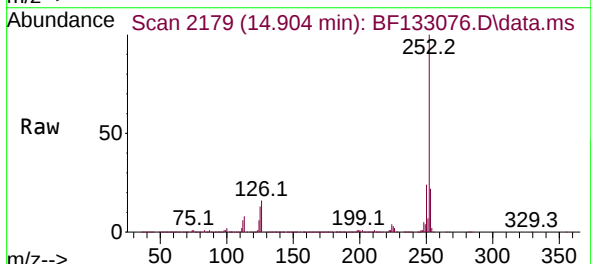
Manual Integrations
APPROVED

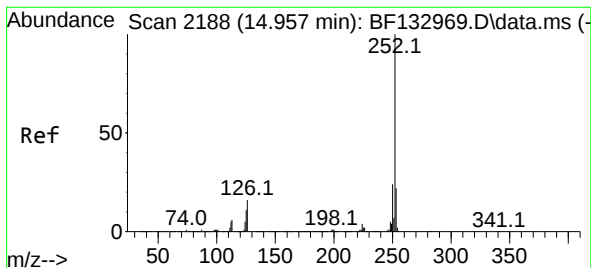
Reviewed By : Christian Giraldo 04/27/2023
Supervised By : Jagrut Upadhyay 04/27/2023



#88
Benzo(b)fluoranthene
Concen: 45.853 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

Tgt Ion: 252 Resp: 1125074
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.056 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133076.D

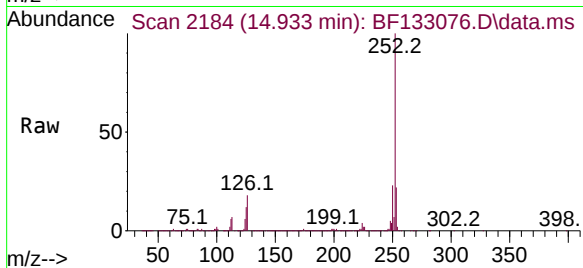
Acq: 26 Apr 2023 21:03

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31MS



Tgt Ion:252 Resp: 1071550

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

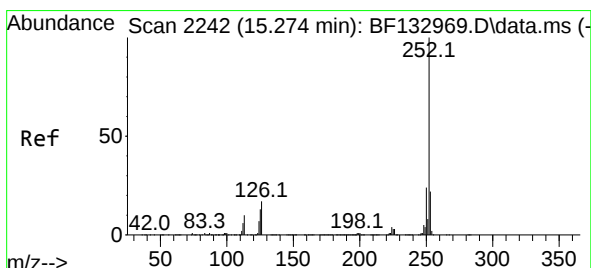
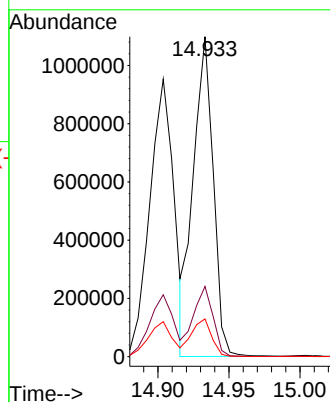
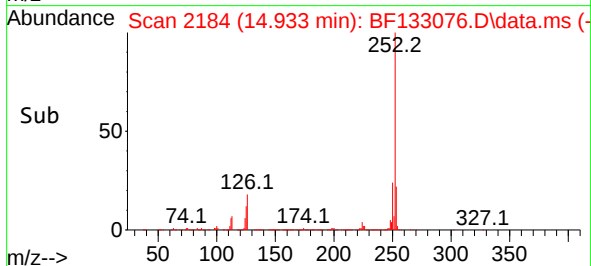
125 11.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#90

Benzo(a)pyrene

Concen: 44.965 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133076.D

Acq: 26 Apr 2023 21:03

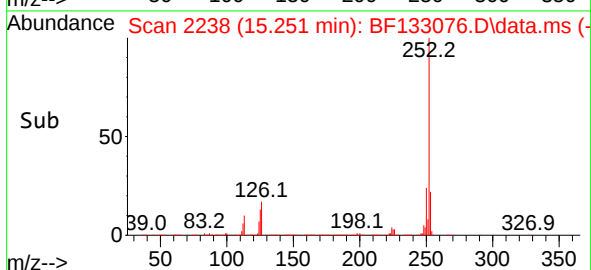
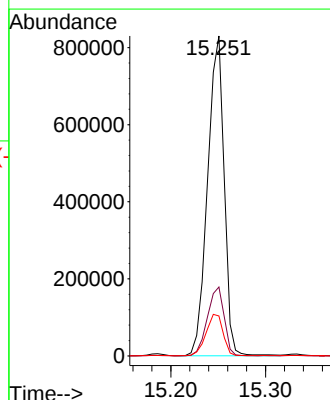
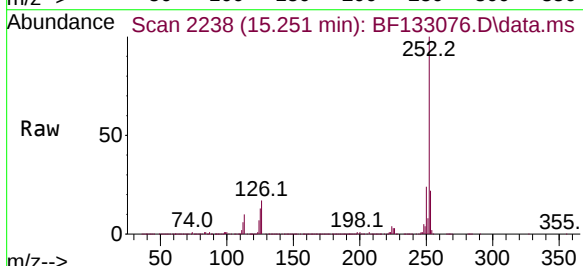
Tgt Ion:252 Resp: 1004220

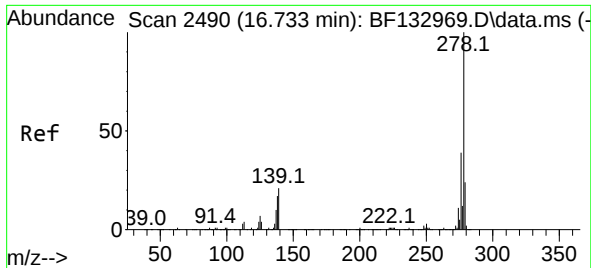
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

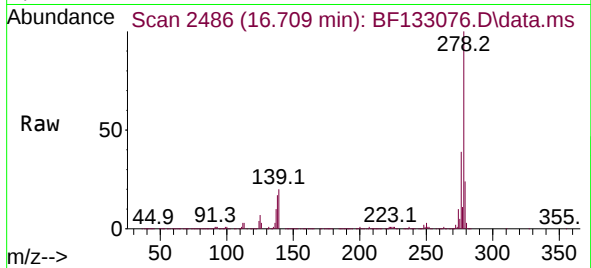
125 12.5 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 63.362 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03

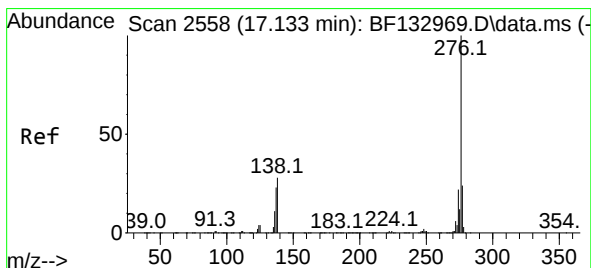
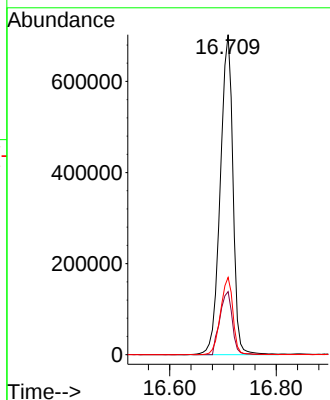
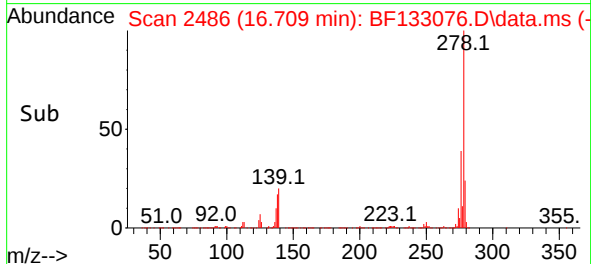
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS



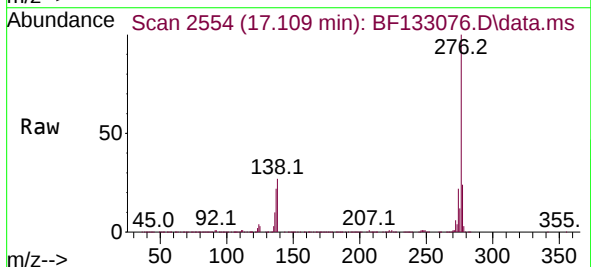
Tgt Ion:278 Resp: 1159369
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 24.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#92
Benzo(g,h,i)perylene
Concen: 62.299 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF133076.D
Acq: 26 Apr 2023 21:03



Tgt Ion:276 Resp: 1125400
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 26.5 22.7 34.1

