

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133397.D
 Acq On : 16 May 2023 12:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 16 12:45:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	238286	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	928167	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	479431	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	846602	20.000	ng	0.00
76) Chrysene-d12	13.886	240	520379	20.000	ng	0.00
86) Perylene-d12	15.304	264	484316	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1200255	76.090	ng	0.00
7) Phenol-d6	6.369	99	1461560	74.649	ng	0.00
23) Nitrobenzene-d5	7.292	82	1296521	75.398	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	365202	75.743	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2187858	76.346	ng	0.00
79) Terphenyl-d14	12.833	244	2264265	75.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	274203	37.477	ng	96
3) Pyridine	3.063	79	745720	38.374	ng	96
4) n-Nitrosodimethylamine	3.028	42	334759	33.258	ng	91
6) Aniline	6.387	93	911255	36.136	ng	# 54
8) 2-Chlorophenol	6.510	128	619693	38.692	ng	95
9) Benzaldehyde	6.269	77	362013	40.123	ng	98
10) Phenol	6.387	94	764201	35.381	ng	# 61
11) bis(2-Chloroethyl)ether	6.463	93	600356	37.040	ng	96
12) 1,3-Dichlorobenzene	6.663	146	658046	38.645	ng	97
13) 1,4-Dichlorobenzene	6.740	146	656995	38.498	ng	98
14) 1,2-Dichlorobenzene	6.892	146	614588	39.063	ng	98
15) Benzyl Alcohol	6.869	79	487240	36.027	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	913846	32.461	ng	88
17) 2-Methylphenol	6.992	107	550432	37.533	ng	96
18) Hexachloroethane	7.234	117	223888	37.735	ng	100
19) n-Nitroso-di-n-propyla...	7.145	70	412352	33.830	ng	94
20) 3+4-Methylphenols	7.145	107	671434	38.877	ng	# 73
22) Acetophenone	7.140	105	837023	38.930	ng	# 95
24) Nitrobenzene	7.310	77	663308	38.067	ng	100
25) Isophorone	7.551	82	1207572	36.987	ng	99
26) 2-Nitrophenol	7.628	139	359655	42.793	ng	89
27) 2,4-Dimethylphenol	7.669	122	557483	38.683	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	726195	37.598	ng	99
29) 2,4-Dichlorophenol	7.875	162	522056	39.793	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	533964	39.287	ng	99
31) Naphthalene	8.028	128	1804588	38.887	ng	100
32) Benzoic acid	7.804	122	307074	34.496	ng	95
33) 4-Chloroaniline	8.081	127	790475	42.159	ng	99
34) Hexachlorobutadiene	8.145	225	292869	38.878	ng	99
35) Caprolactam	8.463	113	183995m	41.748	ng	
36) 4-Chloro-3-methylphenol	8.569	107	559395	39.540	ng	98
37) 2-Methylnaphthalene	8.722	142	1212732	38.225	ng	99
38) 1-Methylnaphthalene	8.822	142	1135442	38.257	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	493573	38.290	ng	99
41) Hexachlorocyclopentadiene	8.875	237	288949	38.435	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	341466	38.304	ng	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	399248	38.724	ng	100
46) 1,1'-Biphenyl	9.186	154	1452164	38.198	ng	98
47) 2-Chloronaphthalene	9.210	162	1063592	38.223	ng	99
48) 2-Nitroaniline	9.310	65	358425	38.975	ng	96
49) Acenaphthylene	9.622	152	1700682	38.251	ng	100
50) Dimethylphthalate	9.486	163	1296072	38.770	ng	100
51) 2,6-Dinitrotoluene	9.551	165	297928	39.596	ng	89
52) Acenaphthene	9.792	154	1130293m	37.957	ng	
53) 3-Nitroaniline	9.722	138	358223	40.041	ng	99
54) 2,4-Dinitrophenol	9.833	184	137430	36.338	ng	# 88
55) Dibenzofuran	9.969	168	1526421	37.578	ng	99
56) 4-Nitrophenol	9.892	139	263264	37.994	ng	96
57) 2,4-Dinitrotoluene	9.957	165	379989	39.601	ng	92
58) Fluorene	10.310	166	1152942	38.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	306456	38.340	ng	97
60) Diethylphthalate	10.186	149	1200025	38.004	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	553690	38.179	ng	95
62) 4-Nitroaniline	10.333	138	354912	43.163	ng	99
63) Azobenzene	10.463	77	1207117	36.087	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	213338	41.575	ng	91
66) n-Nitrosodiphenylamine	10.422	169	1032210	37.587	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	345385	37.616	ng	98
68) Hexachlorobenzene	10.863	284	359867	38.249	ng	94
69) Atrazine	10.951	200	305518	38.610	ng	99
70) Pentachlorophenol	11.057	266	261845	39.077	ng	98
71) Phenanthrene	11.269	178	1681197	36.947	ng	99
72) Anthracene	11.322	178	1769559	38.001	ng	100
73) Carbazole	11.480	167	1564255	37.725	ng	99
74) Di-n-butylphthalate	11.810	149	1832726	39.058	ng	99
75) Fluoranthene	12.457	202	1687927	36.962	ng	98
77) Benzidine	12.580	184	810103	92.058	ng	94
78) Pyrene	12.686	202	1734333	38.879	ng	99
80) Butylbenzylphthalate	13.304	149	740438	46.879	ng	97
81) Benzo(a)anthracene	13.874	228	1296651	36.235	ng	98
82) 3,3'-Dichlorobenzidine	13.839	252	388141	39.263	ng	98
83) Chrysene	13.910	228	1321730	36.945	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	862818	43.521	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1288046	39.845	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1103631	40.061	ng	99
88) Benzo(b)fluoranthene	14.898	252	1016626	32.995	ng	98
89) Benzo(k)fluoranthene	14.927	252	1043191	34.155	ng	99
90) Benzo(a)pyrene	15.245	252	980877	34.975	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	924051	40.216	ng	99
92) Benzo(g,h,i)perylene	17.109	276	931125	41.047	ng	98

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

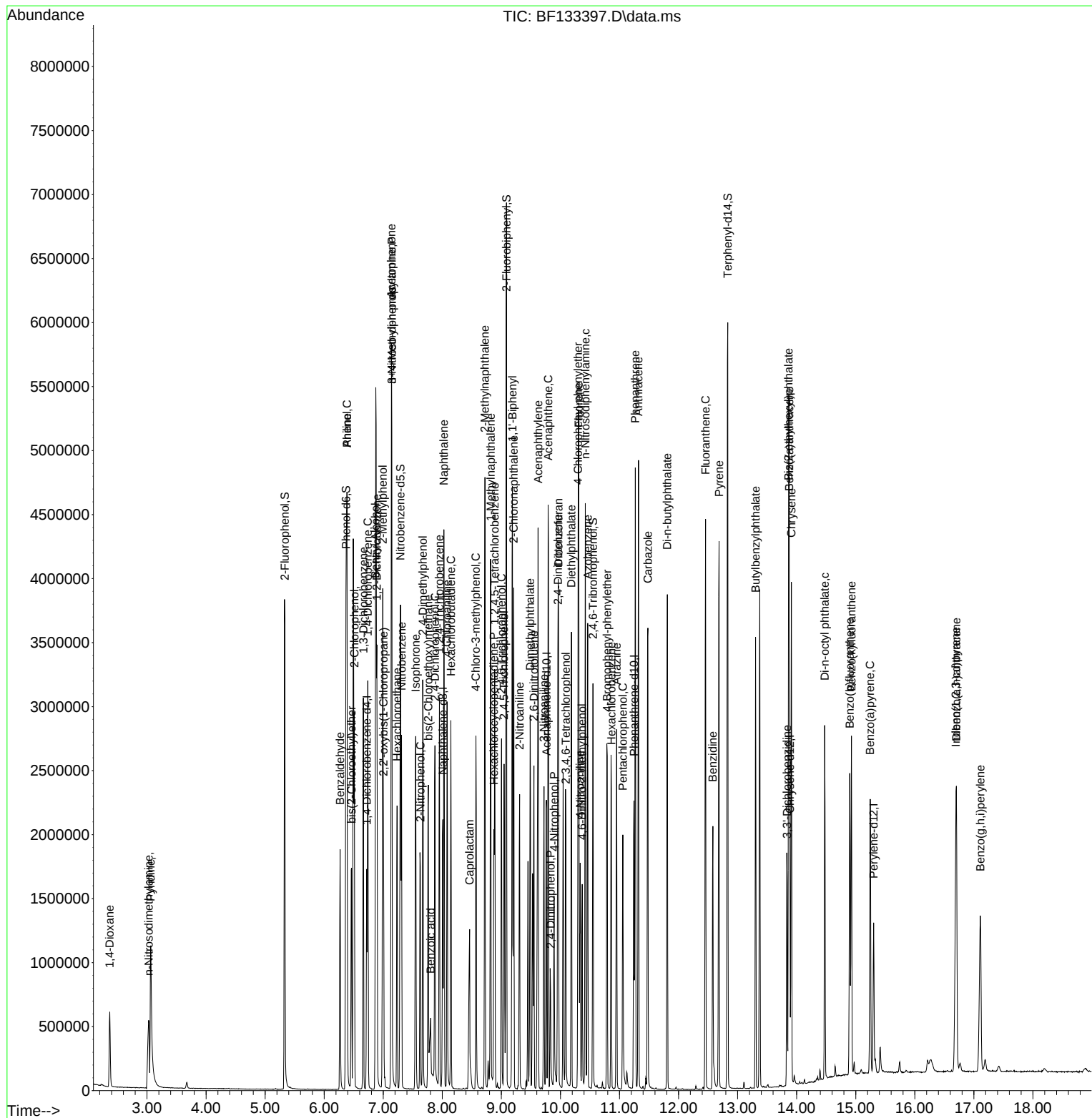
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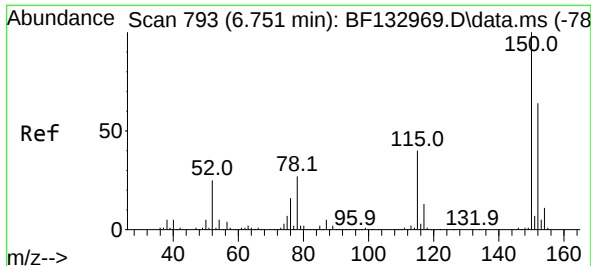
Instrument :
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Supervised By : Jagrut Upadhyay 05/17/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133397.D
 Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

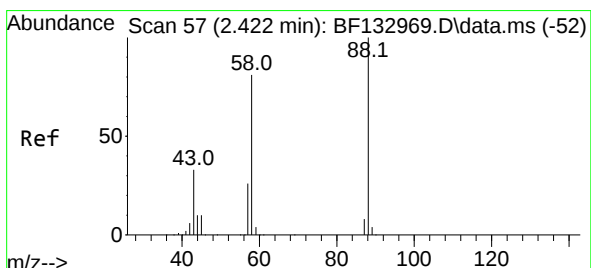
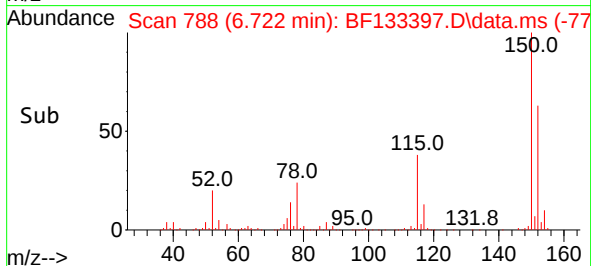
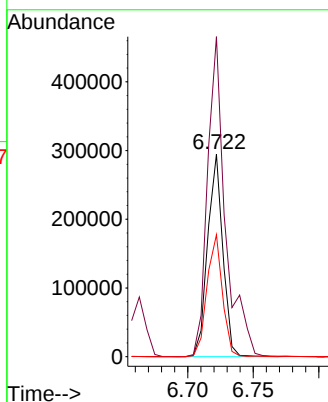
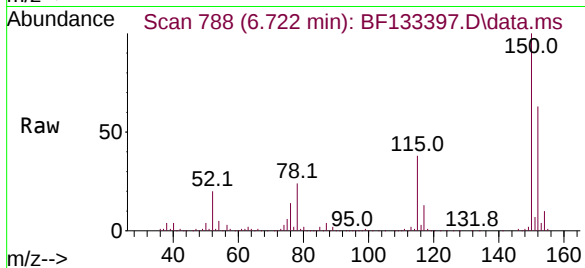
SSTDCCC040

Tgt Ion:152 Resp: 238280
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.8 187.2
 115 60.1 49.9 74.9

Manual Integrations

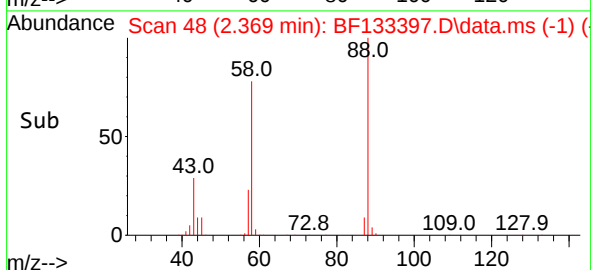
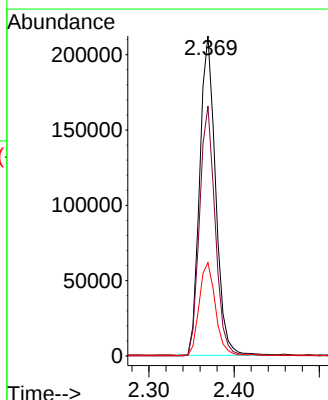
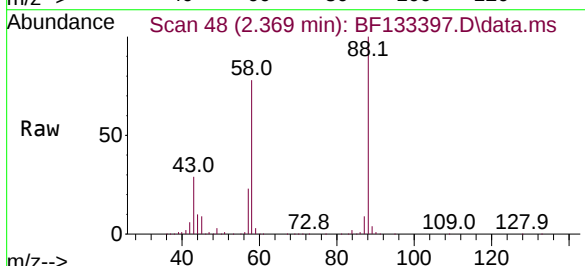
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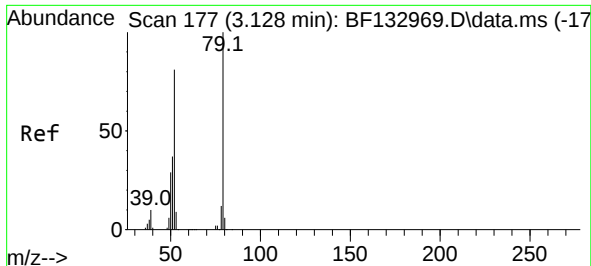
Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023



#2
 1,4-Dioxane
 Concen: 37.477 ng
 RT: 2.369 min Scan# 48
 Delta R.T. 0.006 min
 Lab File: BF133397.D
 Acq: 16 May 2023 12:10

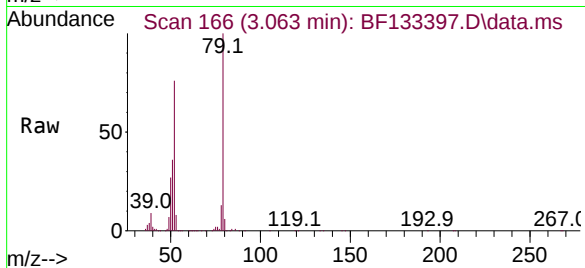
Tgt Ion: 88 Resp: 274203
 Ion Ratio Lower Upper
 88 100
 58 77.7 64.7 97.1
 43 29.7 26.2 39.2





#3
Pyridine
Concen: 38.374 ng
RT: 3.063 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

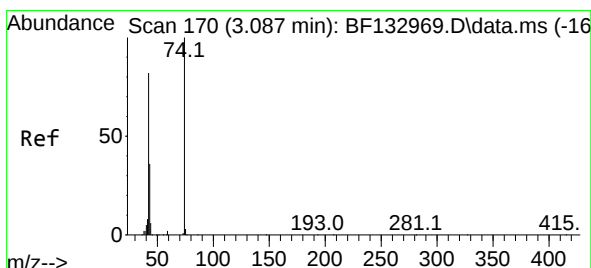
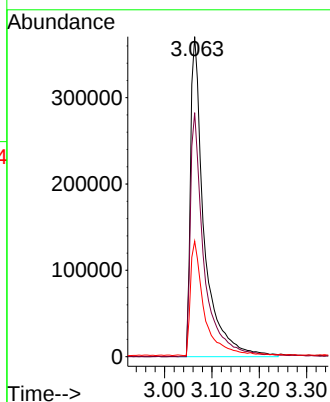
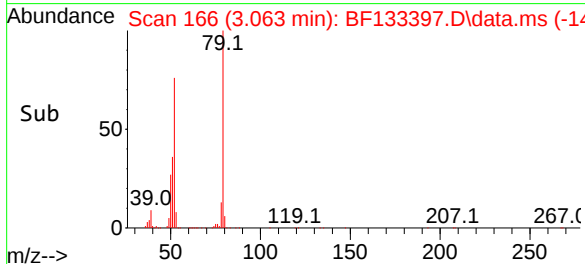
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



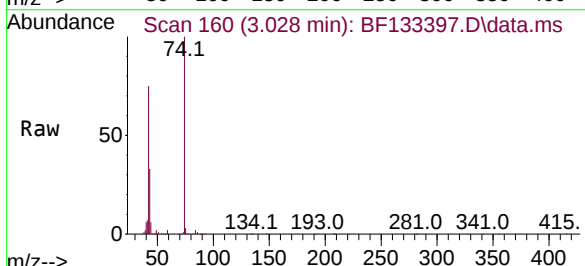
Tgt Ion: 79 Resp: 745720
Ion Ratio Lower Upper
79 100
52 76.3 64.6 96.8
51 36.1 30.0 45.0

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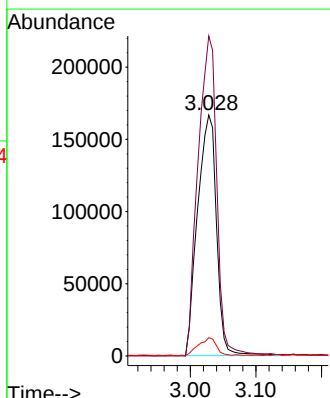
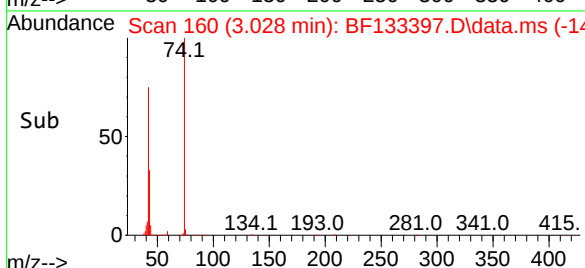
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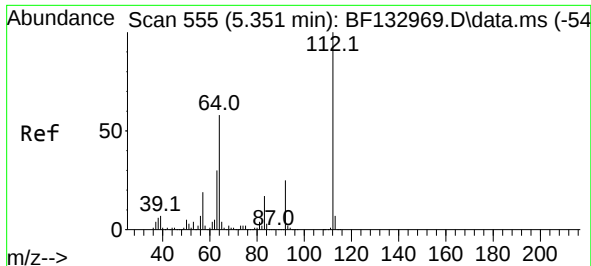


#4
n-Nitrosodimethylamine
Concen: 33.258 ng
RT: 3.028 min Scan# 160
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



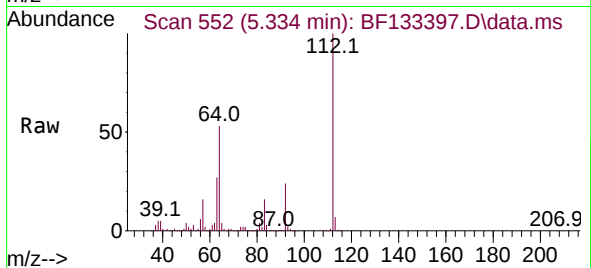
Tgt Ion: 42 Resp: 334759
Ion Ratio Lower Upper
42 100
74 132.8 98.0 147.0
44 7.5 5.8 8.8





#5
2-Fluorophenol
Concen: 76.090 ng
RT: 5.334 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

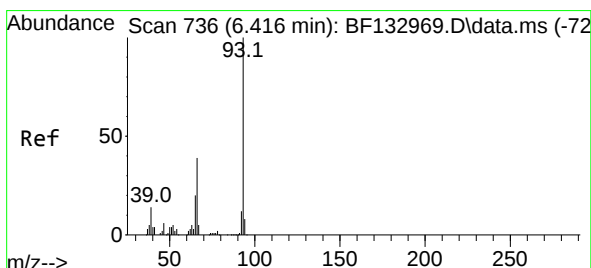
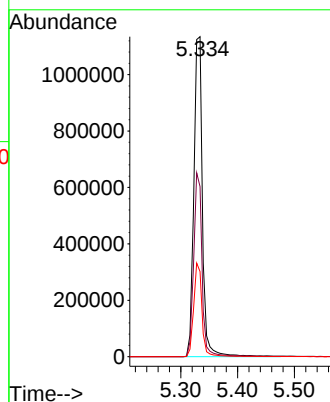
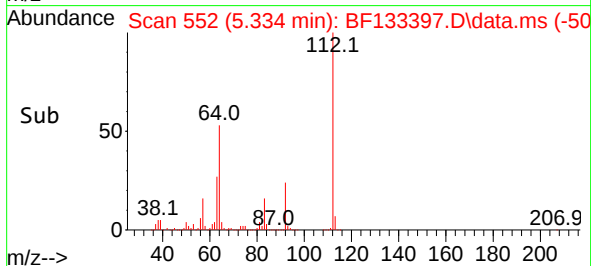
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 120025
Ion Ratio Lower Upper
112 100
64 53.1 46.8 70.2
63 26.6 23.8 35.8

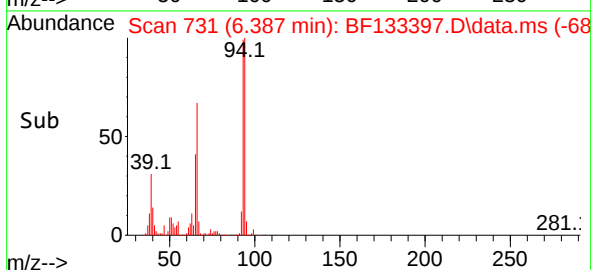
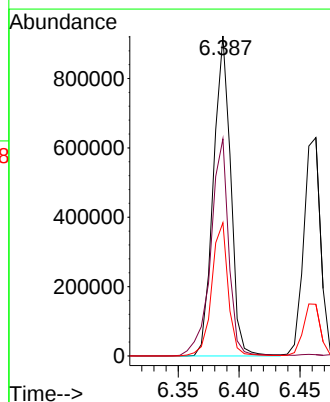
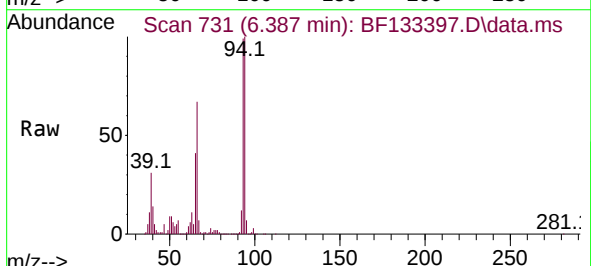
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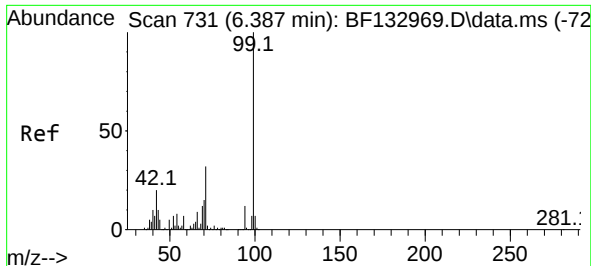
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#6
Aniline
Concen: 36.136 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

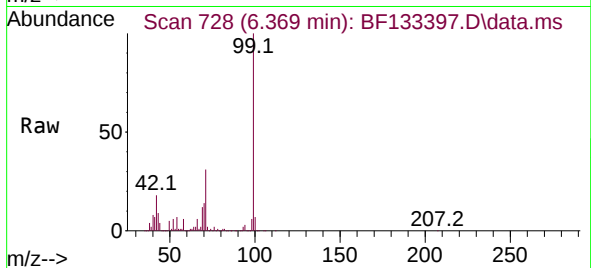
Tgt Ion: 93 Resp: 911255
Ion Ratio Lower Upper
93 100
66 67.9 31.5 47.3#
65 41.7 16.4 24.6#





#7
Phenol-d6
Concen: 74.649 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

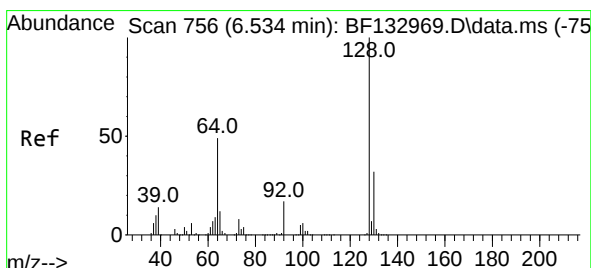
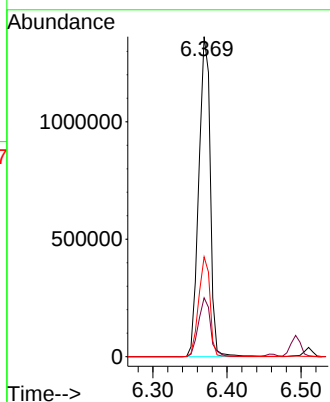
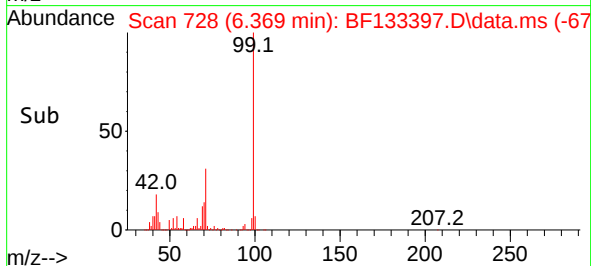
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1461560
Ion Ratio Lower Upper
99 100
42 18.4 16.3 24.5
71 31.2 25.6 38.4

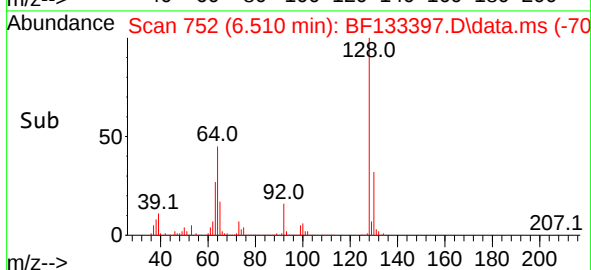
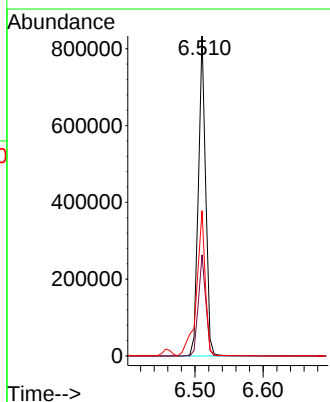
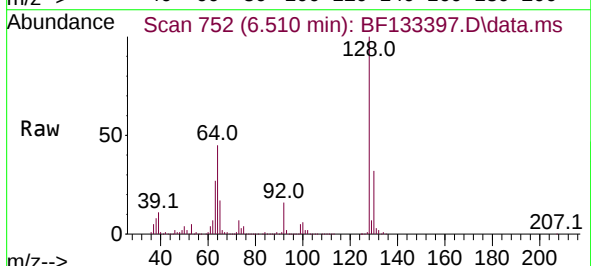
Manual Integrations
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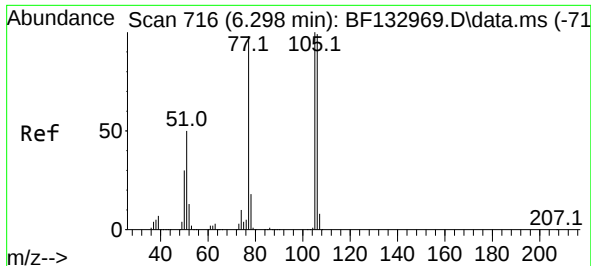
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#8
2-Chlorophenol
Concen: 38.692 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

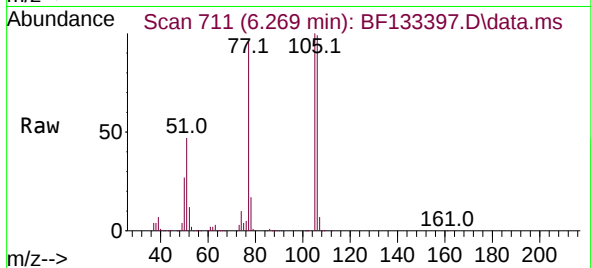
Tgt Ion:128 Resp: 619693
Ion Ratio Lower Upper
128 100
130 31.6 12.2 52.2
64 45.4 30.3 70.3





#9
Benzaldehyde
Concen: 40.123 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

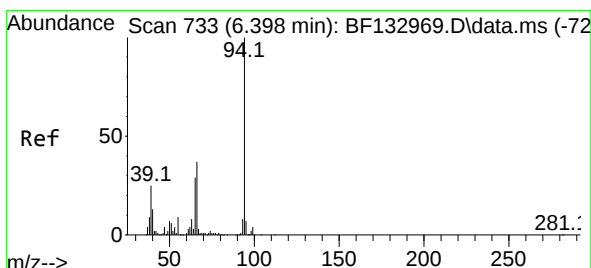
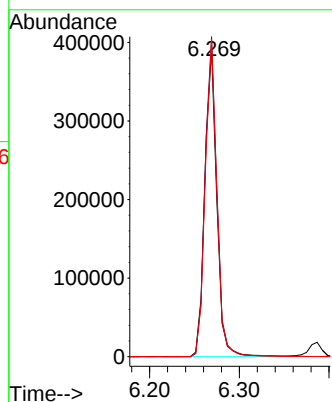
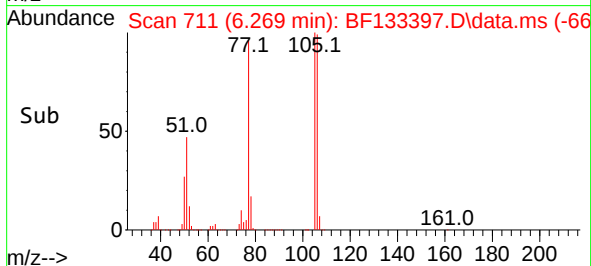
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 36201
Ion Ratio Lower Upper
77 100
105 104.2 82.3 122.3
106 103.3 80.8 120.8

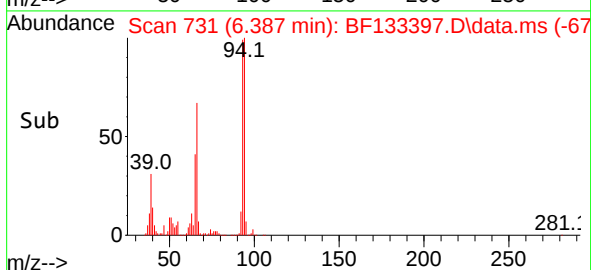
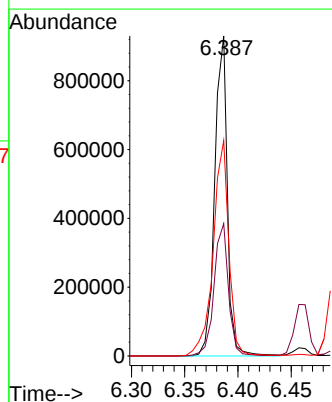
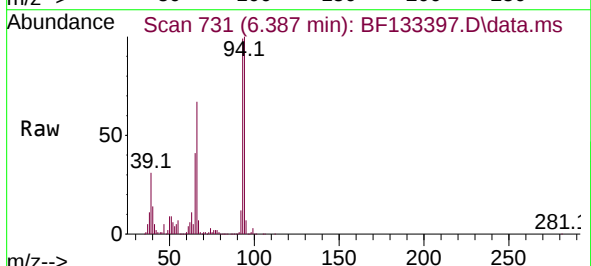
Manual Integrations
APPROVED

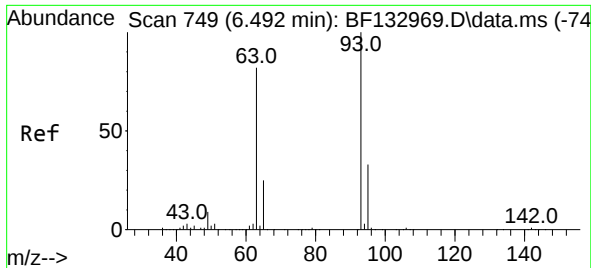
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#10
Phenol
Concen: 35.381 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion: 94 Resp: 764201
Ion Ratio Lower Upper
94 100
65 41.3 8.6 48.6
66 67.3 17.3 57.3#





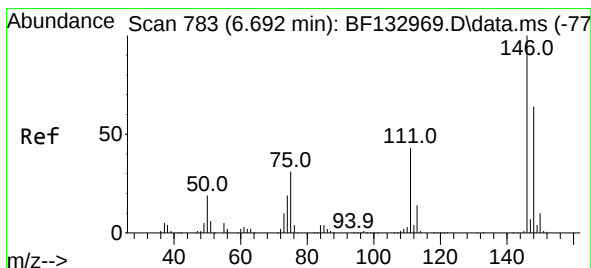
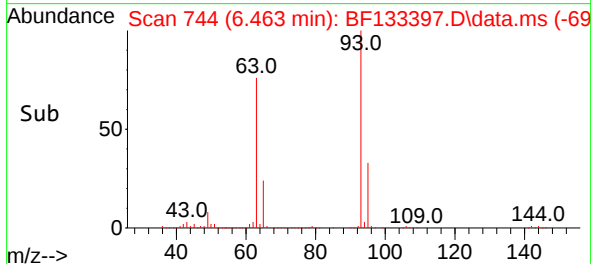
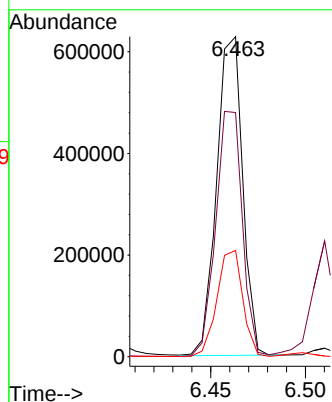
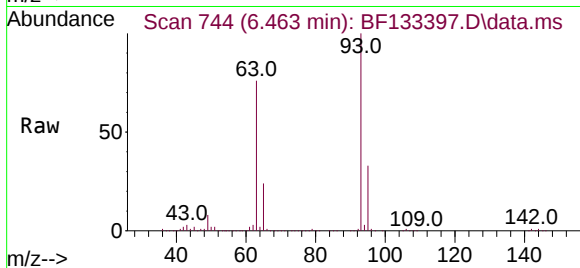
#11
bis(2-Chloroethyl)ether
Concen: 37.040 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 600350
Ion Ratio Lower Upper
93 100
63 76.3 60.6 100.6
95 33.2 12.9 52.9

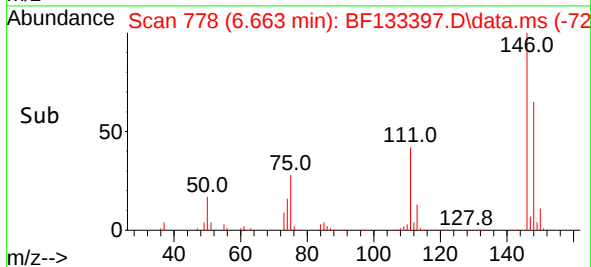
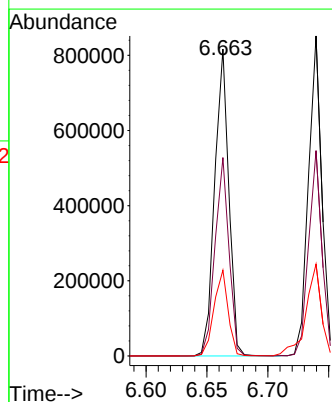
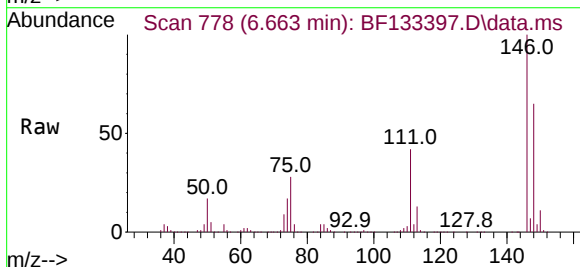
Manual Integrations
APPROVED

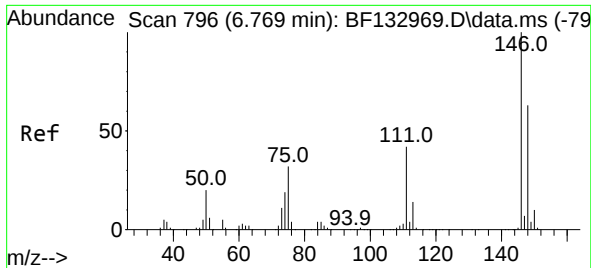
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#12
1,3-Dichlorobenzene
Concen: 38.645 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:146 Resp: 658046
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 28.0 24.8 37.2





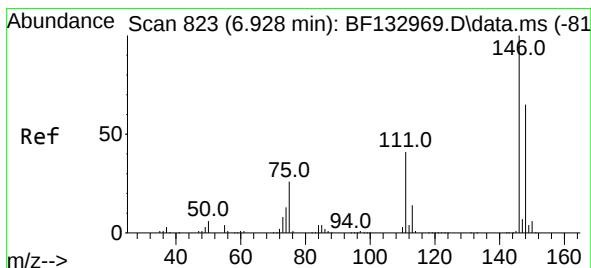
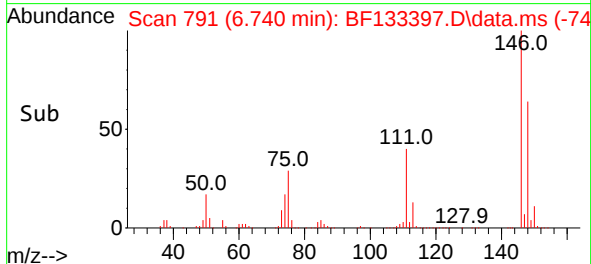
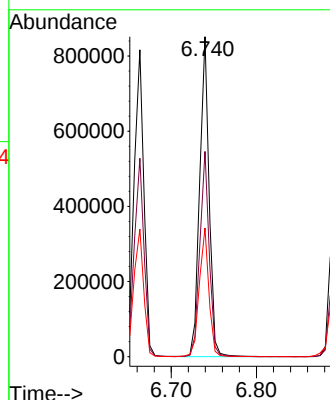
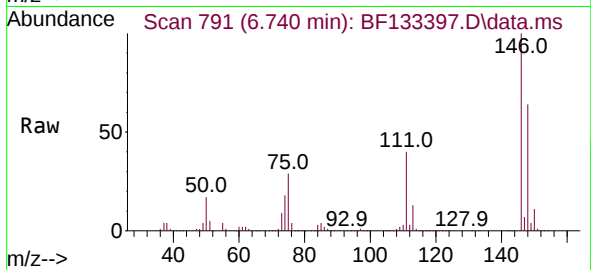
#13
1,4-Dichlorobenzene
Concen: 38.498 ng
RT: 6.740 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 65699
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
111 40.2 33.8 50.6

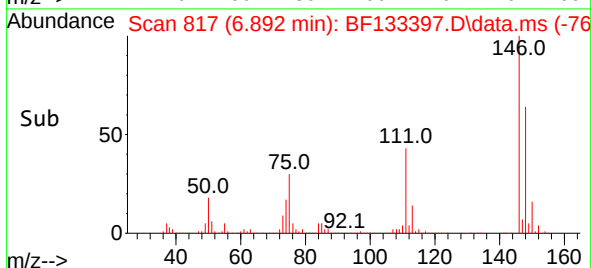
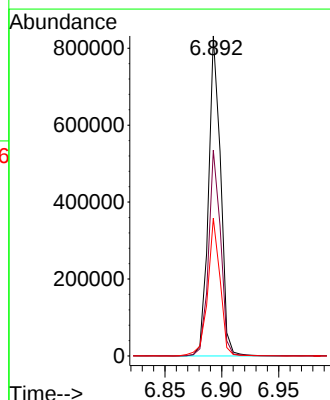
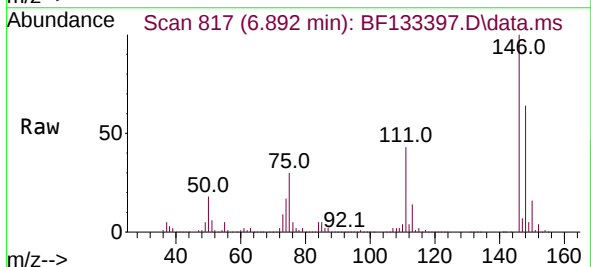
Manual Integrations
APPROVED

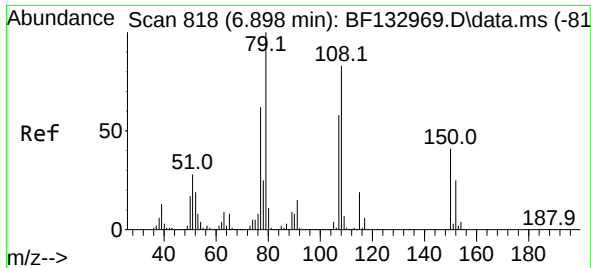
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#14
1,2-Dichlorobenzene
Concen: 39.063 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:146 Resp: 614588
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
111 43.1 32.8 49.2





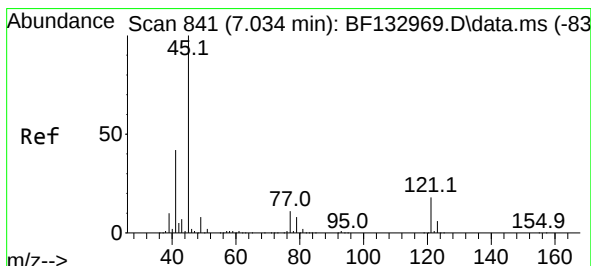
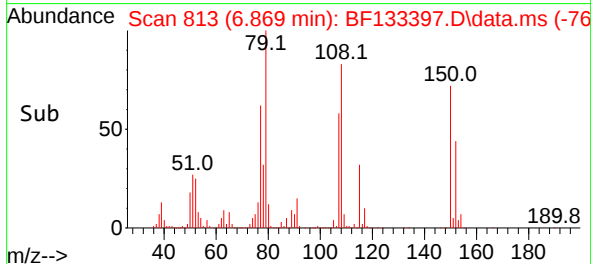
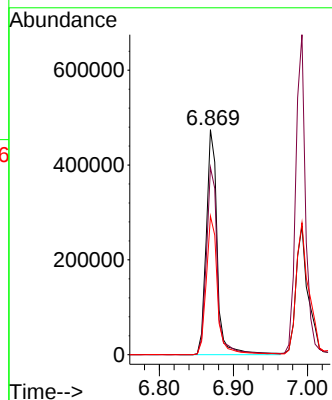
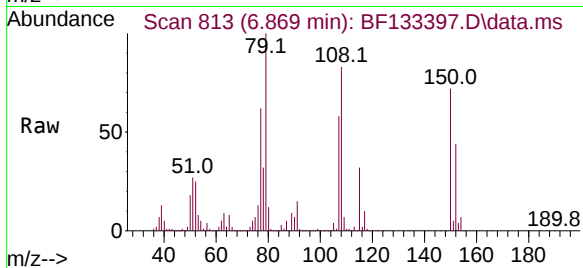
#15
Benzyl Alcohol
Concen: 36.027 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 487240
Ion Ratio Lower Upper
79 100
108 83.2 66.6 99.8
77 61.6 49.2 73.8

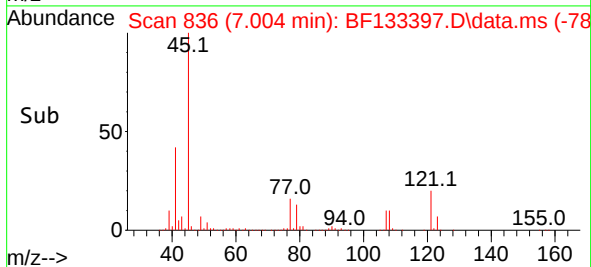
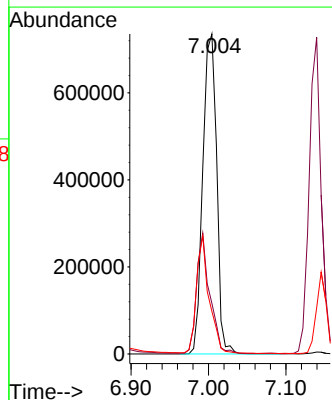
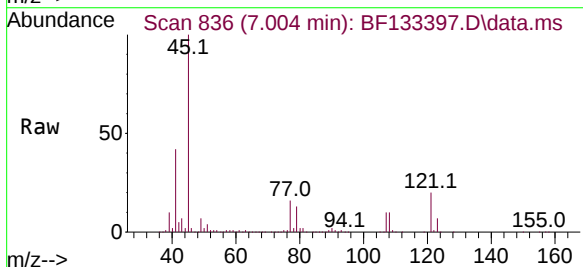
Manual Integrations
APPROVED

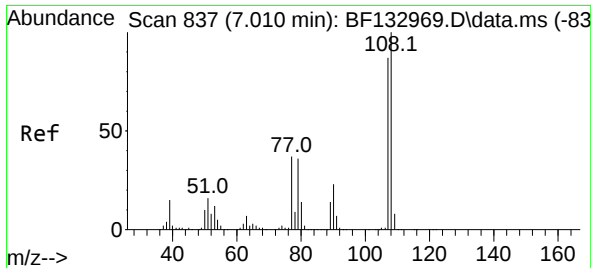
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.461 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

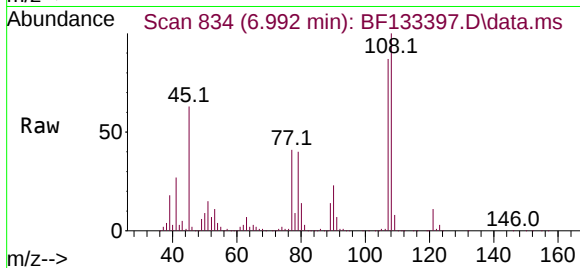
Tgt Ion: 45 Resp: 913846
Ion Ratio Lower Upper
45 100
77 15.8 0.0 31.5
79 13.3 0.0 28.7





#17
2-Methylphenol
Concen: 37.533 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

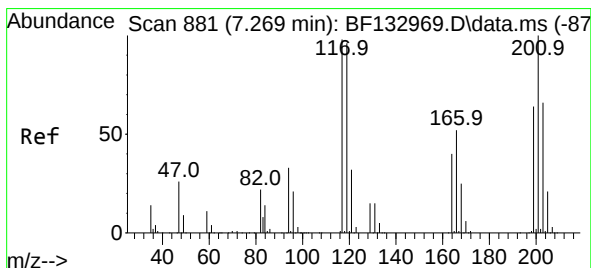
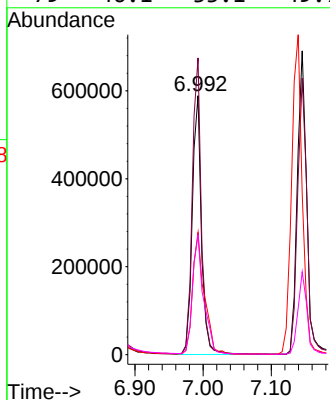
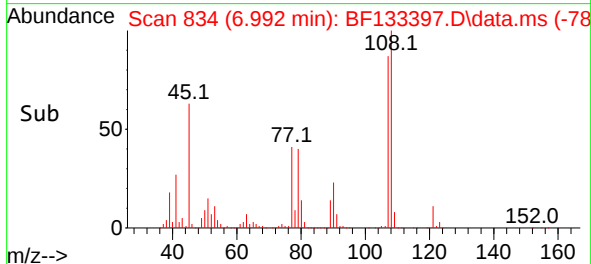
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:	107	Resp:	55043
Ion Ratio	Lower	Upper	
107	100		
108	114.6	92.4	138.6
77	47.2	33.8	50.8
79	46.1	33.1	49.7

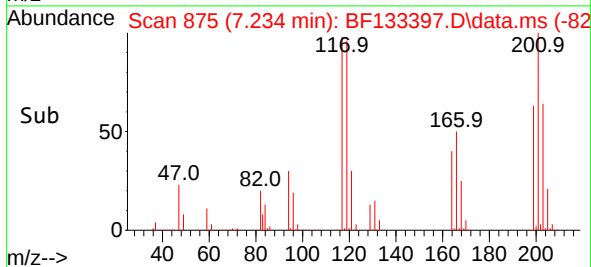
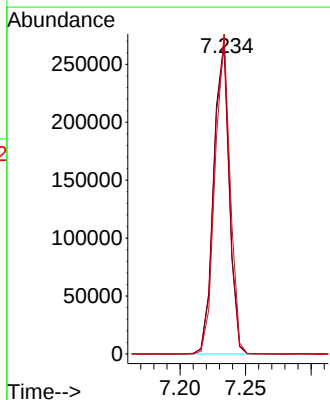
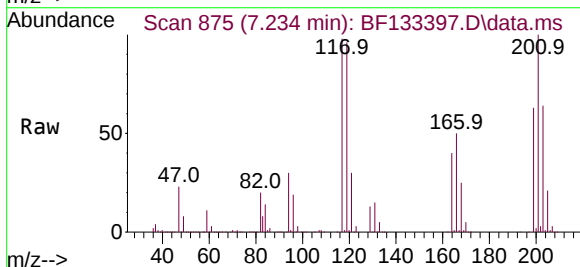
Manual Integrations
APPROVED

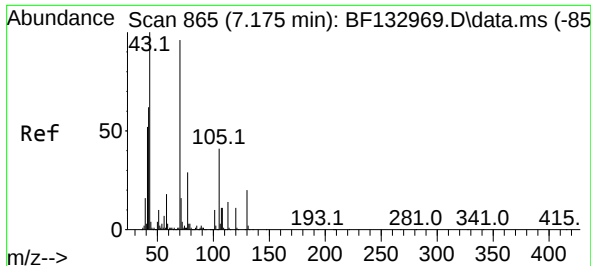
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#18
Hexachloroethane
Concen: 37.735 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

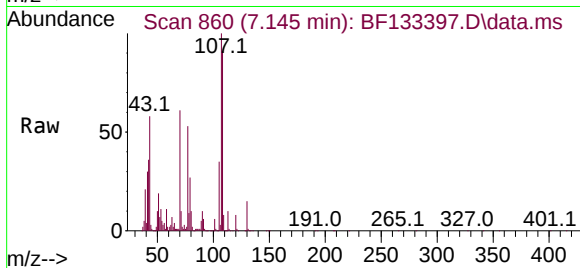
Tgt Ion:	117	Resp:	223888
Ion Ratio	Lower	Upper	
117	100		
119	97.7	78.2	117.4
201	102.2	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.830 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

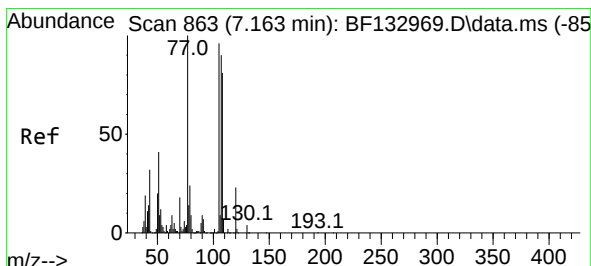
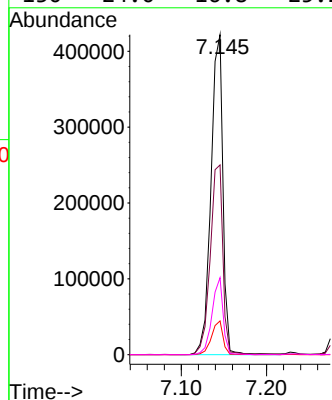
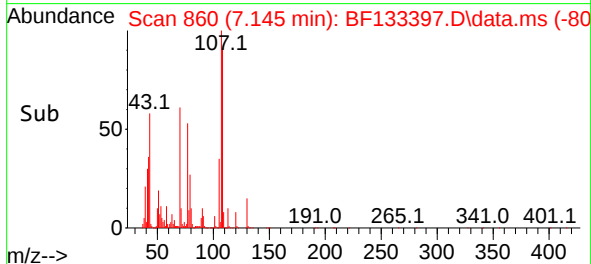
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



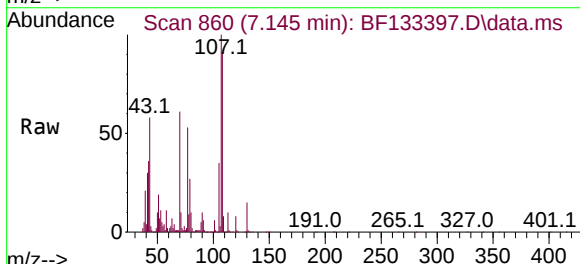
Tgt Ion: 70 Resp: 412352
Ion Ratio Lower Upper
70 100
42 59.3 51.8 77.6
101 10.6 8.0 12.0
130 24.0 16.8 25.2

Manual Integrations
APPROVED

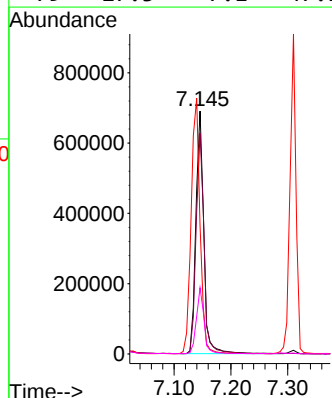
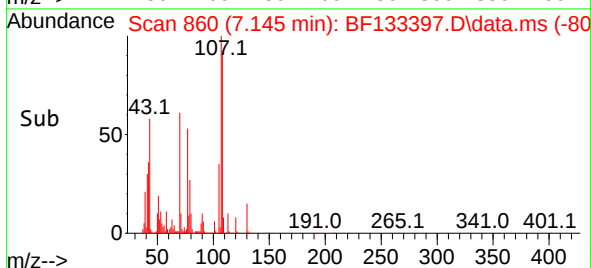
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

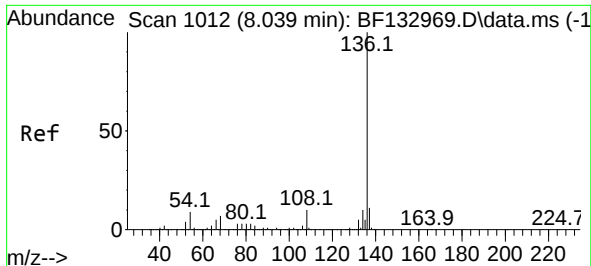


#20
3+4-Methylphenols
Concen: 38.877 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:107 Resp: 671434
Ion Ratio Lower Upper
107 100
108 91.0 70.5 110.5
77 52.9 91.7 131.7#
79 27.3 7.1 47.1





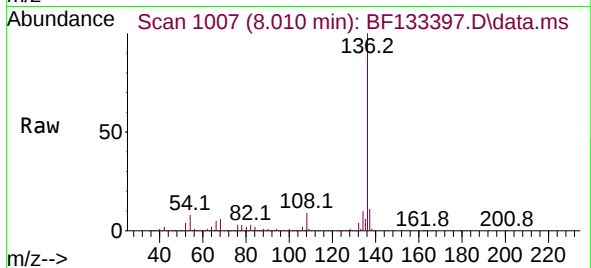
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

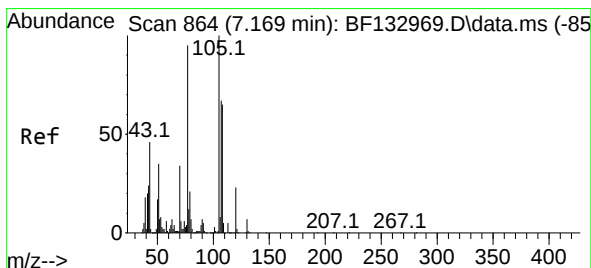
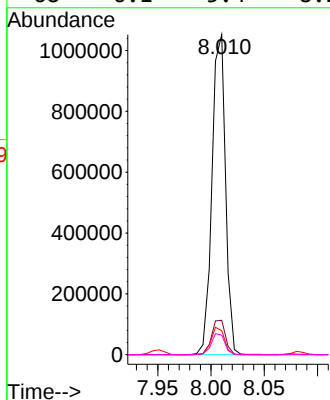
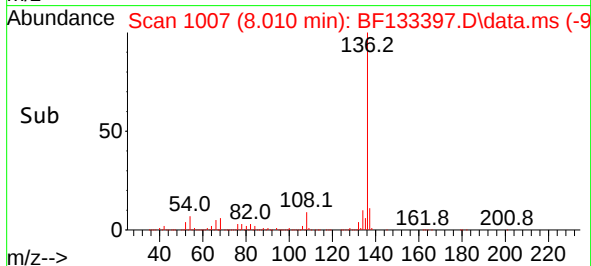


Tgt Ion:136 Resp: 92816
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.5 7.0 10.4
68 6.1 5.4 8.2

Manual Integrations

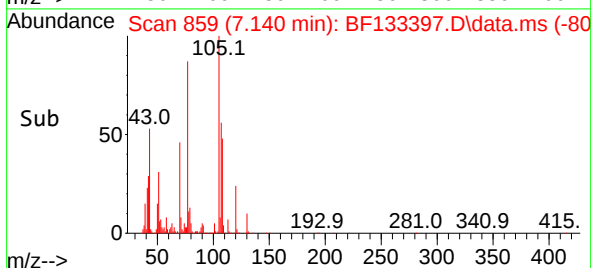
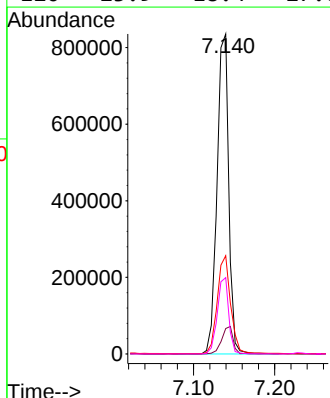
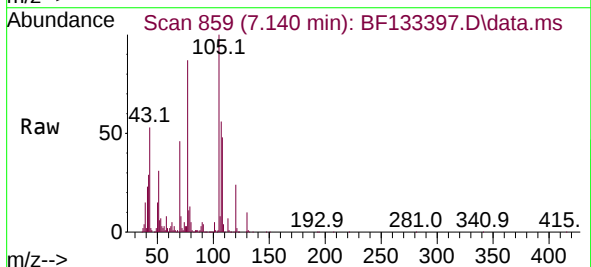
APPROVED

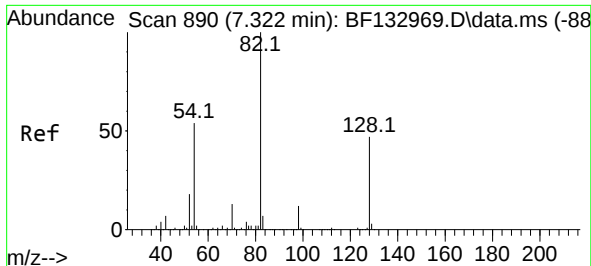
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#22
Acetophenone
Concen: 38.930 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:105 Resp: 837023
Ion Ratio Lower Upper
105 100
71 7.9 4.6 7.0#
51 30.7 28.2 42.2
120 23.9 18.4 27.6





#23

Nitrobenzene-d5

Concen: 75.398 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 129652

Ion Ratio Lower Upper

82 100

128 49.4 37.7 56.5

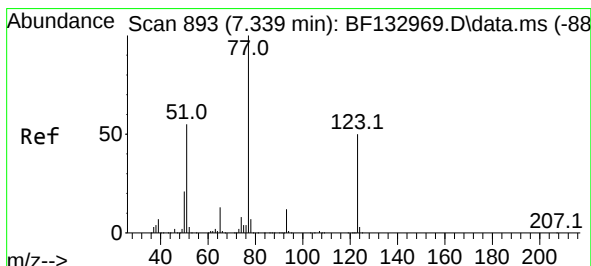
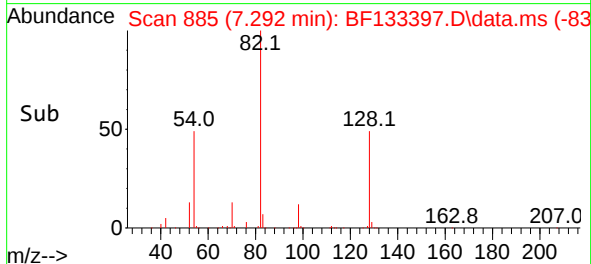
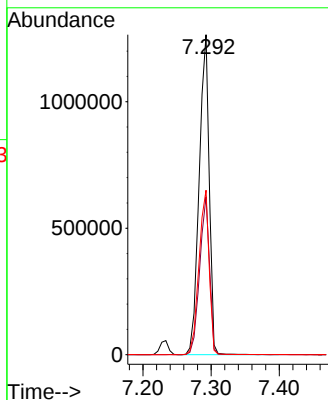
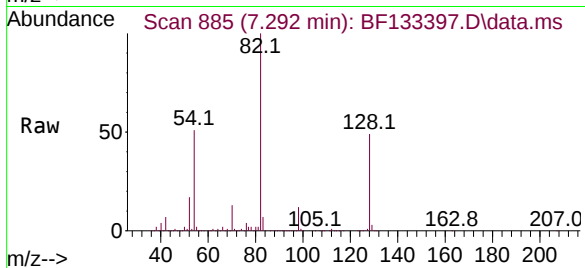
54 51.4 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#24

Nitrobenzene

Concen: 38.067 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

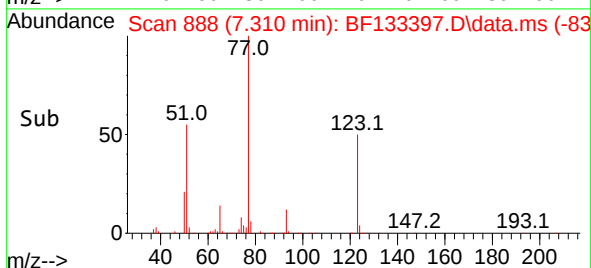
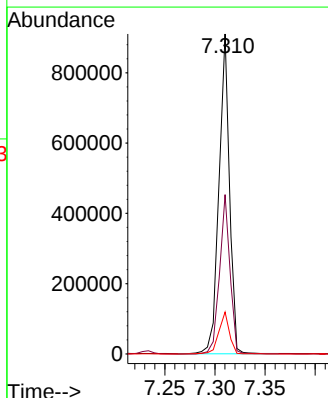
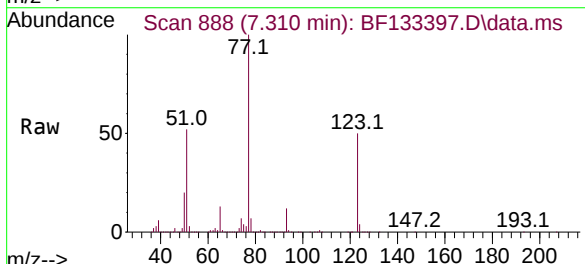
Tgt Ion: 77 Resp: 663308

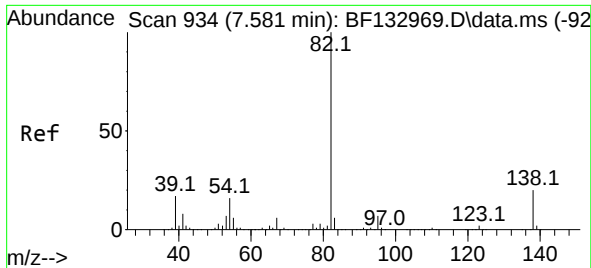
Ion Ratio Lower Upper

77 100

123 49.8 39.9 59.9

65 13.1 10.7 16.1





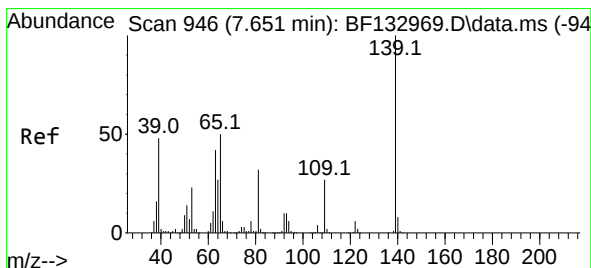
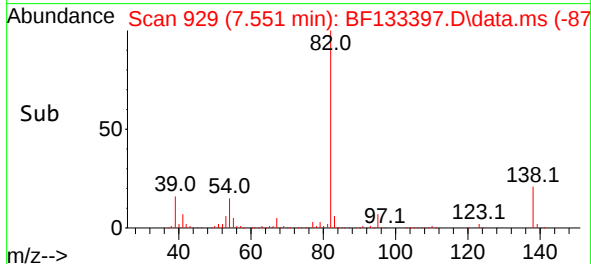
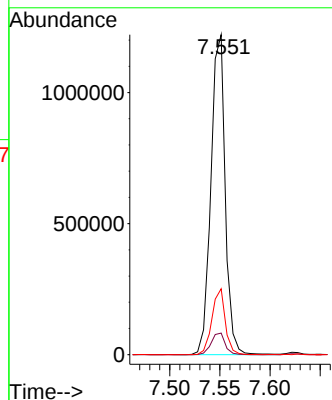
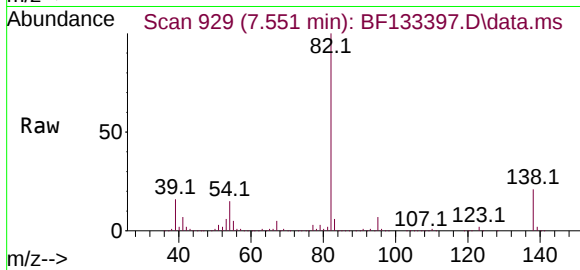
#25
Isophorone
Concen: 36.987 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1207572
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.6 16.0 24.0

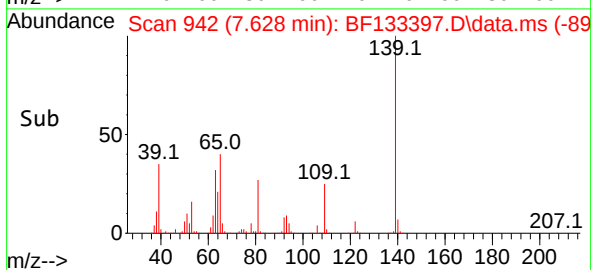
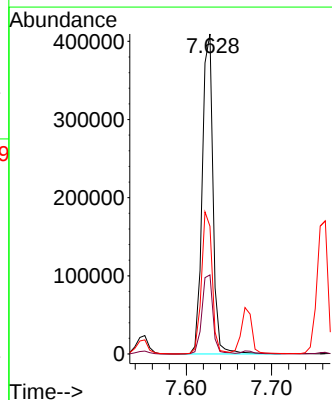
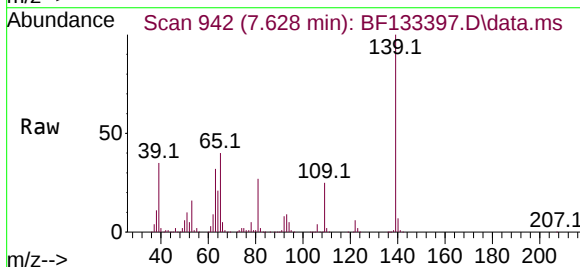
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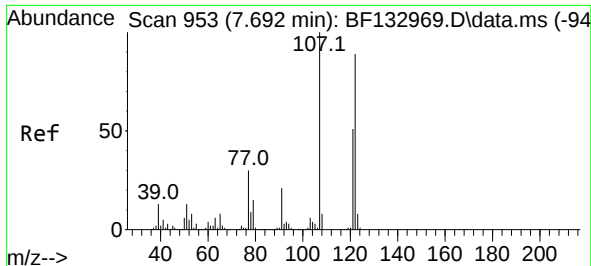
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#26
2-Nitrophenol
Concen: 42.793 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:139 Resp: 359655
Ion Ratio Lower Upper
139 100
109 24.7 21.6 32.4
65 39.9 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.683 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133397.D

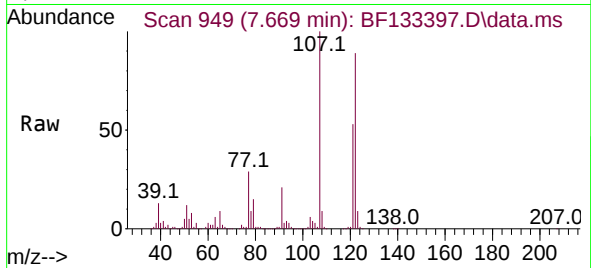
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

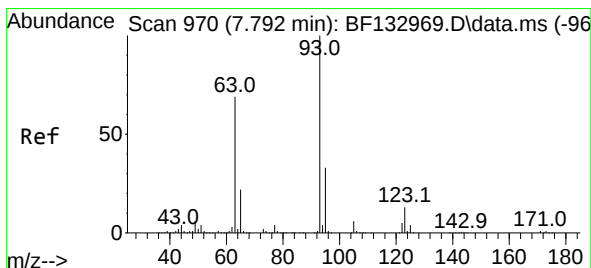
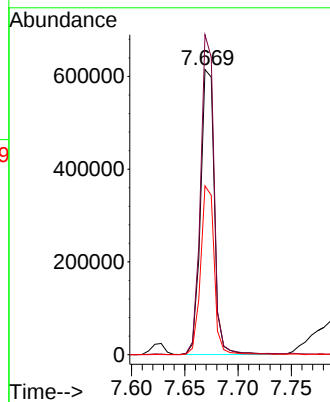
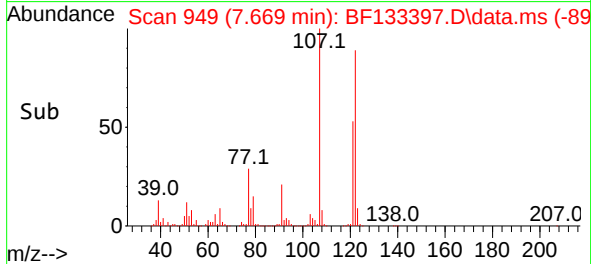


Tgt Ion:	122	Resp:	55748
Ion Ratio	Lower	Upper	
122	100		
107	112.2	89.7	134.5
121	59.2	46.0	69.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.598 ng

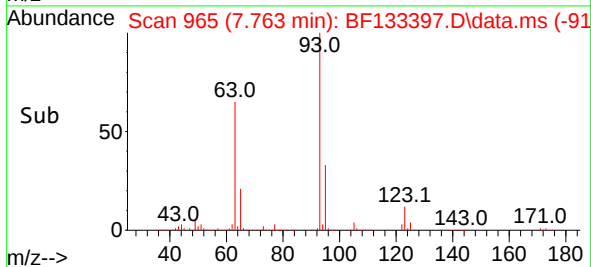
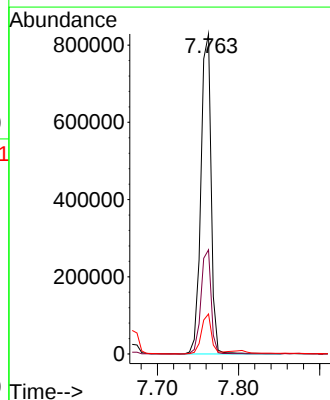
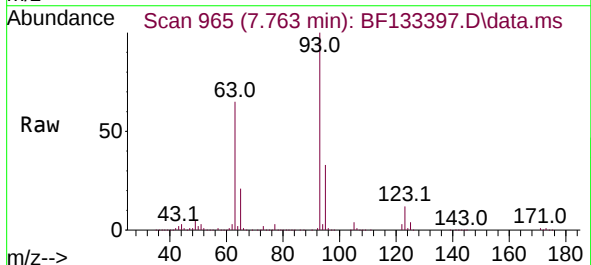
RT: 7.763 min Scan# 965

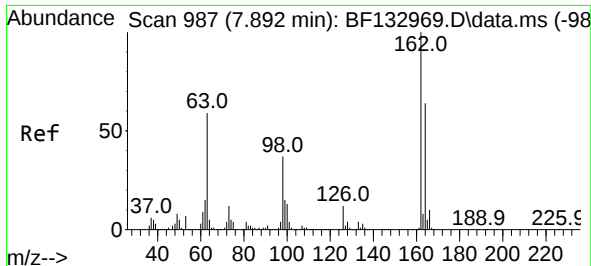
Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Tgt Ion:	93	Resp:	726195
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	12.5	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 39.793 ng

RT: 7.875 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

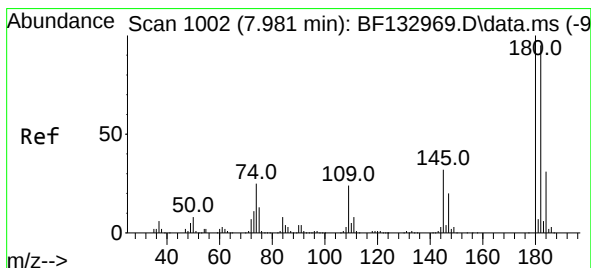
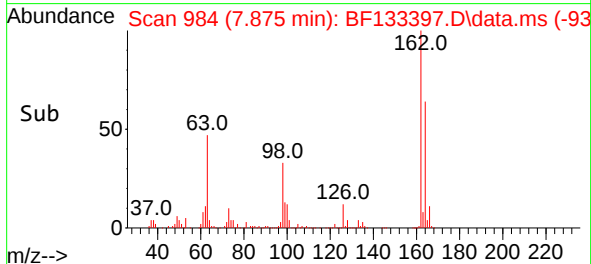
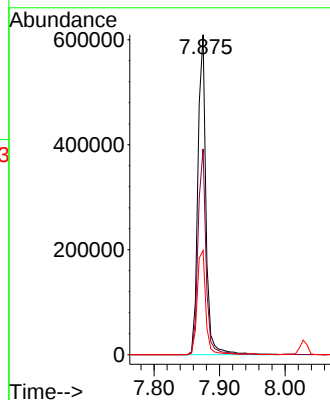
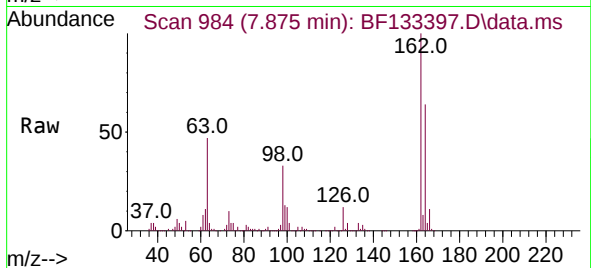
SSTDCCC040

Tgt Ion:162 Resp: 522050
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.9 83.9
 98 32.5 17.0 57.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.287 ng

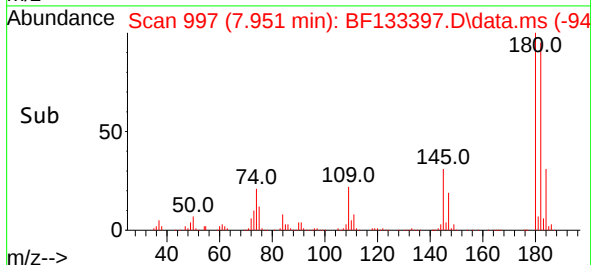
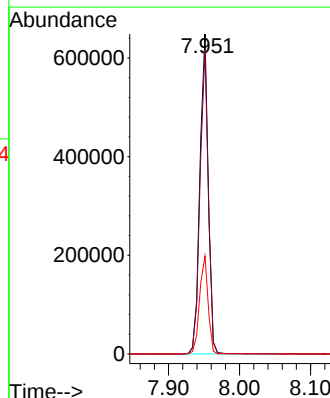
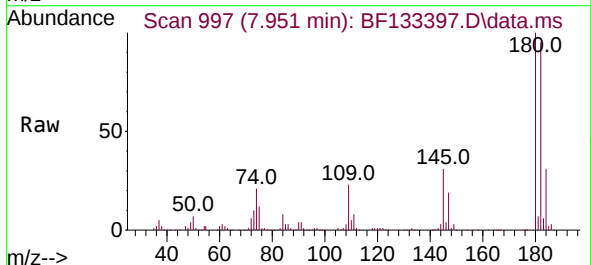
RT: 7.951 min Scan# 997

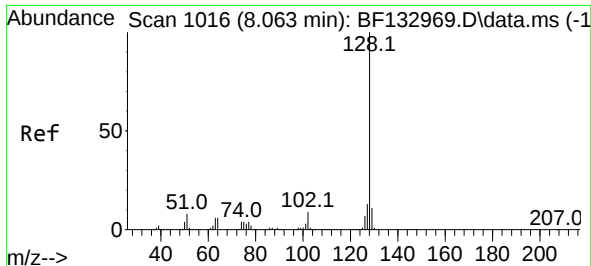
Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

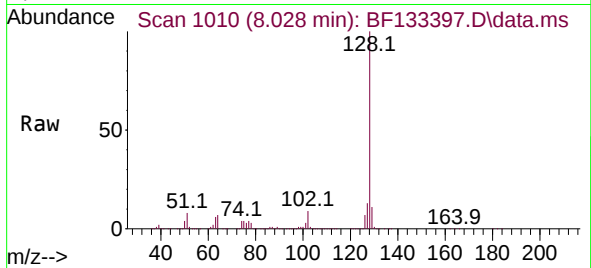
Tgt Ion:180 Resp: 533964
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 145 30.6 25.3 37.9





#31
Naphthalene
Concen: 38.887 ng
RT: 8.028 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

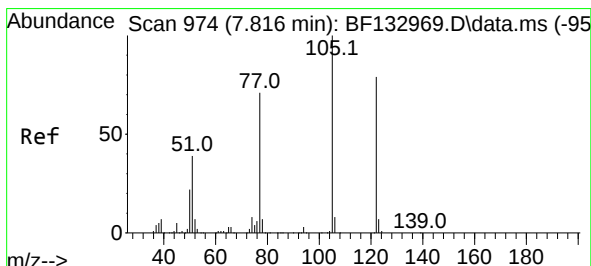
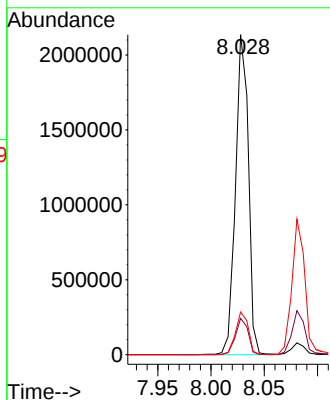
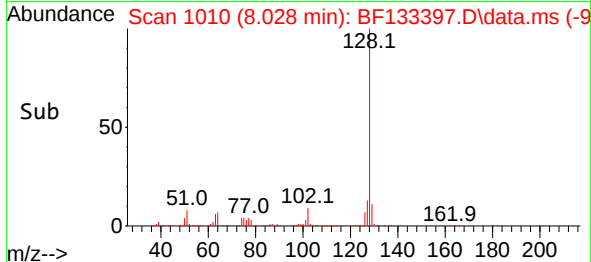
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1804588
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.7 16.1

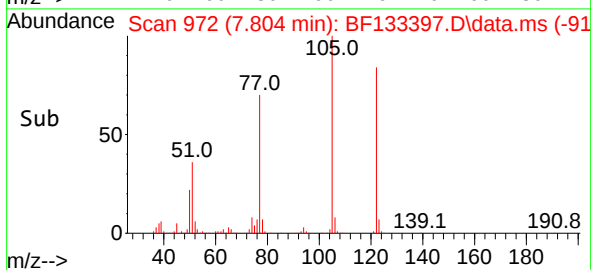
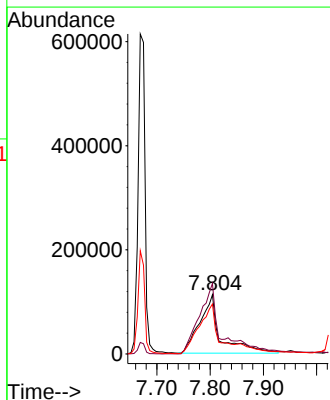
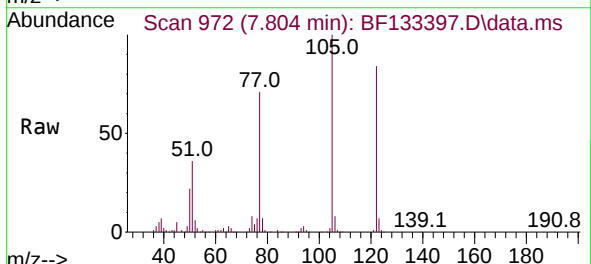
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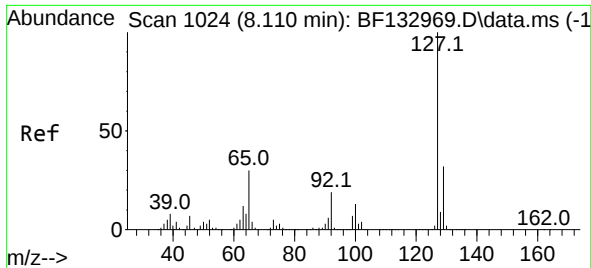
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#32
Benzoic acid
Concen: 34.496 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.012 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:122 Resp: 307074
Ion Ratio Lower Upper
122 100
105 119.4 104.2 144.2
77 84.6 69.7 109.7





#33
4-Chloroaniline
Concen: 42.159 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

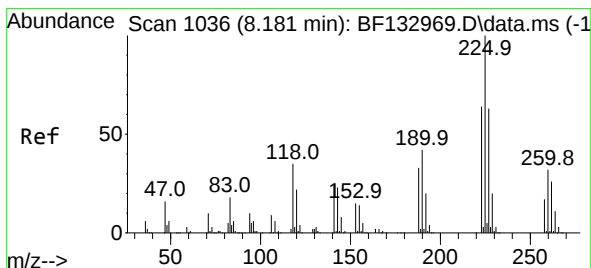
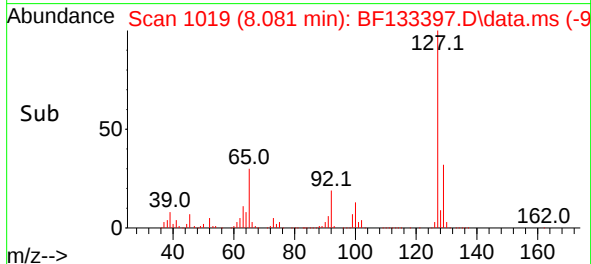
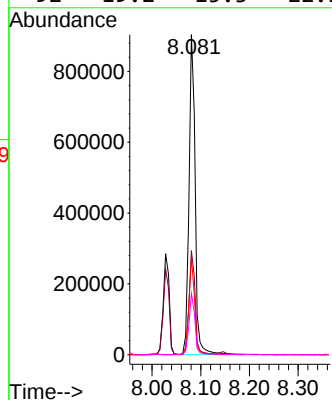
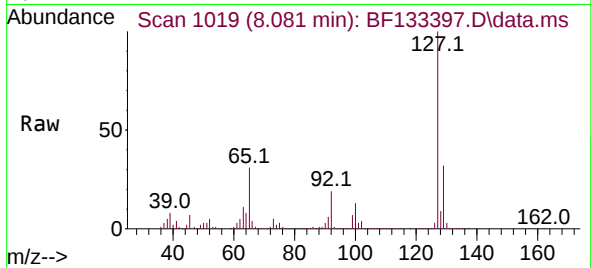
SSTDCCC040

Tgt Ion:127 Resp: 790479
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 30.5 23.6 35.4
92 19.2 15.3 22.9

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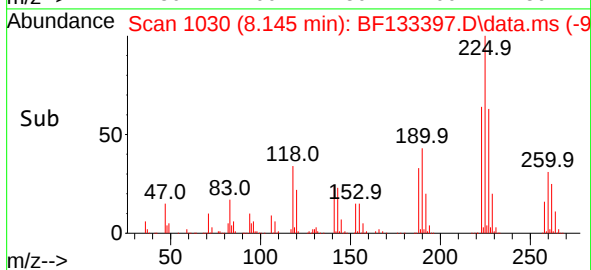
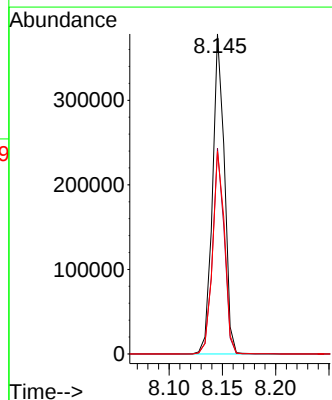
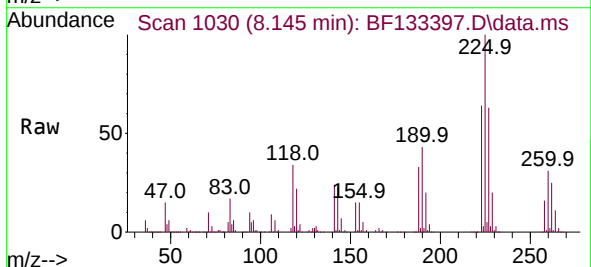
APPROVED

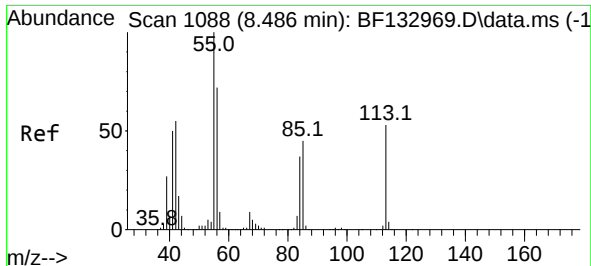
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#34
Hexachlorobutadiene
Concen: 38.878 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

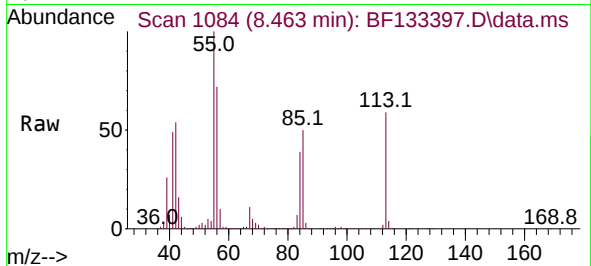
Tgt Ion:225 Resp: 292869
Ion Ratio Lower Upper
225 100
223 64.3 50.9 76.3
227 63.4 50.3 75.5





#35
Caprolactam
Concen: 41.748 ng m
RT: 8.463 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

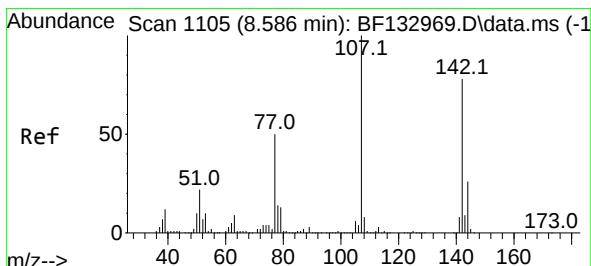
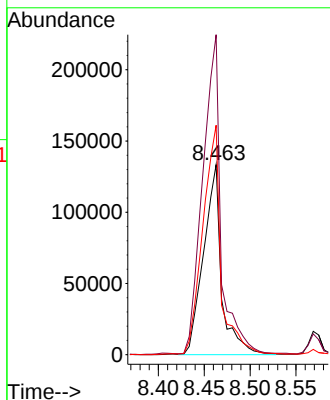
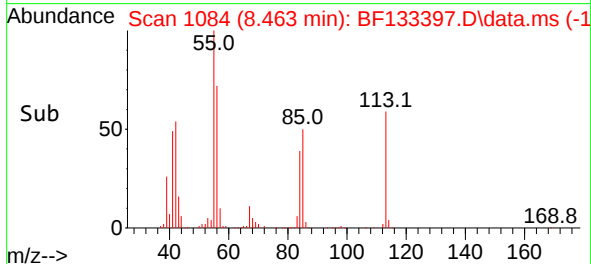
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 183995
Ion Ratio Lower Upper
113 100
55 168.3 167.1 207.1
56 120.7 114.5 154.5

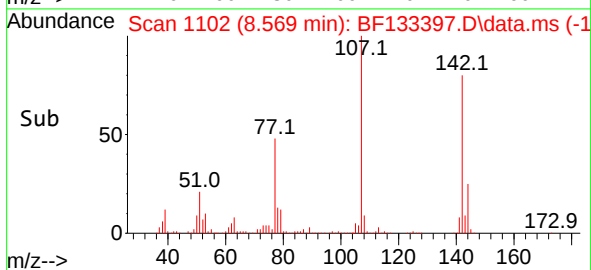
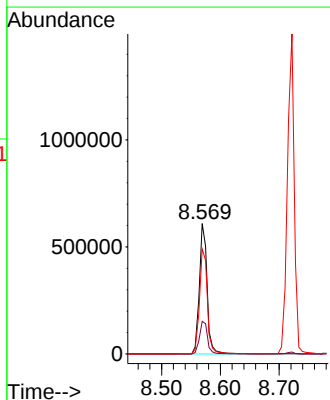
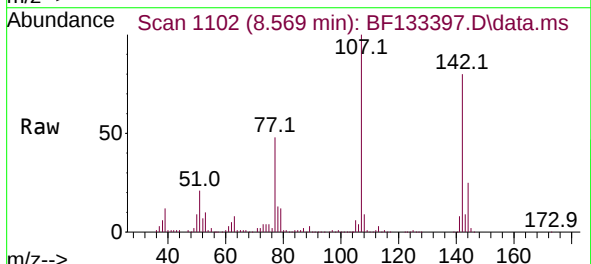
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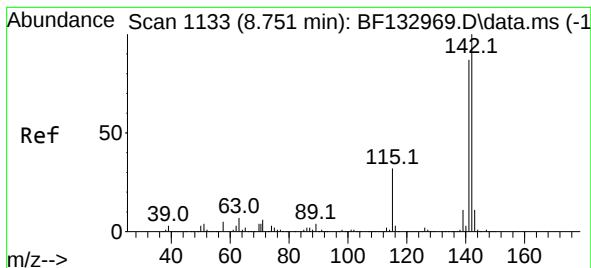
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#36
4-Chloro-3-methylphenol
Concen: 39.540 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:107 Resp: 559395
Ion Ratio Lower Upper
107 100
144 25.1 20.6 30.8
142 80.5 62.8 94.2





#37
2-Methylnaphthalene
Concen: 38.225 ng
RT: 8.722 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

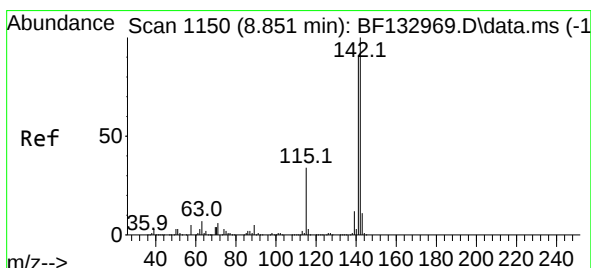
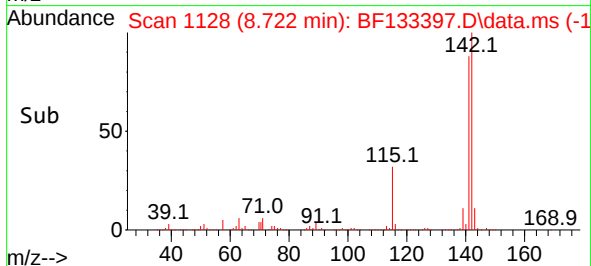
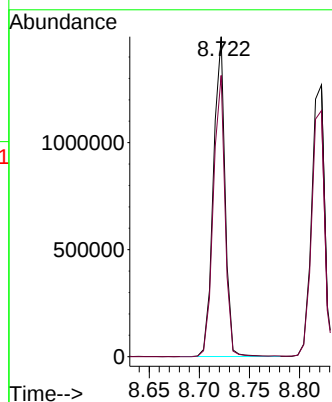
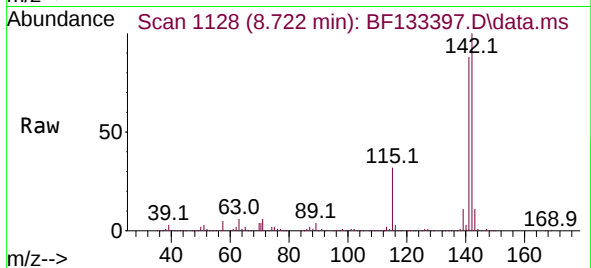
SSTDCCC040

Tgt Ion:142 Resp: 121273
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.0

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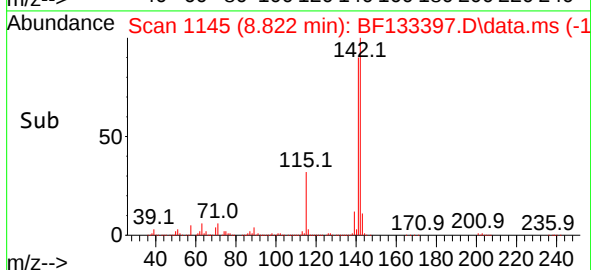
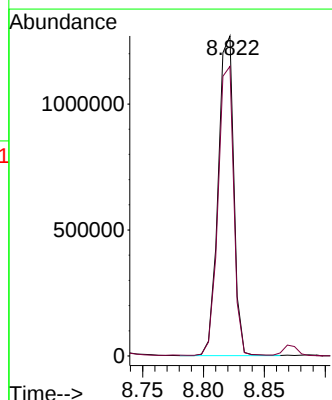
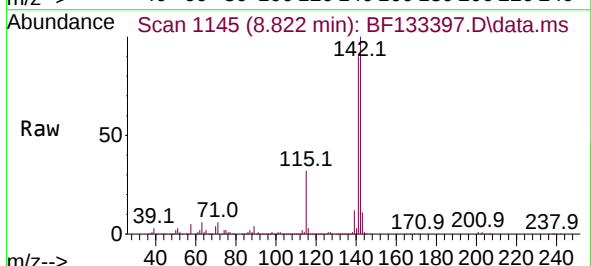
APPROVED

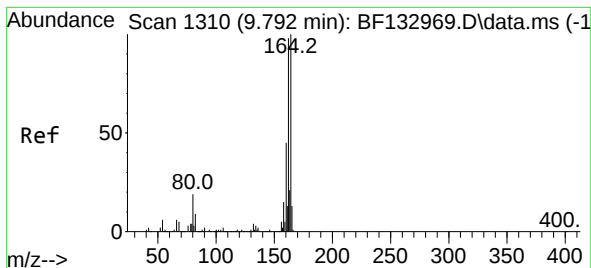
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#38
1-Methylnaphthalene
Concen: 38.257 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:142 Resp: 1135442
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF133397.D

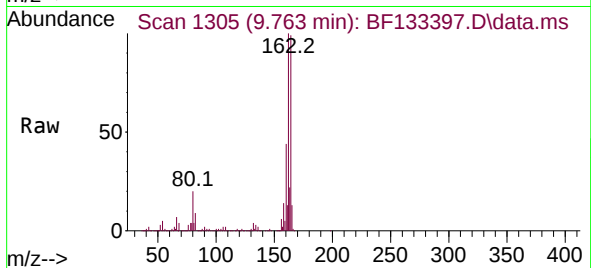
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 47943

Ion Ratio Lower Upper

164 100

162 100.8 78.7 118.1

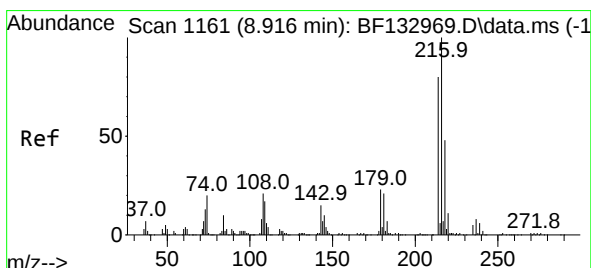
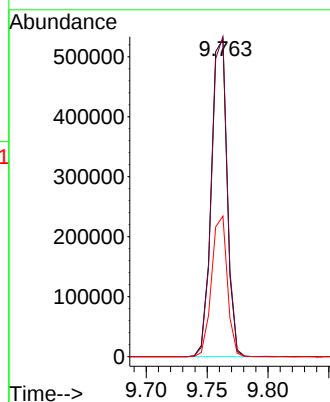
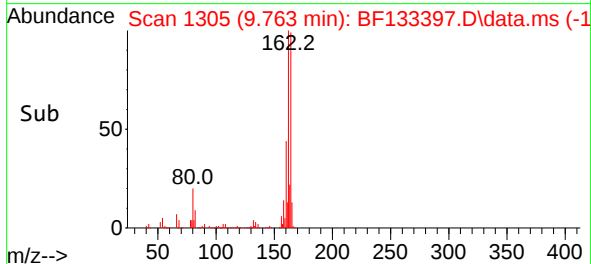
160 44.3 35.8 53.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.290 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Tgt Ion:216 Resp: 493573

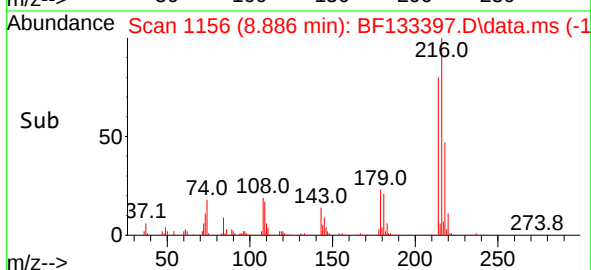
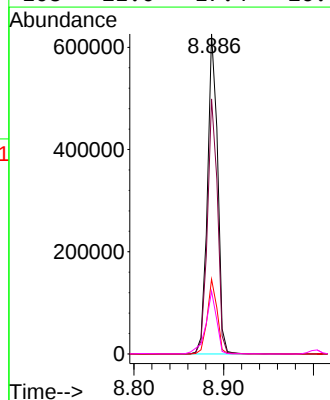
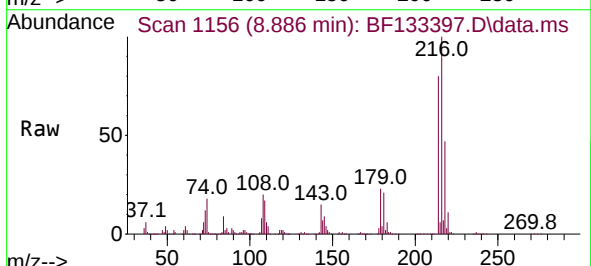
Ion Ratio Lower Upper

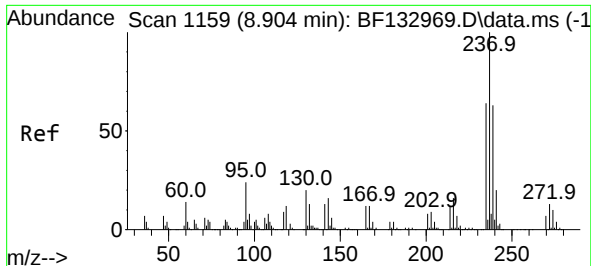
216 100

214 79.0 63.5 95.3

179 22.5 17.4 26.2

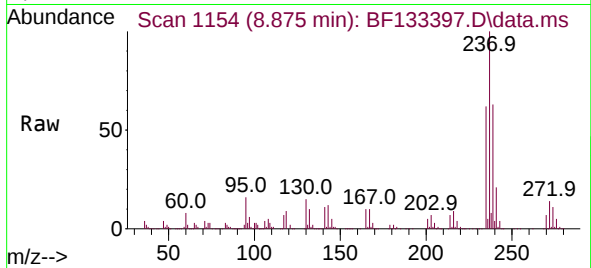
108 21.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 38.435 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

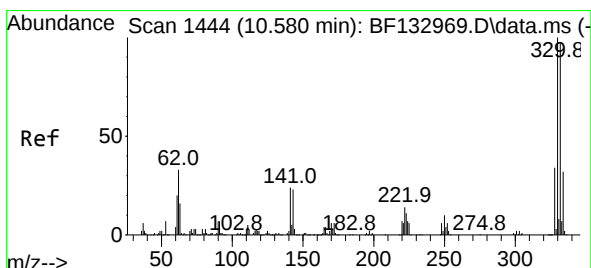
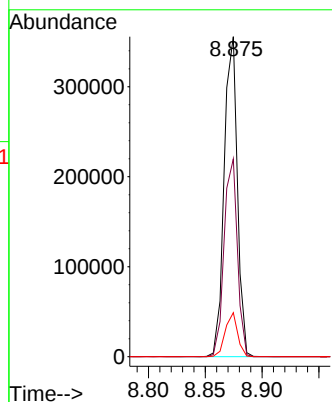
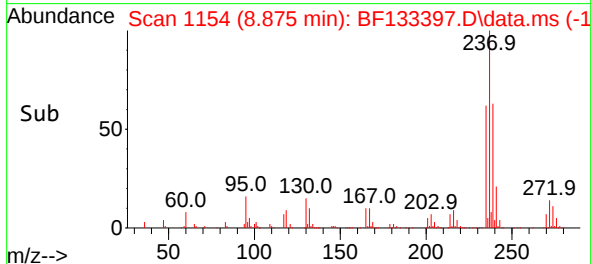
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



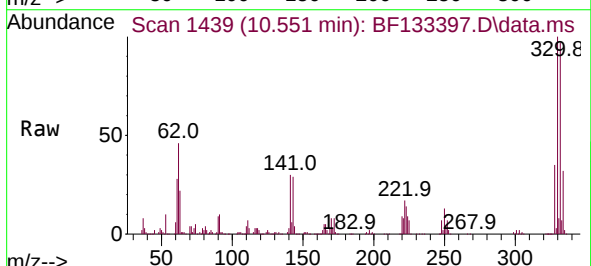
Tgt Ion: 237 Resp: 288949
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 13.7 0.0 32.7

Manual Integrations
APPROVED

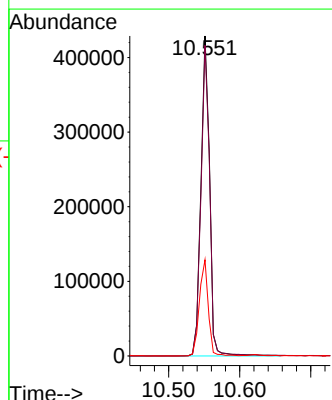
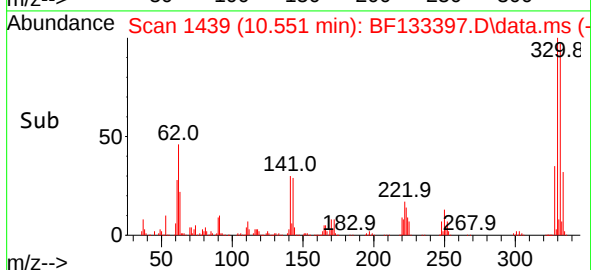
Reviewed By : Christian Giraldo 05/17/2023
Supervised By : Jagrut Upadhyay 05/17/2023

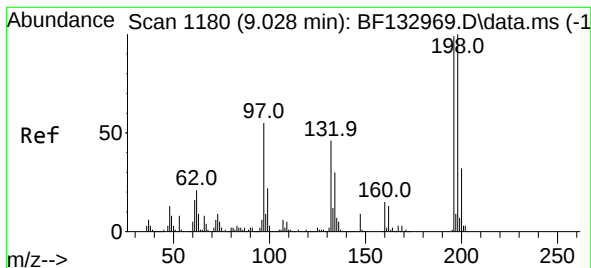


#42
2,4,6-Tribromophenol
Concen: 75.743 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion: 330 Resp: 365202
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.304 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 341460

Ion Ratio Lower Upper

196 100

198 99.4 81.0 121.6

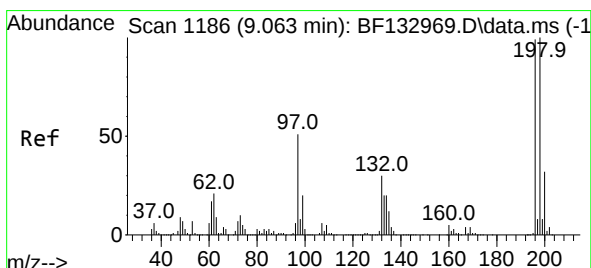
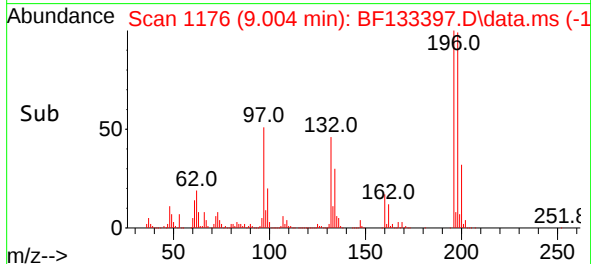
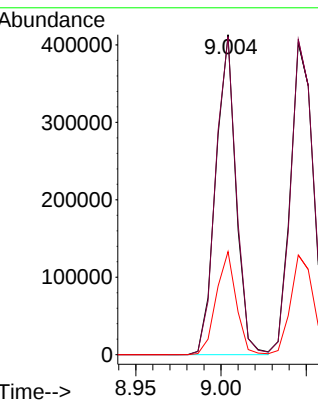
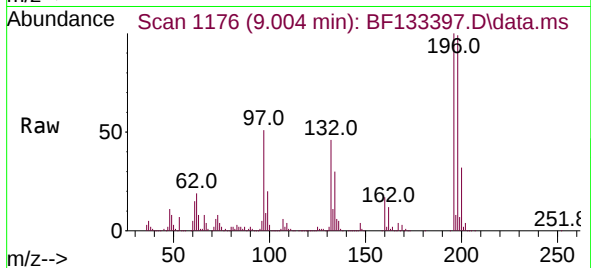
200 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#44

2,4,5-Trichlorophenol

Concen: 38.724 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Tgt Ion:196 Resp: 399248

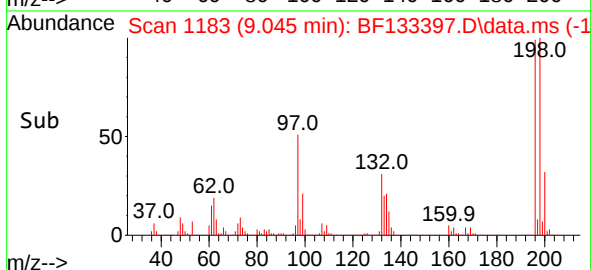
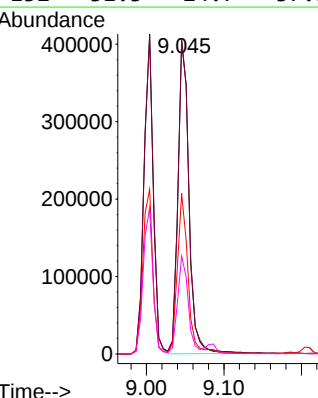
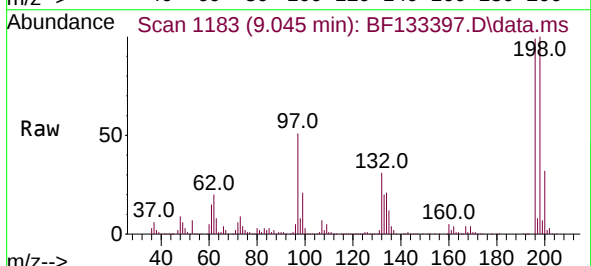
Ion Ratio Lower Upper

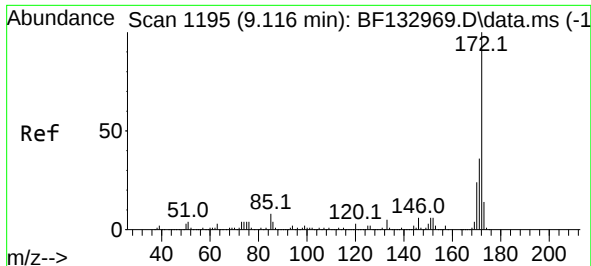
196 100

198 101.0 80.9 121.3

97 51.5 41.3 61.9

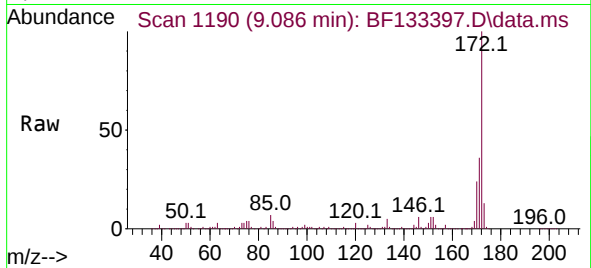
132 31.3 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 76.346 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

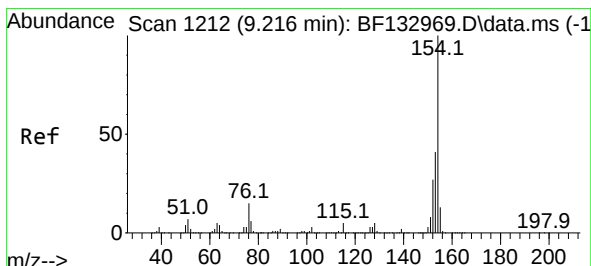
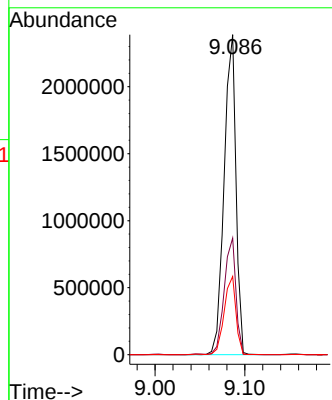
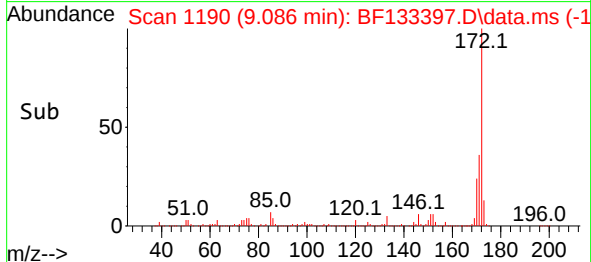
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



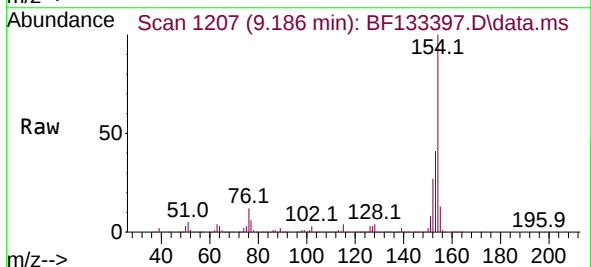
Tgt Ion:172 Resp: 218785
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.5 19.4 29.2

Manual Integrations
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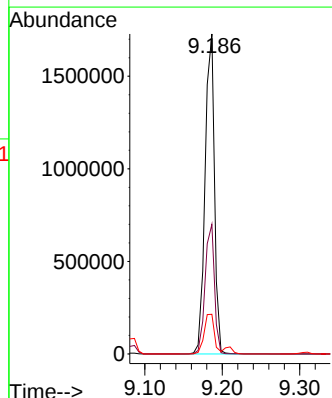
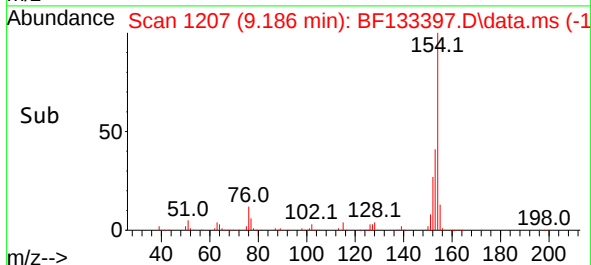
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

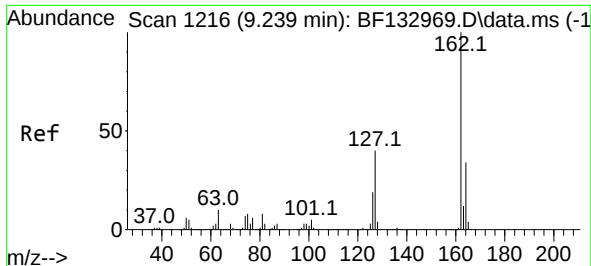


#46
1,1'-Biphenyl
Concen: 38.198 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:154 Resp: 1452164
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 12.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.223 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 106359

Ion Ratio Lower Upper

162 100

127 39.3 32.3 48.5

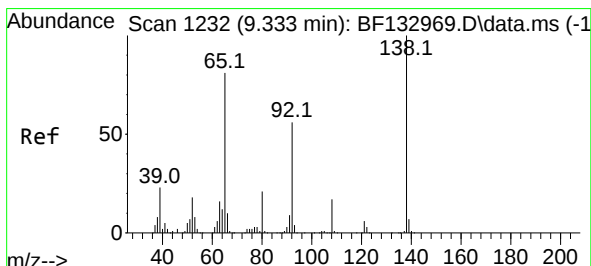
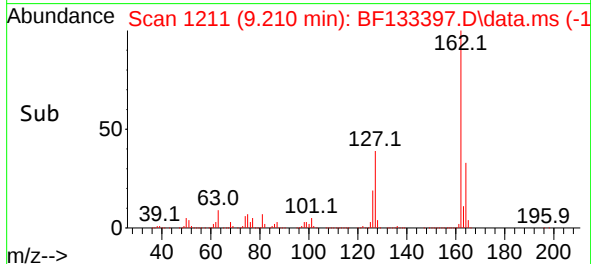
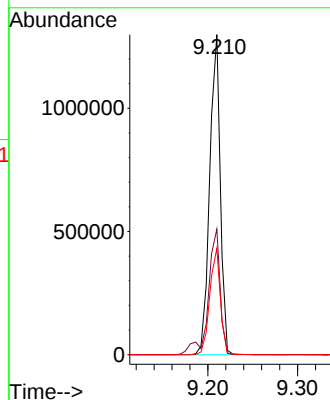
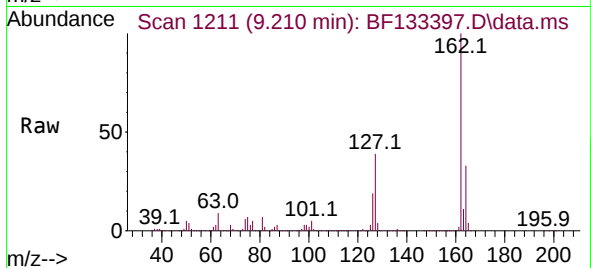
164 33.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#48

2-Nitroaniline

Concen: 38.975 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

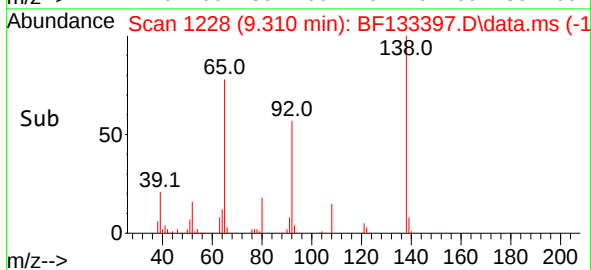
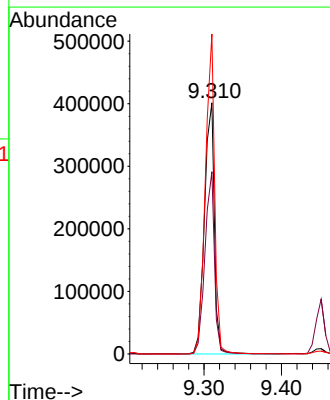
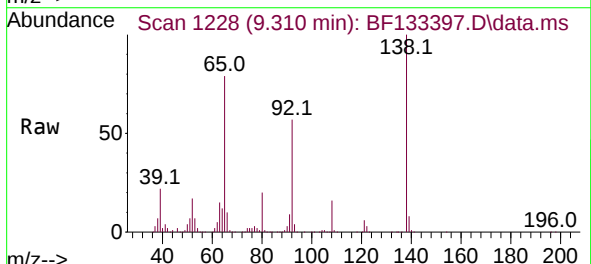
Tgt Ion: 65 Resp: 358425

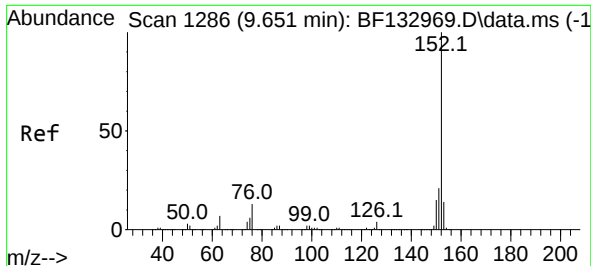
Ion Ratio Lower Upper

65 100

92 72.6 55.4 83.0

138 127.4 98.2 147.2





#49

Acenaphthylene

Concen: 38.251 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 170068

Ion Ratio Lower Upper

152 100

151 21.1 16.6 24.8

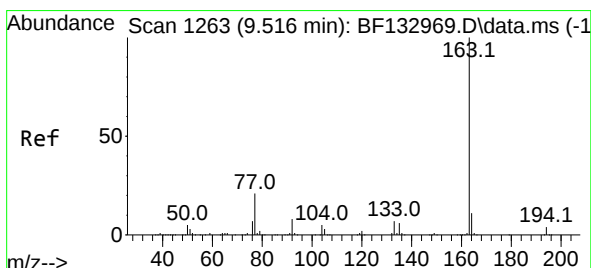
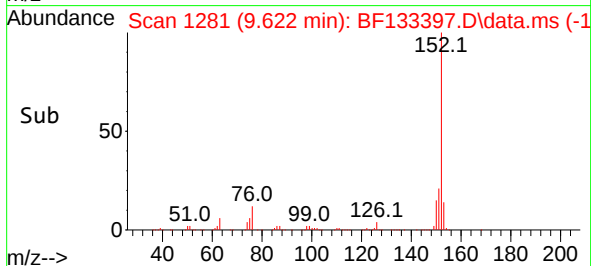
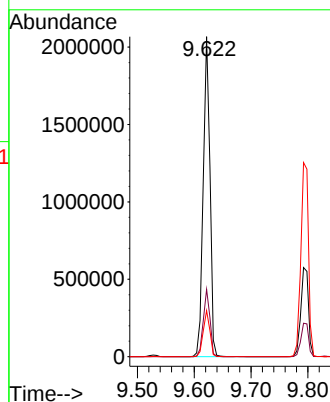
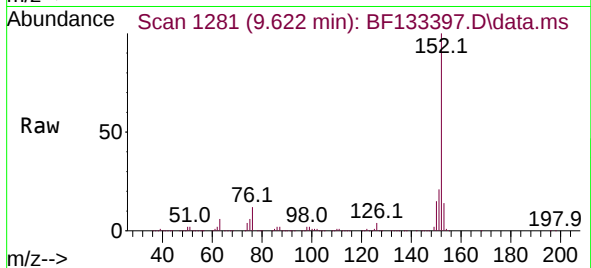
153 14.4 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#50

Dimethylphthalate

Concen: 38.770 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

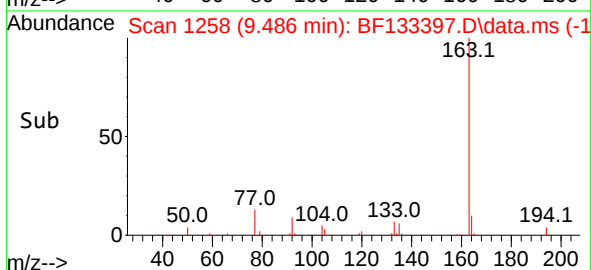
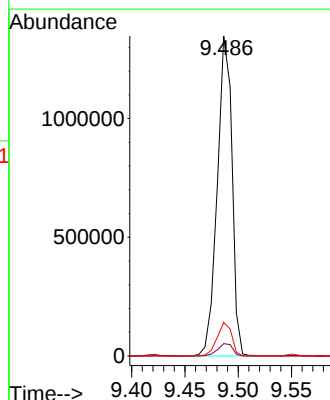
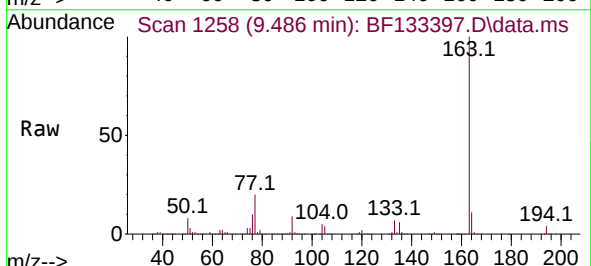
Tgt Ion:163 Resp: 1296072

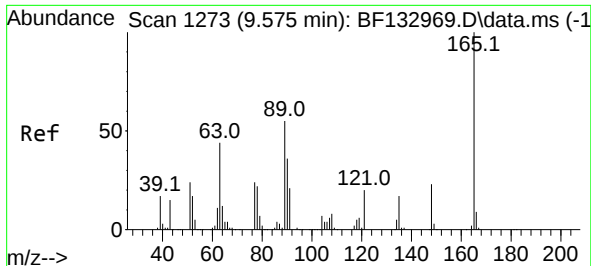
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.5 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 39.596 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

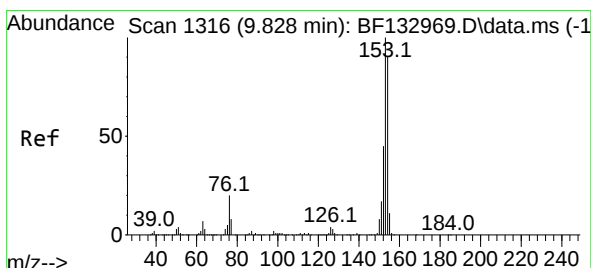
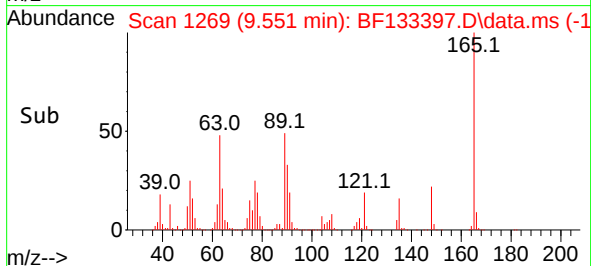
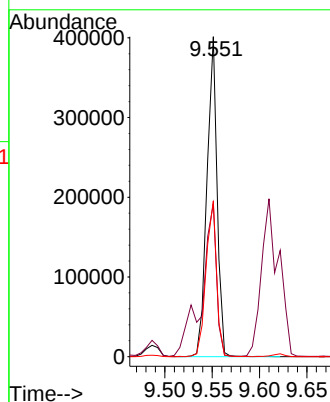
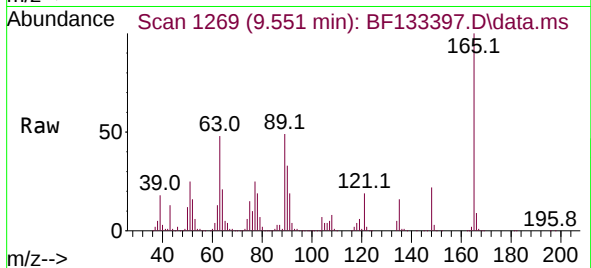
SSTDCCC040

Tgt Ion:165 Resp: 297928
Ion Ratio Lower Upper
165 100
63 47.8 45.9 68.9
89 48.7 44.0 66.0

Manual Integrations

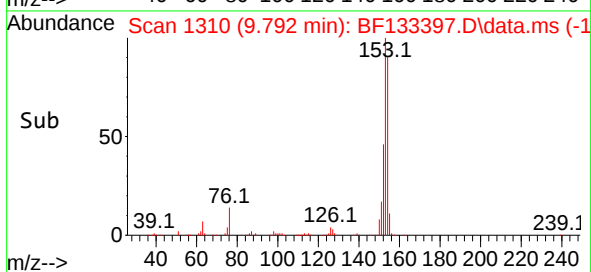
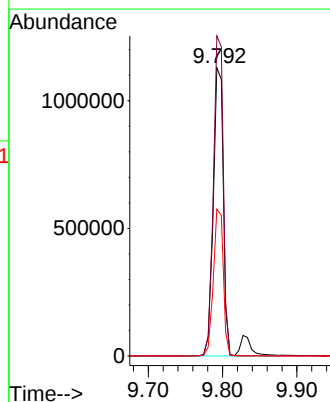
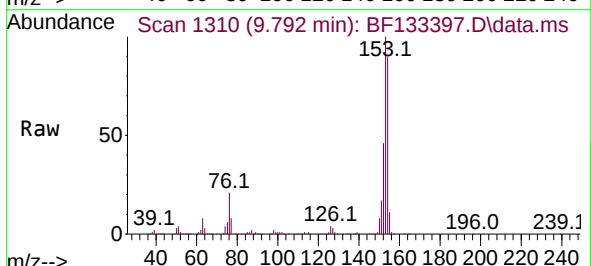
APPROVED

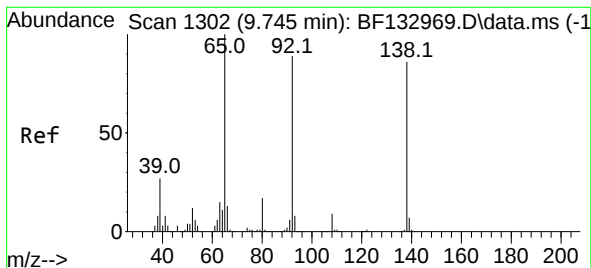
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#52
Acenaphthene
Concen: 37.957 ng m
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:154 Resp: 1130293
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.6
152 51.0 40.4 60.6





#53

3-Nitroaniline

Concen: 40.041 ng

RT: 9.722 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 35822

Ion Ratio Lower Upper

138 100

108 10.4 8.0 12.0

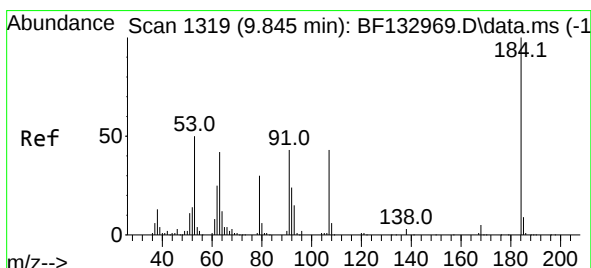
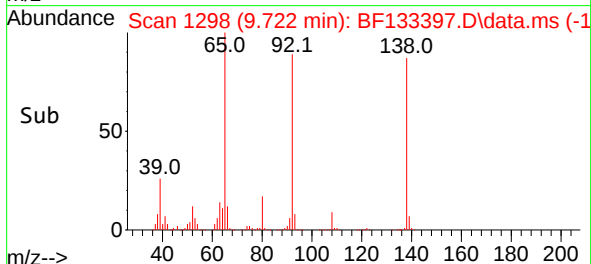
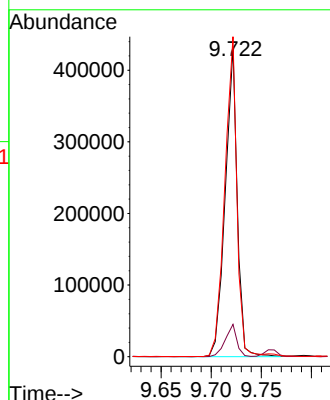
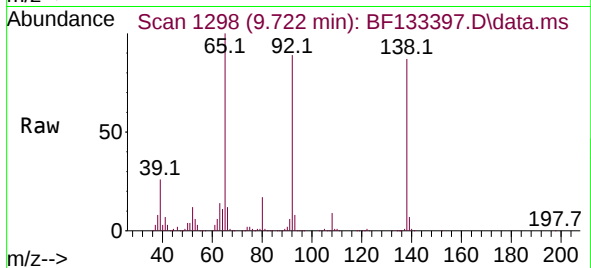
92 103.3 83.6 125.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#54

2,4-Dinitrophenol

Concen: 36.338 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.012 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

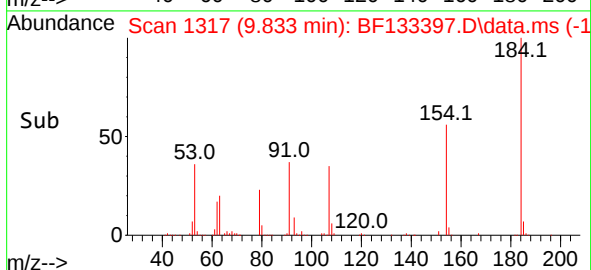
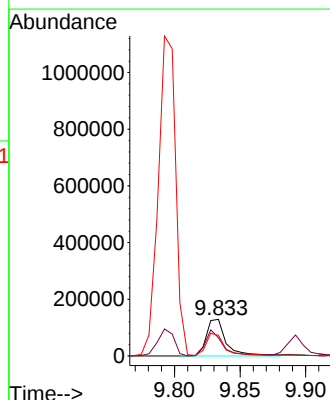
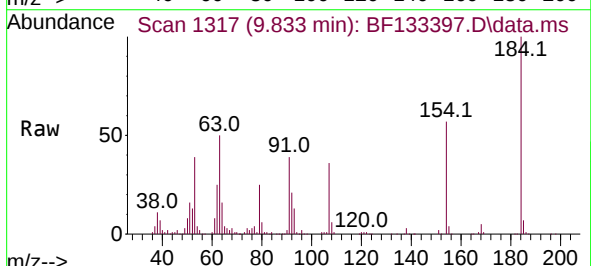
Tgt Ion:184 Resp: 137430

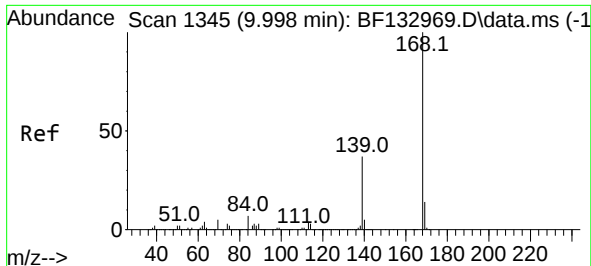
Ion Ratio Lower Upper

184 100

63 49.7 49.8 74.8#

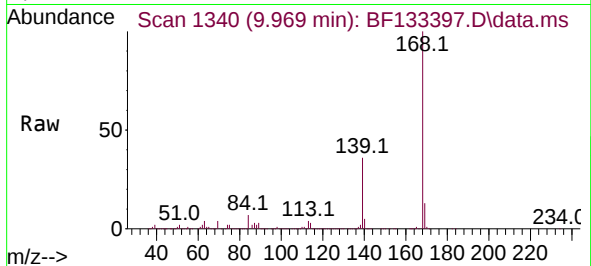
154 56.6 49.5 74.3





#55
Dibenzenofuran
Concen: 37.578 ng
RT: 9.969 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

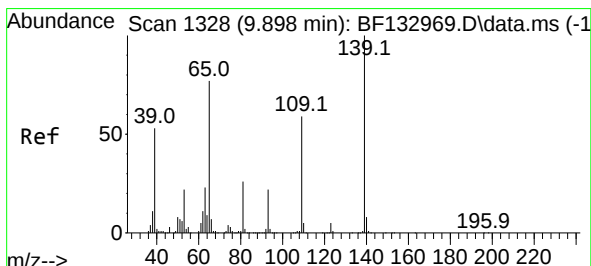
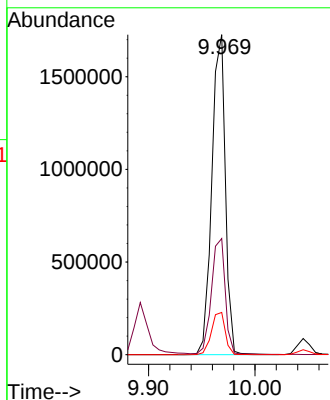
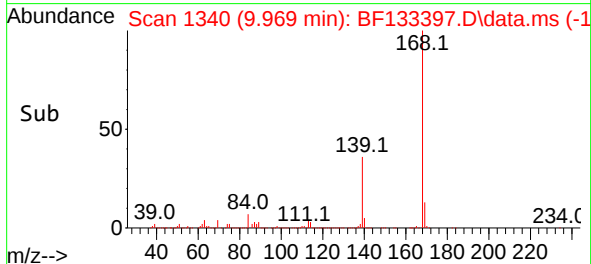
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 152642
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.8
169 13.2 10.8 16.2

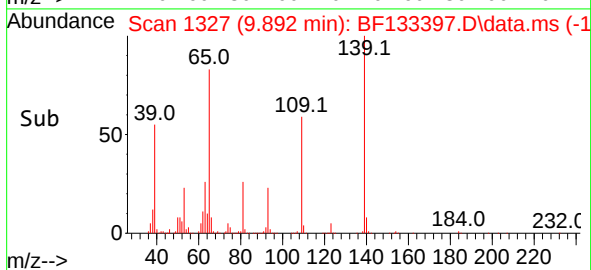
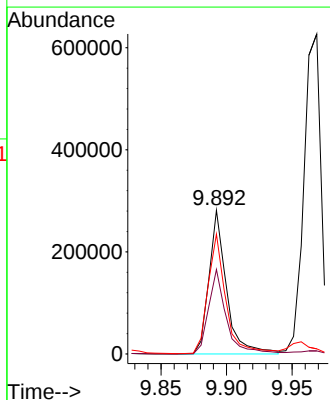
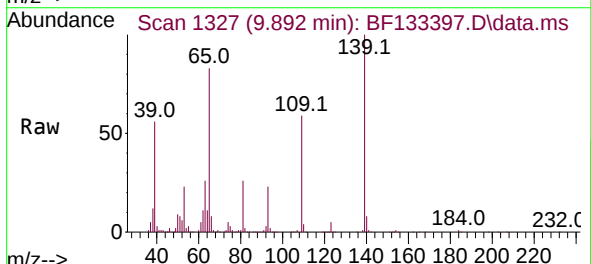
Manual Integrations
APPROVED

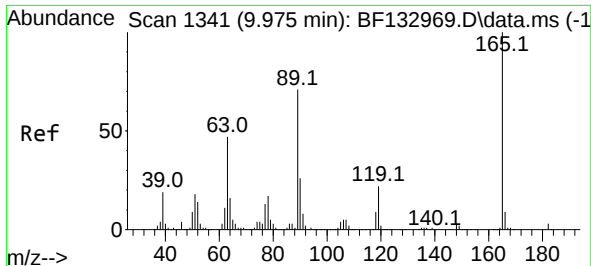
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#56
4-Nitrophenol
Concen: 37.994 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Tgt Ion:139 Resp: 263264
Ion Ratio Lower Upper
139 100
109 58.8 39.4 79.4
65 83.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 39.601 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 379989

Ion Ratio Lower Upper

165 100

63 42.9 37.7 56.5

89 64.0 57.0 85.4

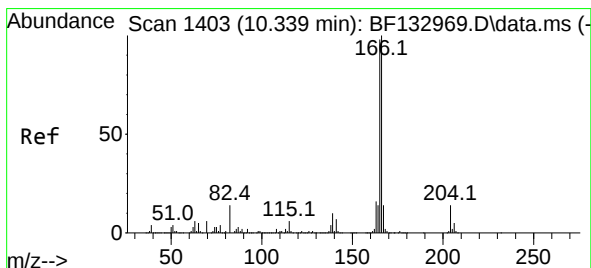
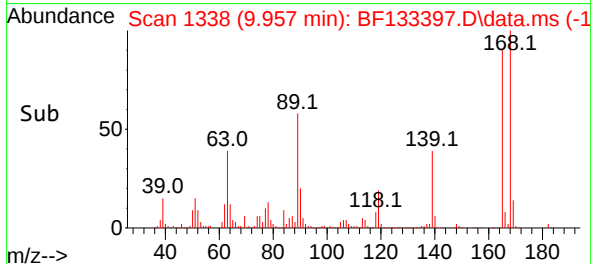
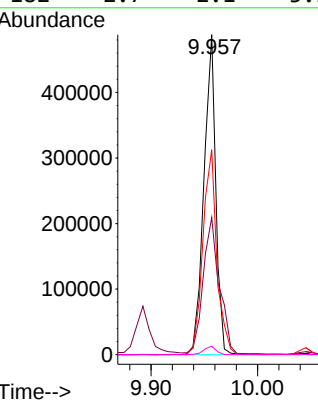
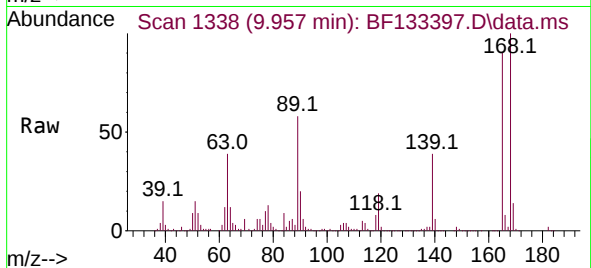
182 2.7 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#58

Fluorene

Concen: 38.741 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

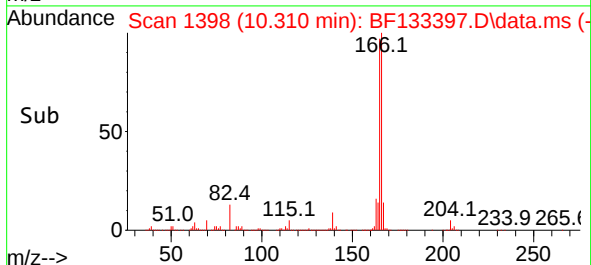
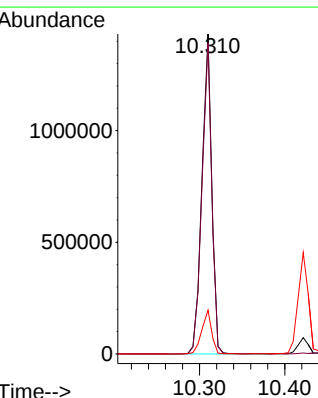
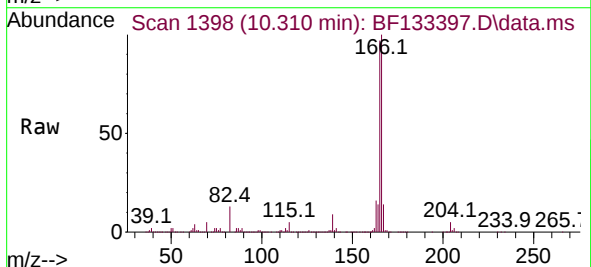
Tgt Ion:166 Resp: 1152942

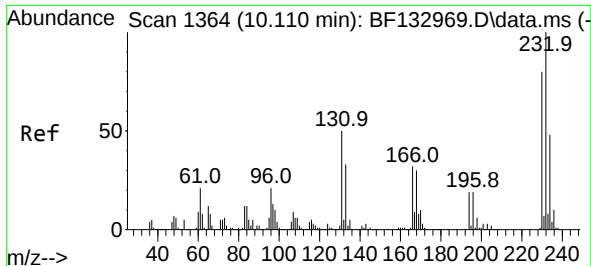
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

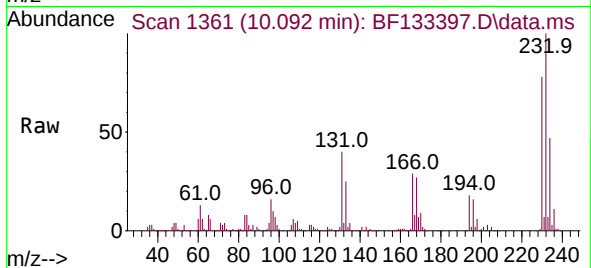
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.340 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

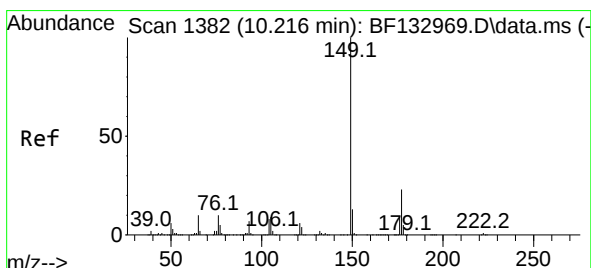
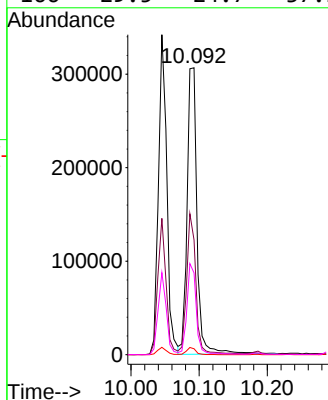
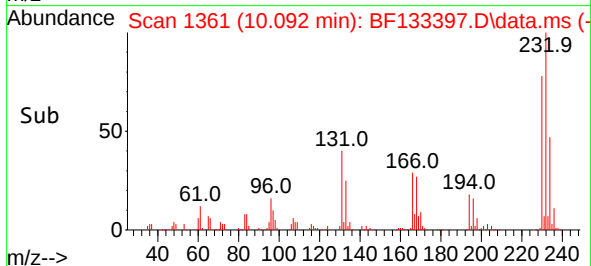
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



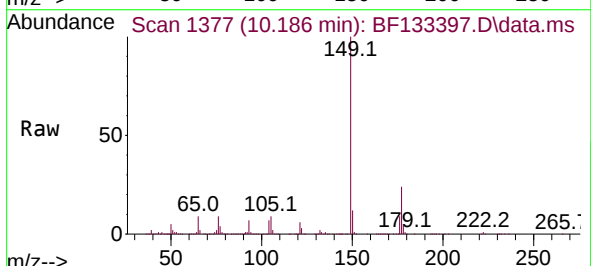
Tgt Ion:232 Resp: 306450
Ion Ratio Lower Upper
232 100
131 44.9 38.0 57.0
130 2.4 1.8 2.8
166 29.5 24.7 37.1

Manual Integrations
APPROVED

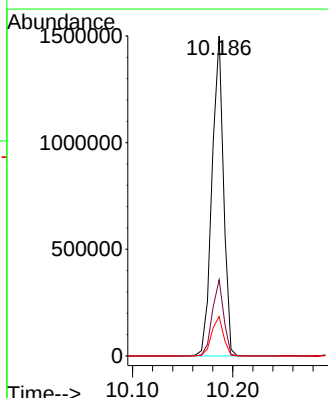
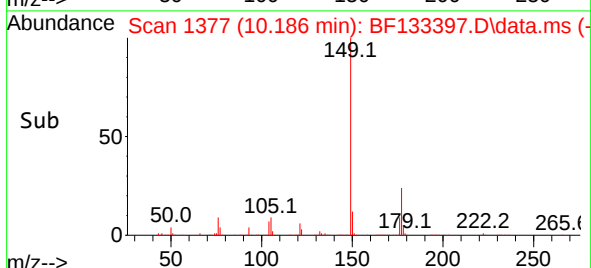
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

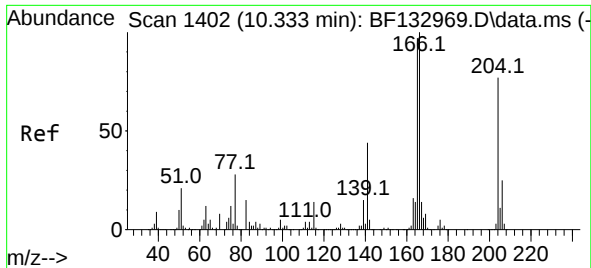


#60
Diethylphthalate
Concen: 38.004 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:149 Resp: 1200025
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.179 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

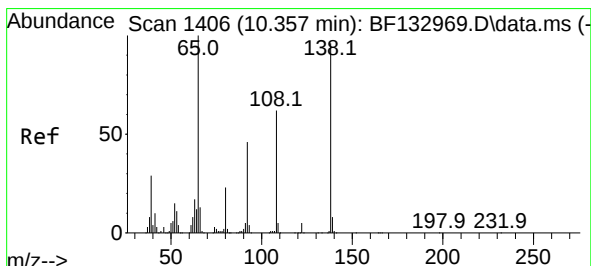
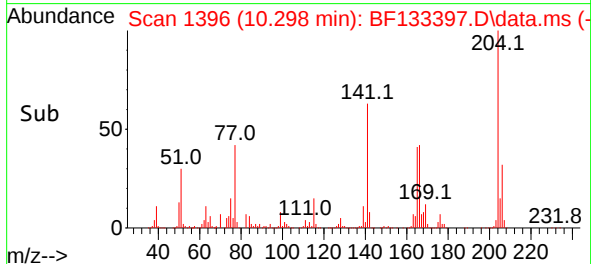
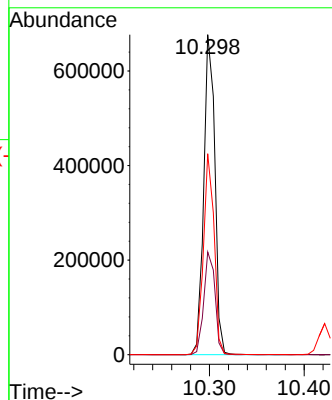
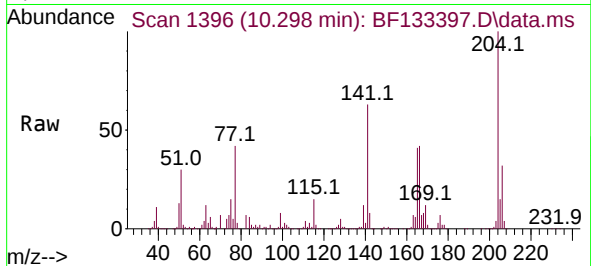
SSTDCCC040

Tgt Ion:204 Resp: 553690
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 62.8 46.1 69.1

Manual Integrations

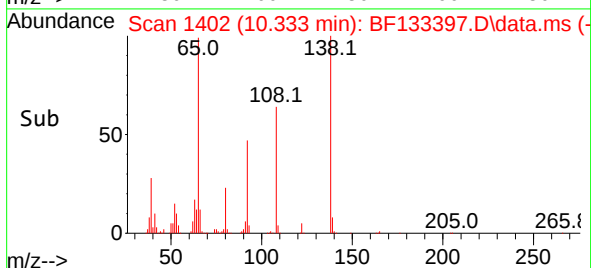
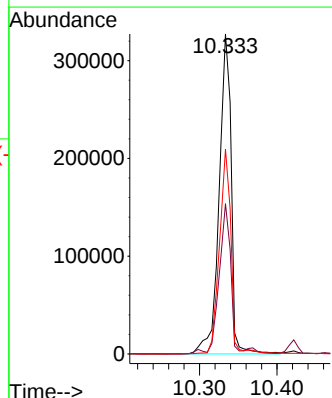
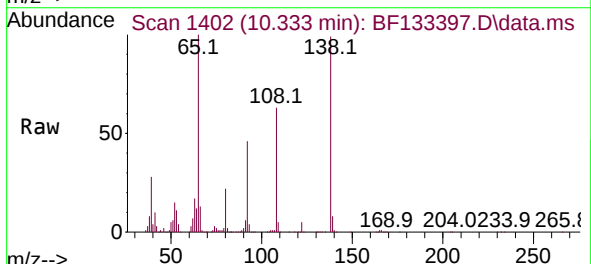
APPROVED

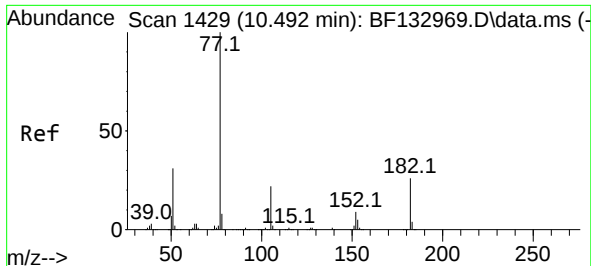
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#62
4-Nitroaniline
Concen: 43.163 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

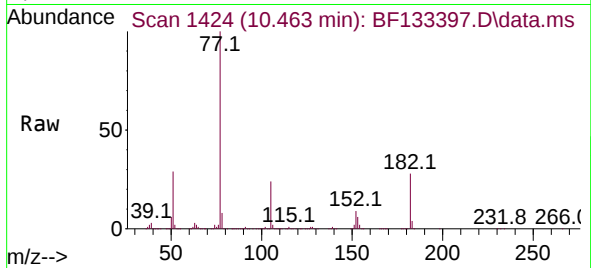
Tgt Ion:138 Resp: 354912
Ion Ratio Lower Upper
138 100
92 47.0 27.7 67.7
108 64.0 45.2 85.2





#63
Azobenzene
Concen: 36.087 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

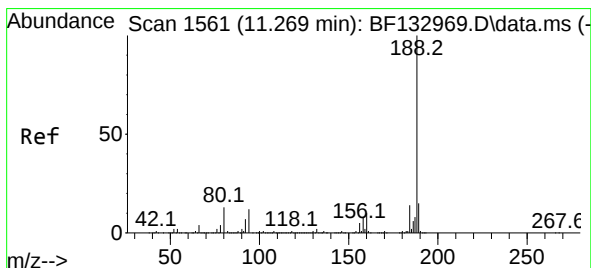
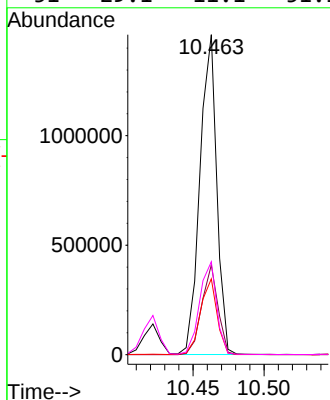
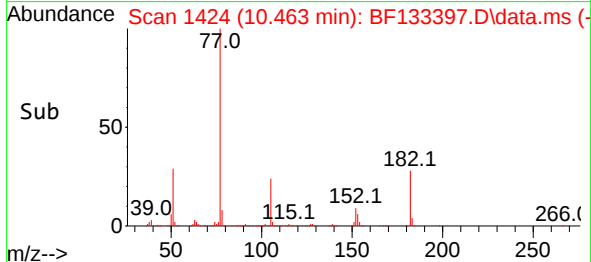
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



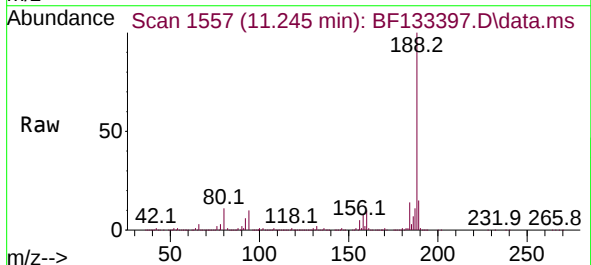
Tgt Ion: 77 Resp: 120711
Ion Ratio Lower Upper
77 100
182 28.1 5.9 45.9
105 23.7 2.3 42.3
51 29.1 11.1 51.1

Manual Integrations
APPROVED

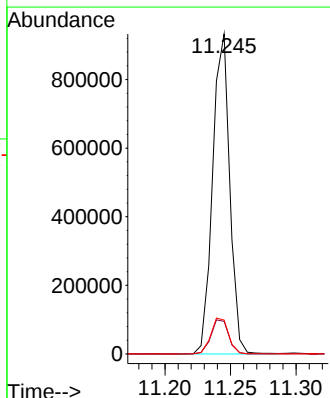
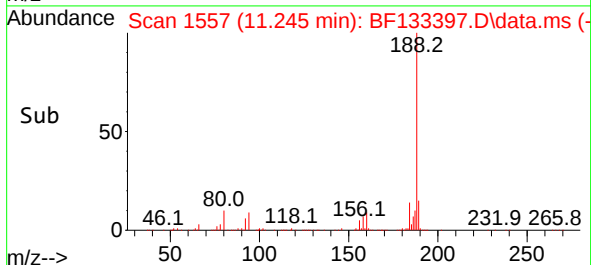
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

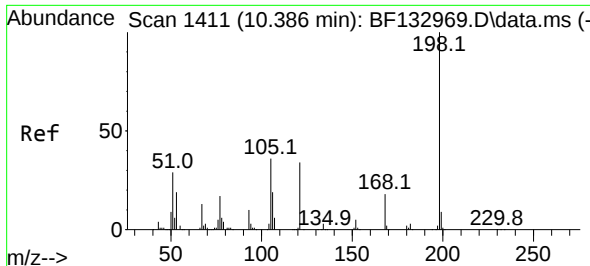


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:188 Resp: 846602
Ion Ratio Lower Upper
188 100
94 10.2 9.7 14.5
80 10.6 10.4 15.6





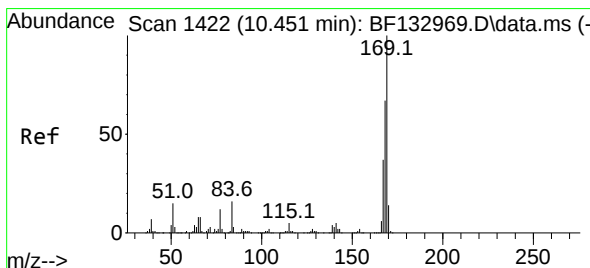
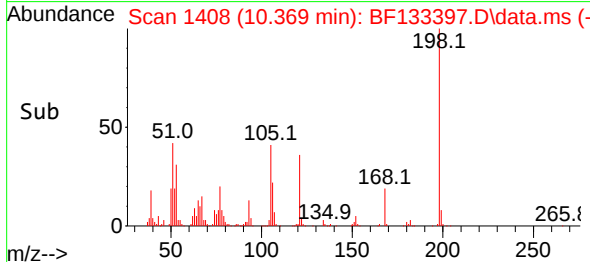
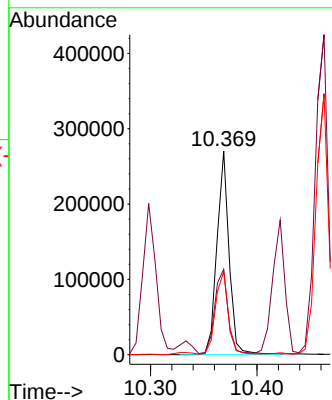
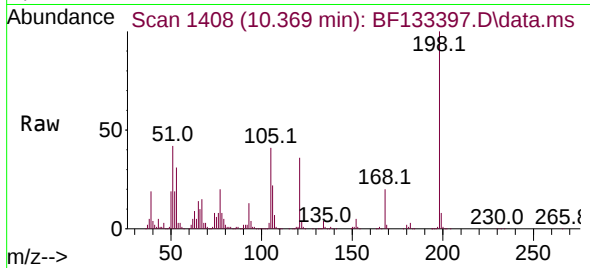
#65
4,6-Dinitro-2-methylphenol
Concen: 41.575 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 213338
Ion Ratio Lower Upper
198 100
51 42.0 15.5 55.5
105 40.8 16.7 56.7

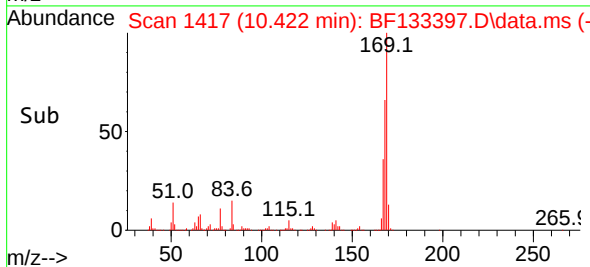
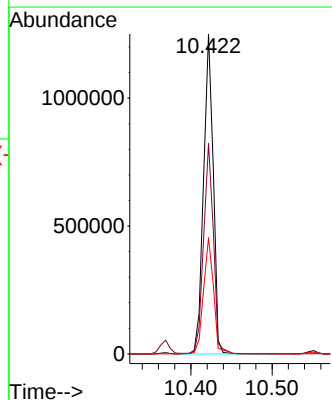
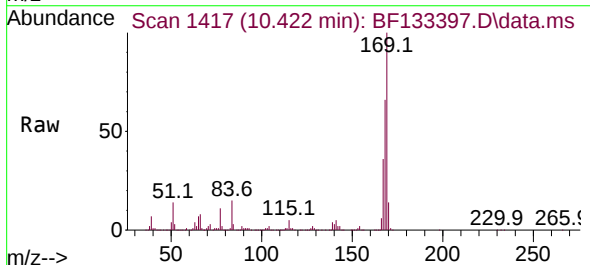
Manual Integrations
APPROVED

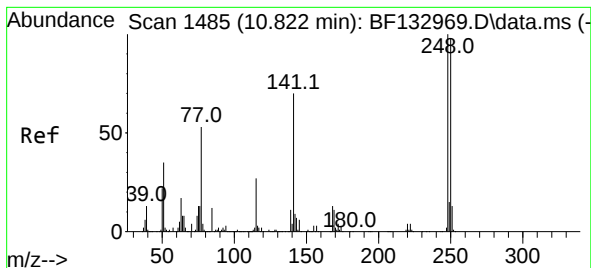
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#66
n-Nitrosodiphenylamine
Concen: 37.587 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

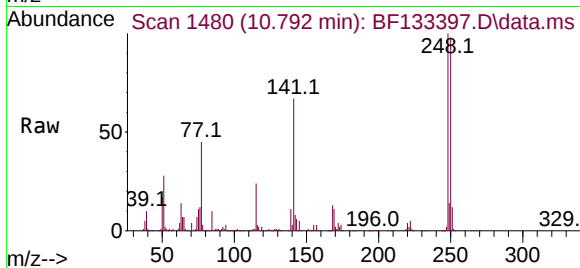
Tgt Ion:169 Resp: 1032210
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.8
167 36.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 37.616 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

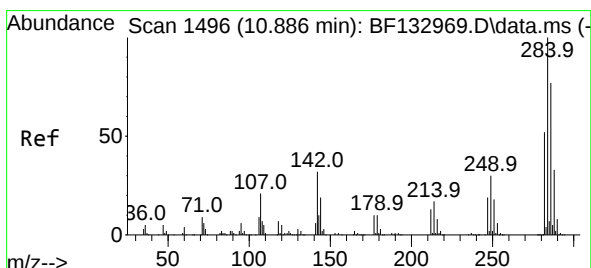
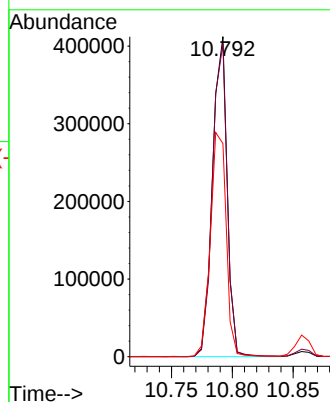
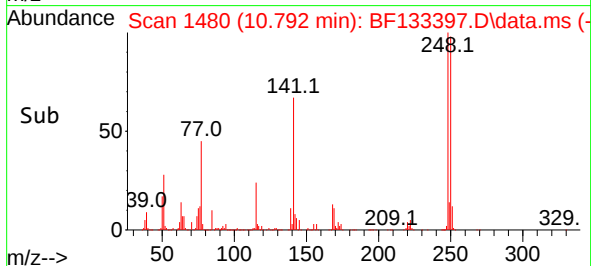
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



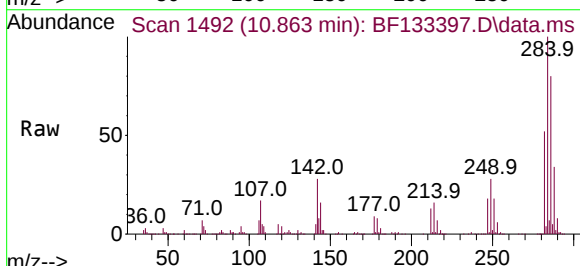
Tgt Ion:248 Resp: 34538
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 66.6 56.3 84.5

Manual Integrations
APPROVED

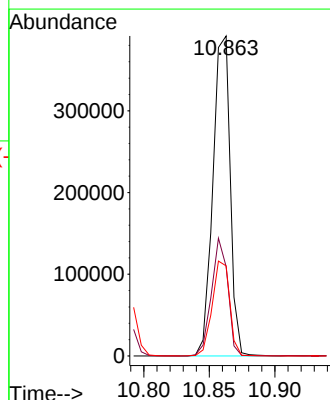
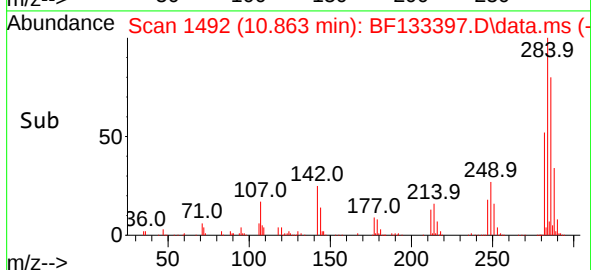
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

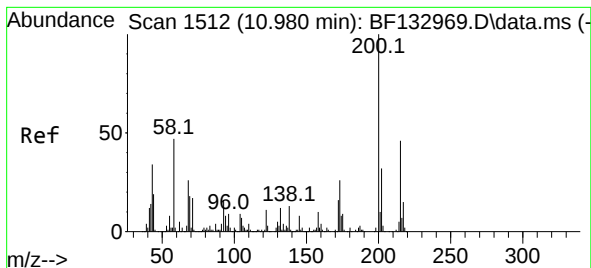


#68
Hexachlorobenzene
Concen: 38.249 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:284 Resp: 359867
Ion Ratio Lower Upper
284 100
142 27.9 26.0 39.0
249 28.2 23.7 35.5





#69

Atrazine

Concen: 38.610 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 305518

Ion Ratio Lower Upper

200 100

173 27.5 6.2 46.2

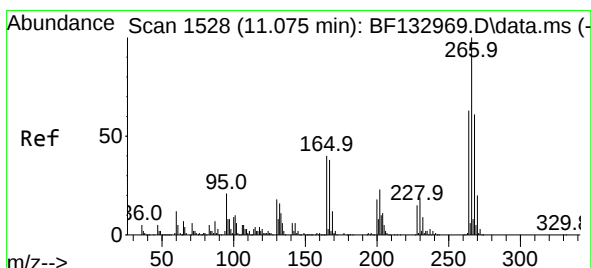
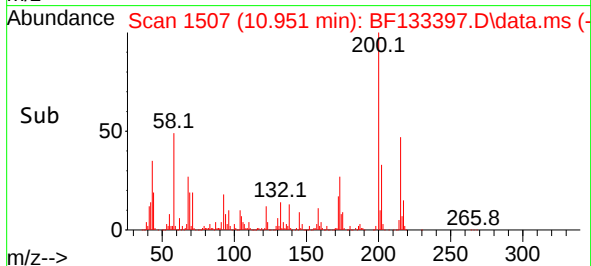
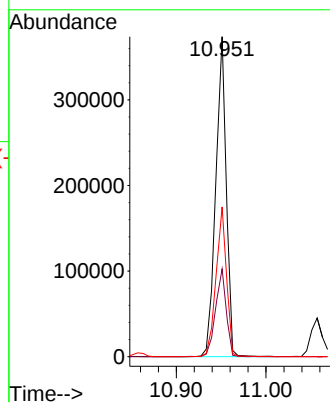
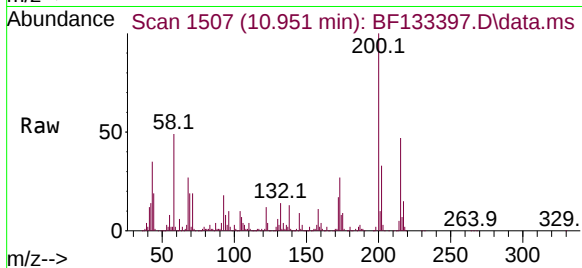
215 46.8 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#70

Pentachlorophenol

Concen: 39.077 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

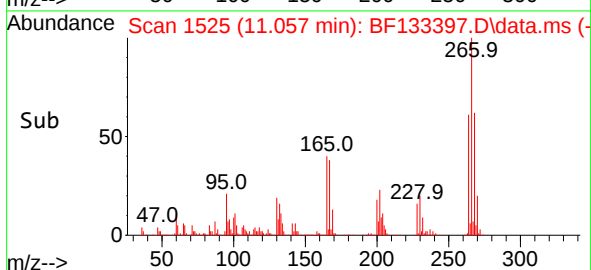
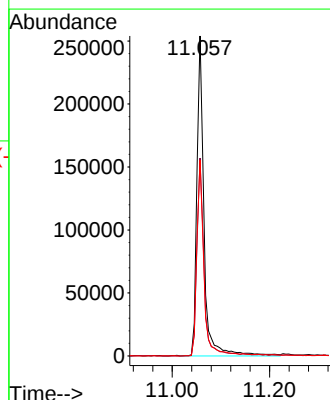
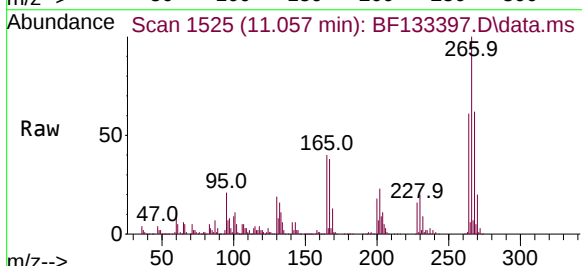
Tgt Ion:266 Resp: 261845

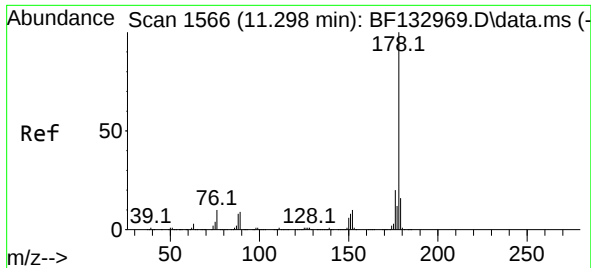
Ion Ratio Lower Upper

266 100

268 61.9 48.8 73.2

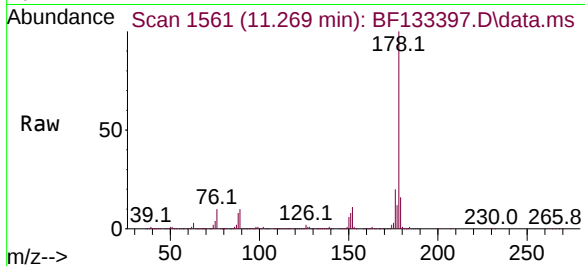
264 61.2 50.6 76.0





#71
Phenanthrene
Concen: 36.947 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

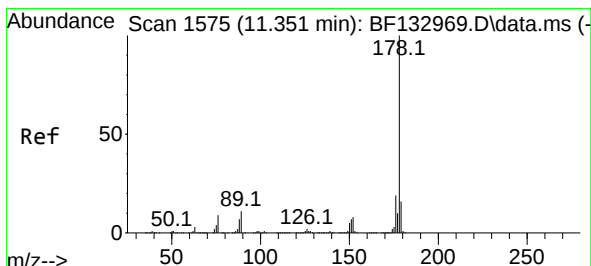
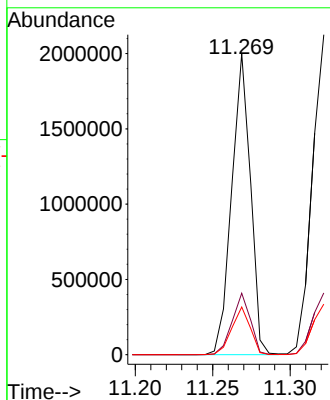
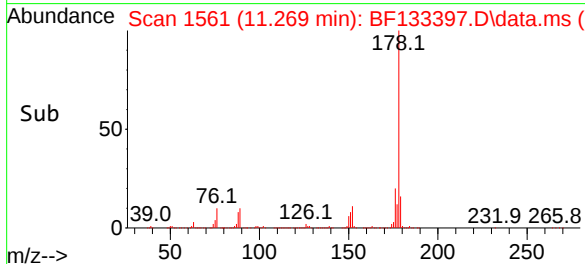
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



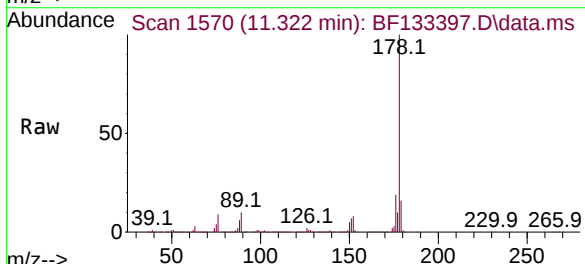
Tgt Ion:178 Resp: 168119
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.8 12.5 18.7

Manual Integrations
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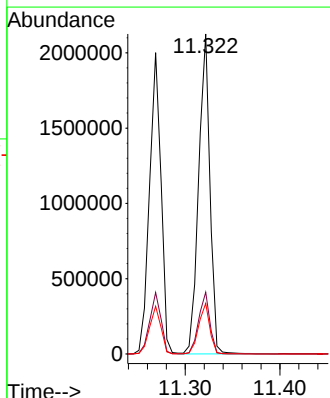
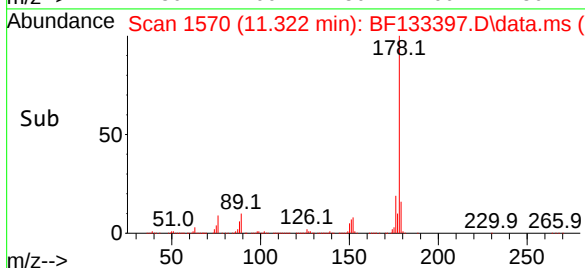
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

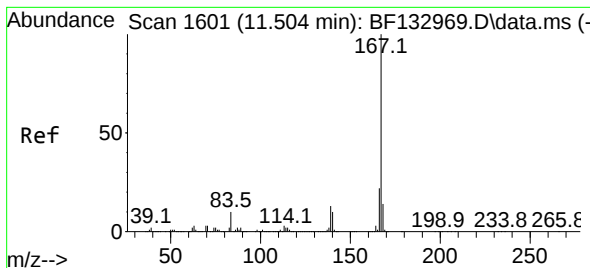


#72
Anthracene
Concen: 38.001 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:178 Resp: 1769559
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.4 18.6





#73

Carbazole

Concen: 37.725 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 156425

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

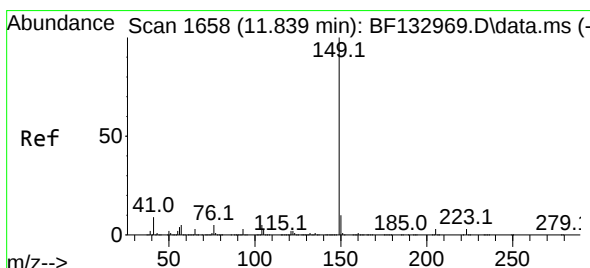
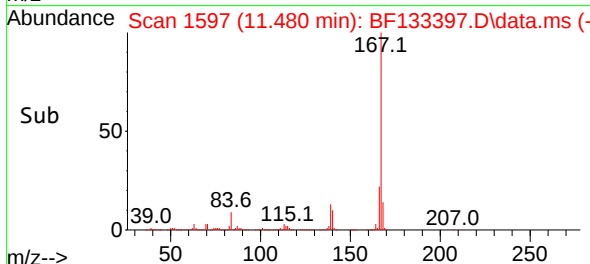
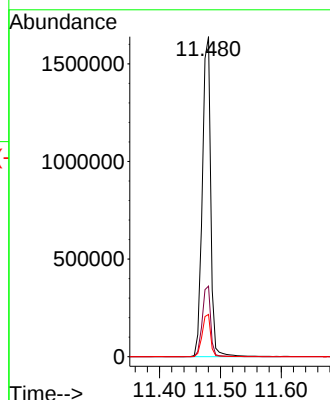
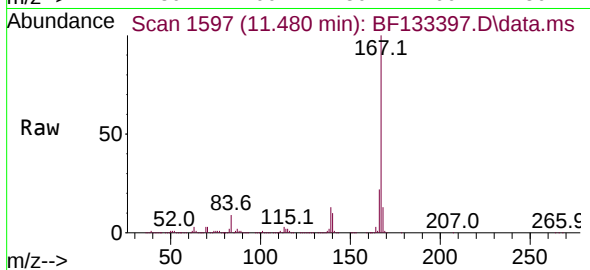
139 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#74

Di-n-butylphthalate

Concen: 39.058 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

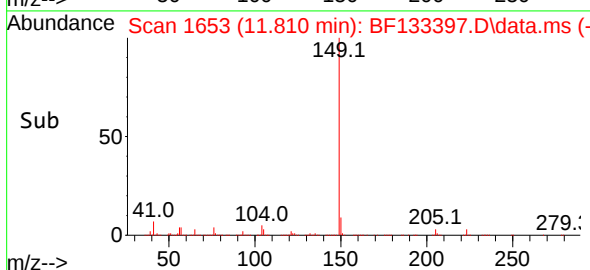
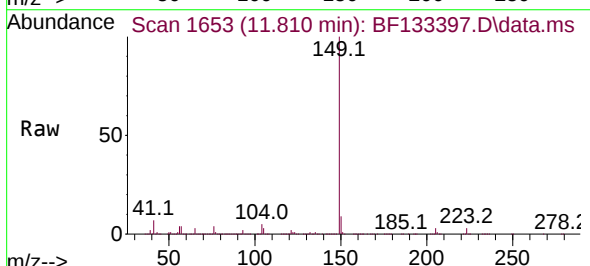
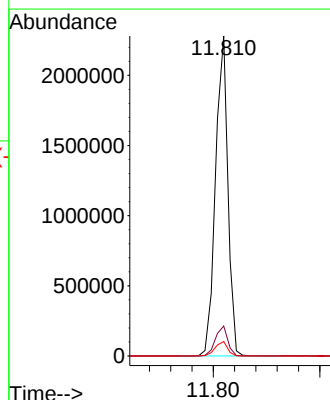
Tgt Ion:149 Resp: 1832726

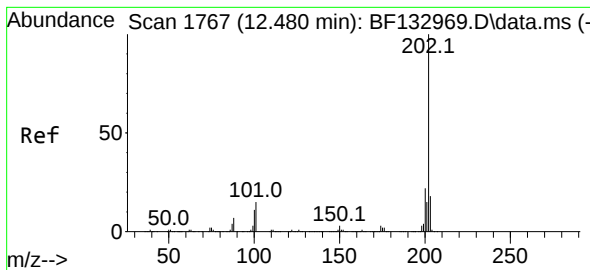
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

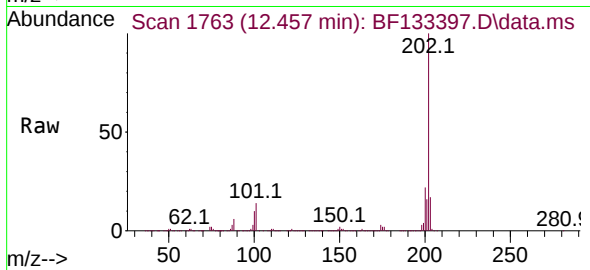
104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 36.962 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

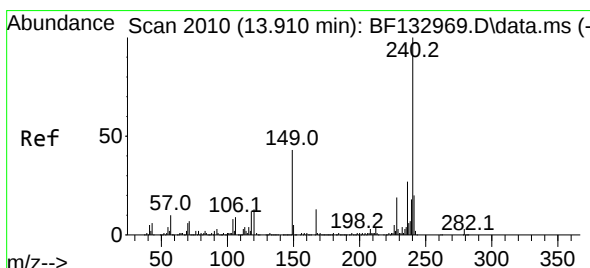
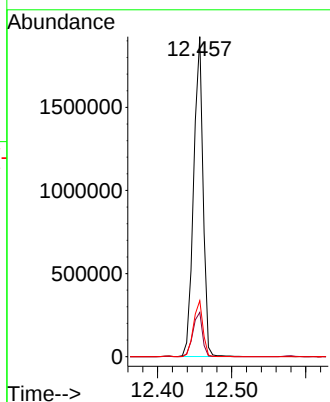
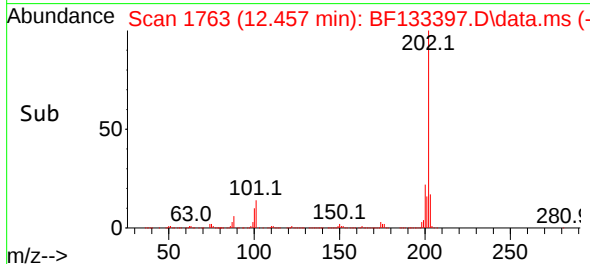
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



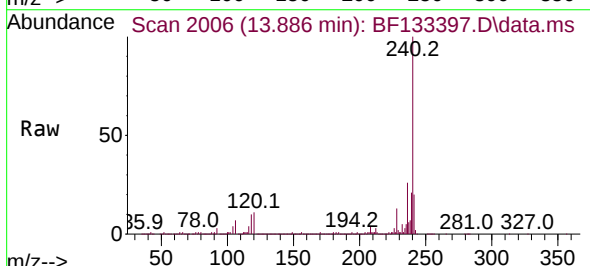
Tgt Ion:202 Resp: 168792
Ion Ratio Lower Upper
202 100
101 13.9 0.0 35.3
203 17.5 0.0 38.1

Manual Integrations
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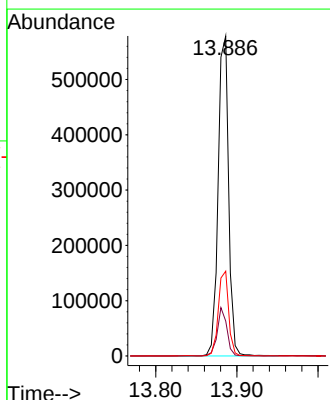
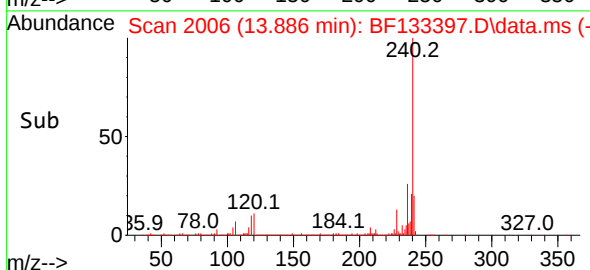
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

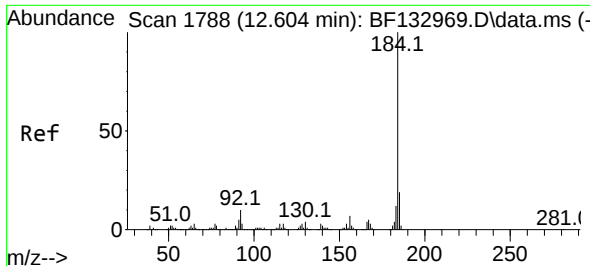


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



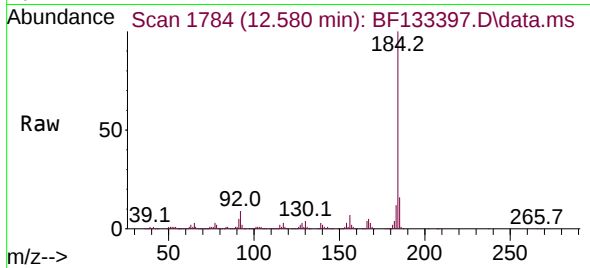
Tgt Ion:240 Resp: 520379
Ion Ratio Lower Upper
240 100
120 10.9 10.5 15.7
236 26.5 21.5 32.3





#77
Benzidine
Concen: 92.058 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10

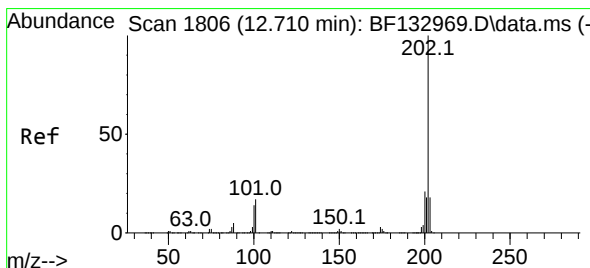
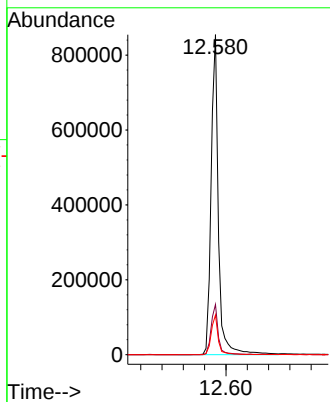
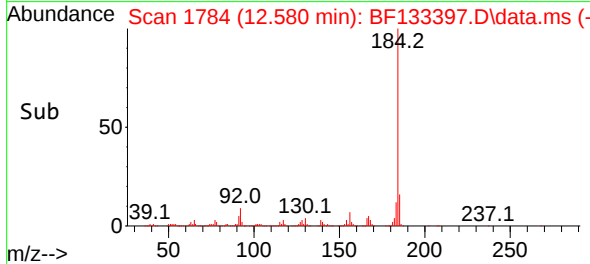
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



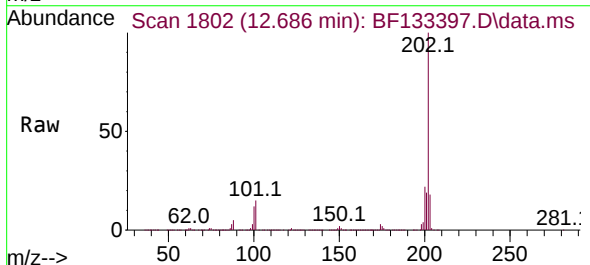
Tgt Ion:184 Resp: 81010
Ion Ratio Lower Upper
184 100
185 15.7 15.4 23.2
183 12.4 9.4 14.0

Manual Integrations
APPROVED

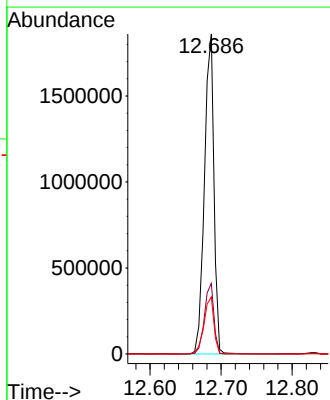
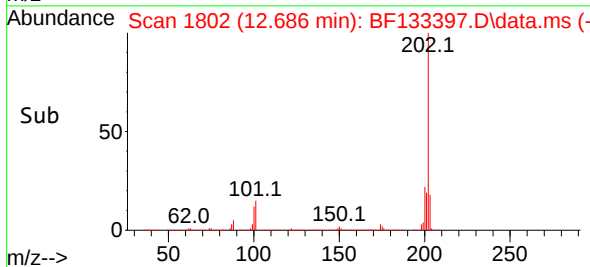
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

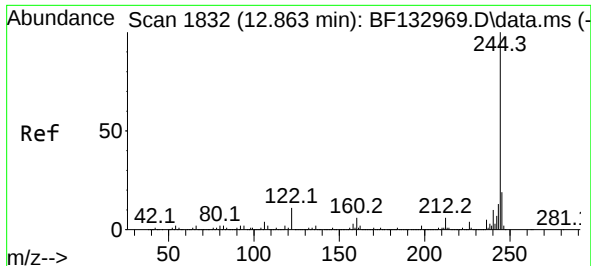


#78
Pyrene
Concen: 38.879 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF133397.D
Acq: 16 May 2023 12:10



Tgt Ion:202 Resp: 1734333
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 17.8 14.1 21.1





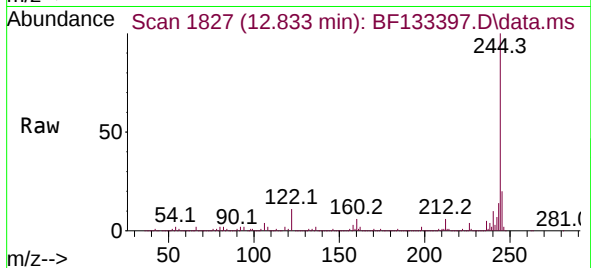
#79
 Terphenyl-d14
 Concen: 75.043 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133397.D
 Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

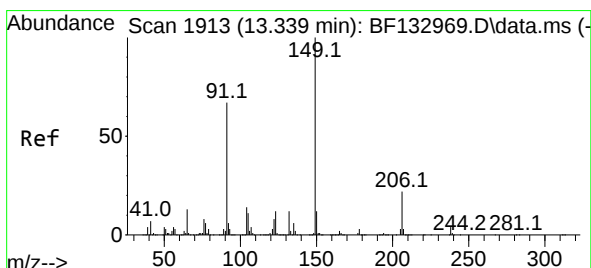
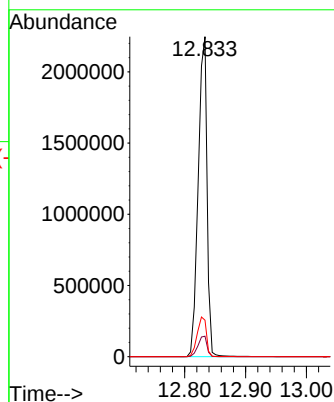
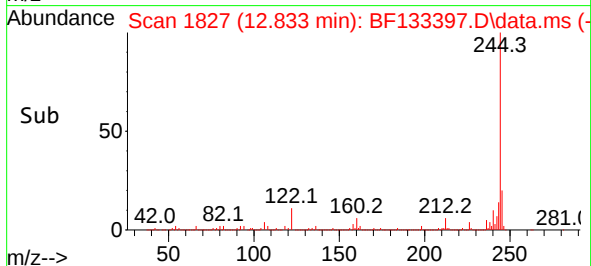


Tgt Ion:244 Resp: 226426
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.4 8.6 13.0

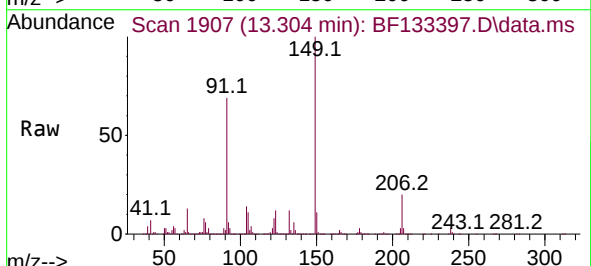
Manual Integrations

APPROVED

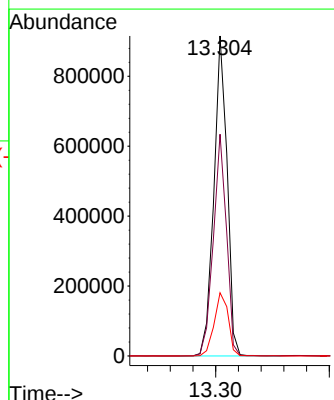
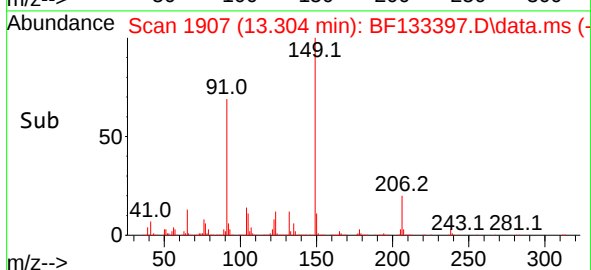
Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023

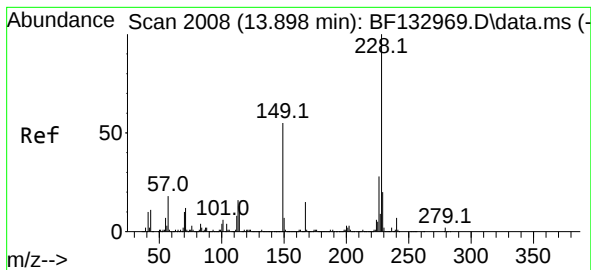


#80
 Butylbenzylphthalate
 Concen: 46.879 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133397.D
 Acq: 16 May 2023 12:10



Tgt Ion:149 Resp: 740438
 Ion Ratio Lower Upper
 149 100
 91 69.3 53.8 80.6
 206 19.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.235 ng

RT: 13.874 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 129665

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.4

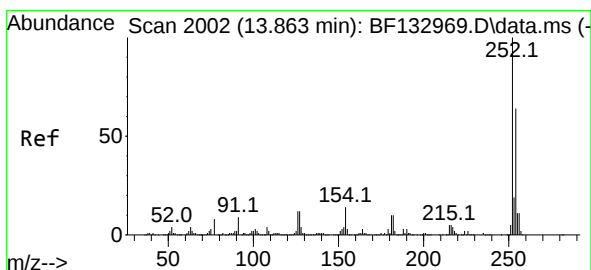
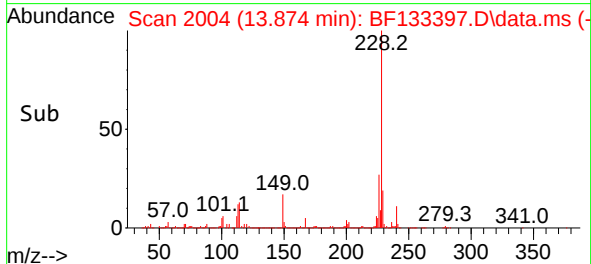
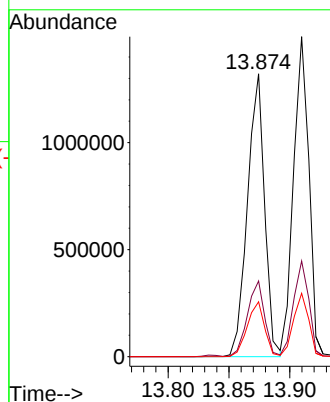
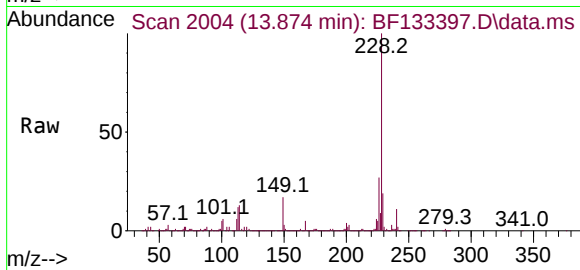
229 19.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.263 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

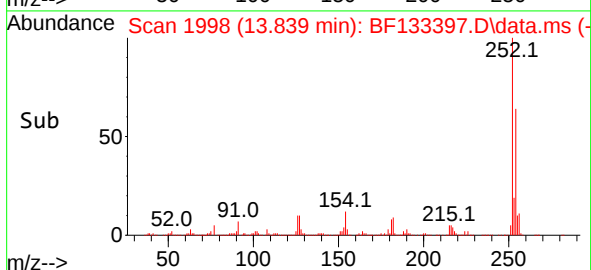
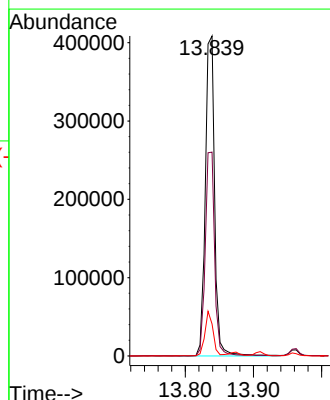
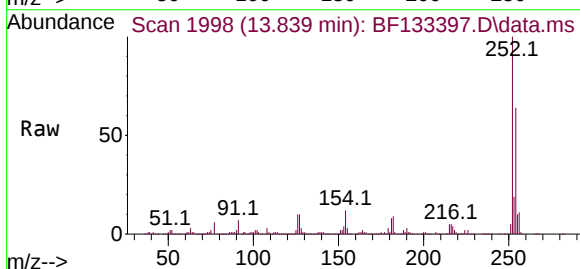
Tgt Ion:252 Resp: 388141

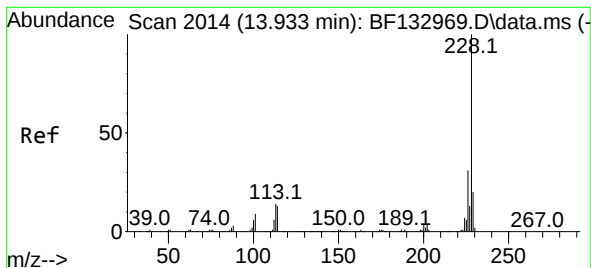
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 10.0 9.5 14.3





#83

Chrysene

Concen: 36.945 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1321730

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

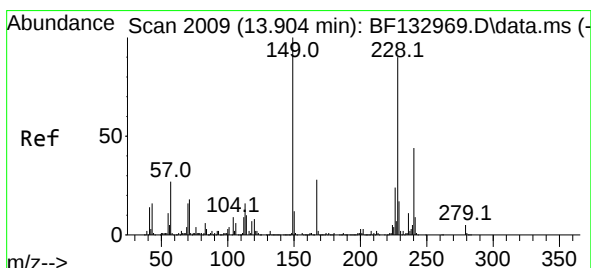
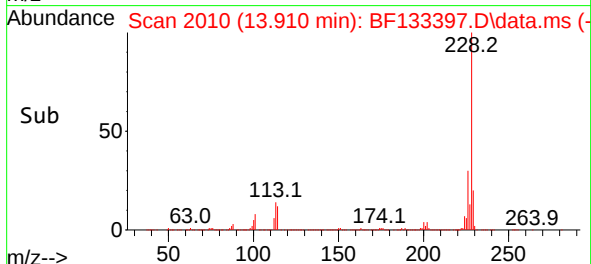
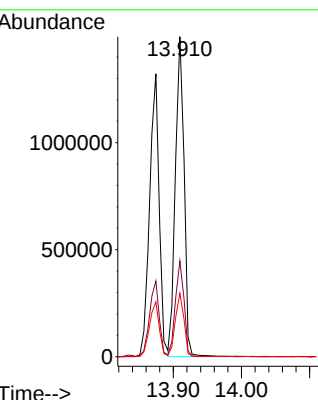
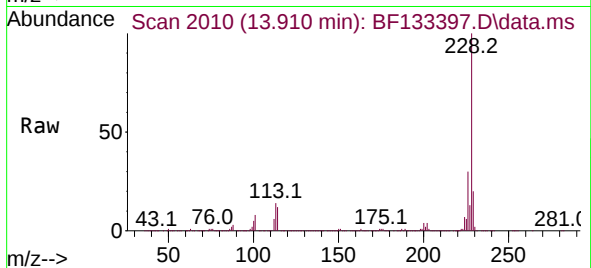
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.521 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

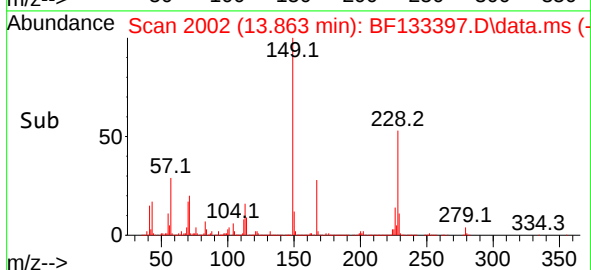
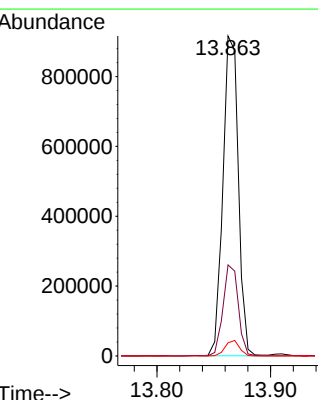
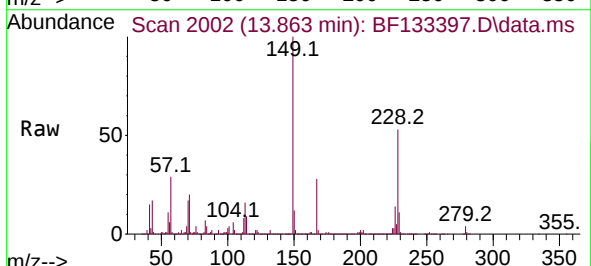
Tgt Ion:149 Resp: 862818

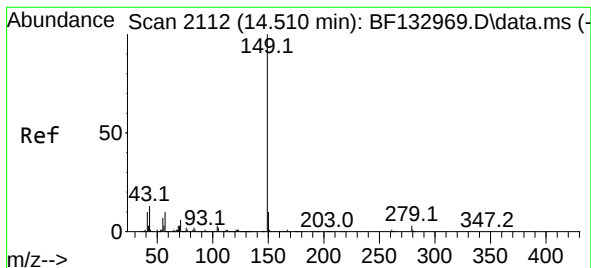
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.1 4.2 6.4#





#85

Di-n-octyl phthalate

Concen: 39.845 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1288040

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

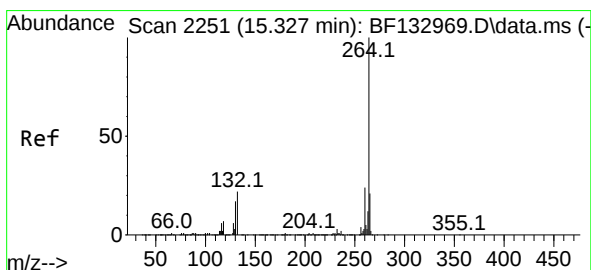
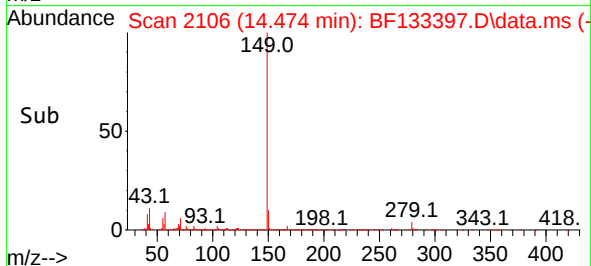
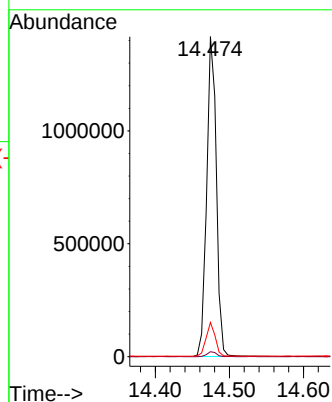
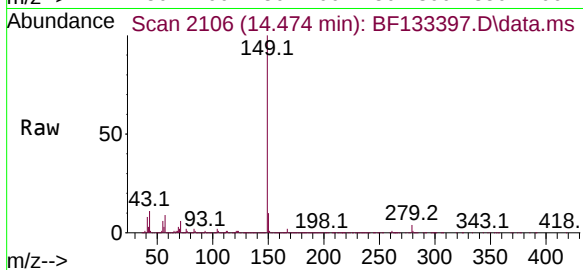
43 10.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

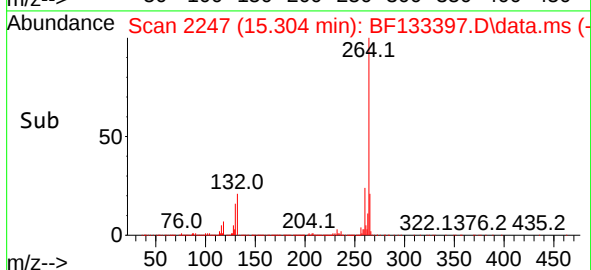
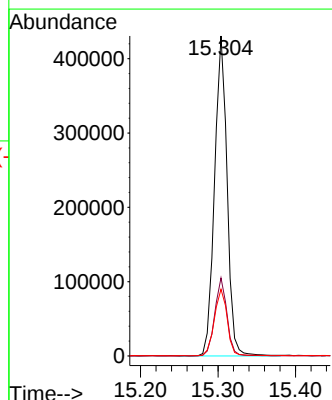
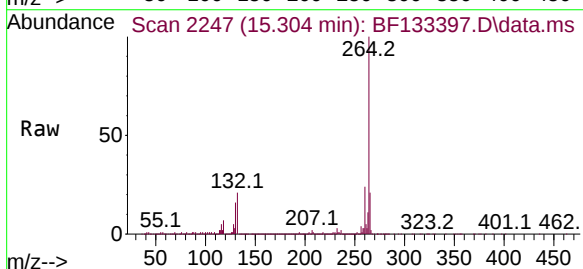
Tgt Ion:264 Resp: 484316

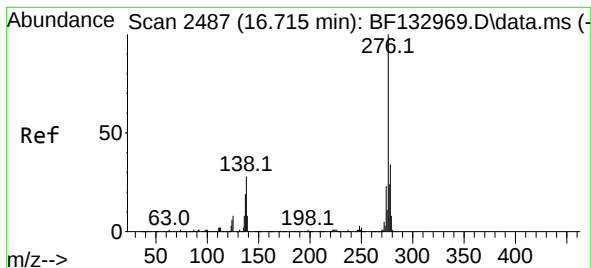
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.061 ng

RT: 16.698 min Scan# 2487

Delta R.T. 0.018 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 110363

Ion Ratio Lower Upper

276 100

138 31.3 25.5 38.3

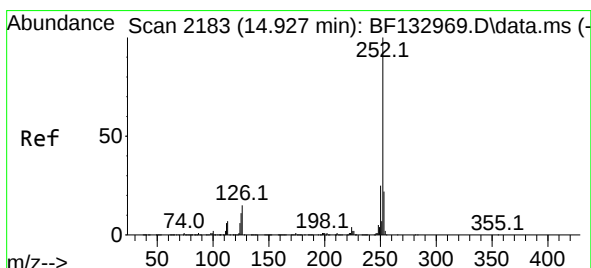
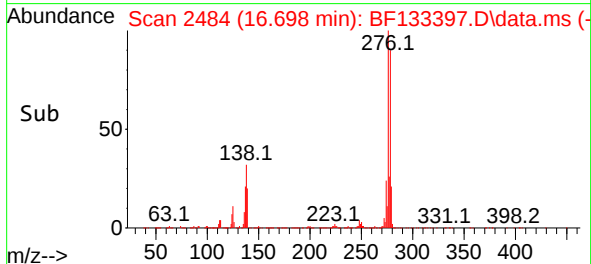
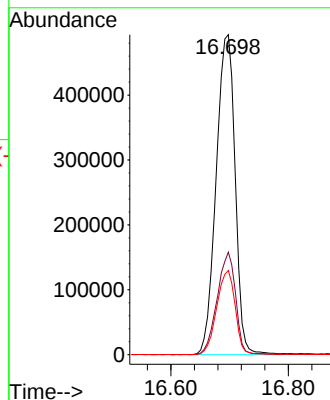
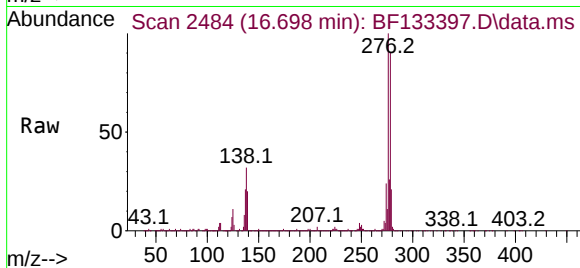
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#88

Benzo(b)fluoranthene

Concen: 32.995 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

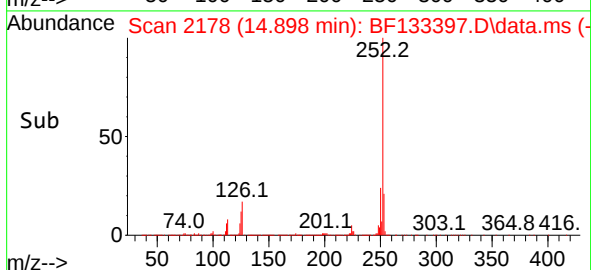
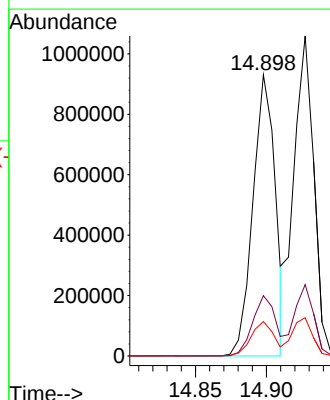
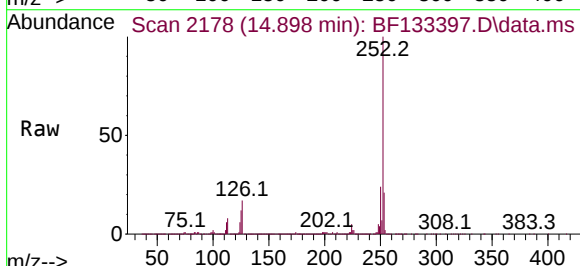
Tgt Ion:252 Resp: 1016626

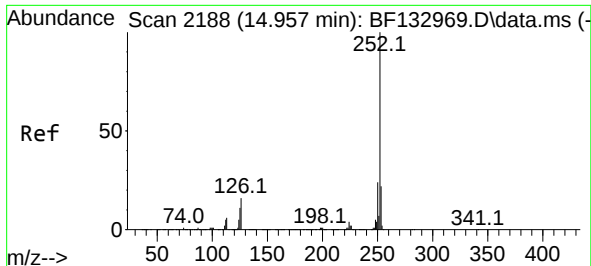
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 12.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 34.155 ng

RT: 14.927 min Scan# 2188

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 104319

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

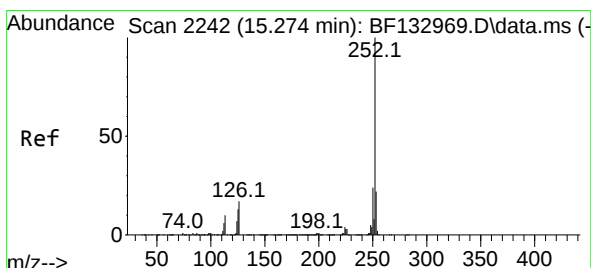
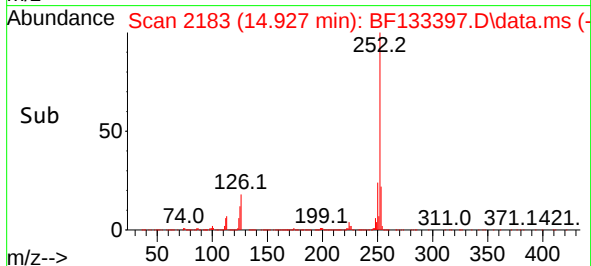
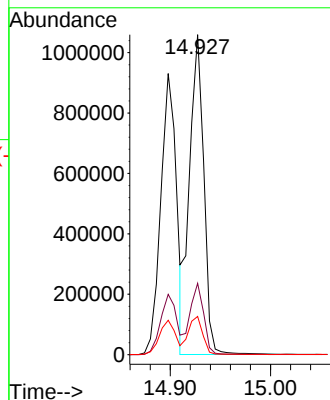
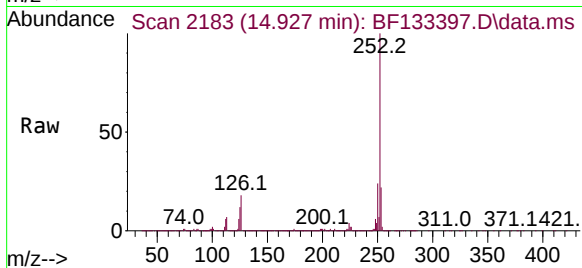
125 12.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#90

Benzo(a)pyrene

Concen: 34.975 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

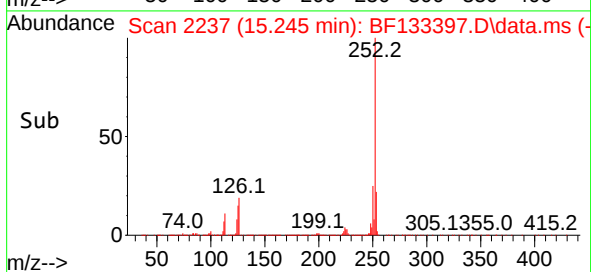
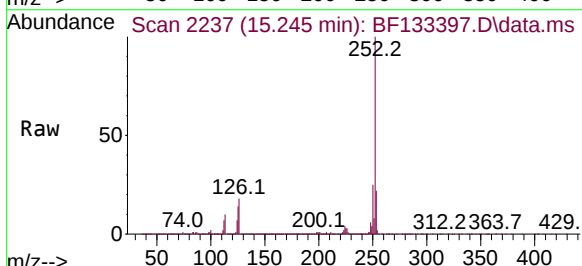
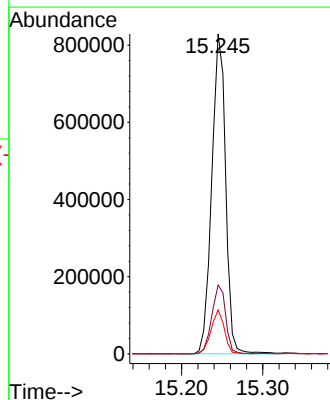
Tgt Ion:252 Resp: 980877

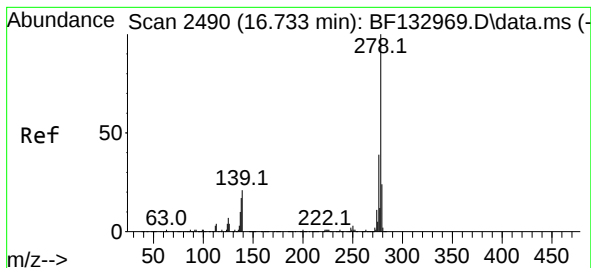
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 13.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 40.216 ng

RT: 16.704 min Scan# 2490

Delta R.T. 0.012 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Instrument :

BNA_F

ClientSampleId :

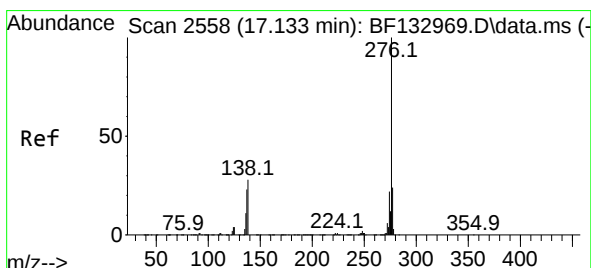
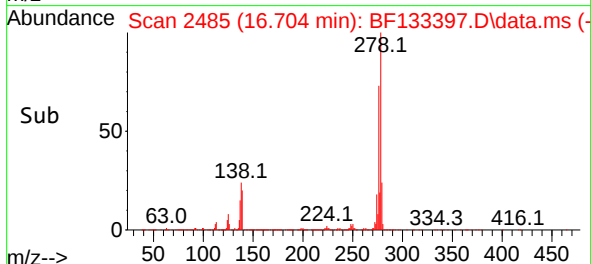
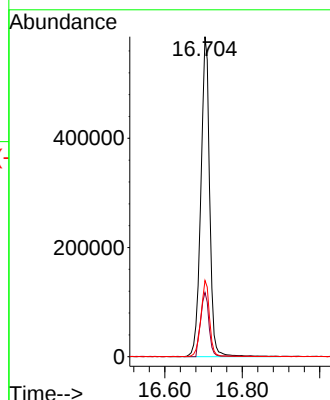
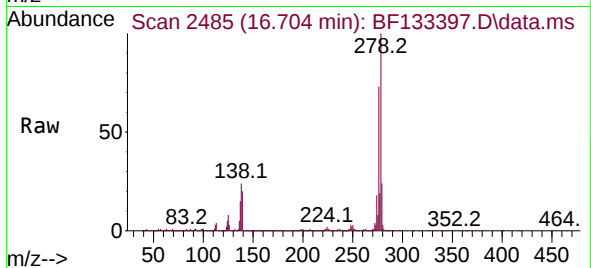
SSTDCCC040

Tgt Ion:278 Resp: 92405
 Ion Ratio Lower Upper
 278 100
 139 20.1 16.6 24.8
 279 23.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023



#92

Benzo(g,h,i)perylene

Concen: 41.047 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.018 min

Lab File: BF133397.D

Acq: 16 May 2023 12:10

Tgt Ion:276 Resp: 931125
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.4 29.0
 138 26.9 22.7 34.1

