

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133296.D
 Acq On : 08 May 2023 15:53
 Operator : CG\JU
 Sample : 02655-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 05:05:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Supervised By : Jagrut
 Upadhyay
 05/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	201524	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	821917	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	415396	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	706291	20.000	ng	0.00
76) Chrysene-d12	13.880	240	343703	20.000	ng	0.00
86) Perylene-d12	15.292	264	386785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1117843	83.793	ng	0.02
7) Phenol-d6	6.369	99	1400789	84.597	ng	0.00
23) Nitrobenzene-d5	7.292	82	852930	56.014	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	330816	79.188	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1444543	58.179	ng	0.00
79) Terphenyl-d14	12.827	244	1448160	72.667	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	259264	41.899	ng	99
3) Pyridine	3.151	79	654727	39.838	ng	97
4) n-Nitrosodimethylamine	3.116	42	368418	43.279	ng	98
6) Aniline	6.386	93	619896	29.067	ng	# 46
8) 2-Chlorophenol	6.510	128	629982	46.510	ng	94
9) Benzaldehyde	6.269	77	450579	91.651	ng	99
10) Phenol	6.381	94	760688	41.643	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	599092	43.705	ng	98
12) 1,3-Dichlorobenzene	6.663	146	666244	46.264	ng	99
13) 1,4-Dichlorobenzene	6.739	146	667055	46.218	ng	99
14) 1,2-Dichlorobenzene	6.892	146	645624	48.521	ng	97
15) Benzyl Alcohol	6.875	79	526178	46.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	971272	40.795	ng	93
17) 2-Methylphenol	6.992	107	519453	41.882	ng	97
18) Hexachloroethane	7.233	117	242084	48.245	ng	93
19) n-Nitroso-di-n-propyla...	7.145	70	407087	39.490	ng	96
20) 3+4-Methylphenols	7.145	107	609075	41.699	ng	# 73
22) Acetophenone	7.133	105	846816	44.477	ng	# 95
24) Nitrobenzene	7.310	77	644328	41.758	ng	99
25) Isophorone	7.551	82	1204006	41.645	ng	100
26) 2-Nitrophenol	7.628	139	356432	47.892	ng	92
27) 2,4-Dimethylphenol	7.675	122	572596	44.868	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	734246	42.929	ng	99
29) 2,4-Dichlorophenol	7.875	162	518759	44.653	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	547570	45.496	ng	100
31) Naphthalene	8.033	128	1754109	42.686	ng	99
32) Benzoic acid	7.745	122	76382m	9.690	ng	
33) 4-Chloroaniline	8.080	127	257660	15.519	ng	99
34) Hexachlorobutadiene	8.151	225	298630	44.767	ng	98
35) Caprolactam	8.451	113	170496m	43.686	ng	
36) 4-Chloro-3-methylphenol	8.575	107	547850	43.730	ng	99
37) 2-Methylnaphthalene	8.722	142	1164279	41.442	ng	99
38) 1-Methylnaphthalene	8.822	142	1092081	41.553	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	480838	43.052	ng	98
41) Hexachlorocyclopentadiene	8.875	237	549035	84.289	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	334176	43.265	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	358915	40.178	ng	98
46) 1,1'-Biphenyl	9.186	154	1407400	42.727	ng	99
47) 2-Chloronaphthalene	9.210	162	1071349	44.437	ng	99
48) 2-Nitroaniline	9.304	65	346649	43.505	ng	90
49) Acenaphthylene	9.622	152	1649135	42.809	ng	100
50) Dimethylphthalate	9.492	163	1236389	42.686	ng	99
51) 2,6-Dinitrotoluene	9.551	165	283623	43.506	ng	93
52) Acenaphthene	9.798	154	1087707m	42.158	ng	
53) 3-Nitroaniline	9.716	138	207446	26.762	ng	97
54) 2,4-Dinitrophenol	9.822	184	122851	37.490	ng	92
55) Dibenzofuran	9.969	168	1449487	41.185	ng	99
56) 4-Nitrophenol	9.892	139	437160	72.815	ng	92
57) 2,4-Dinitrotoluene	9.957	165	371612	44.698	ng	91
58) Fluorene	10.310	166	1076099	41.733	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	267688	38.653	ng	98
60) Diethylphthalate	10.192	149	1164827	42.576	ng	97
61) 4-Chlorophenyl-phenyle...	10.304	204	511496	40.706	ng	98
62) 4-Nitroaniline	10.333	138	315292	44.255	ng	97
63) Azobenzene	10.463	77	1195847	41.261	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	139312	32.542	ng	87
66) n-Nitrosodiphenylamine	10.422	169	984655	42.979	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	329798	43.054	ng	97
68) Hexachlorobenzene	10.857	284	352638	44.926	ng	94
69) Atrazine	10.951	200	339608	51.444	ng	97
70) Pentachlorophenol	11.051	266	256911	45.958	ng	99
71) Phenanthrene	11.269	178	1626470	42.846	ng	99
72) Anthracene	11.321	178	1677319	43.175	ng	99
73) Carbazole	11.474	167	1500150	43.367	ng	99
74) Di-n-butylphthalate	11.810	149	1784788	45.592	ng	100
75) Fluoranthene	12.451	202	1570788	41.230	ng	99
77) Benzidine	12.574	184	779153	134.055	ng	# 94
78) Pyrene	12.680	202	1578708	53.582	ng	99
80) Butylbenzylphthalate	13.304	149	627524	60.153	ng	95
81) Benzo(a)anthracene	13.868	228	1012271	42.829	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	130038	19.916	ng	# 97
83) Chrysene	13.904	228	1001625	42.389	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	691061	52.776	ng	99
85) Di-n-octyl phthalate	14.474	149	1150533	53.887	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1273587	57.887	ng	98
88) Benzo(b)fluoranthene	14.892	252	1011726	41.116	ng	98
89) Benzo(k)fluoranthene	14.921	252	1005553	41.224	ng	99
90) Benzo(a)pyrene	15.239	252	938880	41.919	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1054778	57.481	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1068376	58.974	ng	97

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

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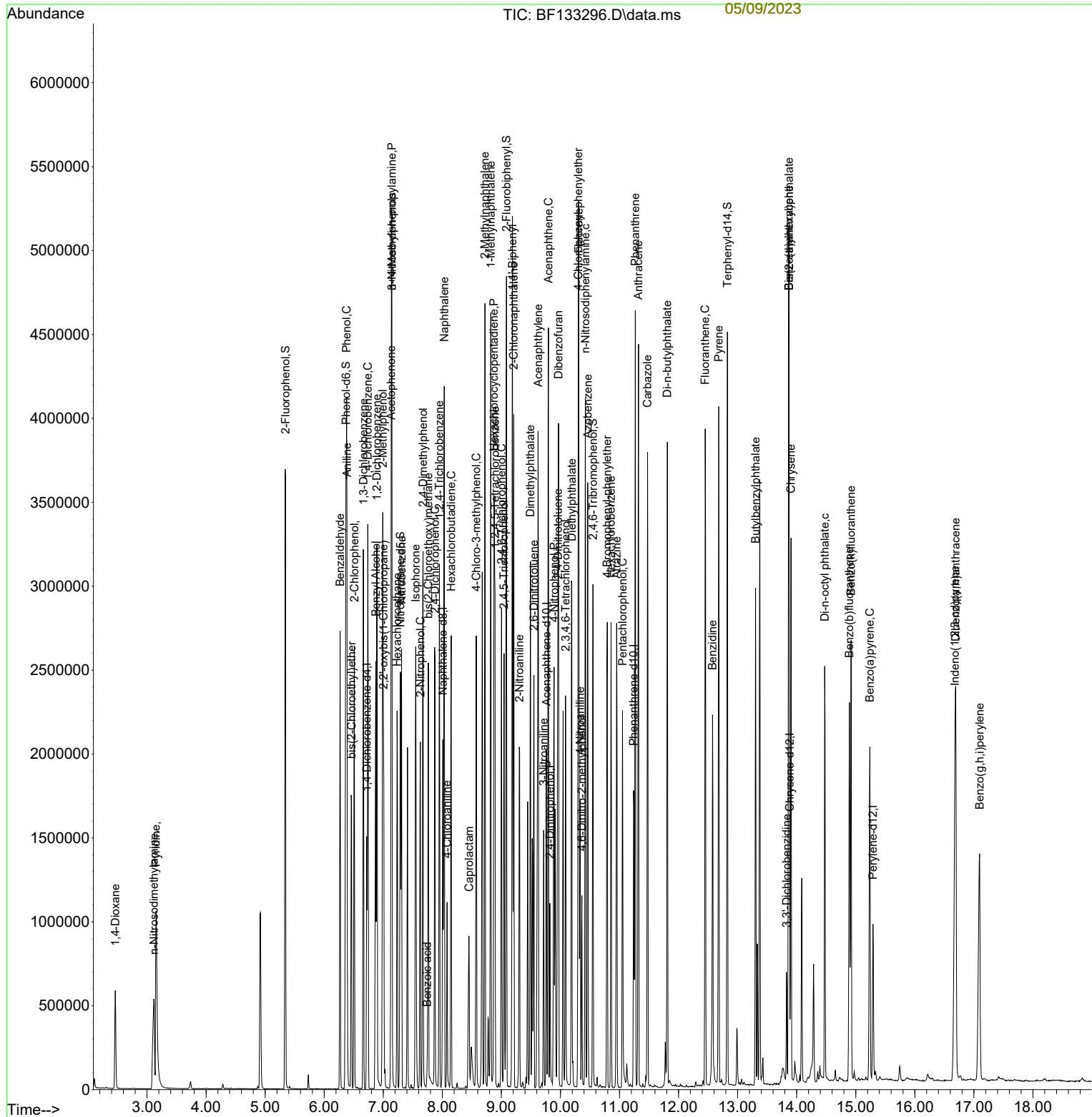
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BNA_F
ClientSampleId :

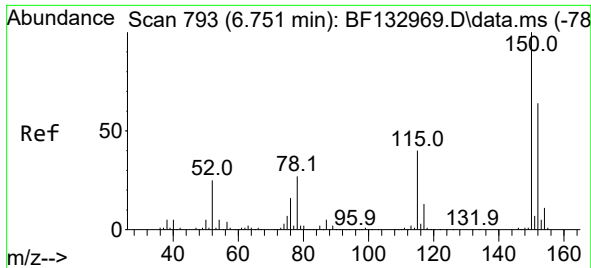
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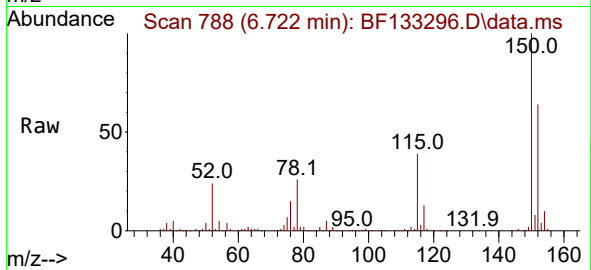
Supervised By :Jagrut
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05/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

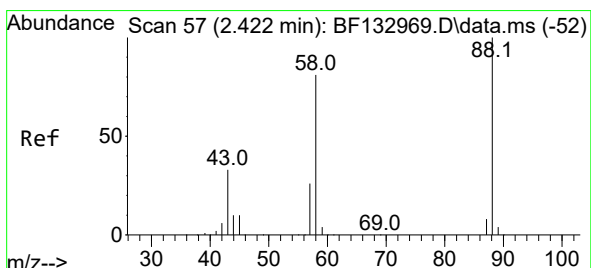
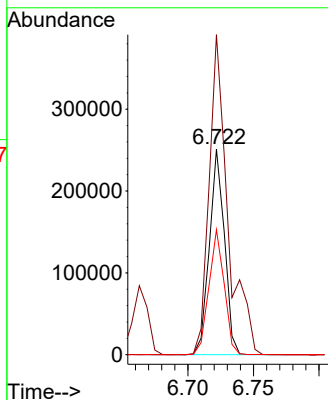
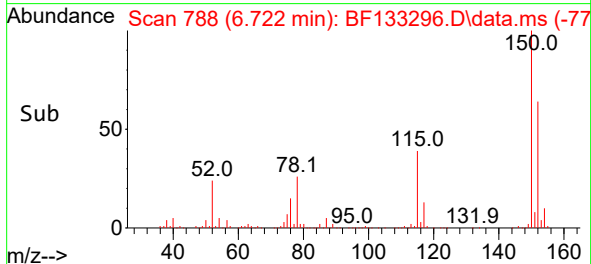


Tgt Ion:152 Resp: 201524
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 60.7 49.9 74.9

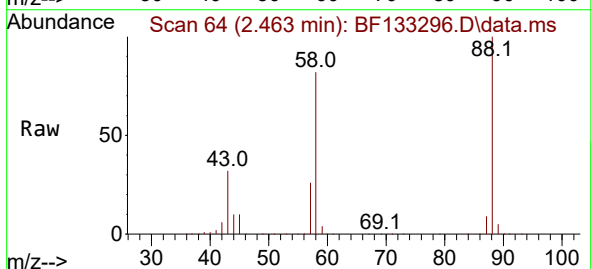
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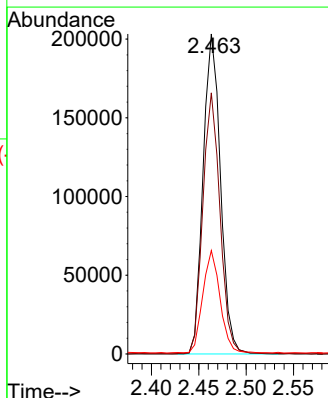
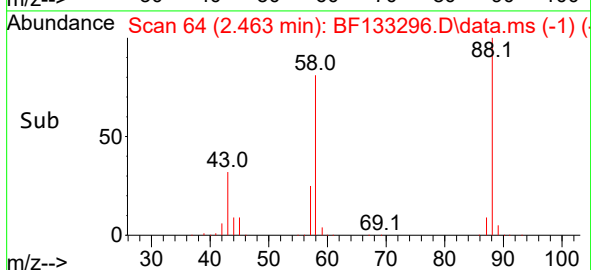
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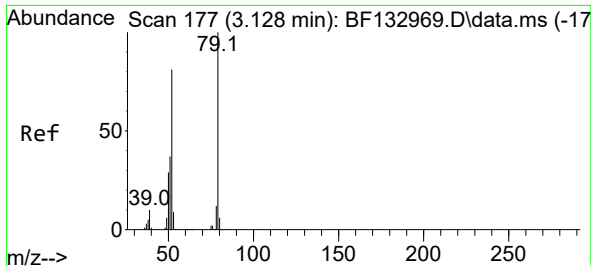


#2
1,4-Dioxane
Concen: 41.899 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.094 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



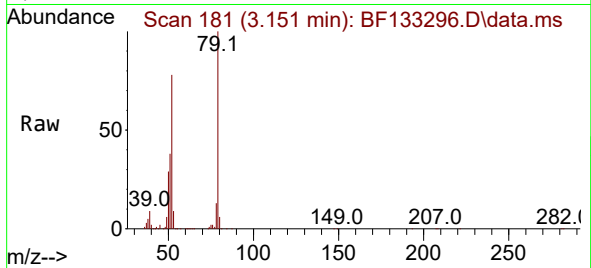
Tgt Ion: 88 Resp: 259264
Ion Ratio Lower Upper
88 100
58 80.1 64.7 97.1
43 31.9 26.2 39.2





#3
Pyridine
Concen: 39.838 ng
RT: 3.151 min Scan# 177
Delta R.T. 0.088 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

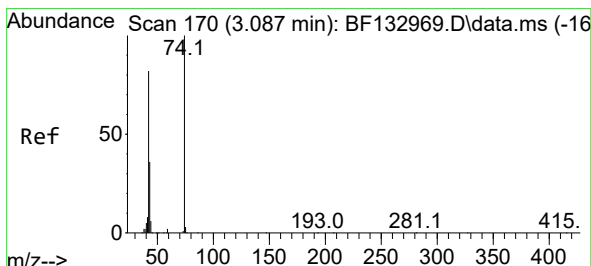
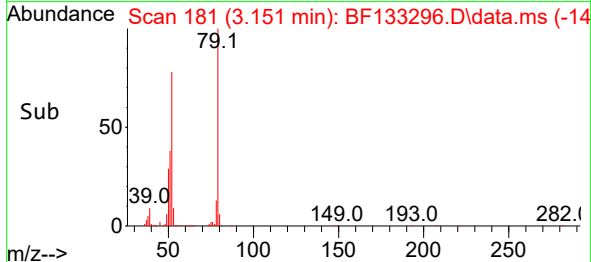
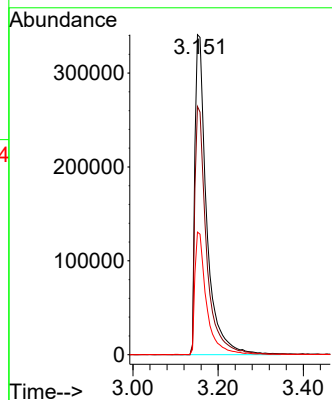


Tgt Ion: 79 Resp: 65472
Ion Ratio Lower Upper
79 100
52 77.5 64.6 96.8
51 38.3 30.0 45.0

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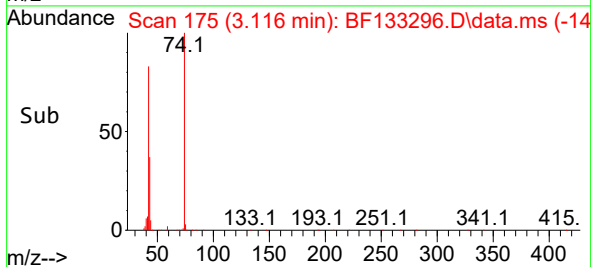
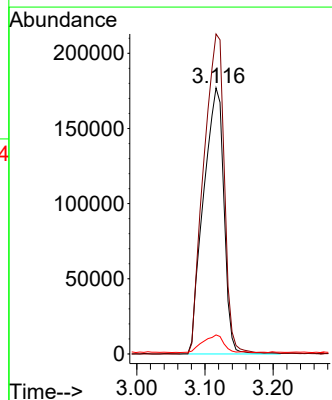
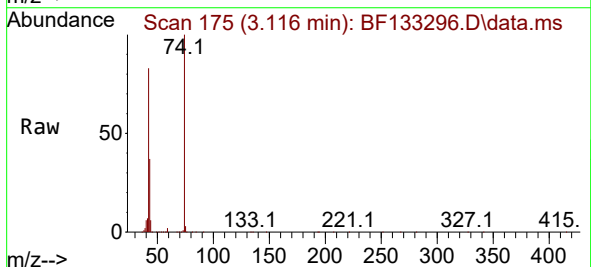
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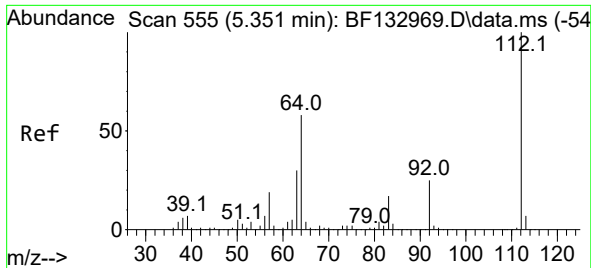
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#4
n-Nitrosodimethylamine
Concen: 43.279 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.082 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

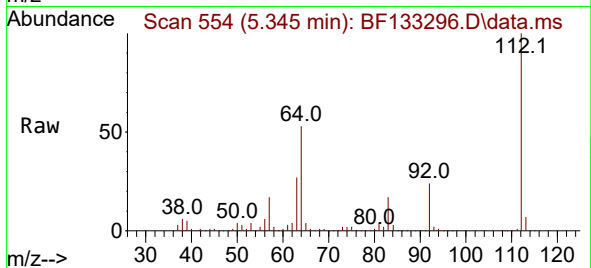
Tgt Ion: 42 Resp: 368418
Ion Ratio Lower Upper
42 100
74 120.2 98.0 147.0
44 7.2 5.8 8.8





#5
2-Fluorophenol
Concen: 83.793 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

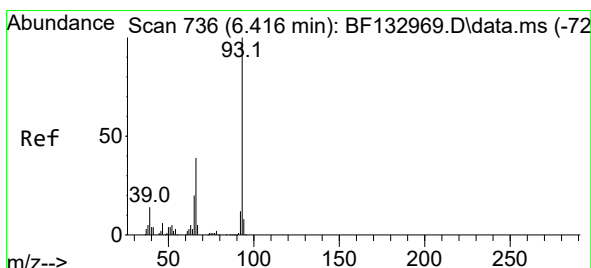
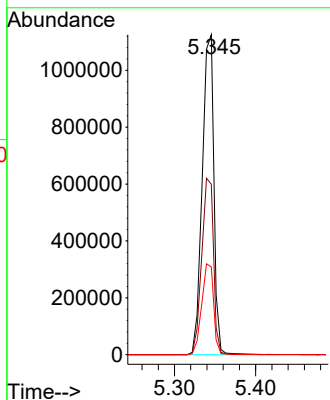
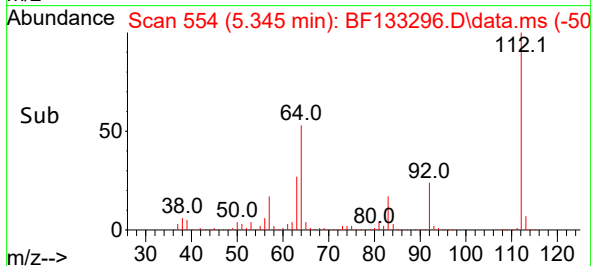


Tgt Ion:112 Resp: 111784
Ion Ratio Lower Upper
112 100
64 53.3 46.8 70.2
63 27.4 23.8 35.8

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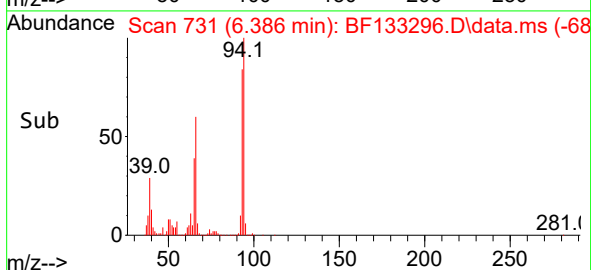
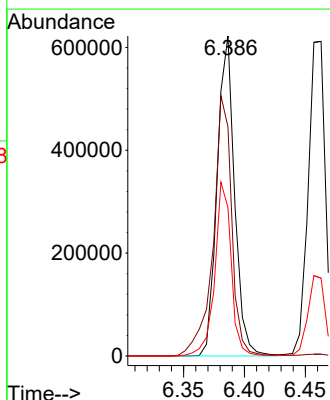
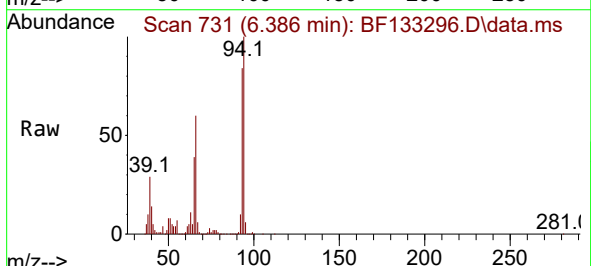
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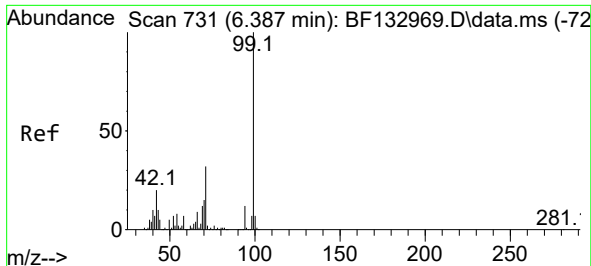
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#6
Aniline
Concen: 29.067 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion: 93 Resp: 619896
Ion Ratio Lower Upper
93 100
66 71.6 31.5 47.3#
65 46.3 16.4 24.6#





#7

Phenol-d6

Concen: 84.597 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

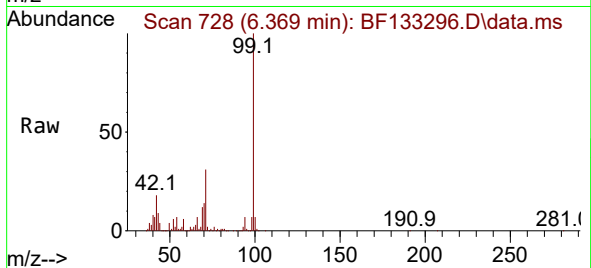
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1400789

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

71 31.2 25.6 38.4

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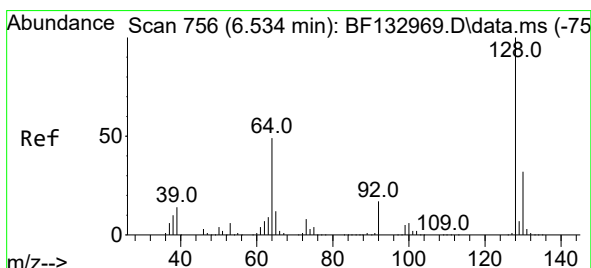
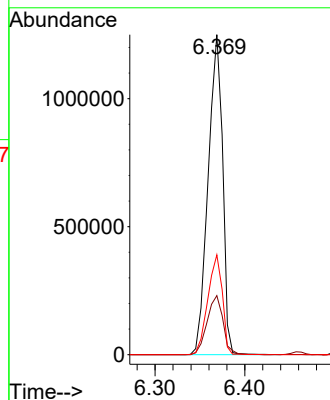
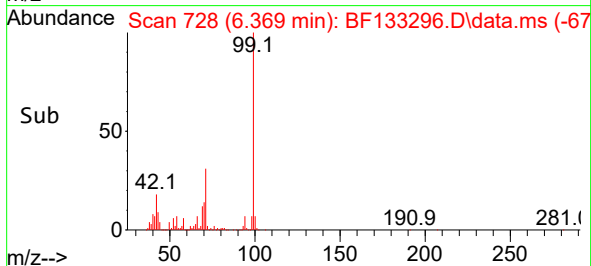
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Upadhyay

05/09/2023



#8

2-Chlorophenol

Concen: 46.510 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

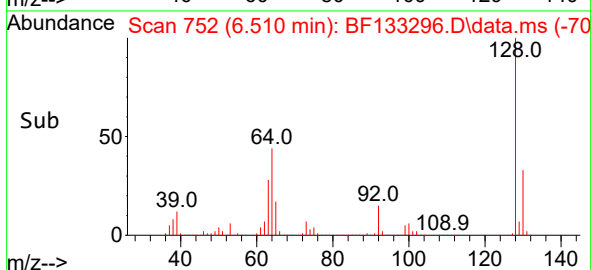
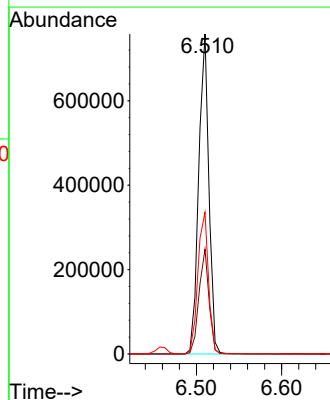
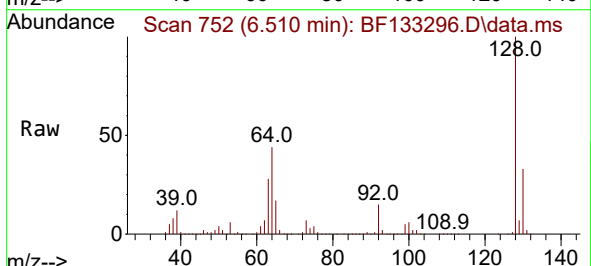
Tgt Ion:128 Resp: 629982

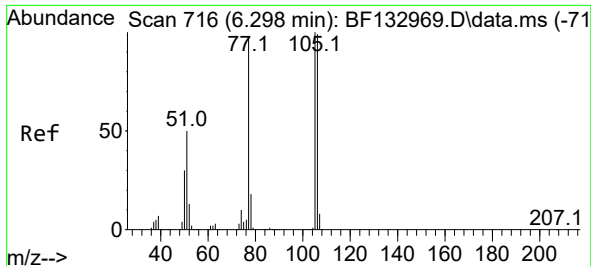
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

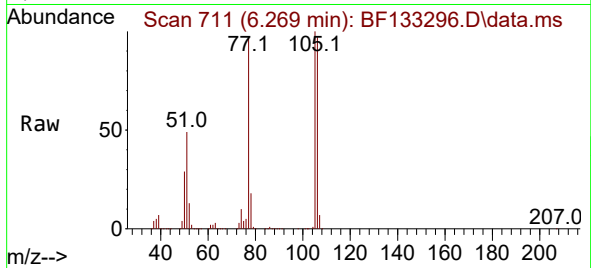
64 44.3 30.3 70.3





#9
Benzaldehyde
Concen: 91.651 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
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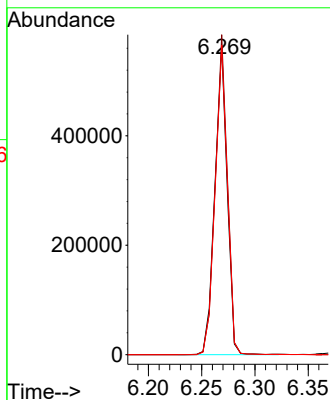
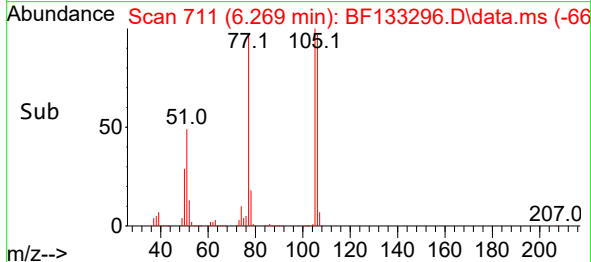
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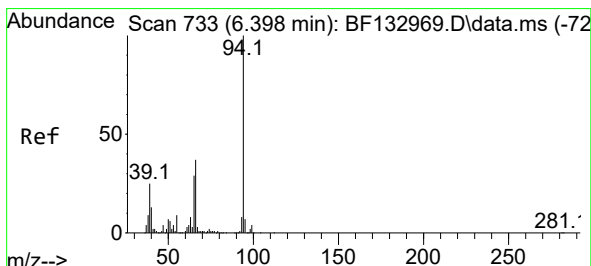
Tgt Ion: 77 Resp: 450579
Ion Ratio Lower Upper
77 100
105 103.6 82.3 122.3
106 100.2 80.8 120.8

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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

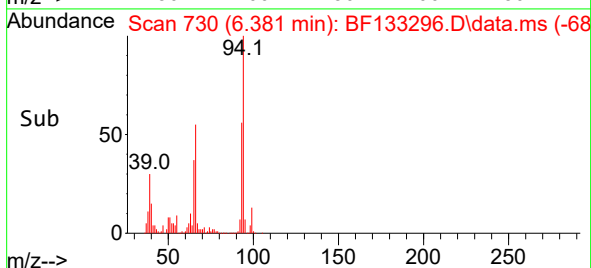
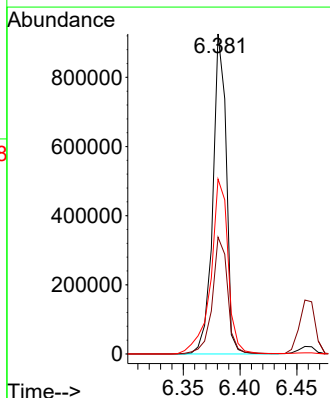
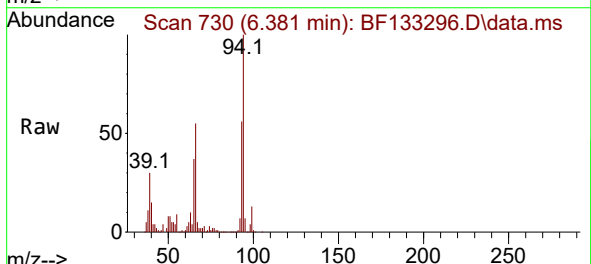


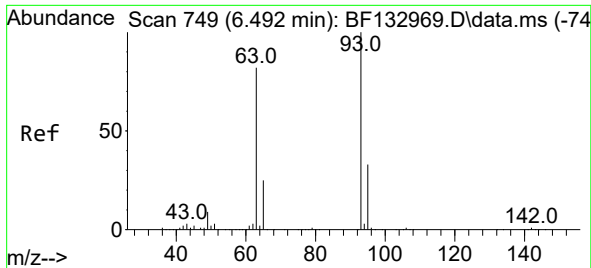
Supervised By :Jagrut
Upadhyay
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#10
Phenol
Concen: 41.643 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

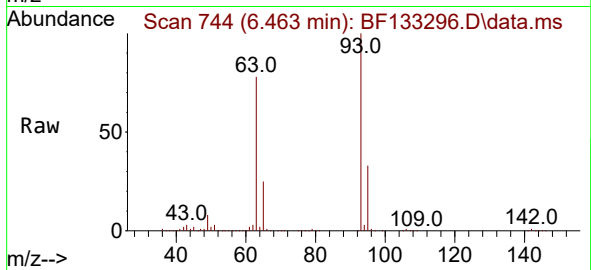
Tgt Ion: 94 Resp: 760688
Ion Ratio Lower Upper
94 100
65 36.5 8.6 48.6
66 54.7 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 43.705 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

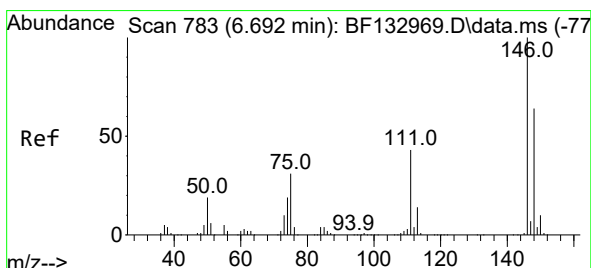
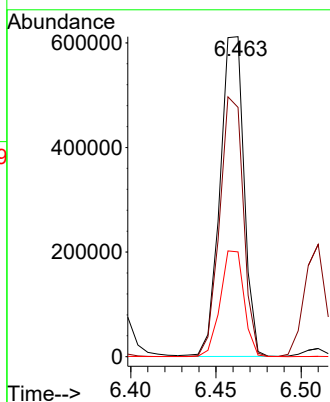
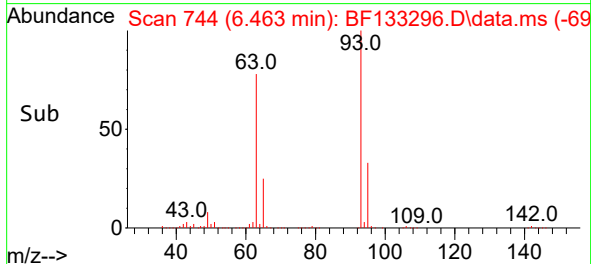


Tgt Ion: 93 Resp: 599092
Ion Ratio Lower Upper
93 100
63 77.9 60.6 100.6
95 32.8 12.9 52.9

Manual Integrations
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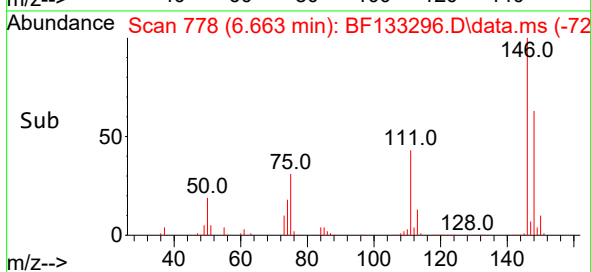
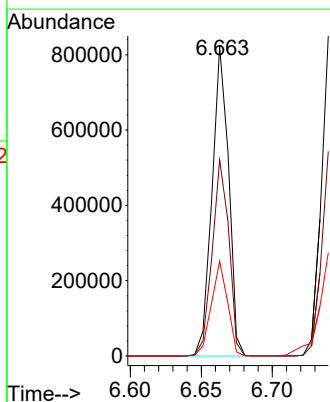
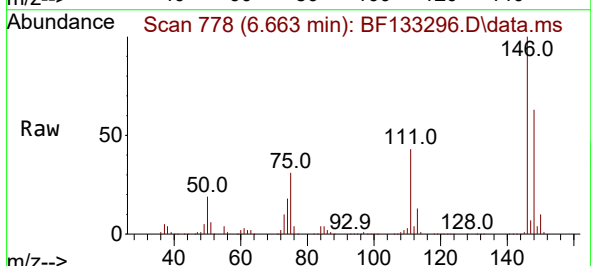
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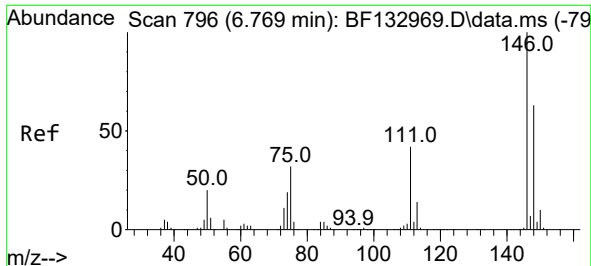
Supervised By :Jagrut
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#12
1,3-Dichlorobenzene
Concen: 46.264 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:146 Resp: 666244
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 30.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.218 ng

RT: 6.739 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

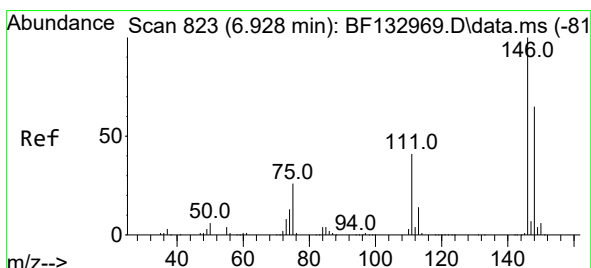
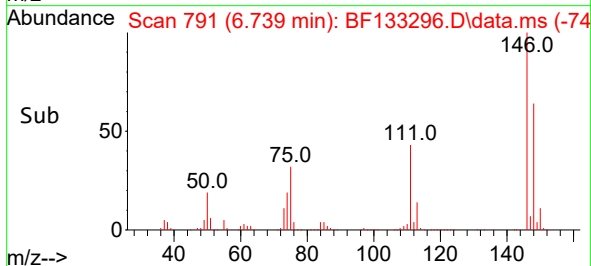
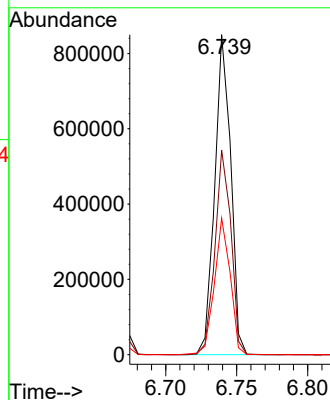
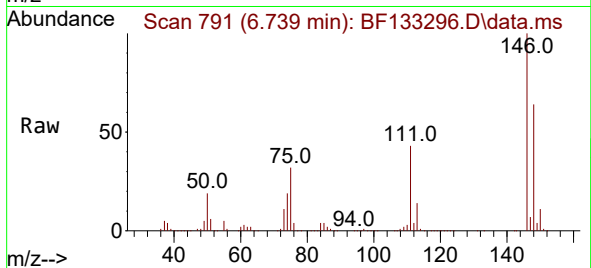
ClientSampleId :

Tgt Ion:146 Resp: 66705
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.3 75.5
 111 42.7 33.8 50.6

Manual Integrations
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 Supervised By :Jagrut Upadhyay 05/09/2023

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 Upadhyay
 05/09/2023



#14

1,2-Dichlorobenzene

Concen: 48.521 ng

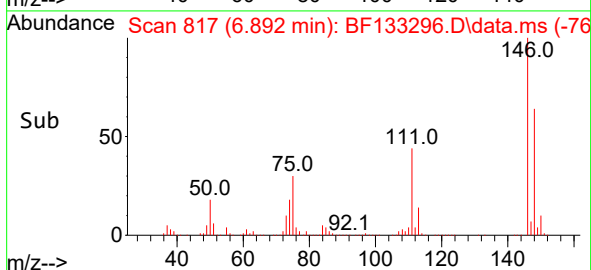
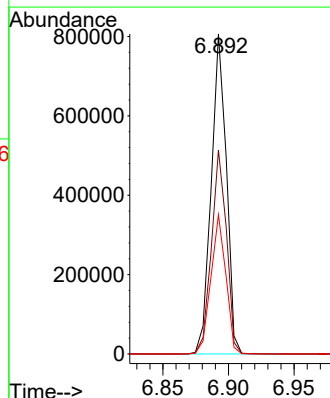
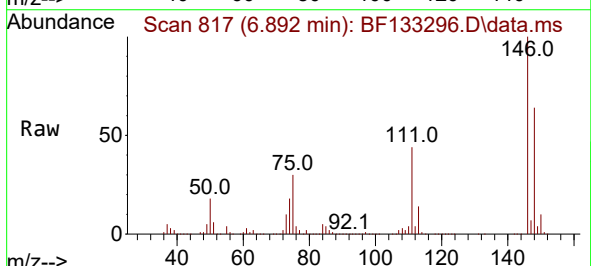
RT: 6.892 min Scan# 817

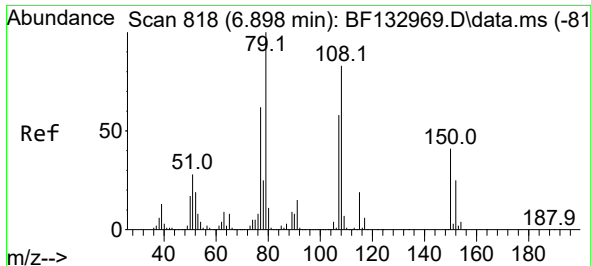
Delta R.T. -0.006 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

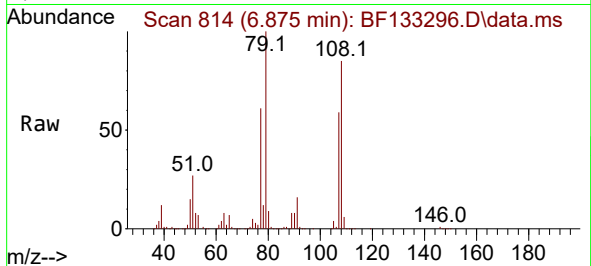
Tgt Ion:146 Resp: 645624
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 43.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.003 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

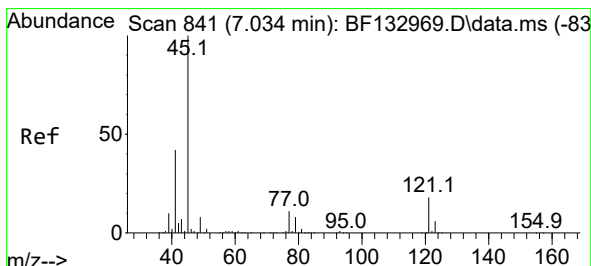
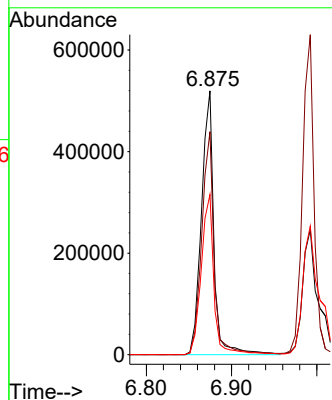


Tgt Ion: 79 Resp: 526178
Ion Ratio Lower Upper
79 100
108 84.5 66.6 99.8
77 60.7 49.2 73.8

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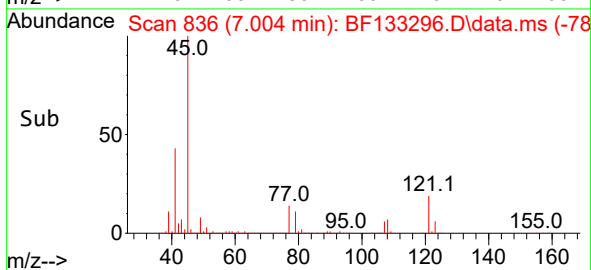
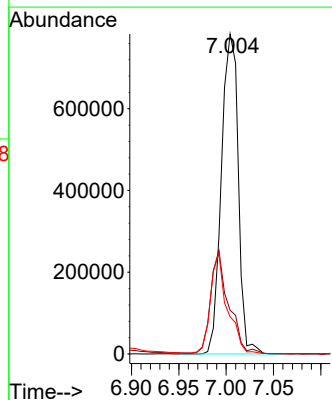
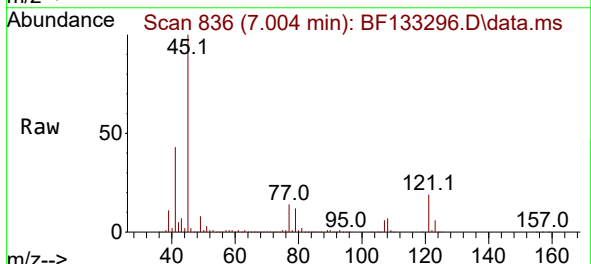
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

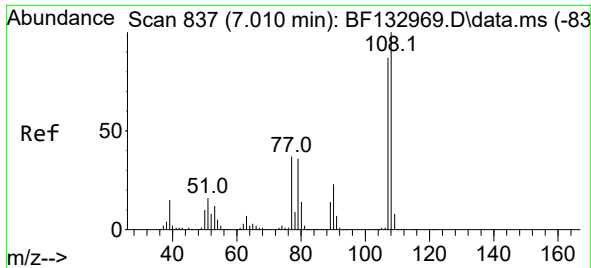
Supervised By :Jagrut
Upadhyay
05/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.795 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion: 45 Resp: 971272
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.5
79 11.6 0.0 28.7



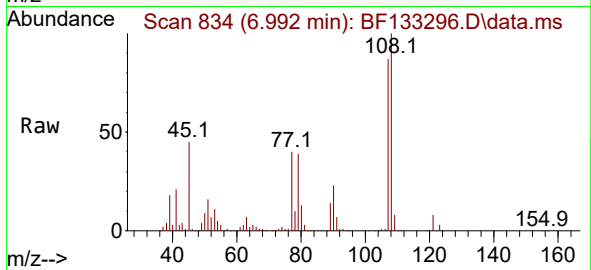


#17
2-Methylphenol
Concen: 41.882 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :

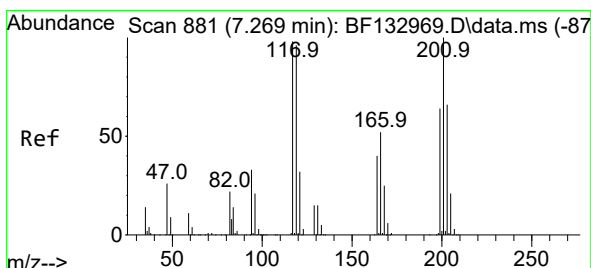
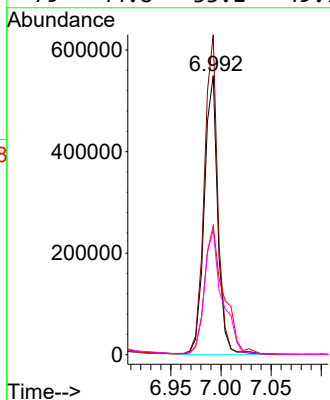
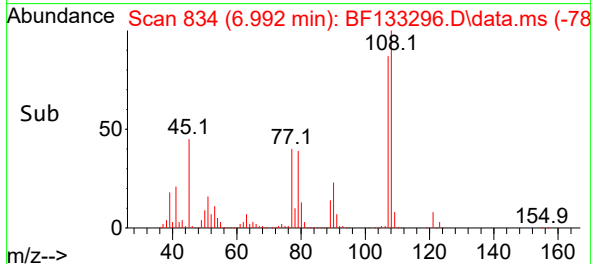


Tgt Ion:107 Resp: 51945
Ion Ratio Lower Upper
107 100
108 114.6 92.4 138.6
77 46.1 33.8 50.8
79 44.8 33.1 49.7

Manual Integrations
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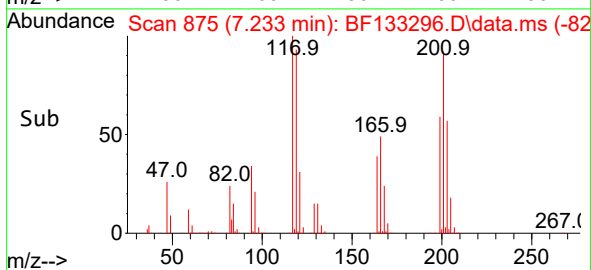
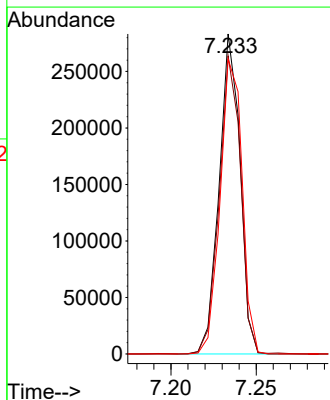
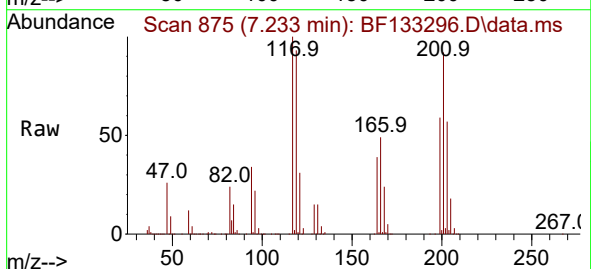
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

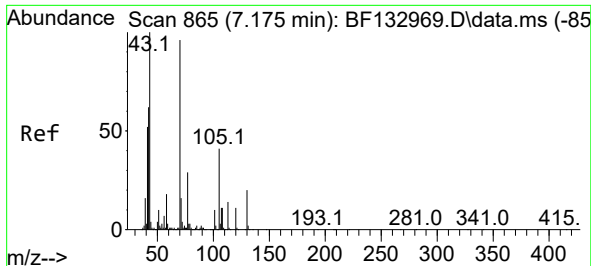
Supervised By :Jagrut
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#18
Hexachloroethane
Concen: 48.245 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:117 Resp: 242084
Ion Ratio Lower Upper
117 100
119 93.1 78.2 117.4
201 92.2 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.490 ng

RT: 7.145 min Scan# 80

Delta R.T. 0.000 min

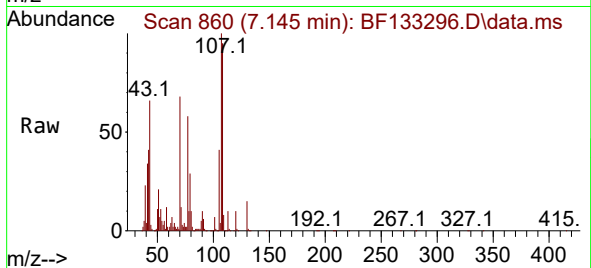
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 40708

Ion Ratio Lower Upper

70 100

42 60.0 51.8 77.6

101 9.8 8.0 12.0

130 21.7 16.8 25.2

Manual Integrations

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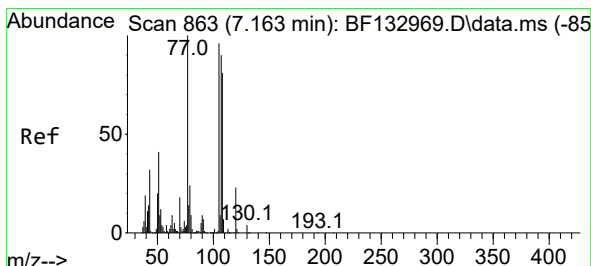
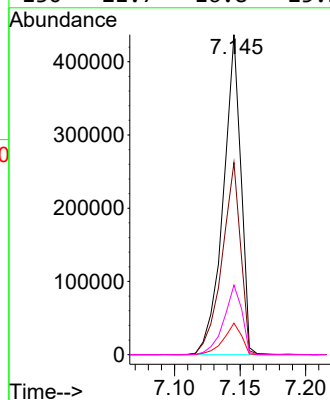
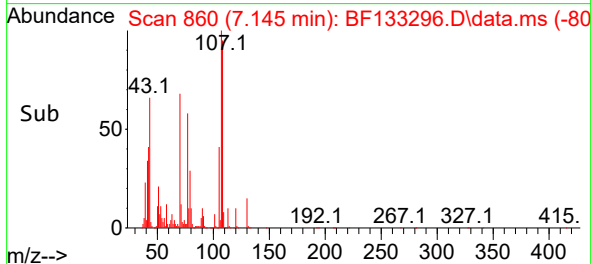
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#20

3+4-Methylphenols

Concen: 41.699 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

Tgt Ion:107 Resp: 609075

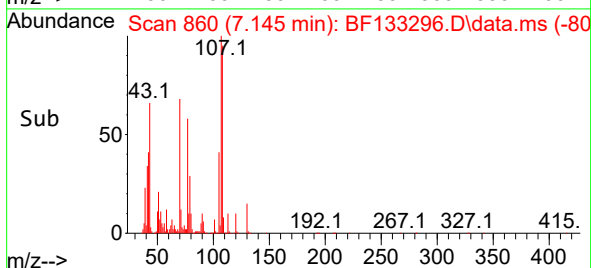
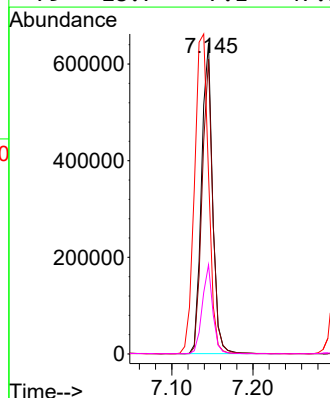
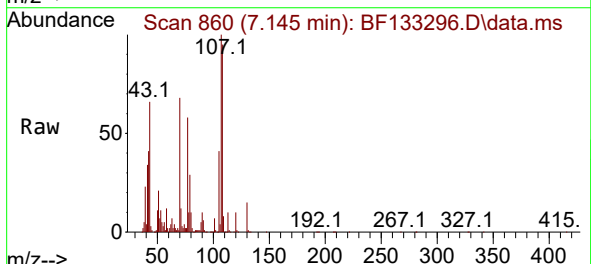
Ion Ratio Lower Upper

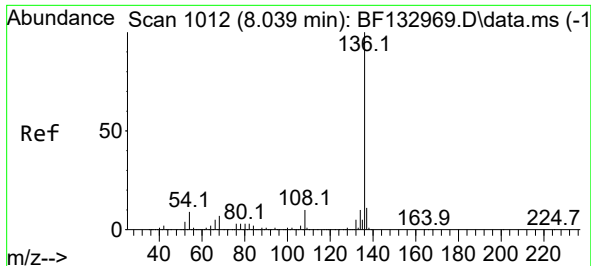
107 100

108 94.8 70.5 110.5

77 57.8 91.7 131.7#

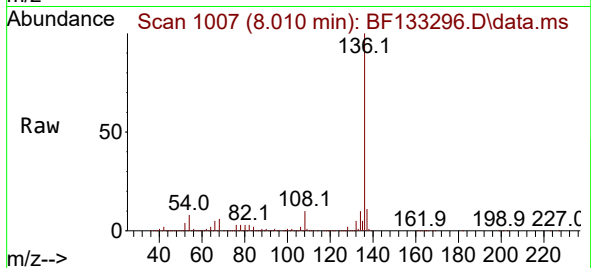
79 28.7 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

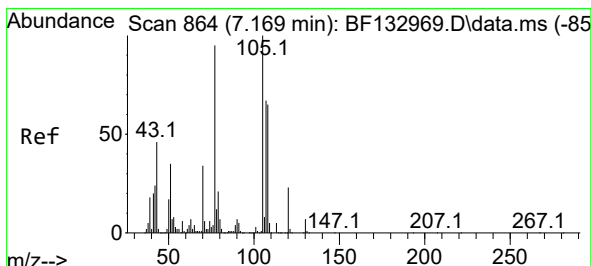
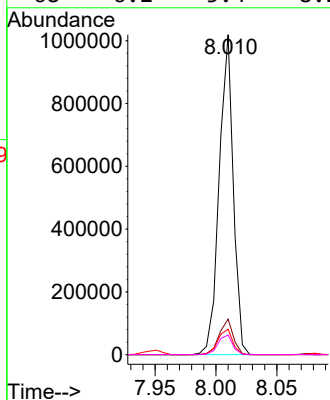
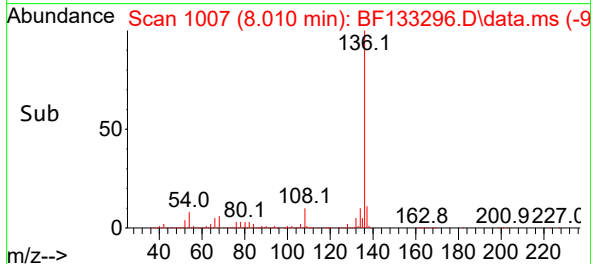


Tgt Ion:136 Resp: 82191
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.0 10.4
68 6.2 5.4 8.2

Manual Integrations
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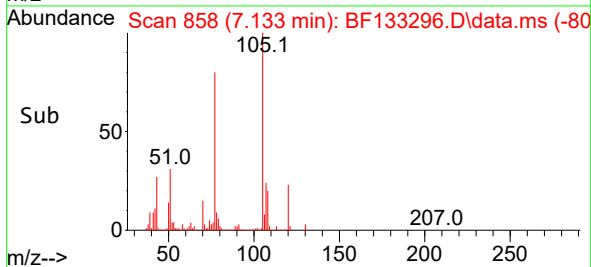
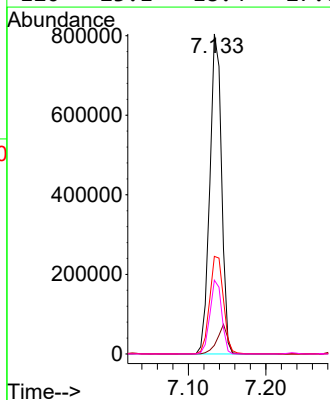
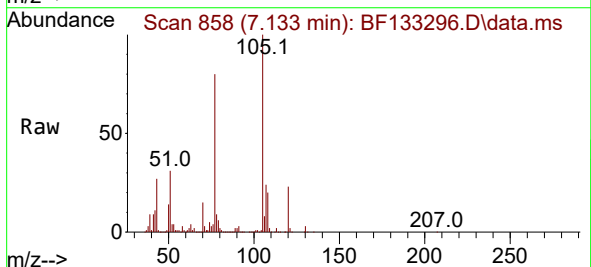
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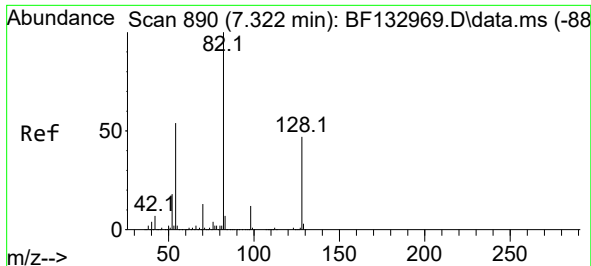
Supervised By :Jagrut
Upadhyay
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#22
Acetophenone
Concen: 44.477 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:105 Resp: 846816
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 30.5 28.2 42.2
120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 56.014 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

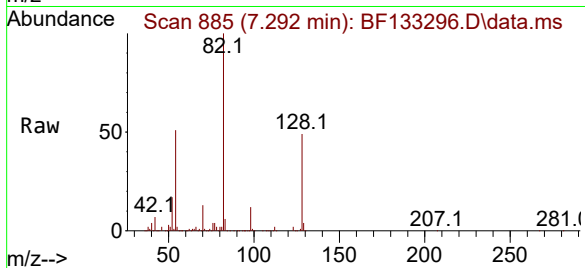
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :

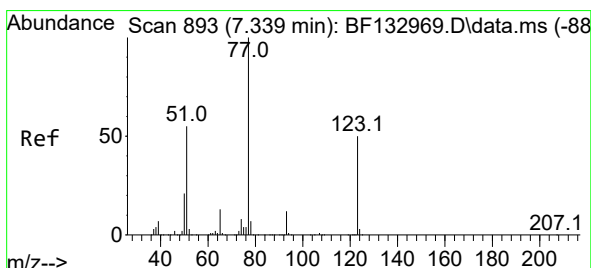
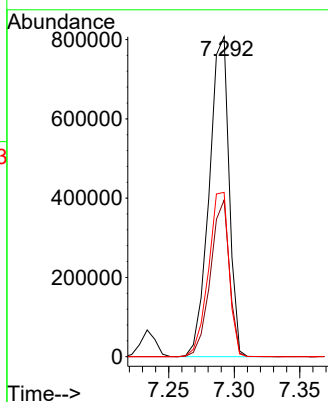
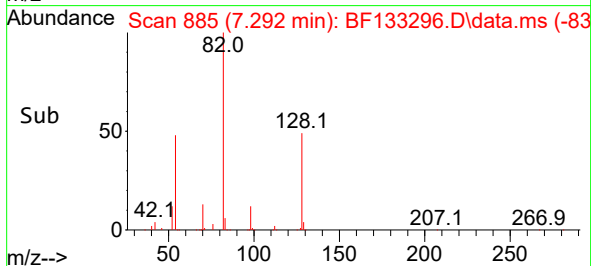


Tgt Ion:	82	Resp:	852930
Ion Ratio	Lower	Upper	
82	100		
128	48.9	37.7	56.5
54	51.3	43.0	64.4

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut
Upadhyay
05/09/2023



#24

Nitrobenzene

Concen: 41.758 ng

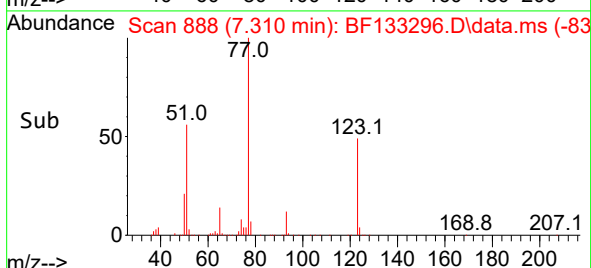
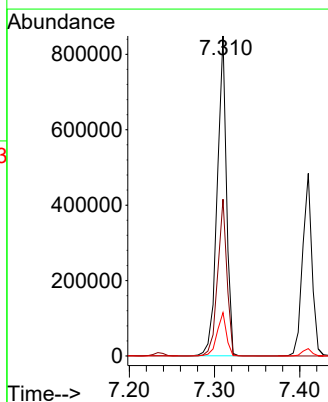
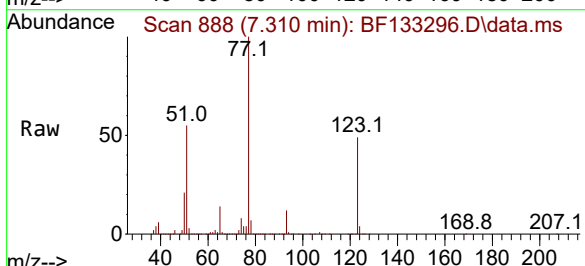
RT: 7.310 min Scan# 888

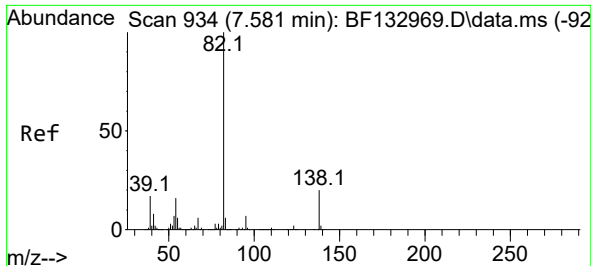
Delta R.T. -0.006 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

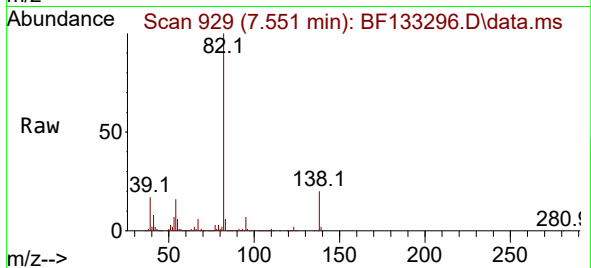
Tgt Ion:	77	Resp:	644328
Ion Ratio	Lower	Upper	
77	100		
123	49.0	39.9	59.9
65	13.6	10.7	16.1





#25
Isophorone
Concen: 41.645 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

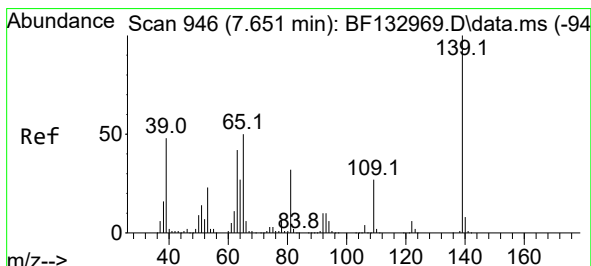
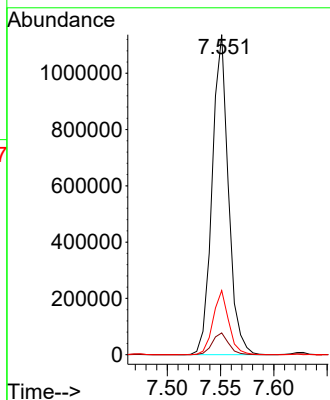
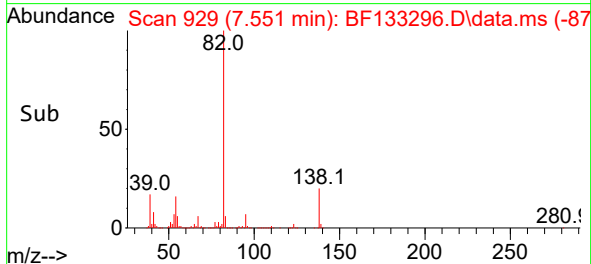


Tgt Ion: 82 Resp: 1204000
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.0 16.0 24.0

Manual Integrations
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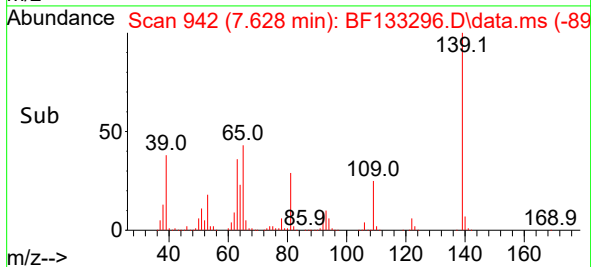
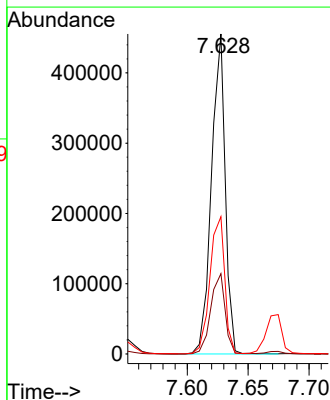
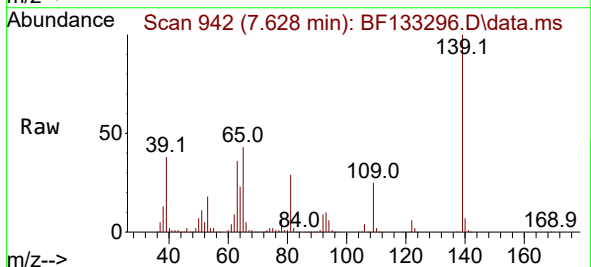
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

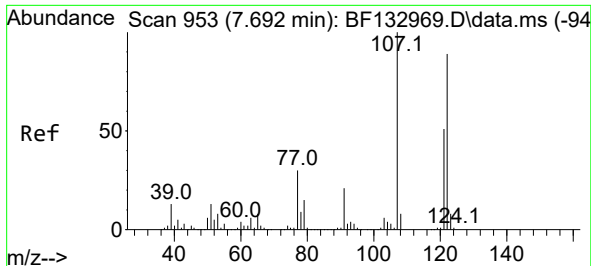
Supervised By :Jagrut
Upadhyay
05/09/2023



#26
2-Nitrophenol
Concen: 47.892 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:139 Resp: 356432
Ion Ratio Lower Upper
139 100
109 25.1 21.6 32.4
65 42.9 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.868 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

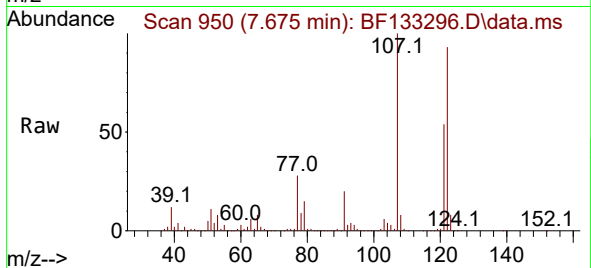
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:122 Resp: 572590

Ion Ratio Lower Upper

122 100

107 107.9 89.7 134.5

121 58.0 46.0 69.0

Manual Integrations

APPROVED

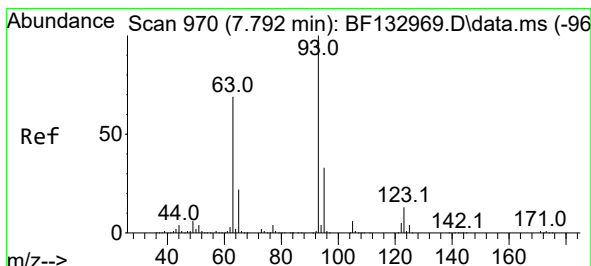
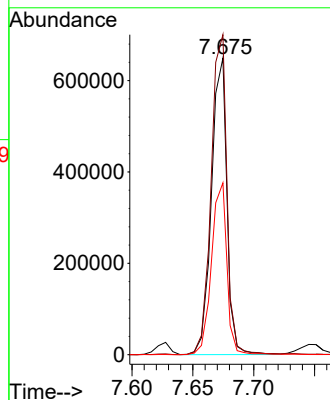
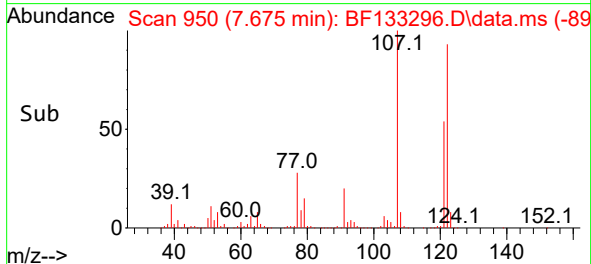
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.929 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

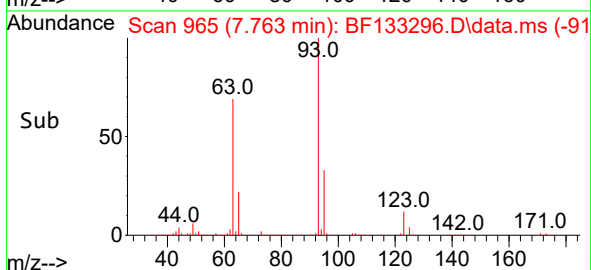
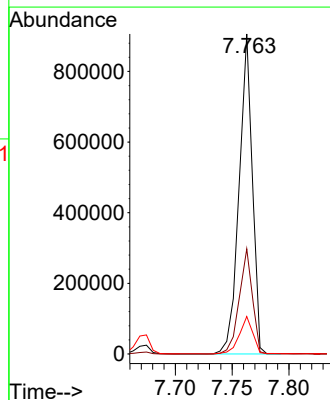
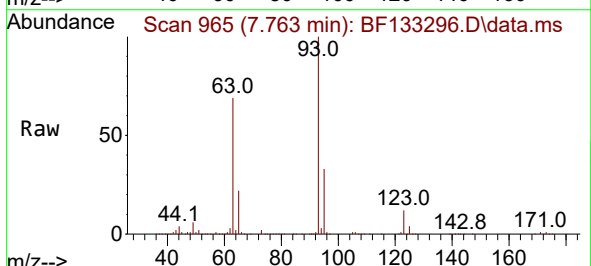
Tgt Ion: 93 Resp: 734246

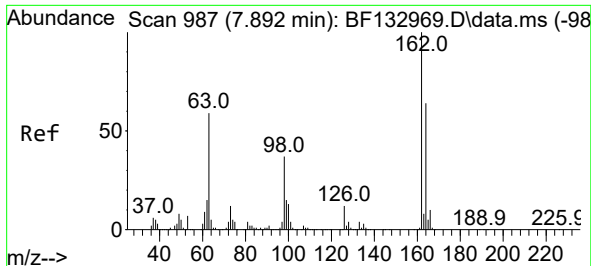
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 11.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.653 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

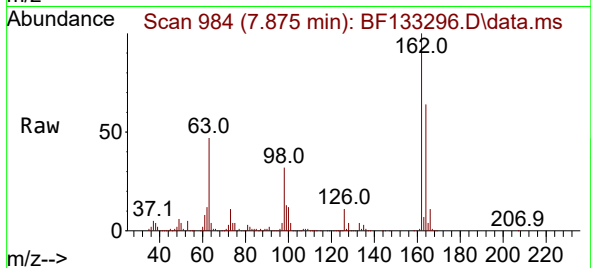
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	162	Resp:	51875
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.9	83.9
98	32.2	17.0	57.0

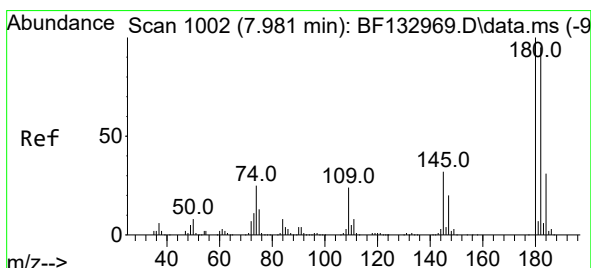
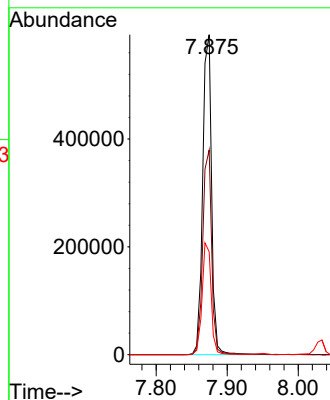
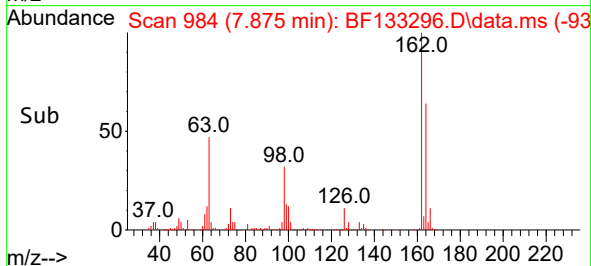
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut
Upadhyay
05/09/2023



#30

1,2,4-Trichlorobenzene

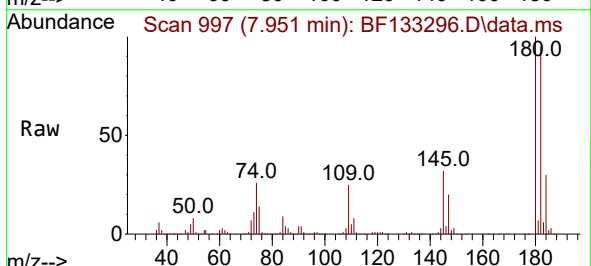
Concen: 45.496 ng

RT: 7.951 min Scan# 997

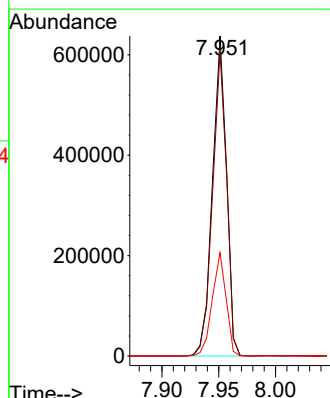
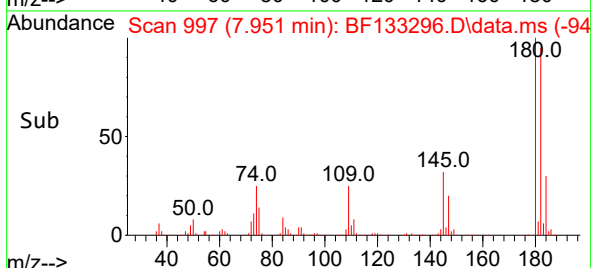
Delta R.T. 0.000 min

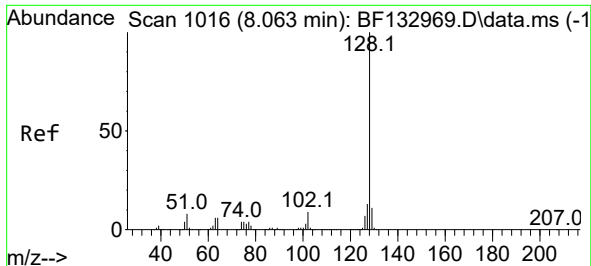
Lab File: BF133296.D

Acq: 08 May 2023 15:53



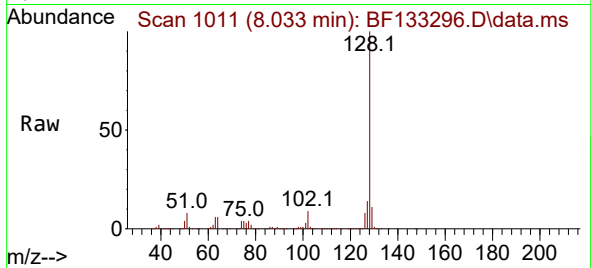
Tgt Ion:	180	Resp:	547570
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.9	113.9
145	32.3	25.3	37.9





#31
Naphthalene
Concen: 42.686 ng
RT: 8.033 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

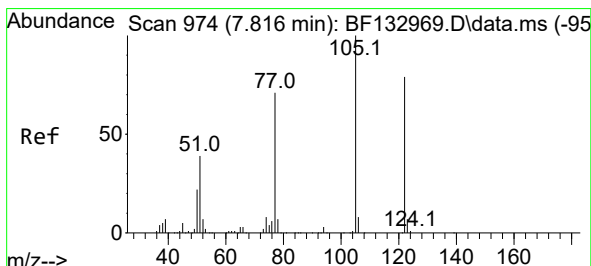
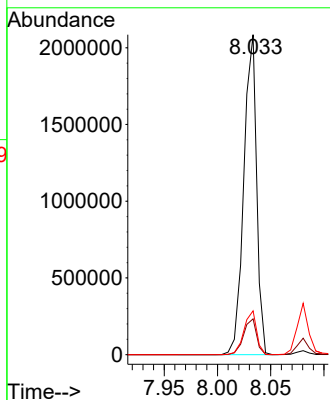
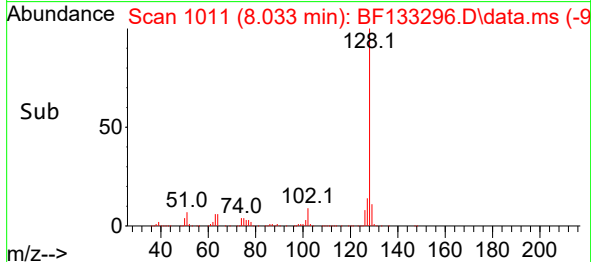


Tgt Ion:128 Resp: 1754109
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.7 16.1

Manual Integrations
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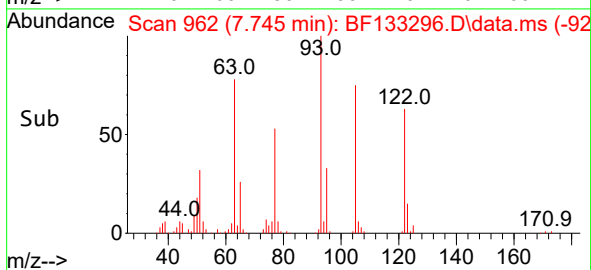
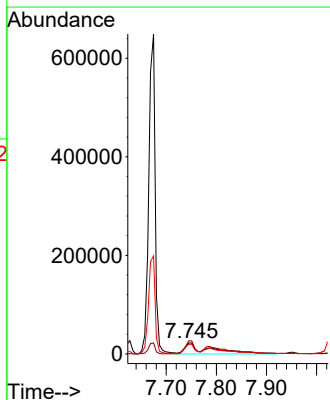
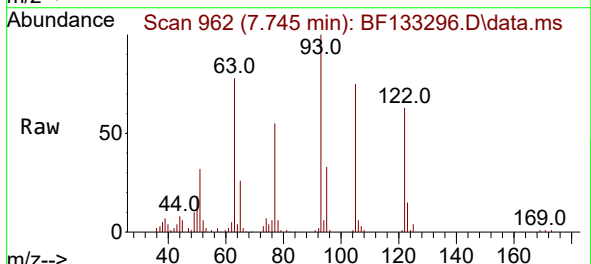
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

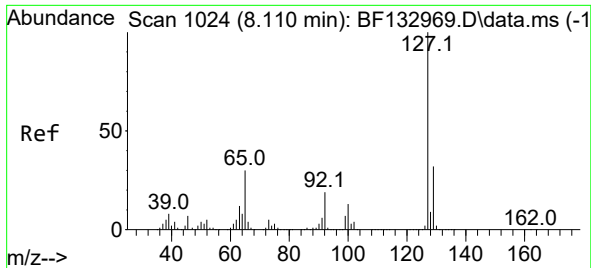
Supervised By :Jagrut
Upadhyay
05/09/2023



#32
Benzoic acid
Concen: 9.690 ng m
RT: 7.745 min Scan# 962
Delta R.T. -0.059 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:122 Resp: 76382
Ion Ratio Lower Upper
122 100
105 119.6 104.2 144.2
77 87.8 69.7 109.7



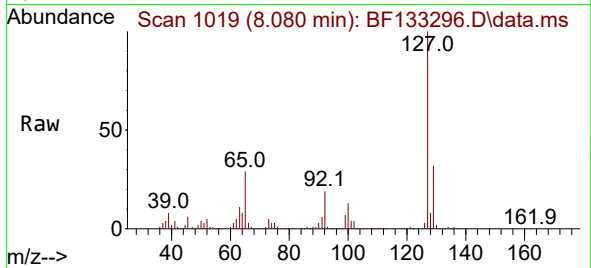


#33
4-Chloroaniline
Concen: 15.519 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :

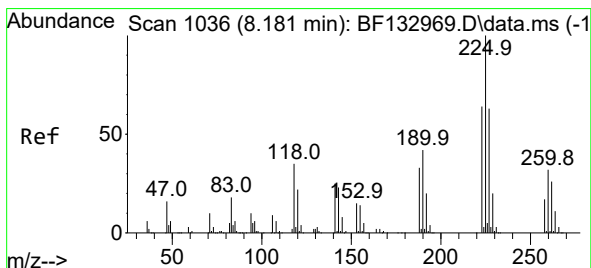
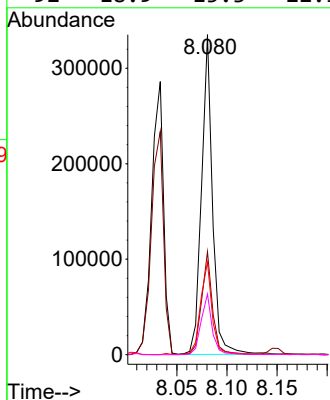
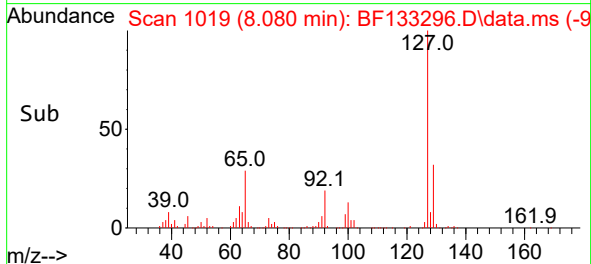


Tgt Ion:127 Resp: 257660
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 29.0 23.6 35.4
92 18.9 15.3 22.9

Manual Integrations
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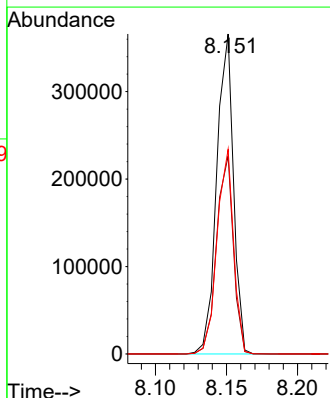
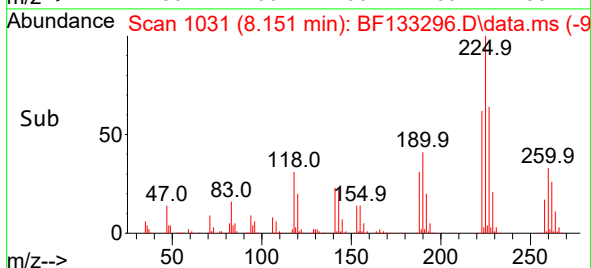
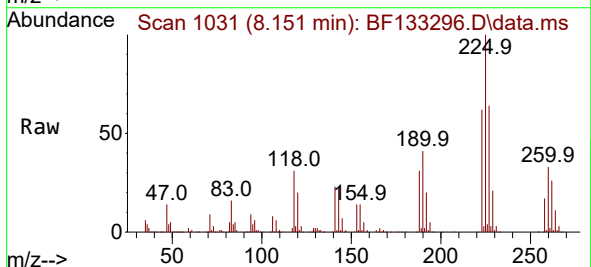
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

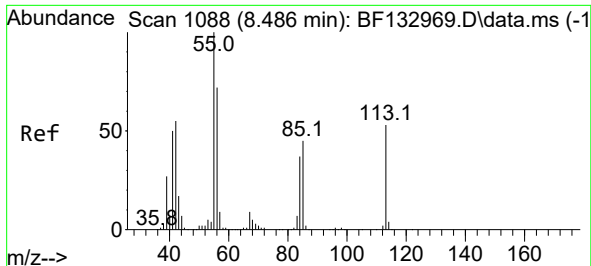
Supervised By :Jagrut
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#34
Hexachlorobutadiene
Concen: 44.767 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

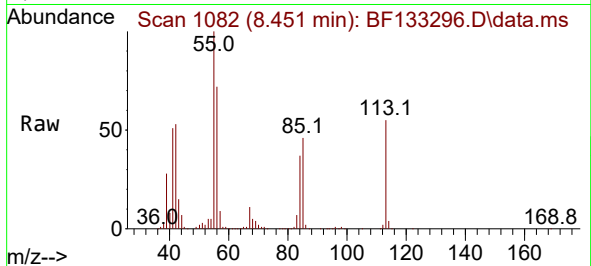
Tgt Ion:225 Resp: 298630
Ion Ratio Lower Upper
225 100
223 61.9 50.9 76.3
227 63.9 50.3 75.5





#35
Caprolactam
Concen: 43.686 ng m
RT: 8.451 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

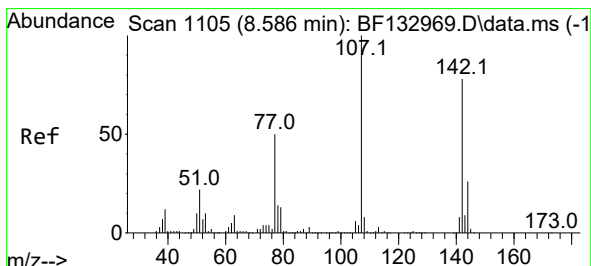
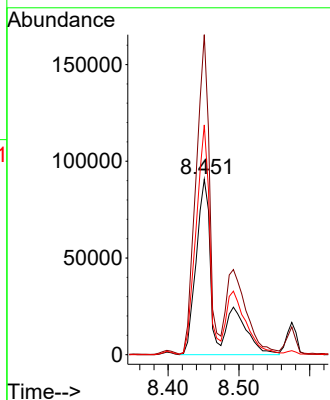
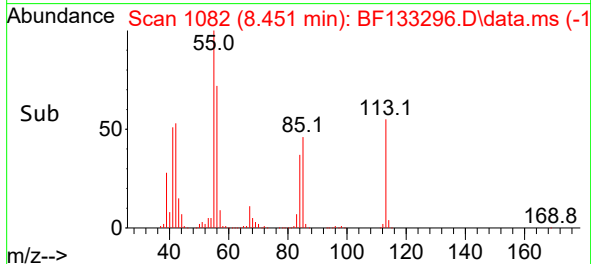


Tgt Ion:113 Resp: 170490
Ion Ratio Lower Upper
113 100
55 182.4 167.1 207.1
56 130.9 114.5 154.5

Manual Integrations
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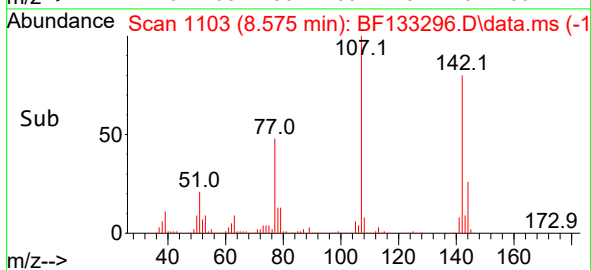
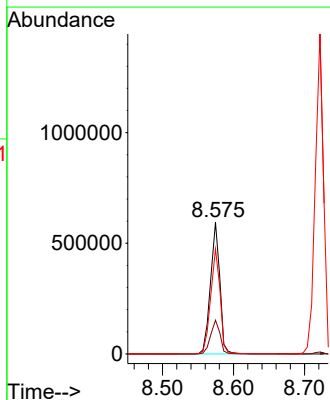
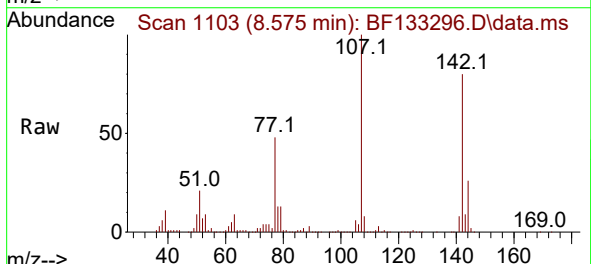
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

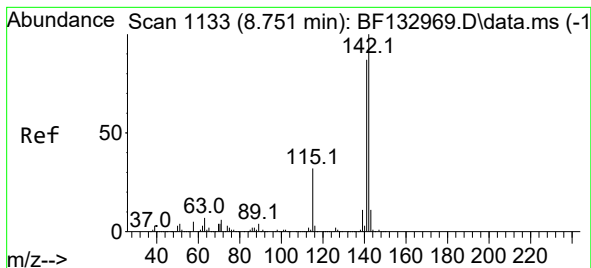
Supervised By :Jagrut
Upadhyay
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#36
4-Chloro-3-methylphenol
Concen: 43.730 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

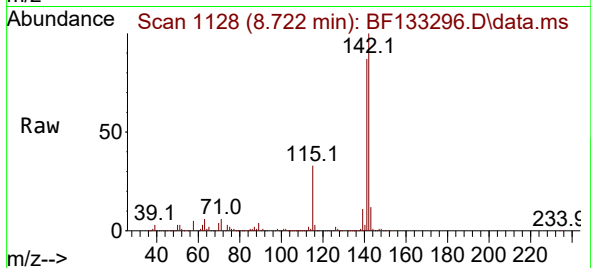
Tgt Ion:107 Resp: 547850
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 79.6 62.8 94.2





#37
2-Methylnaphthalene
Concen: 41.442 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

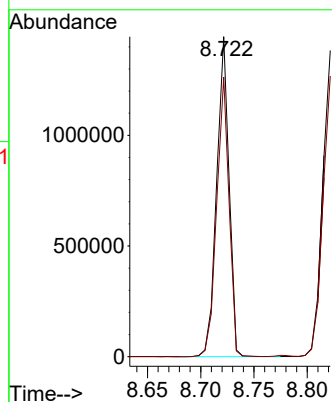
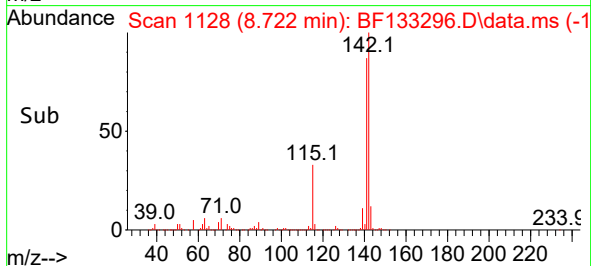
Instrument :
BNA_F
ClientSampleId :



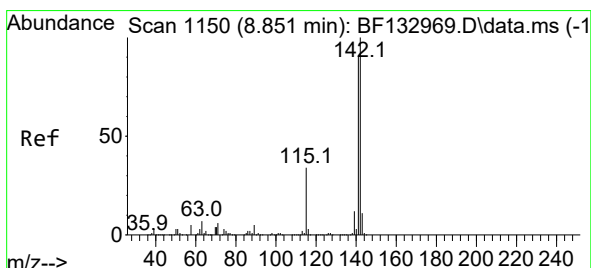
Tgt Ion:142 Resp: 1164279
Ion Ratio Lower Upper
142 100
141 87.4 69.4 104.0

Manual Integrations
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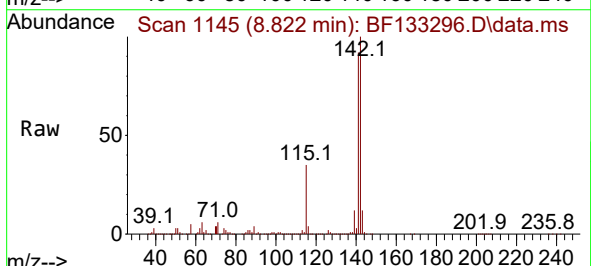
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



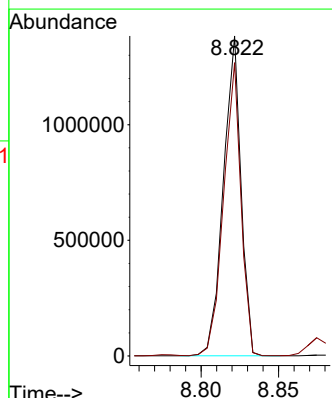
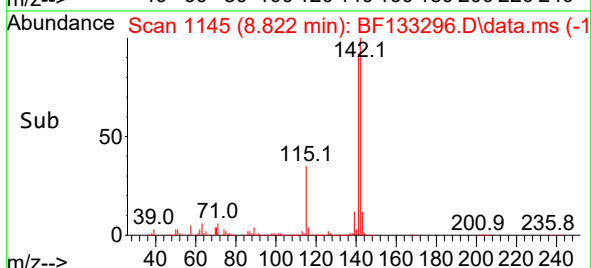
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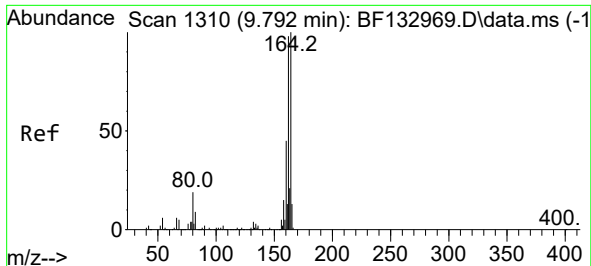


#38
1-Methylnaphthalene
Concen: 41.553 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



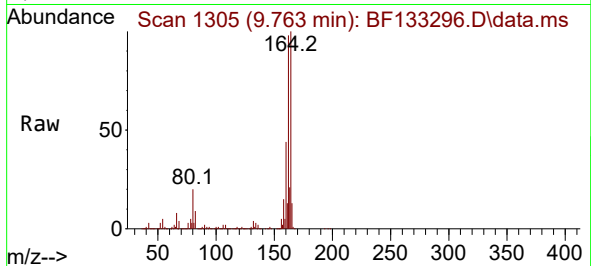
Tgt Ion:142 Resp: 1092081
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

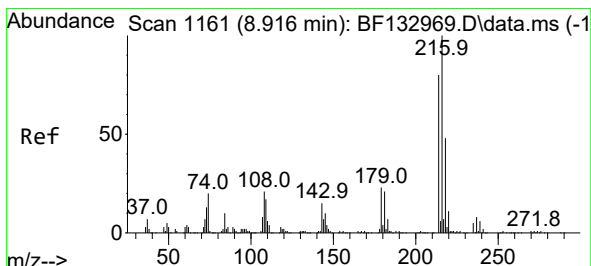
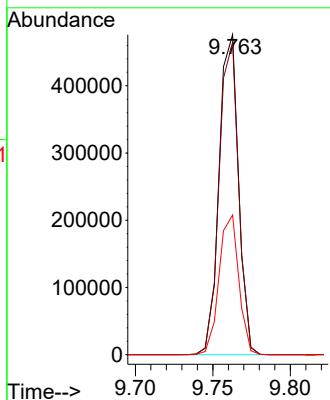
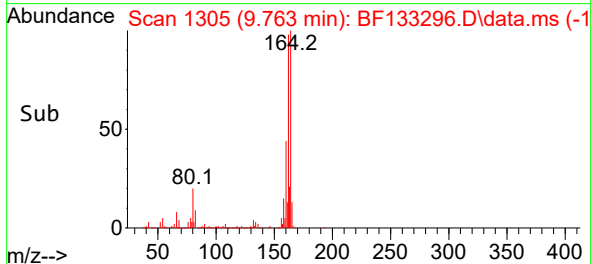


Tgt Ion:164 Resp: 415390
Ion Ratio Lower Upper
164 100
162 97.7 78.7 118.1
160 43.7 35.8 53.6

Manual Integrations
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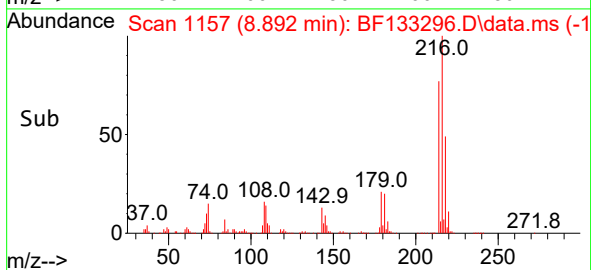
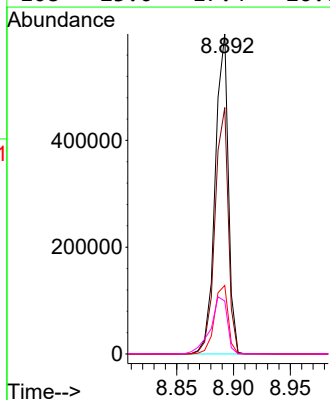
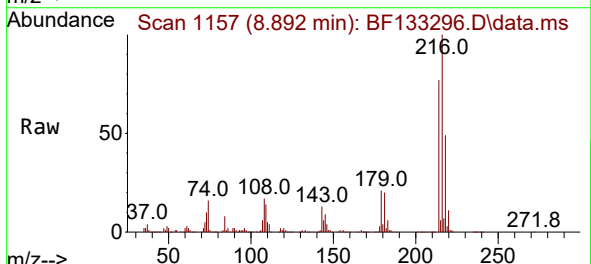
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

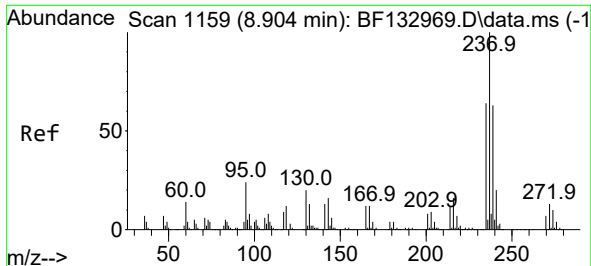
Supervised By :Jagrut
Upadhyay
05/09/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.052 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

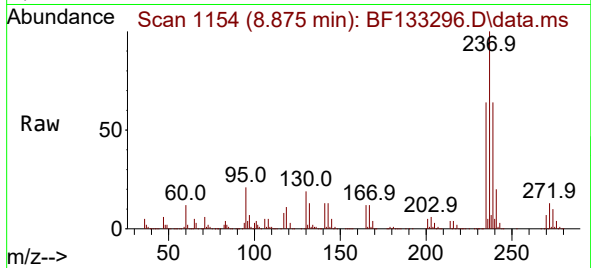
Tgt Ion:216 Resp: 480838
Ion Ratio Lower Upper
216 100
214 78.1 63.5 95.3
179 22.5 17.4 26.2
108 23.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 84.289 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

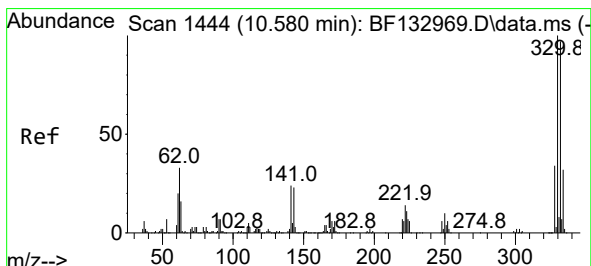
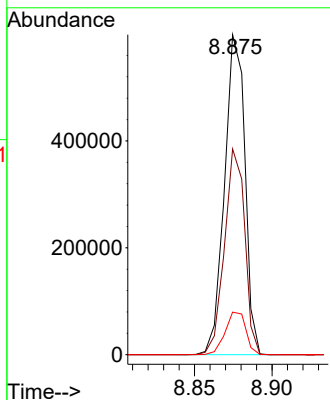
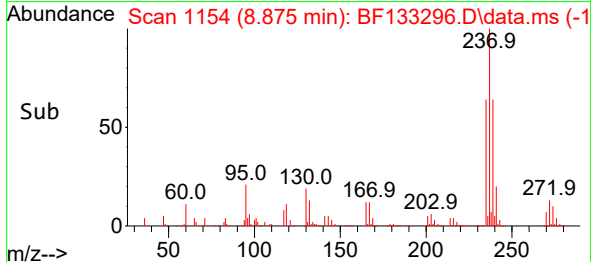


Tgt Ion: 237 Resp: 549035
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.3 0.0 32.7

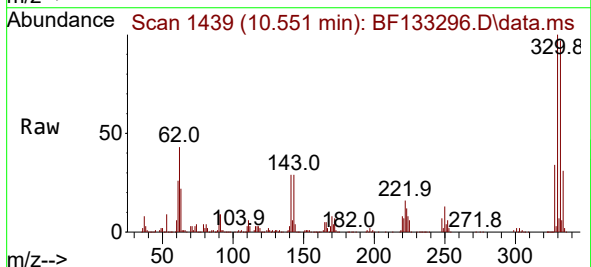
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/09/2023
Supervised By : Jagrut Upadhyay 05/09/2023

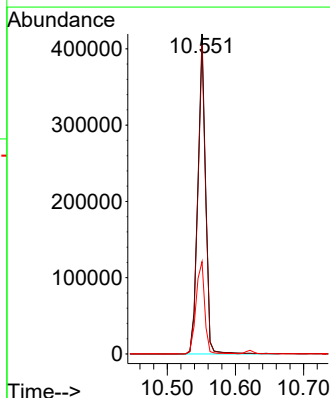
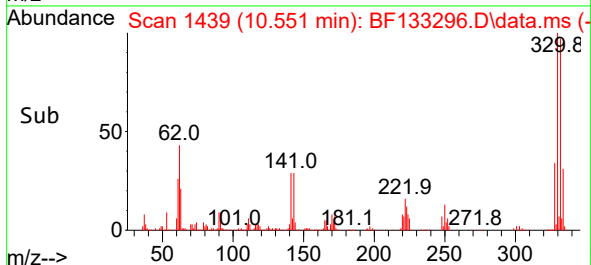
Supervised By : Jagrut
Upadhyay
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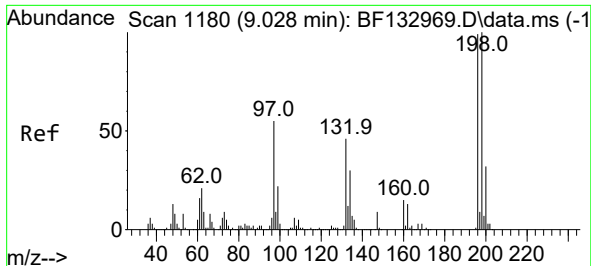


#42
2,4,6-Tribromophenol
Concen: 79.188 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



Tgt Ion: 330 Resp: 330816
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.265 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

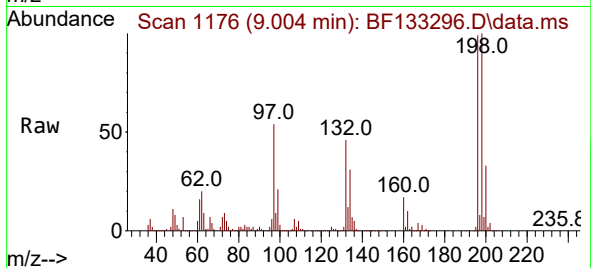
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:196 Resp: 334170

Ion Ratio Lower Upper

196 100

198 100.7 81.0 121.6

200 32.8 26.1 39.1

Manual Integrations

APPROVED

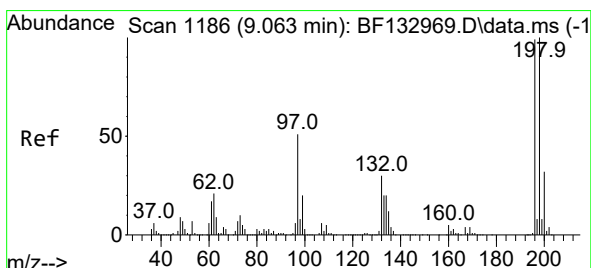
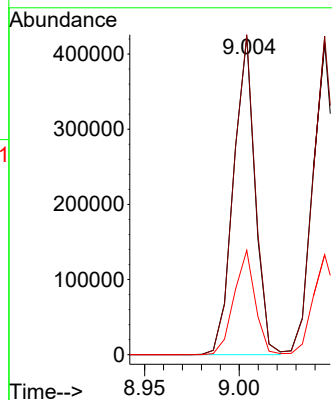
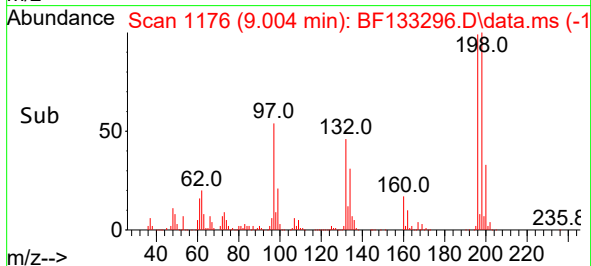
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#44

2,4,5-Trichlorophenol

Concen: 40.178 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

Tgt Ion:196 Resp: 358915

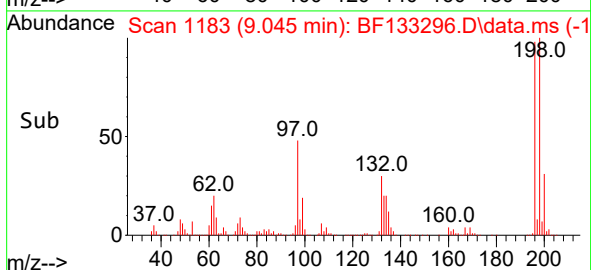
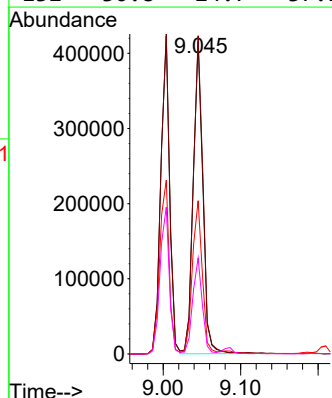
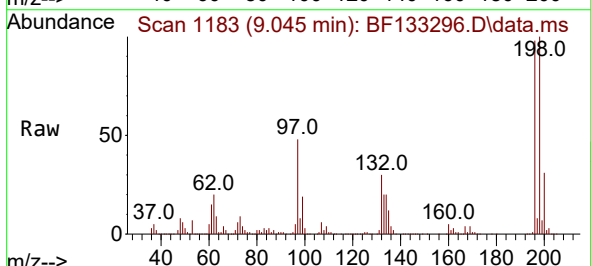
Ion Ratio Lower Upper

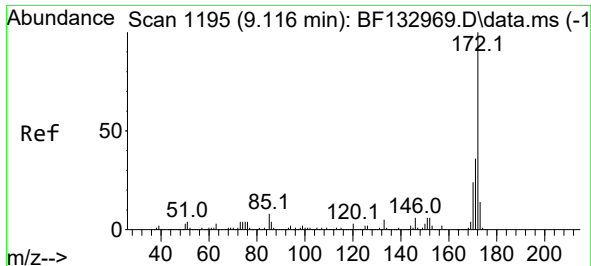
196 100

198 102.1 80.9 121.3

97 49.2 41.3 61.9

132 30.8 24.7 37.1



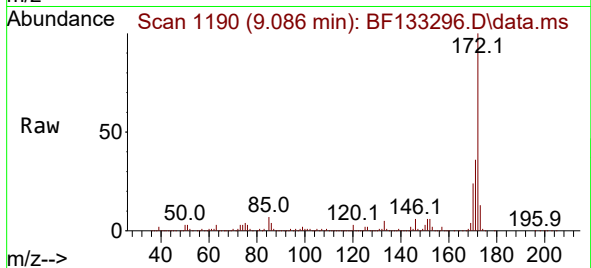


#45
2-Fluorobiphenyl
Concen: 58.179 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



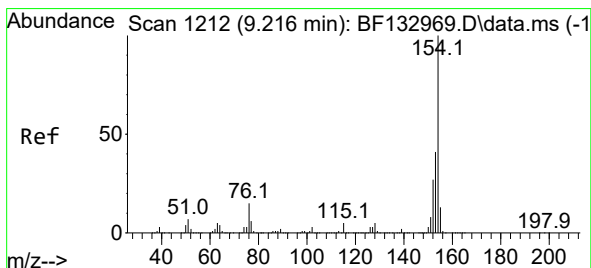
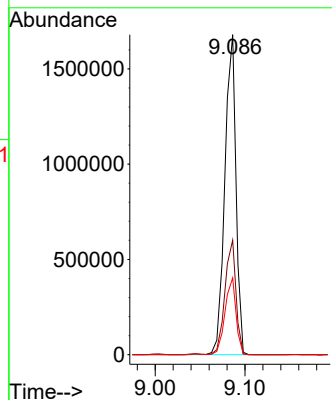
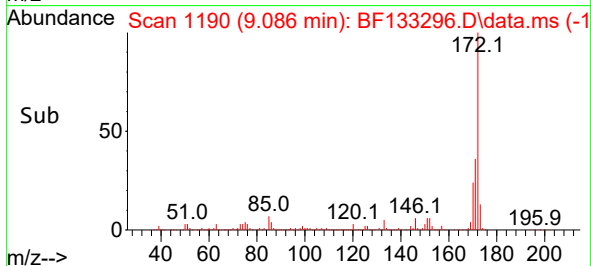
Tgt Ion:172 Resp: 144454
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.0 19.4 29.2

Manual Integrations

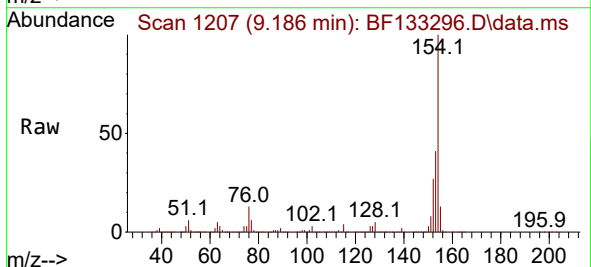
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

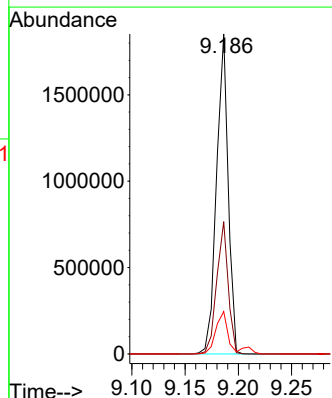
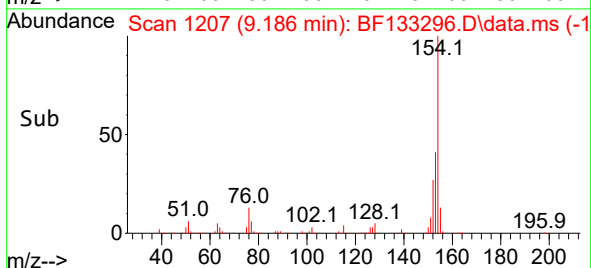
Supervised By :Jagrut
Upadhyay
05/09/2023

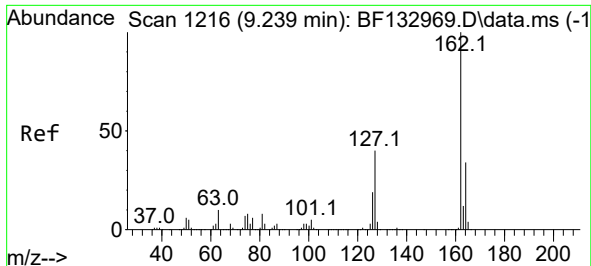


#46
1,1'-Biphenyl
Concen: 42.727 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



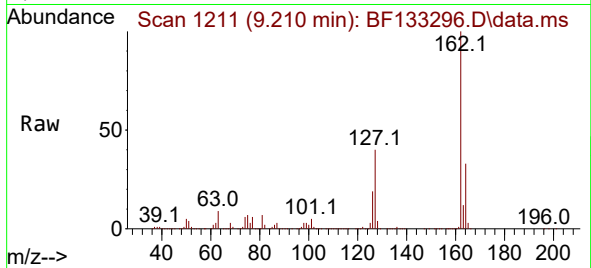
Tgt Ion:154 Resp: 1407400
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 13.3 0.0 34.5





#47
2-Chloronaphthalene
Concen: 44.437 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

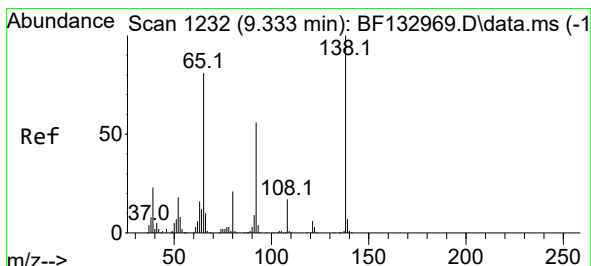
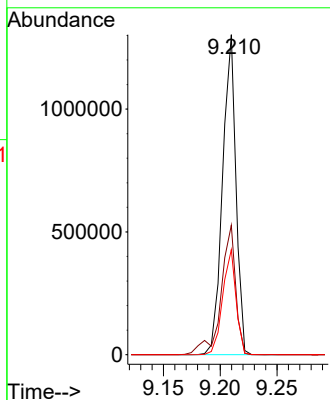
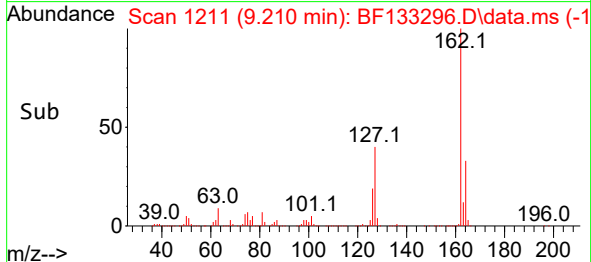


Tgt Ion:162 Resp: 1071349
Ion Ratio Lower Upper
162 100
127 40.5 32.3 48.5
164 32.8 26.8 40.2

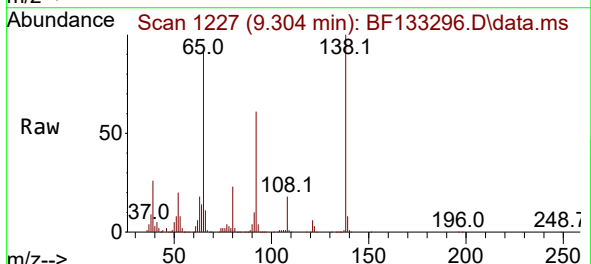
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

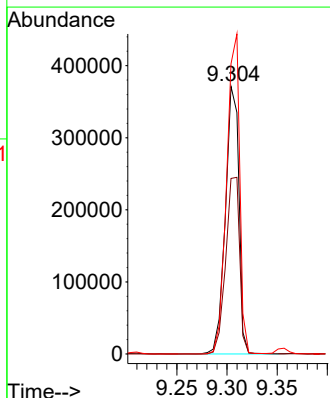
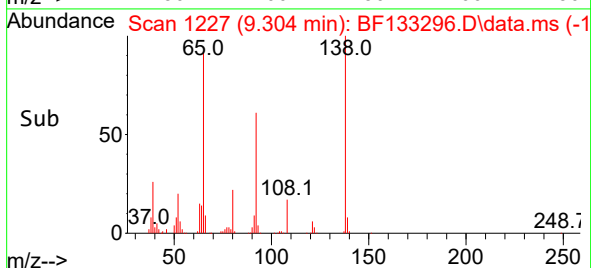
Supervised By :Jagrut
Upadhyay
05/09/2023

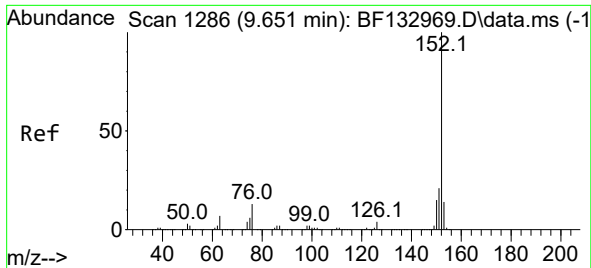


#48
2-Nitroaniline
Concen: 43.505 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



Tgt Ion: 65 Resp: 346649
Ion Ratio Lower Upper
65 100
92 65.6 55.4 83.0
138 108.4 98.2 147.2



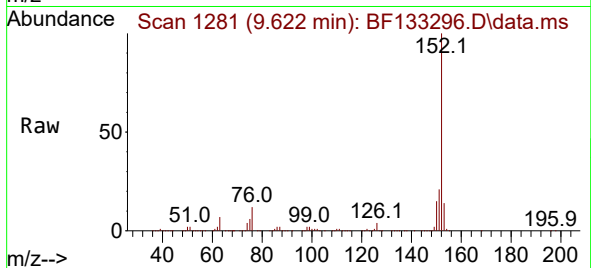


#49
Acenaphthylene
Concen: 42.809 ng
RT: 9.622 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



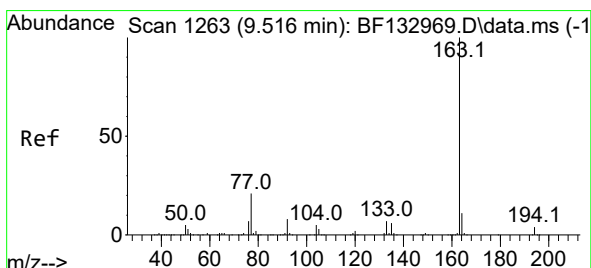
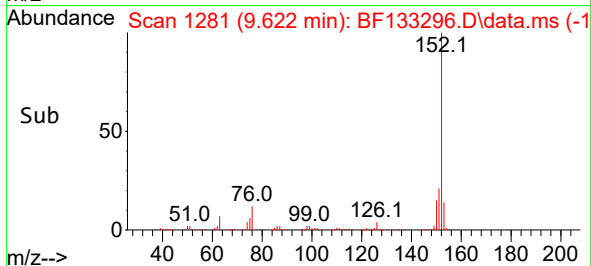
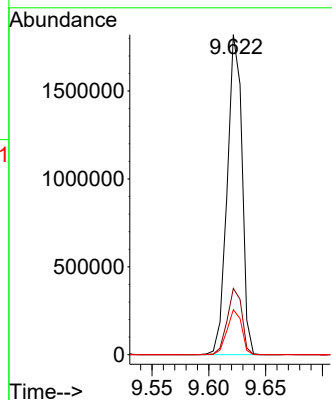
Tgt Ion:152 Resp: 164913
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.0 11.5 17.3

Manual Integrations

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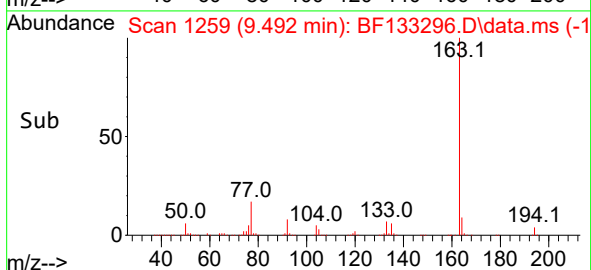
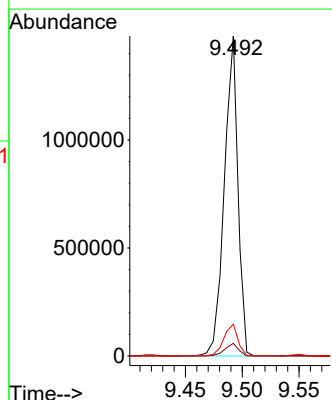
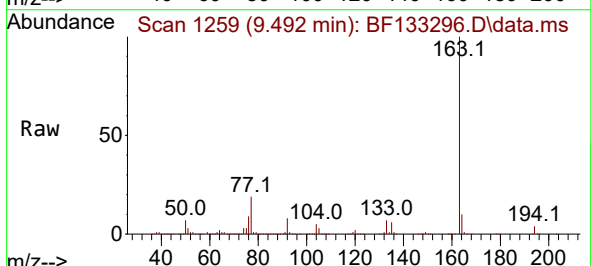
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

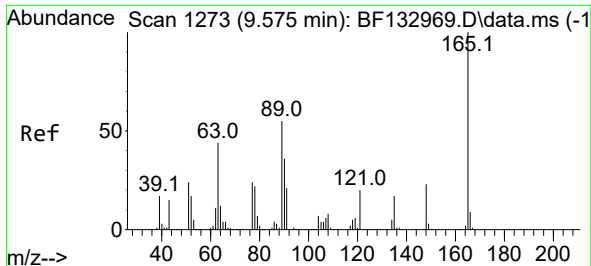
Supervised By :Jagrut
Upadhyay
05/09/2023



#50
Dimethylphthalate
Concen: 42.686 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:163 Resp: 1236389
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.5 12.7



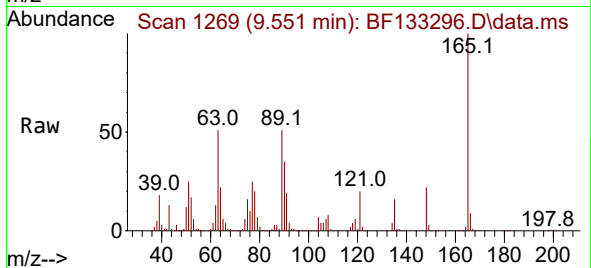


#51
2,6-Dinitrotoluene
Concen: 43.506 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :

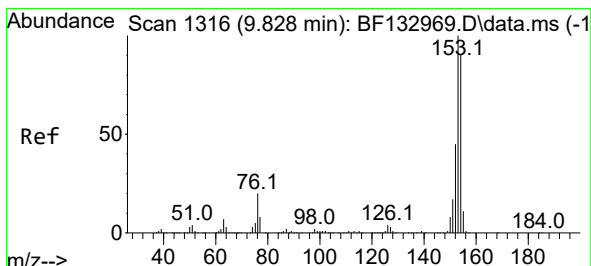
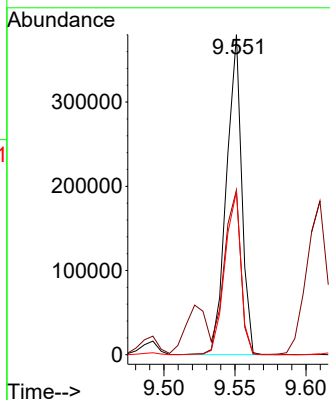
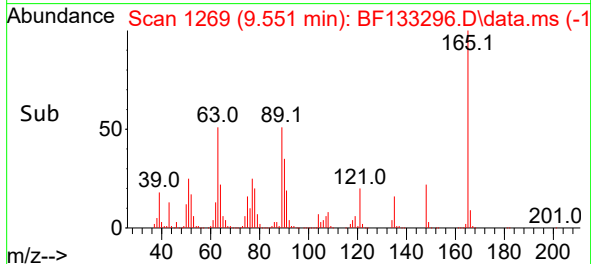


Tgt Ion:165 Resp: 28362
Ion Ratio Lower Upper
165 100
63 51.4 45.9 68.9
89 51.1 44.0 66.0

Manual Integrations
APPROVED

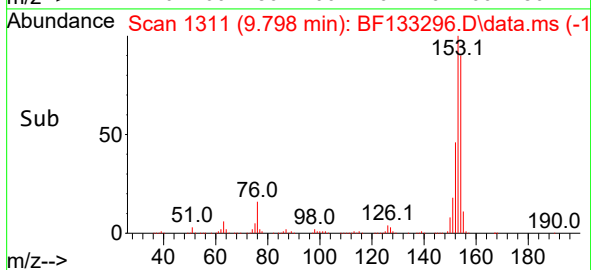
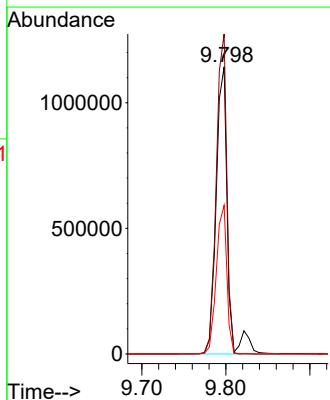
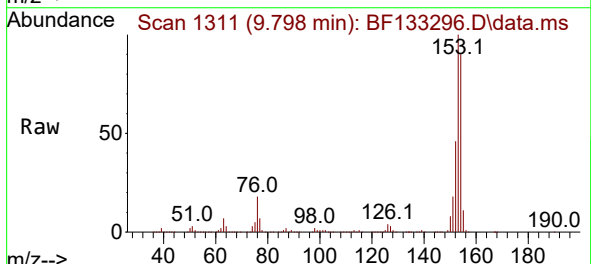
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

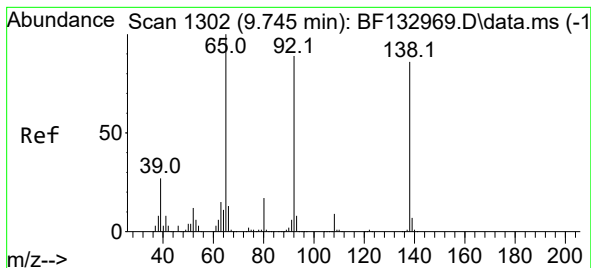
Supervised By :Jagrut
Upadhyay
05/09/2023



#52
Acenaphthene
Concen: 42.158 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

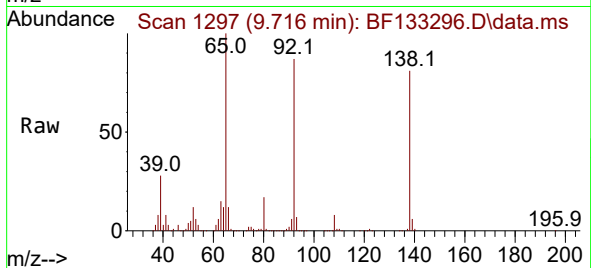
Tgt Ion:154 Resp: 1087707
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 51.7 40.4 60.6





#53
3-Nitroaniline
Concen: 26.762 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

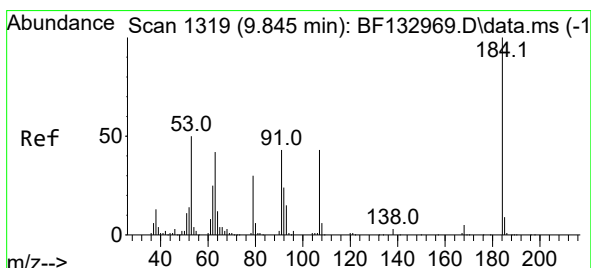
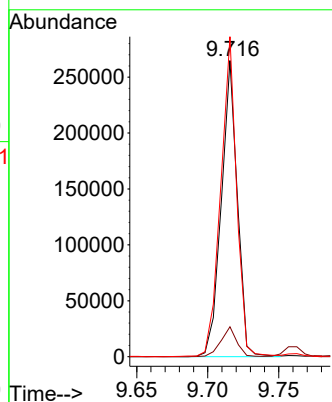
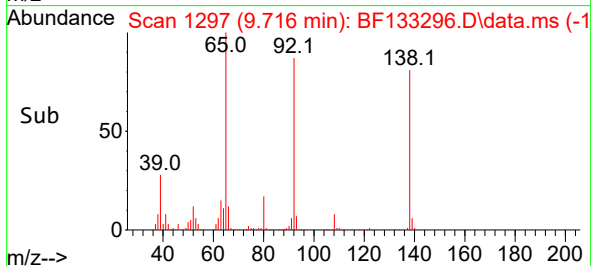


Tgt Ion:138 Resp: 207440
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 108.0 83.6 125.4

Manual Integrations
APPROVED

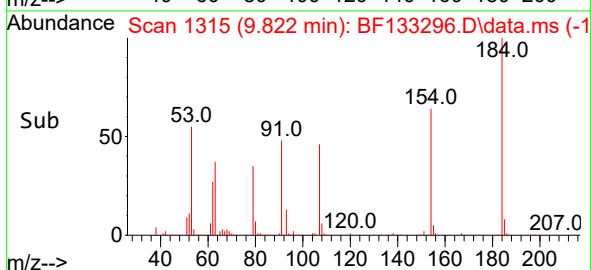
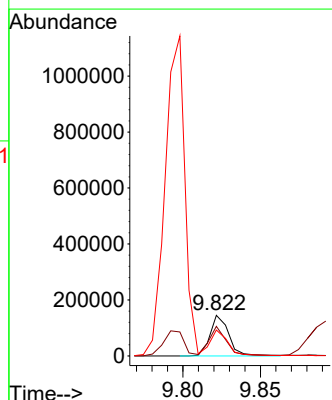
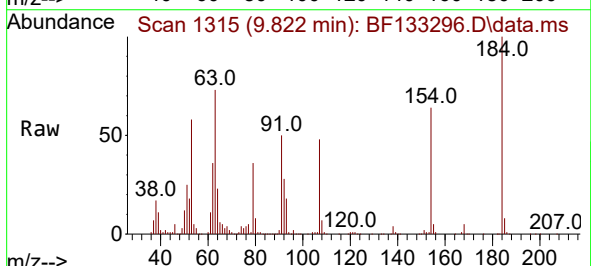
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

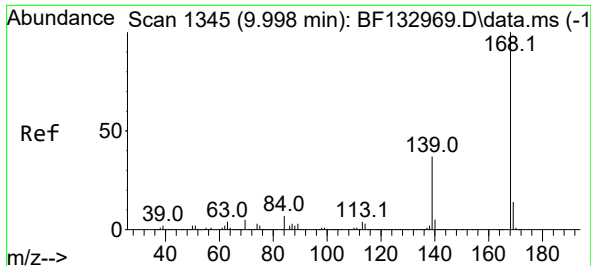
Supervised By :Jagrut
Upadhyay
05/09/2023



#54
2,4-Dinitrophenol
Concen: 37.490 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:184 Resp: 122851
Ion Ratio Lower Upper
184 100
63 72.8 49.8 74.8
154 63.7 49.5 74.3





#55

Dibenzofuran

Concen: 41.185 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.000 min

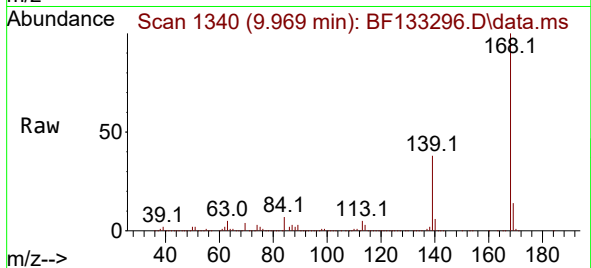
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:168 Resp: 144948

Ion Ratio Lower Upper

168 100

139 37.9 29.8 44.8

169 13.7 10.8 16.2

Manual Integrations

APPROVED

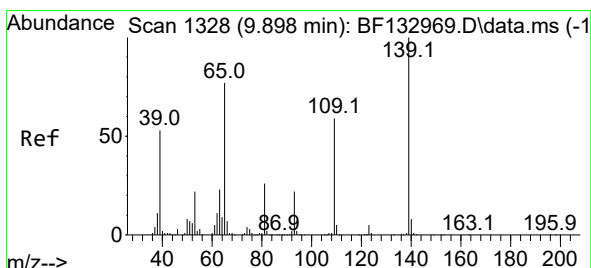
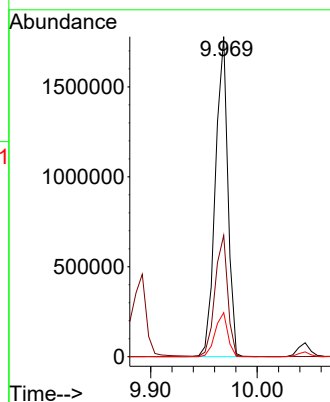
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#56

4-Nitrophenol

Concen: 72.815 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

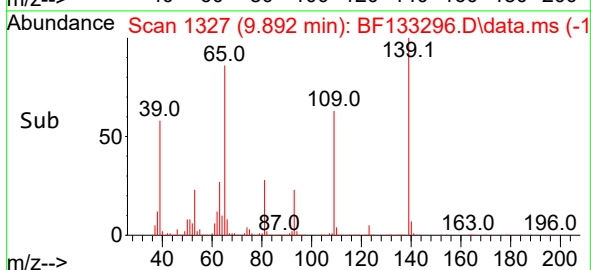
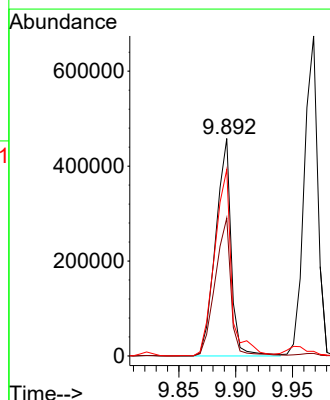
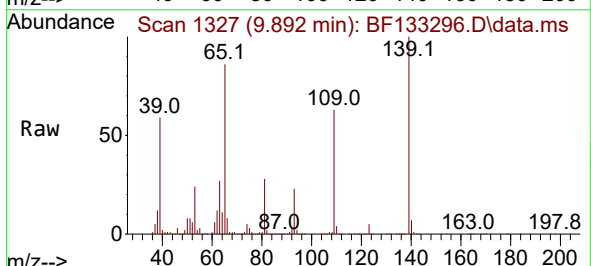
Tgt Ion:139 Resp: 437160

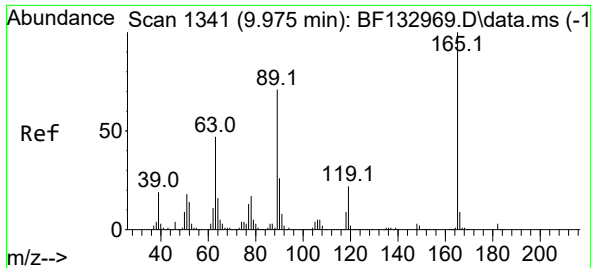
Ion Ratio Lower Upper

139 100

109 63.4 39.4 79.4

65 85.7 57.5 97.5



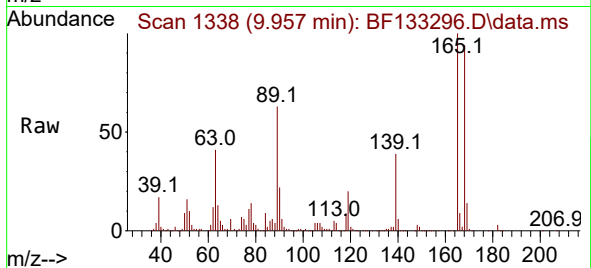


#57
2,4-Dinitrotoluene
Concen: 44.698 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



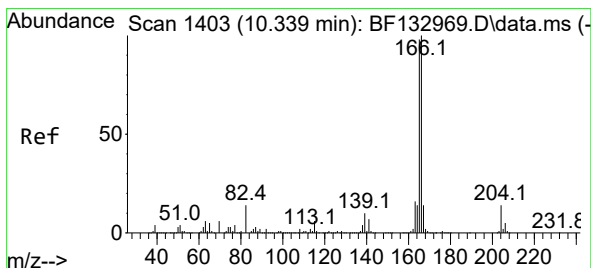
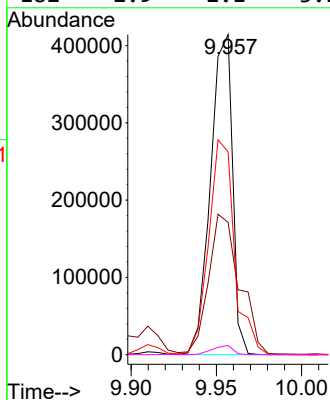
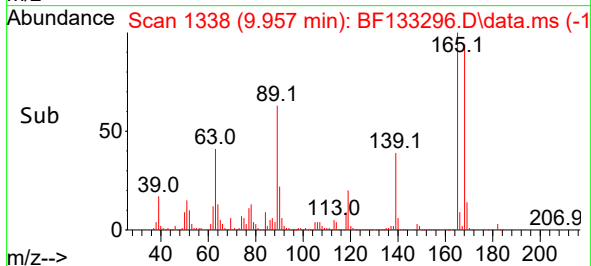
Tgt Ion:165 Resp: 371612
Ion Ratio Lower Upper
165 100
63 41.4 37.7 56.5
89 63.4 57.0 85.4
182 2.9 2.1 3.1

Manual Integrations

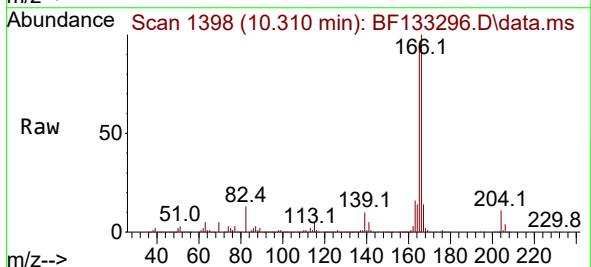
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

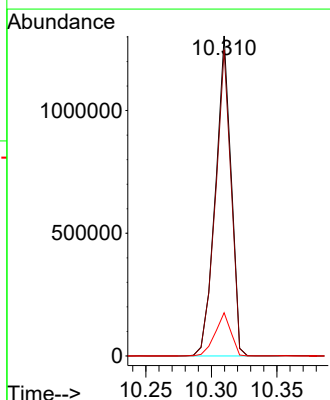
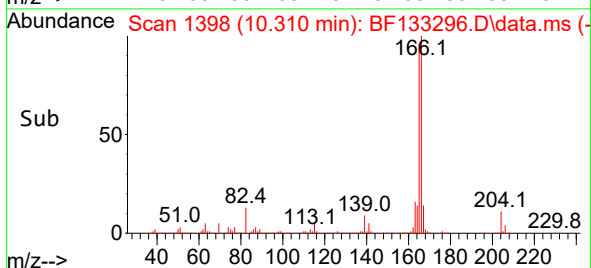
Supervised By :Jagrut
Upadhyay
05/09/2023

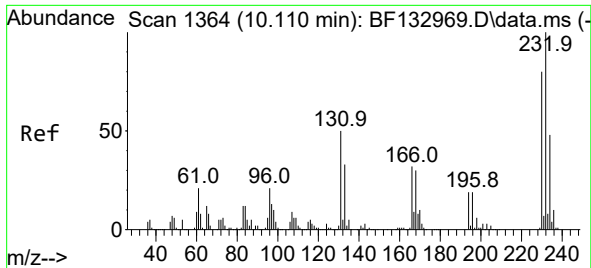


#58
Fluorene
Concen: 41.733 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



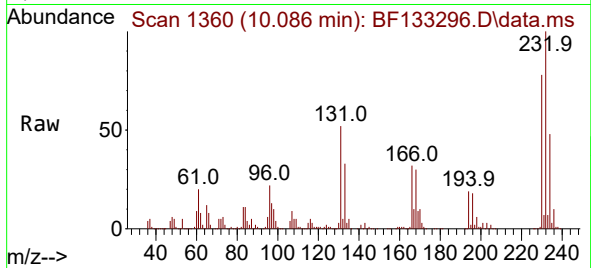
Tgt Ion:166 Resp: 1076099
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.653 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

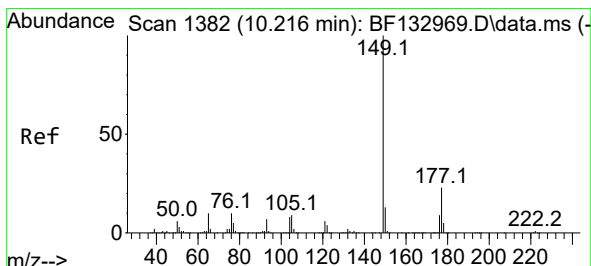
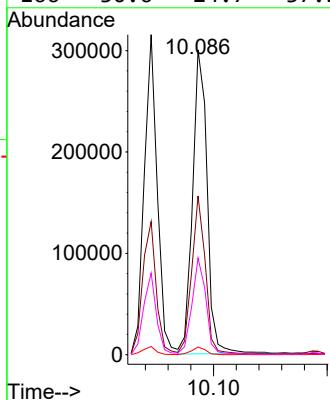
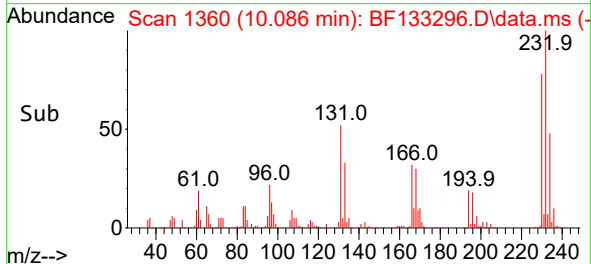


Tgt Ion:232 Resp: 267688
Ion Ratio Lower Upper
232 100
131 49.3 38.0 57.0
130 2.5 1.8 2.8
166 30.6 24.7 37.1

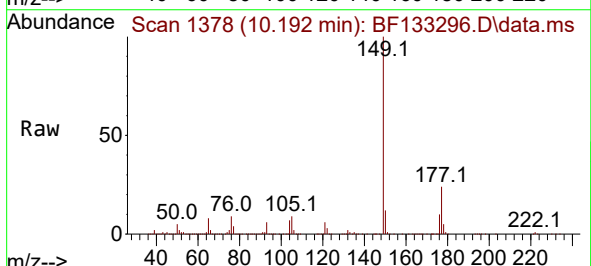
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

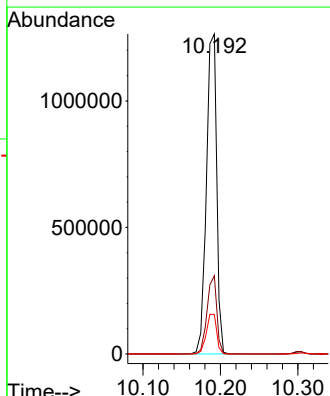
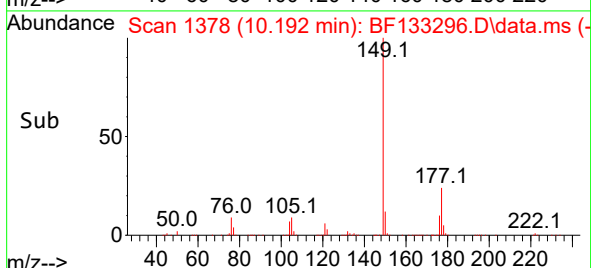
Supervised By :Jagrut
Upadhyay
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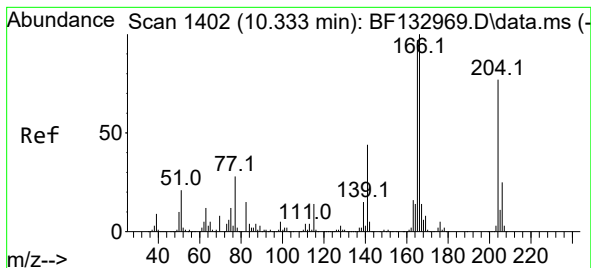


#60
Diethylphthalate
Concen: 42.576 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



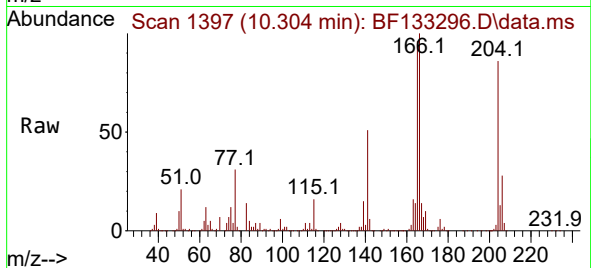
Tgt Ion:149 Resp: 1164827
Ion Ratio Lower Upper
149 100
177 24.4 18.2 27.4
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.706 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

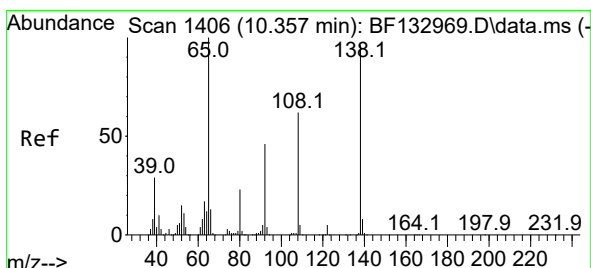
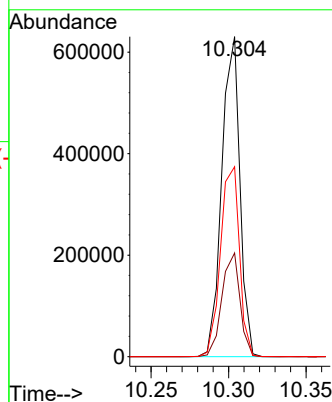
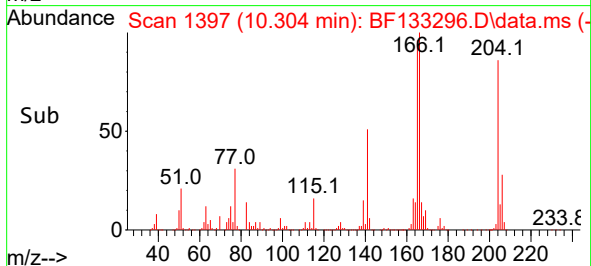


Tgt Ion:204 Resp: 511490
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 59.3 46.1 69.1

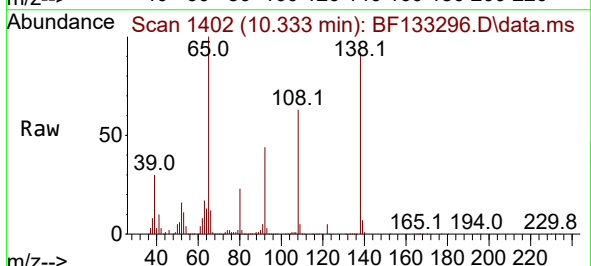
Manual Integrations
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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

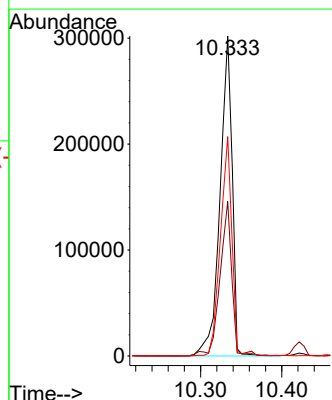
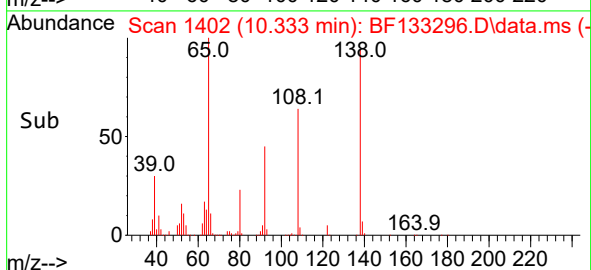
Supervised By :Jagrut
Upadhyay
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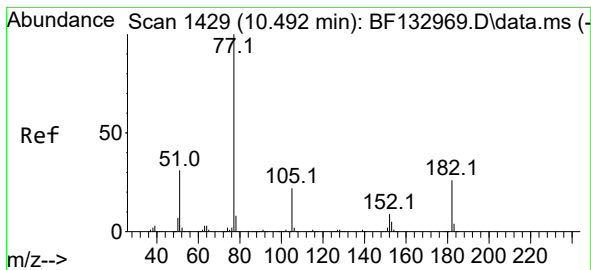


#62
4-Nitroaniline
Concen: 44.255 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



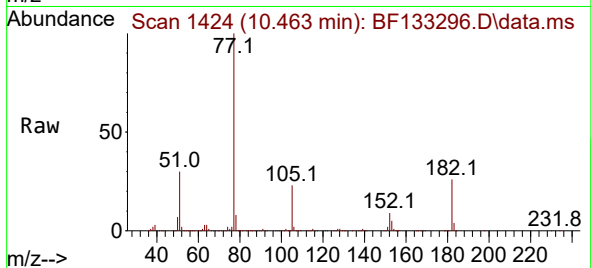
Tgt Ion:138 Resp: 315292
Ion Ratio Lower Upper
138 100
92 48.3 27.7 67.7
108 68.5 45.2 85.2





#63
Azobenzene
Concen: 41.261 ng
RT: 10.463 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

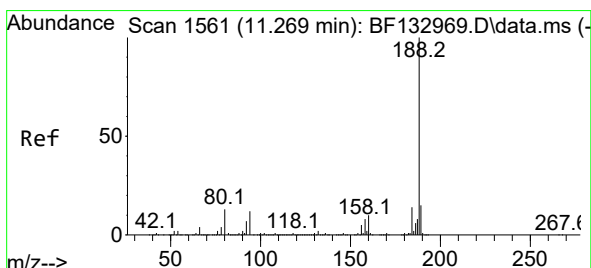
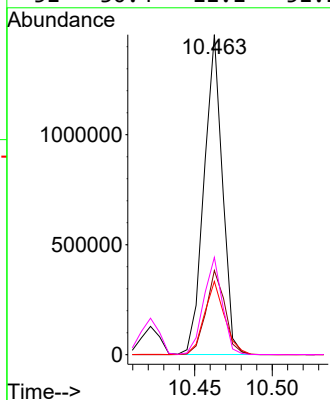
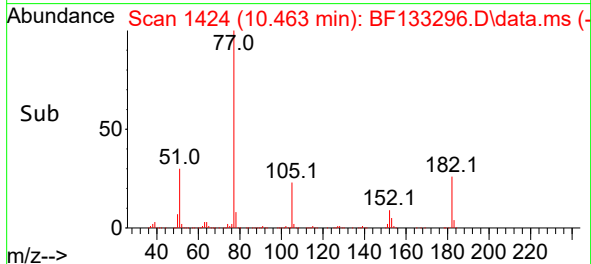


Tgt Ion: 77 Resp: 119584
Ion Ratio Lower Upper
77 100
182 26.3 5.9 45.9
105 22.9 2.3 42.3
51 30.4 11.1 51.1

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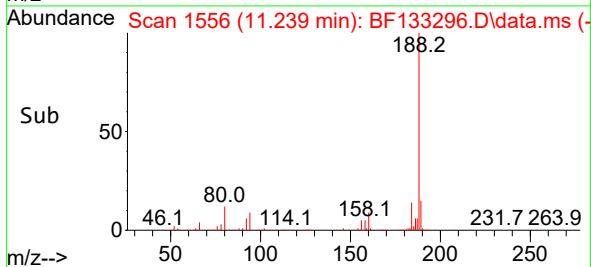
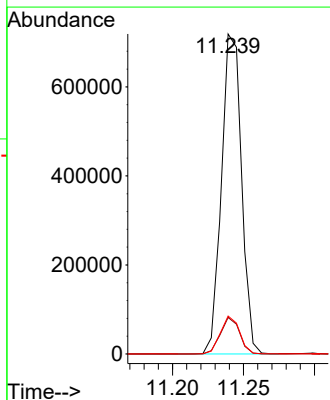
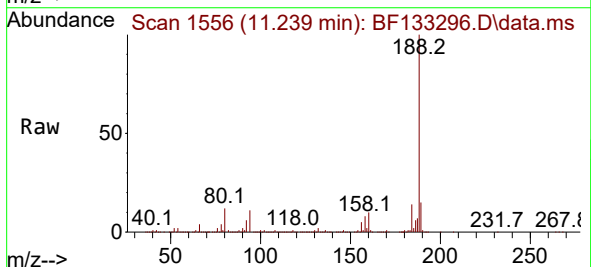
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

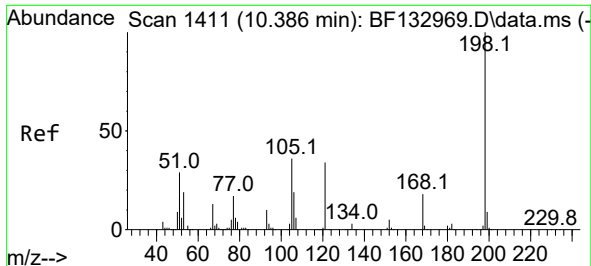
Supervised By :Jagrut
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05/09/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

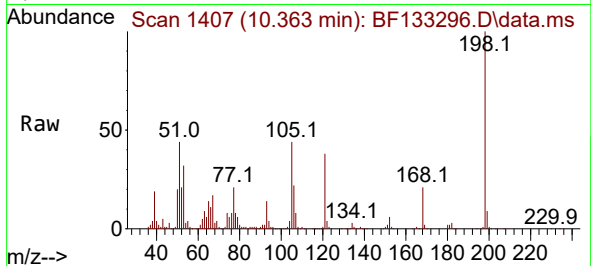
Tgt Ion:188 Resp: 706291
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 11.8 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 32.542 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

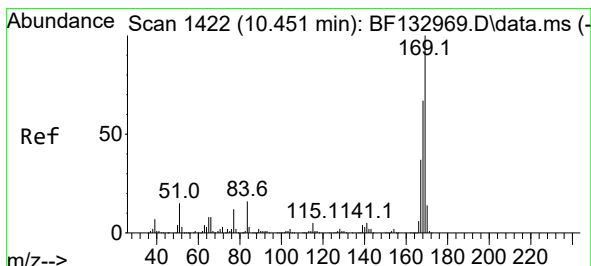
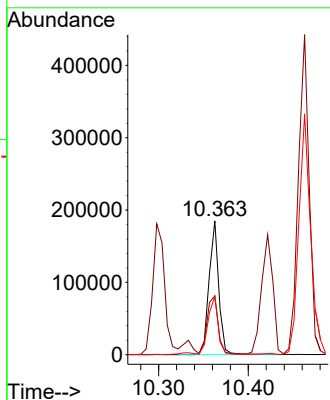
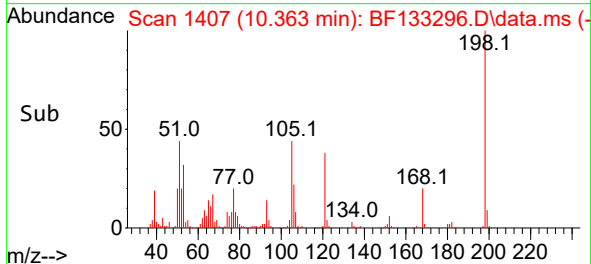


Tgt Ion:198 Resp: 139312
Ion Ratio Lower Upper
198 100
51 43.9 15.5 55.5
105 43.6 16.7 56.7

Manual Integrations
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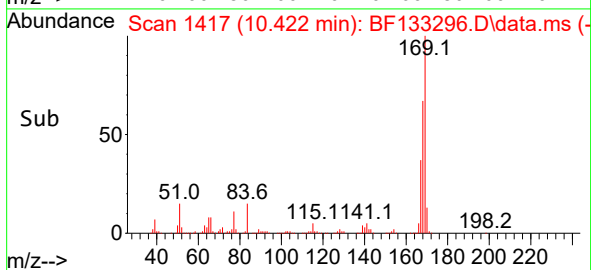
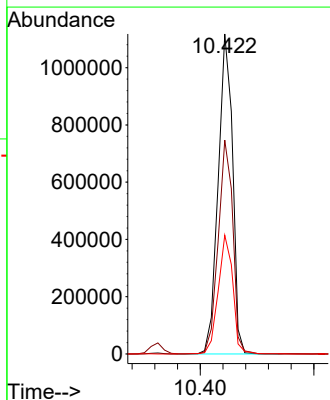
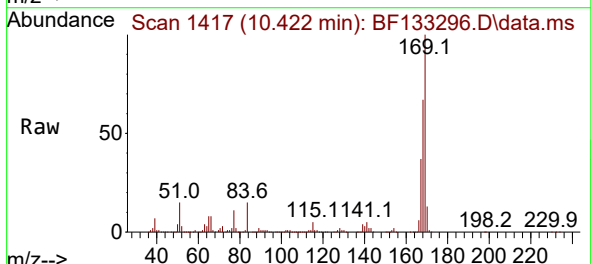
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

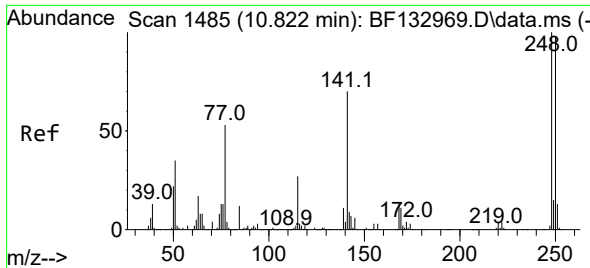
Supervised By :Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 42.979 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

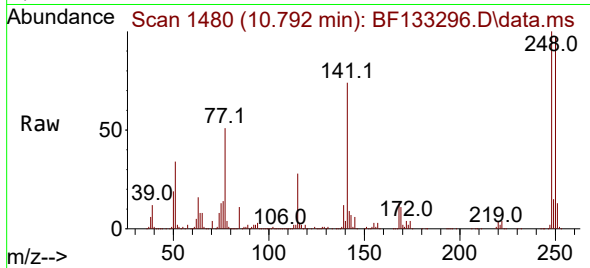
Tgt Ion:169 Resp: 984655
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 37.1 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.054 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

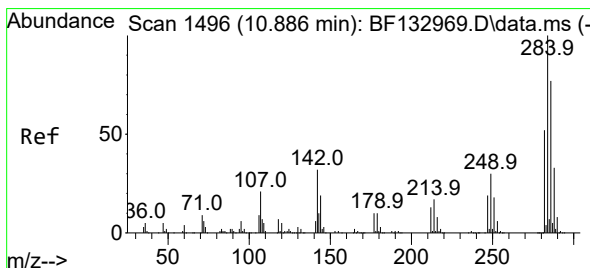
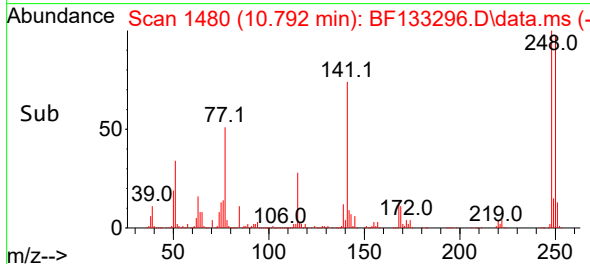
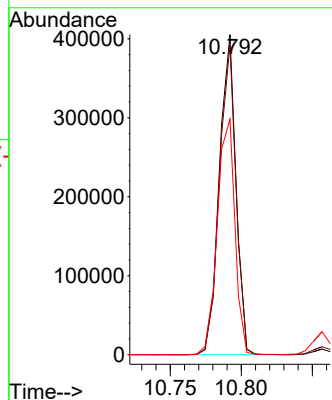


Tgt Ion:248 Resp: 329798
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 73.6 56.3 84.5

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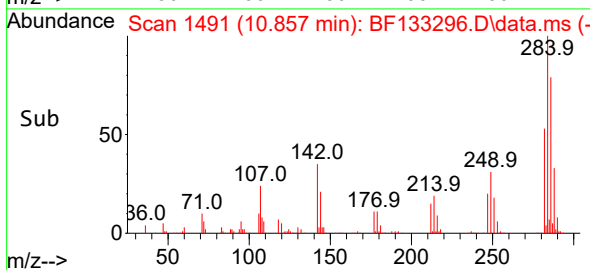
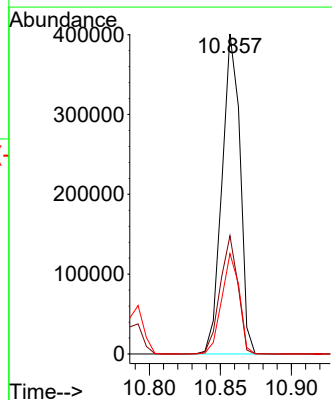
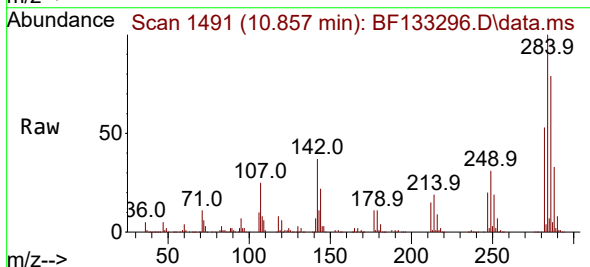
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

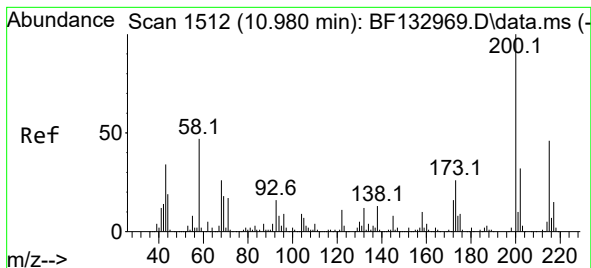
Supervised By :Jagrut
Upadhyay
05/09/2023



#68
Hexachlorobenzene
Concen: 44.926 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:284 Resp: 352638
Ion Ratio Lower Upper
284 100
142 36.9 26.0 39.0
249 31.3 23.7 35.5





#69

Atrazine

Concen: 51.444 ng

RT: 10.951 min Scan# 1512

Delta R.T. 0.000 min

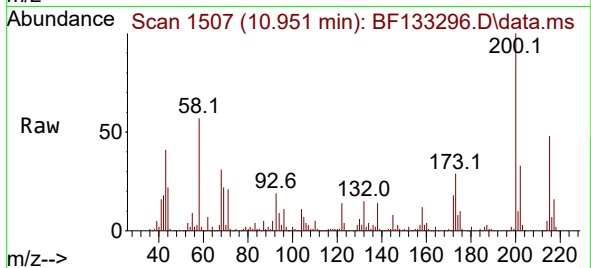
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



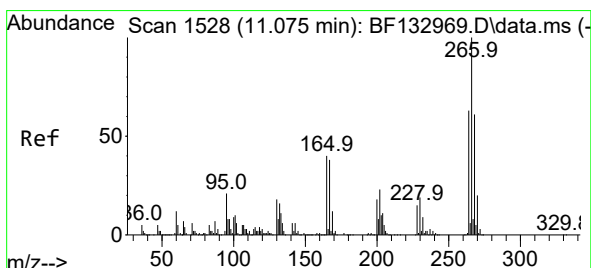
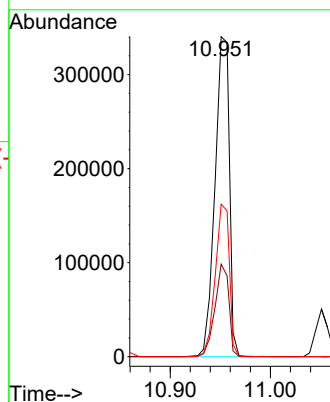
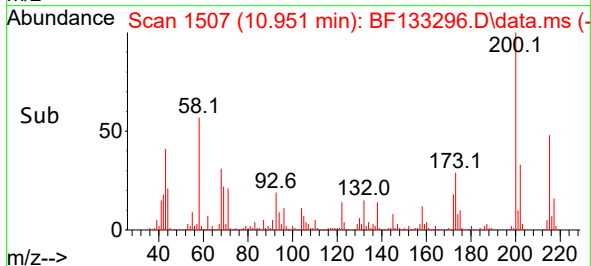
Tgt Ion:	200	Resp:	339608
Ion Ratio	Lower	Upper	
200	100		
173	28.9	6.2	46.2
215	47.6	26.3	66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

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Upadhyay
05/09/2023



#70

Pentachlorophenol

Concen: 45.958 ng

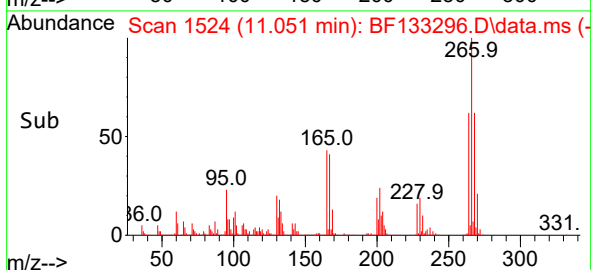
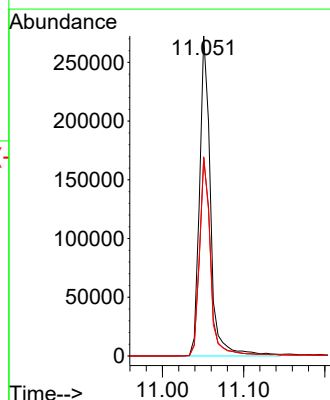
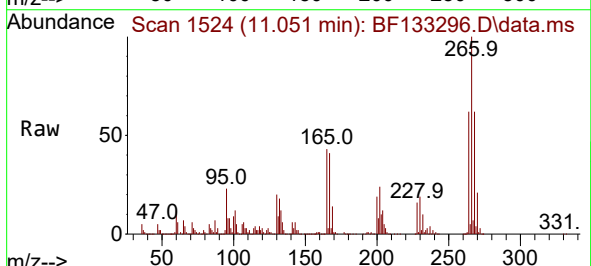
RT: 11.051 min Scan# 1524

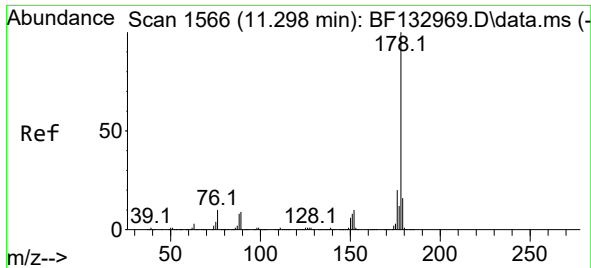
Delta R.T. -0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

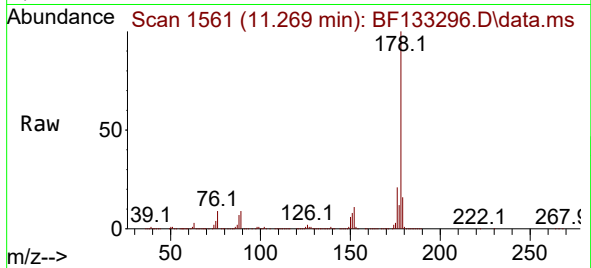
Tgt Ion:	266	Resp:	256911
Ion Ratio	Lower	Upper	
266	100		
268	61.8	48.8	73.2
264	62.3	50.6	76.0





#71
Phenanthrene
Concen: 42.846 ng
RT: 11.269 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

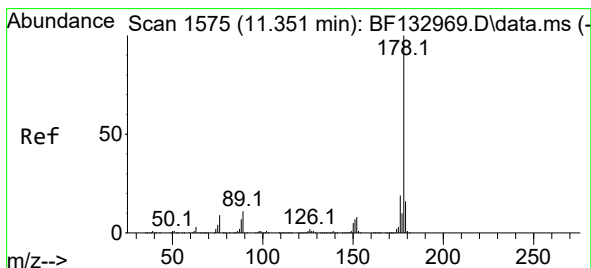
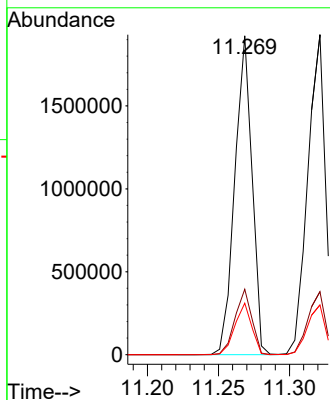
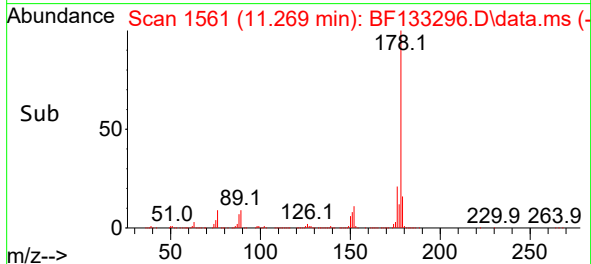


Tgt Ion:178 Resp: 1626470
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.1 12.5 18.7

Manual Integrations
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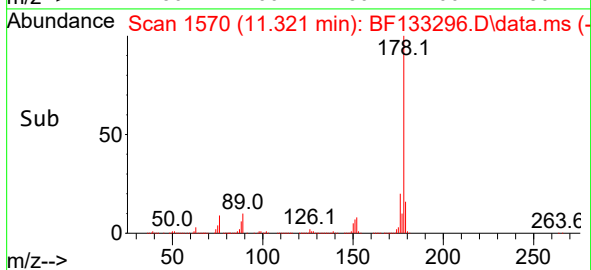
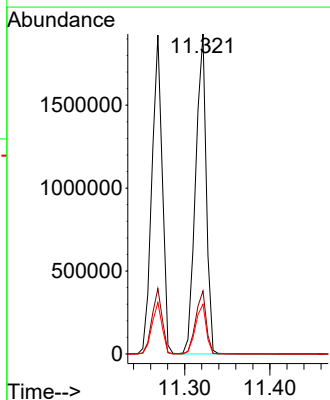
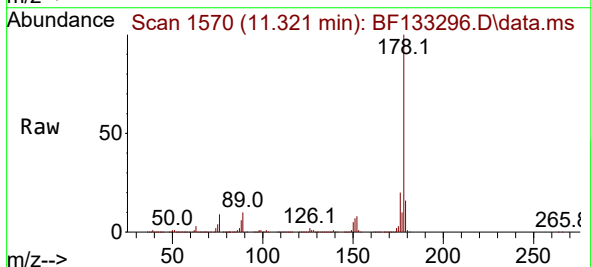
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

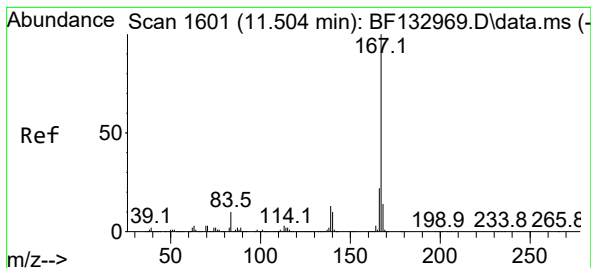
Supervised By :Jagrut
Upadhyay
05/09/2023



#72
Anthracene
Concen: 43.175 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:178 Resp: 1677319
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.367 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

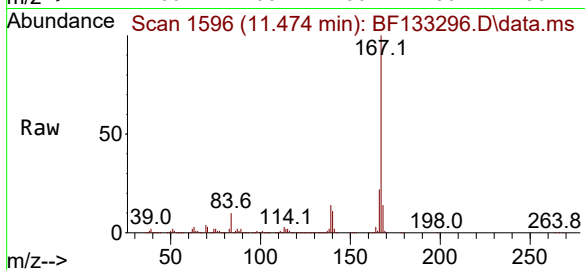
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:167 Resp: 1500150

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 14.1 10.6 16.0

Manual Integrations

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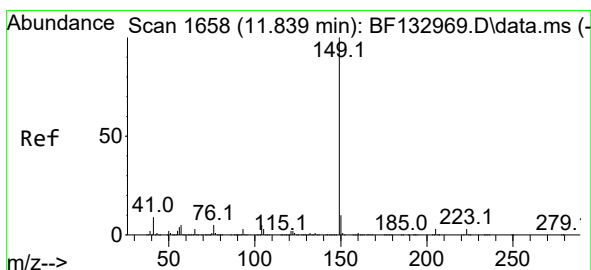
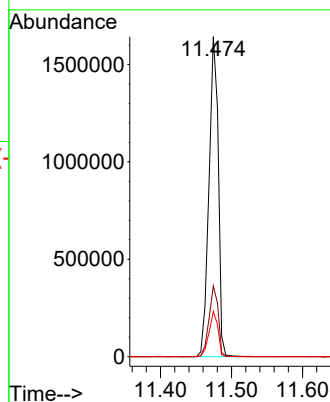
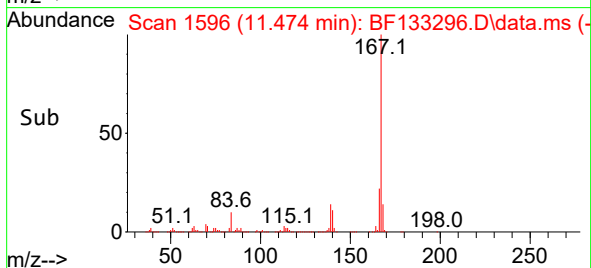
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#74

Di-n-butylphthalate

Concen: 45.592 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

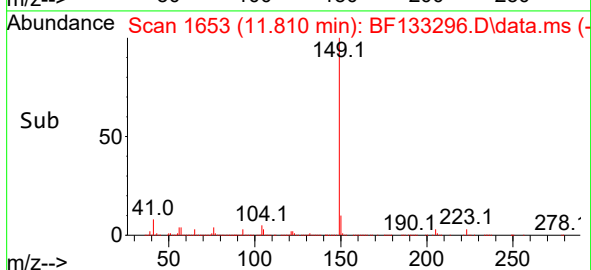
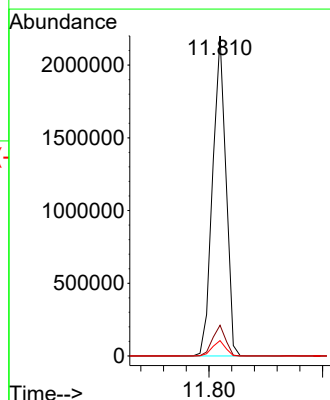
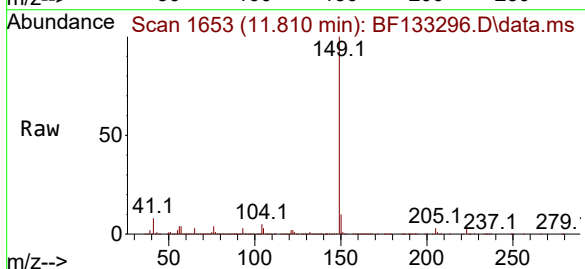
Tgt Ion:149 Resp: 1784788

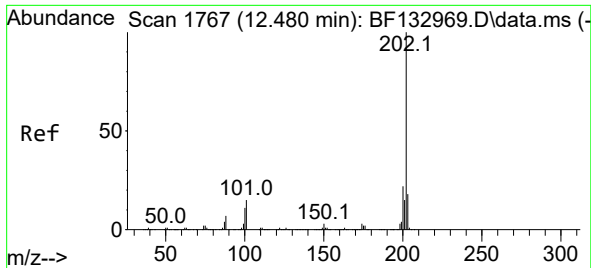
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

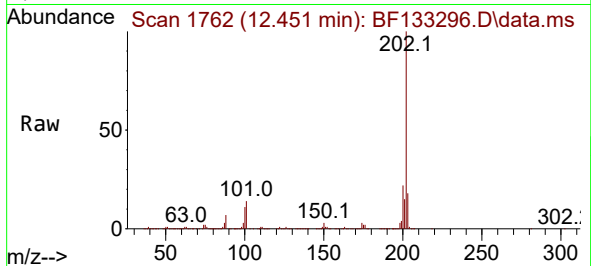
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 41.230 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

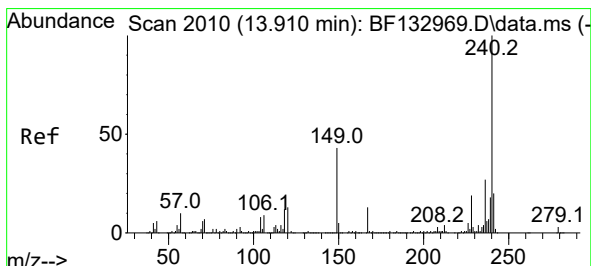
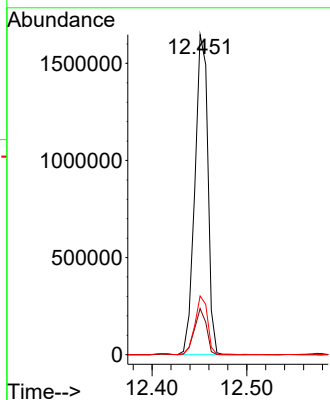
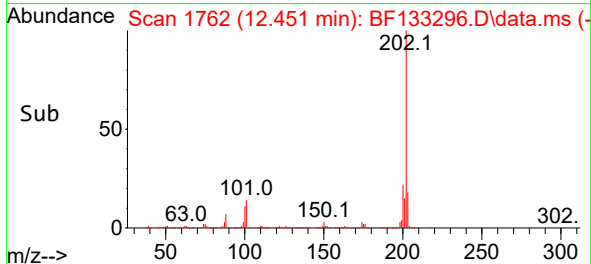


Tgt Ion:202 Resp: 1570788
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 18.3 0.0 38.1

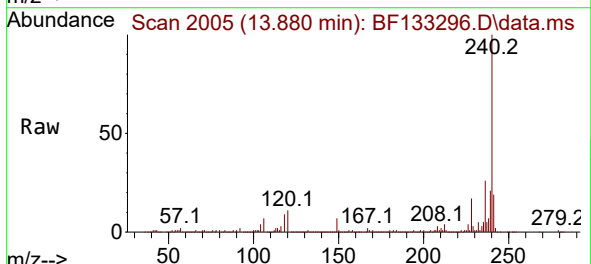
Manual Integrations
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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

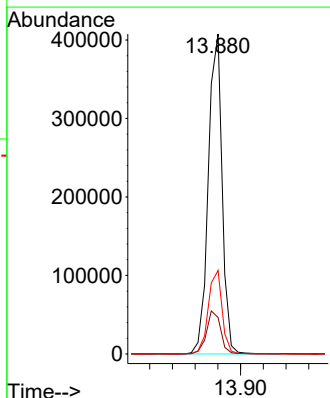
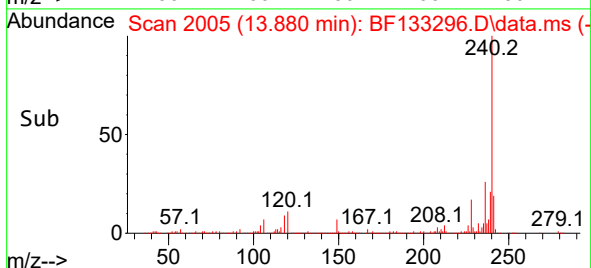
Supervised By :Jagrut
Upadhyay
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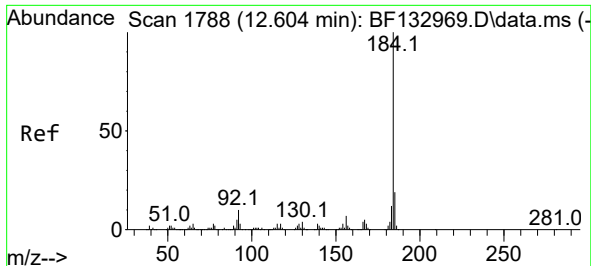


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



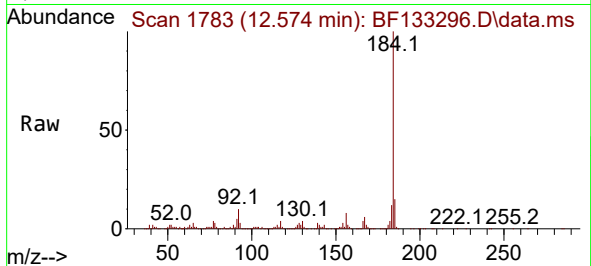
Tgt Ion:240 Resp: 343703
Ion Ratio Lower Upper
240 100
120 11.4 10.5 15.7
236 26.1 21.5 32.3





#77
Benzidine
Concen: 134.055 ng
RT: 12.574 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

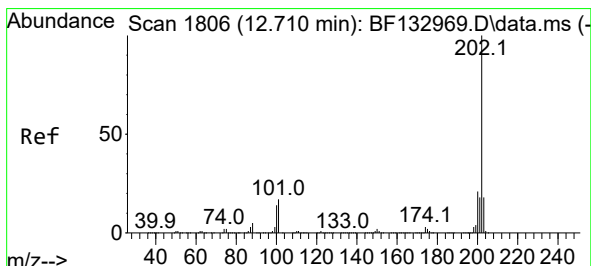
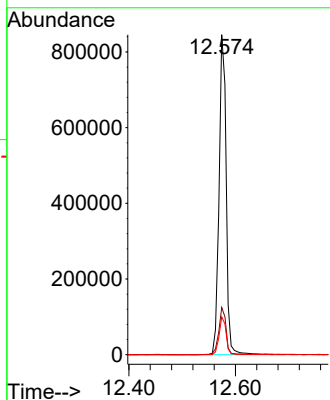
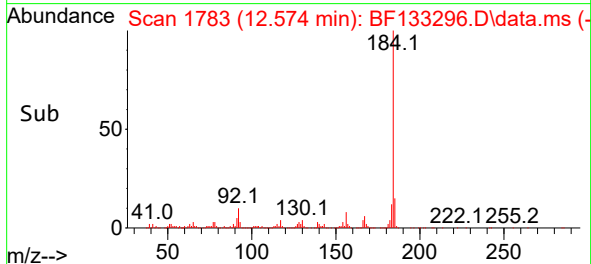


Tgt Ion:184 Resp: 77915
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2
183 11.8 9.4 14.0

Manual Integrations
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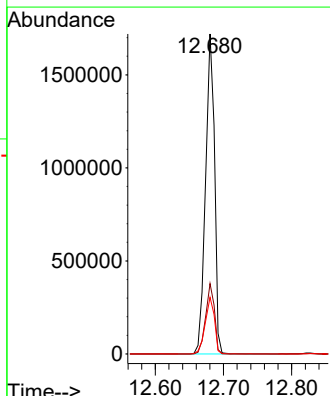
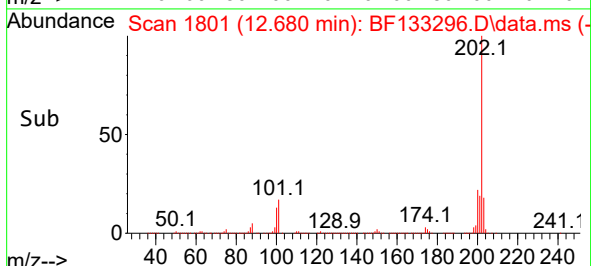
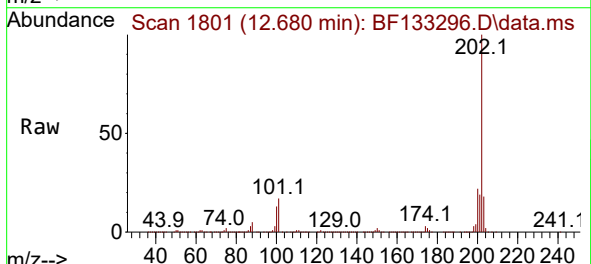
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

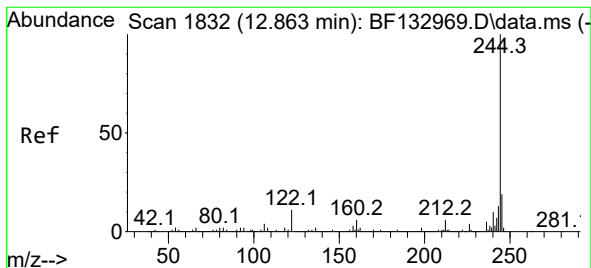
Supervised By :Jagrut
Upadhyay
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#78
Pyrene
Concen: 53.582 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Tgt Ion:202 Resp: 1578708
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 72.667 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.006 min

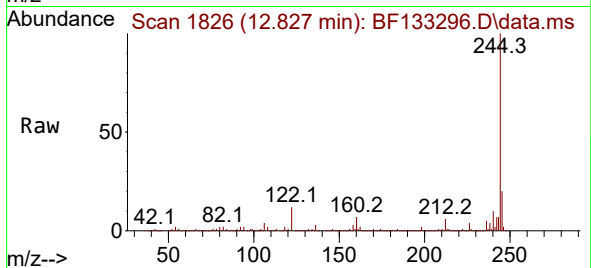
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:244 Resp: 1448160

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 12.3 8.6 13.0

Manual Integrations

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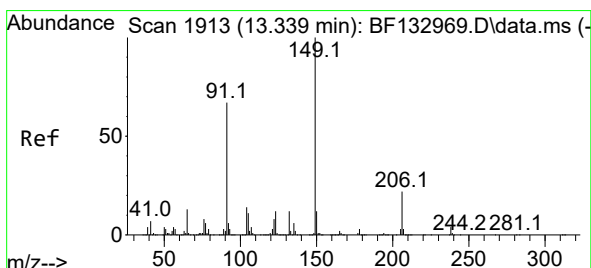
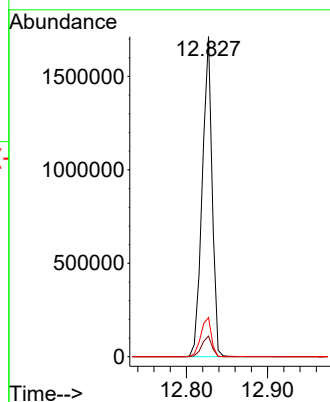
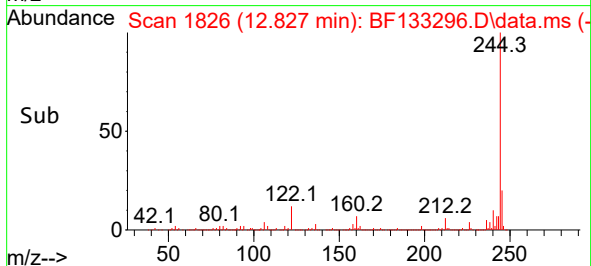
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#80

Butylbenzylphthalate

Concen: 60.153 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

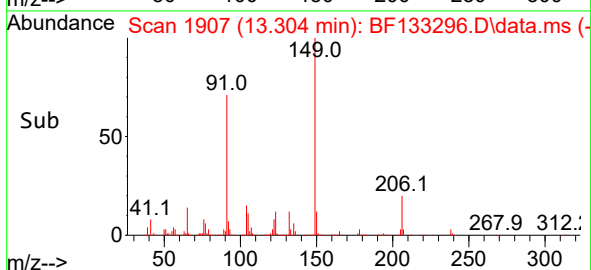
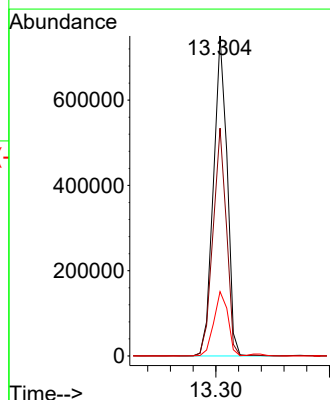
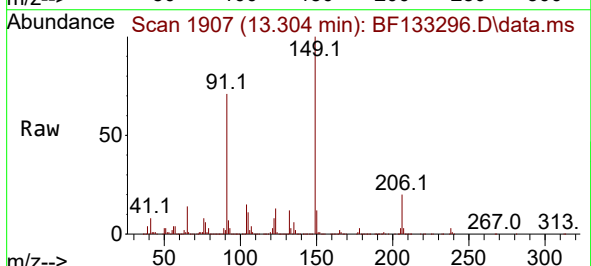
Tgt Ion:149 Resp: 627524

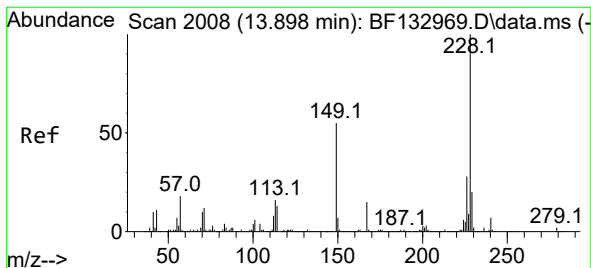
Ion Ratio Lower Upper

149 100

91 71.2 53.8 80.6

206 20.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.829 ng

RT: 13.868 min Scan# 2008

Delta R.T. 0.000 min

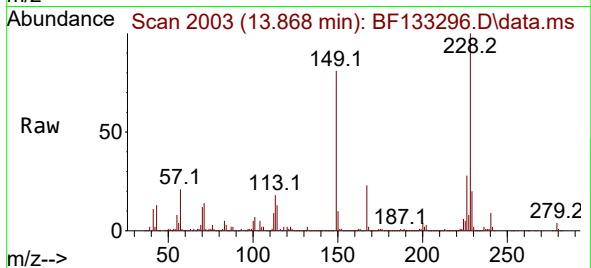
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:228 Resp: 101227

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.4

229 19.6 16.0 24.0

Manual Integrations

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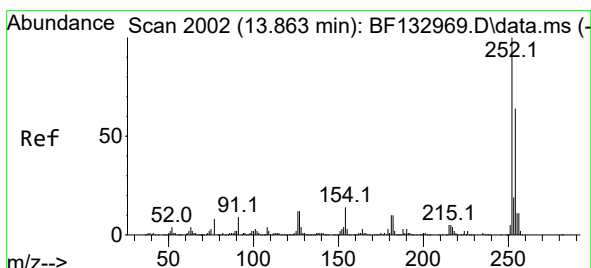
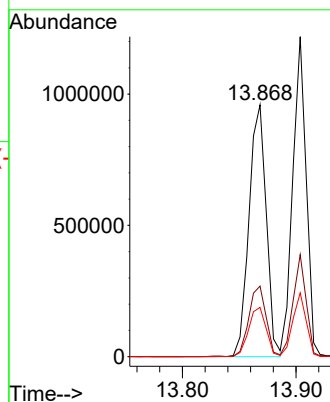
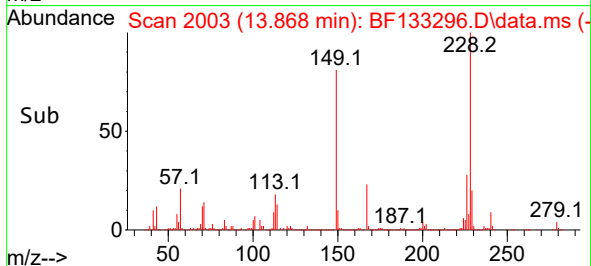
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 19.916 ng

RT: 13.827 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

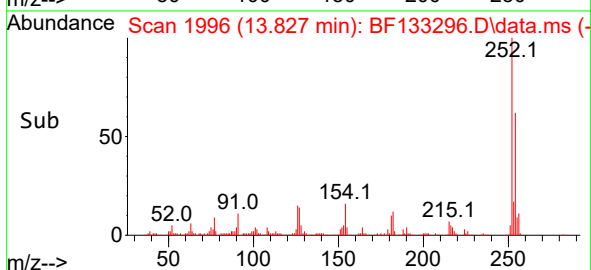
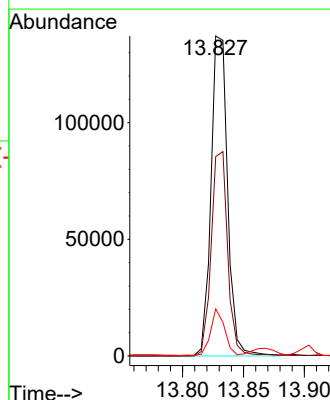
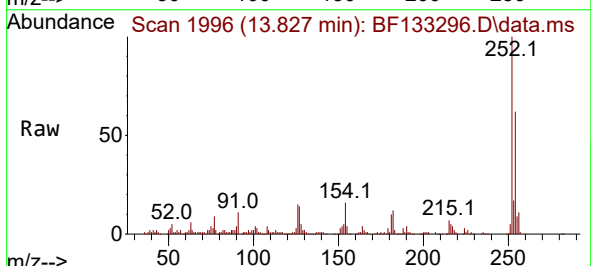
Tgt Ion:252 Resp: 130038

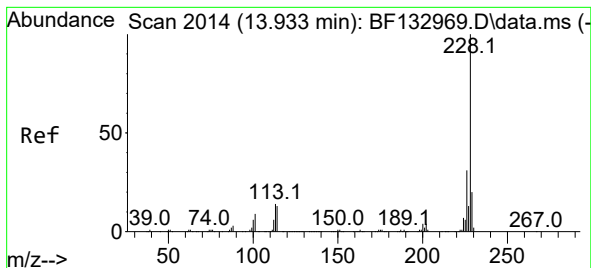
Ion Ratio Lower Upper

252 100

254 62.3 51.5 77.3

126 14.7 9.5 14.3#





#83

Chrysene

Concen: 42.389 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

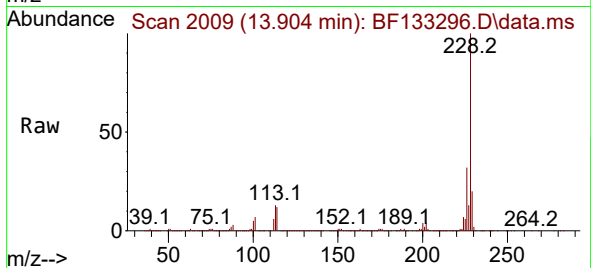
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:228 Resp: 100162

Ion Ratio Lower Upper

228 100

226 31.9 24.7 37.1

229 19.9 16.1 24.1

Manual Integrations

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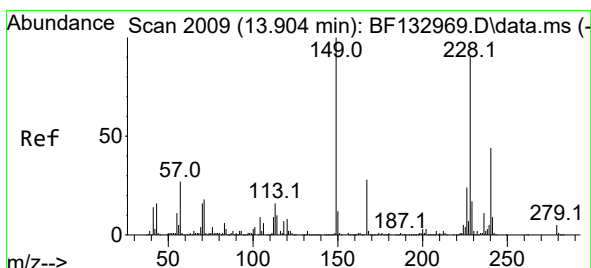
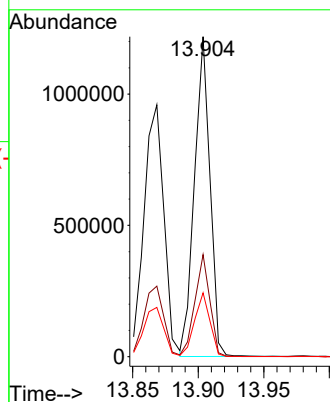
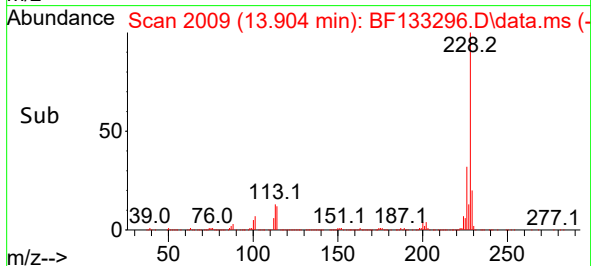
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.776 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

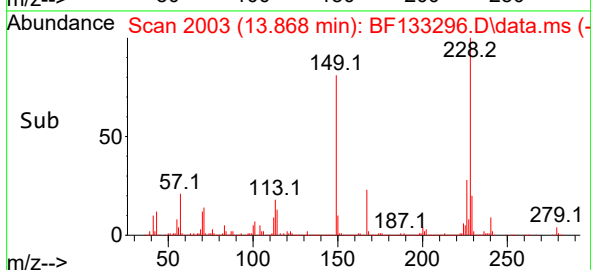
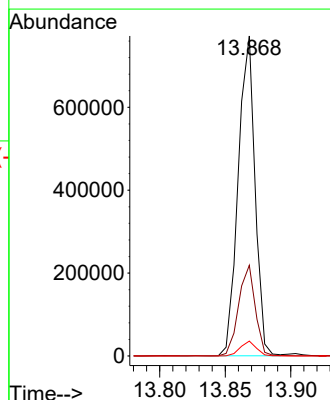
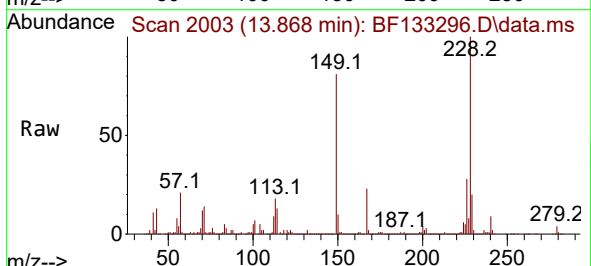
Tgt Ion:149 Resp: 691061

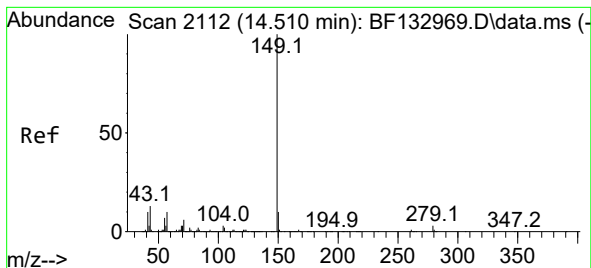
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 53.887 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.006 min

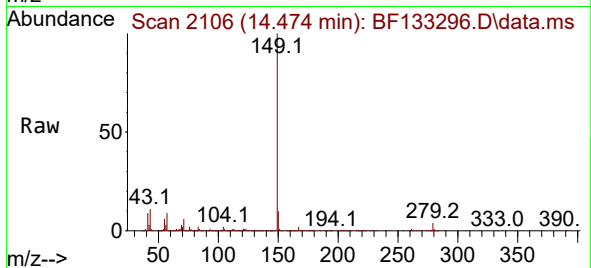
Lab File: BF133296.D

Acq: 08 May 2023 15:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:149 Resp: 115053

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.5 14.3

Manual Integrations

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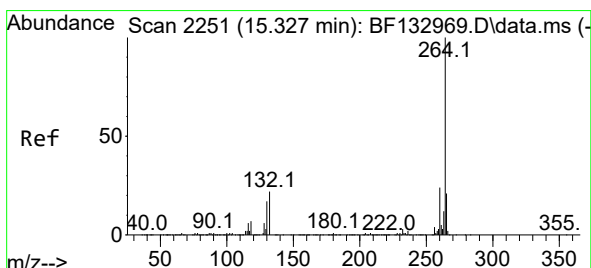
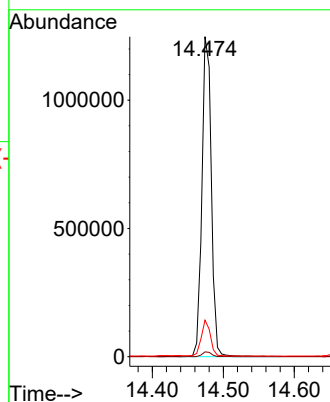
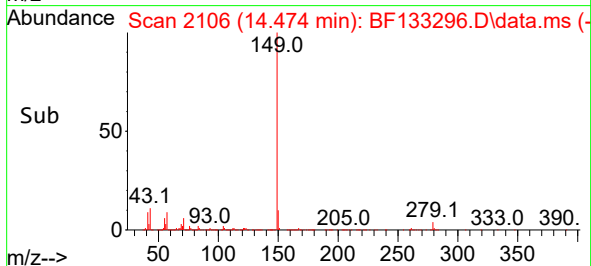
Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut

Upadhyay

05/09/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133296.D

Acq: 08 May 2023 15:53

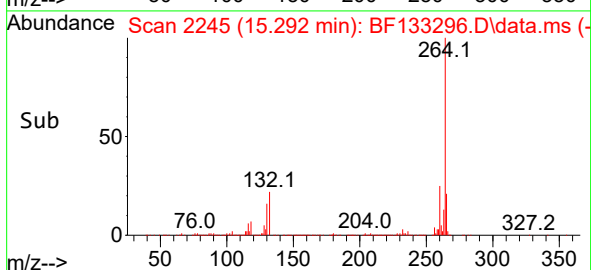
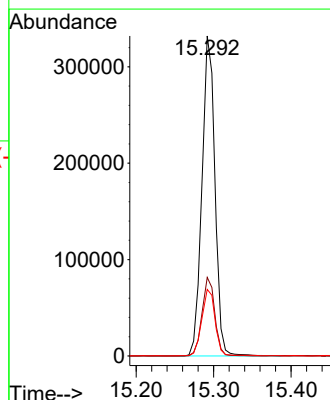
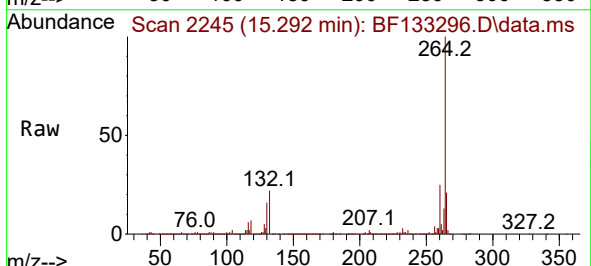
Tgt Ion:264 Resp: 386785

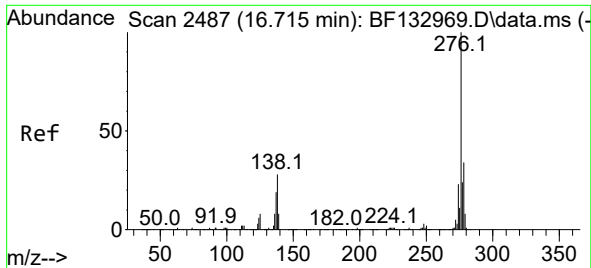
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

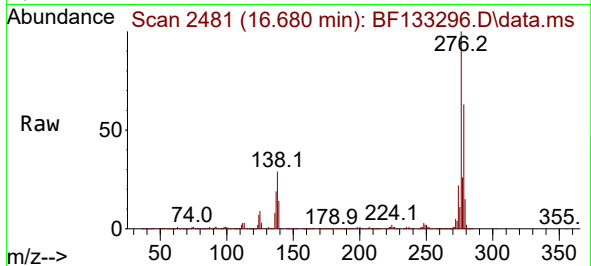
265 20.8 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.887 ng
 RT: 16.680 min Scan# 2487
 Delta R.T. 0.006 min
 Lab File: BF133296.D
 Acq: 08 May 2023 15:53

Instrument :
 BNA_F
 ClientSampleId :

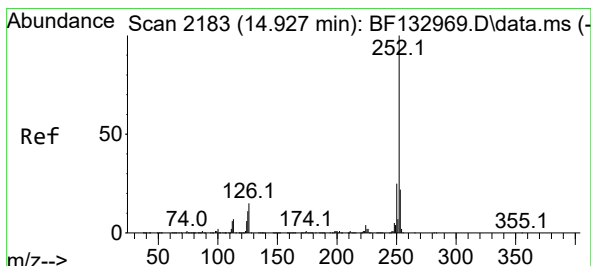
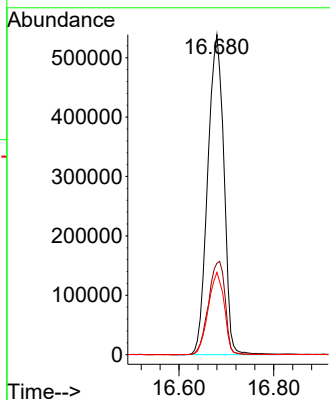
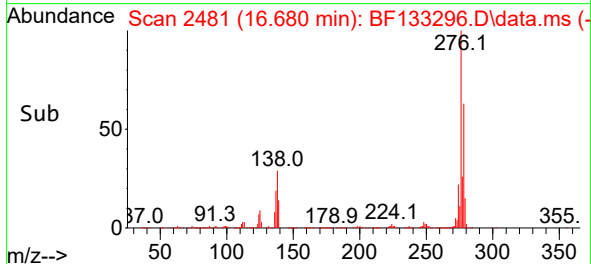


Tgt Ion:276 Resp: 127358
 Ion Ratio Lower Upper
 276 100
 138 30.2 25.5 38.3
 277 25.6 20.4 30.6

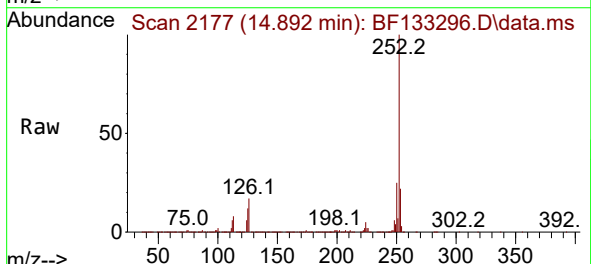
Manual Integrations
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Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

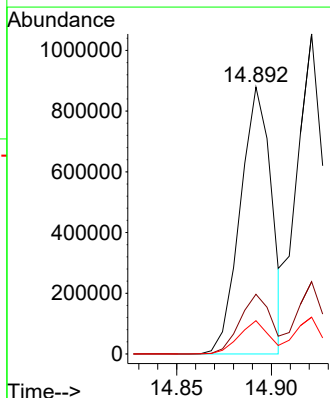
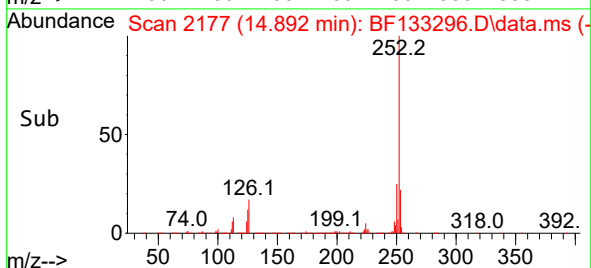
Supervised By :Jagrut
 Upadhyay
 05/09/2023

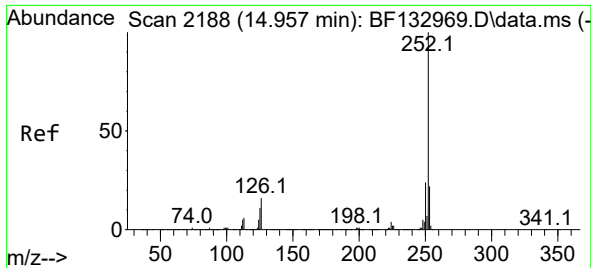


#88
 Benzo(b)fluoranthene
 Concen: 41.116 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BF133296.D
 Acq: 08 May 2023 15:53



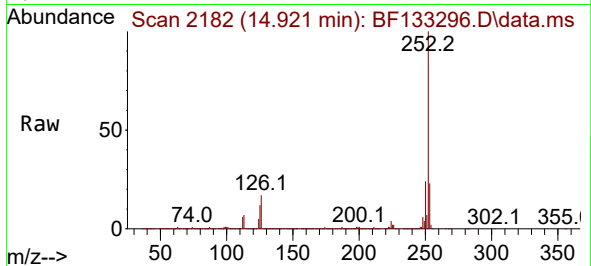
Tgt Ion:252 Resp: 1011726
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 12.5 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 41.224 ng
RT: 14.921 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

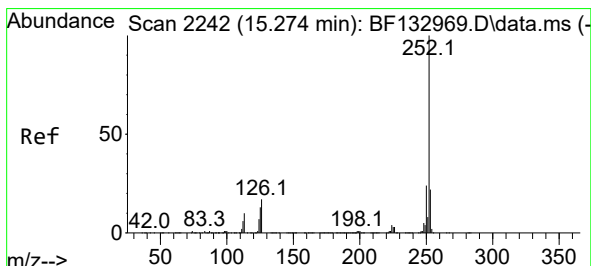
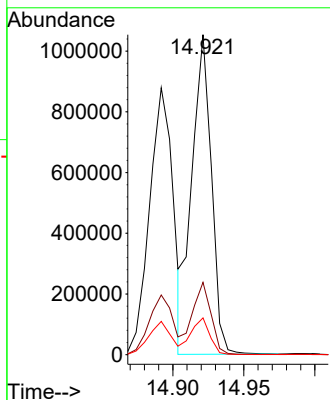
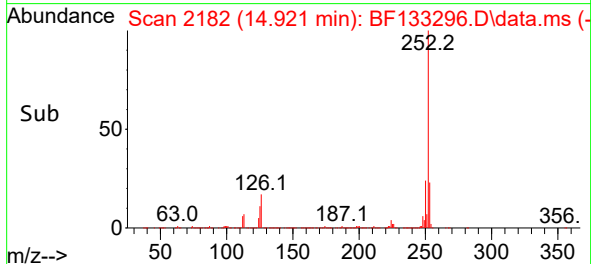


Tgt Ion:252 Resp: 100555
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.5 9.0 13.4

Manual Integrations
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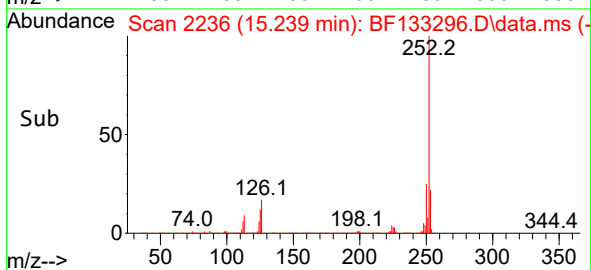
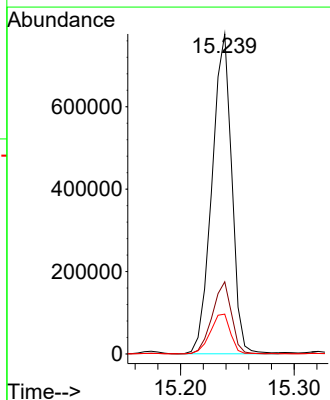
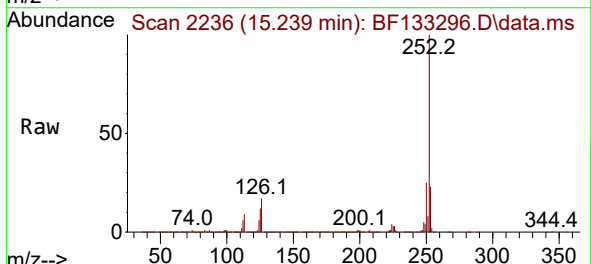
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

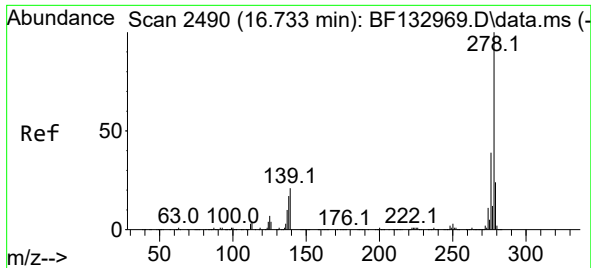
Supervised By :Jagrut
Upadhyay
05/09/2023



#90
Benzo(a)pyrene
Concen: 41.919 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

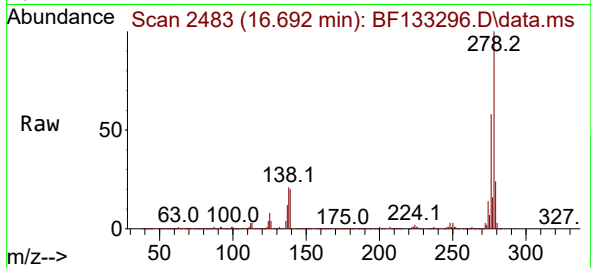
Tgt Ion:252 Resp: 938880
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.5 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 57.481 ng
RT: 16.692 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53

Instrument :
BNA_F
ClientSampleId :

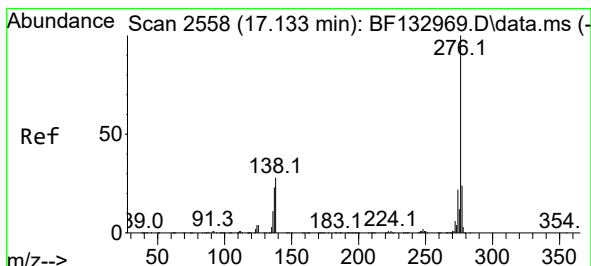
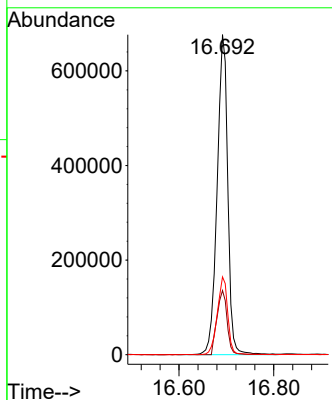
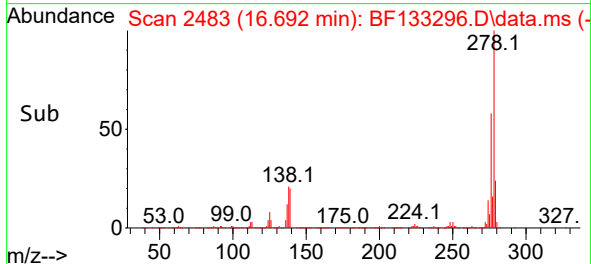


Tgt Ion:278 Resp: 1054778
Ion Ratio Lower Upper
278 100
139 20.0 16.6 24.8
279 24.3 18.8 28.2

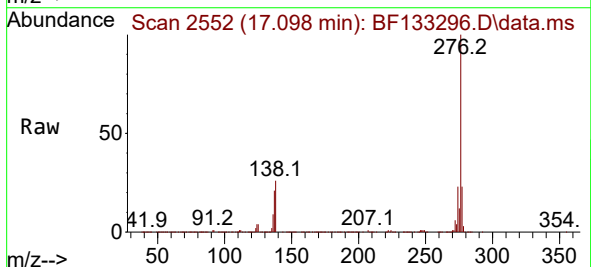
Manual Integrations
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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Supervised By :Jagrut
Upadhyay
05/09/2023



#92
Benzo(g,h,i)perylene
Concen: 58.974 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.012 min
Lab File: BF133296.D
Acq: 08 May 2023 15:53



Tgt Ion:276 Resp: 1068376
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 26.2 22.7 34.1

