

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133438.D
 Acq On : 18 May 2023 15:03
 Operator : CG\JU
 Sample : PB152875BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152875BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2023
 Supervised By : Jagrut Upadhyay 05/19/2023

Quant Time: May 18 18:53:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	233338	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	943831	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	516230	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	916757	20.000	ng	0.00
76) Chrysene-d12	13.880	240	461159	20.000	ng	0.00
86) Perylene-d12	15.298	264	444956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1432796	92.758	ng	0.01
7) Phenol-d6	6.369	99	1760819	91.841	ng	0.00
23) Nitrobenzene-d5	7.287	82	1055672	60.373	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	491627	94.695	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2007823	65.070	ng	0.00
79) Terphenyl-d14	12.821	244	1825987	68.289	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	257492	35.939	ng	95
3) Pyridine	3.157	79	614416	32.288	ng	95
4) n-Nitrosodimethylamine	3.122	42	323749	32.846	ng	94
6) Aniline	6.381	93	776042	31.427	ng	# 24
8) 2-Chlorophenol	6.504	128	645102	41.133	ng	96
9) Benzaldehyde	6.257	77	342917	38.128	ng	99
10) Phenol	6.381	94	783316	37.035	ng	# 73
11) bis(2-Chloroethyl)ether	6.457	93	612376	38.583	ng	95
12) 1,3-Dichlorobenzene	6.657	146	711619	42.678	ng	97
13) 1,4-Dichlorobenzene	6.734	146	709250	42.441	ng	97
14) 1,2-Dichlorobenzene	6.887	146	665094	43.169	ng	98
15) Benzyl Alcohol	6.869	79	496442	37.485	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	935557	33.937	ng	84
17) 2-Methylphenol	6.987	107	542933	37.806	ng	94
18) Hexachloroethane	7.222	117	242618	41.759	ng	94
19) n-Nitroso-di-n-propyla...	7.139	70	422164	35.369	ng	93
20) 3+4-Methylphenols	7.139	107	672288	39.751	ng	# 72
22) Acetophenone	7.128	105	903919	41.344	ng	# 92
24) Nitrobenzene	7.304	77	652904	36.848	ng	98
25) Isophorone	7.545	82	1231737	37.101	ng	100
26) 2-Nitrophenol	7.622	139	382418	44.746	ng	91
27) 2,4-Dimethylphenol	7.669	122	585693	39.966	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	734751	37.410	ng	99
29) 2,4-Dichlorophenol	7.869	162	549792	41.211	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	586210	42.415	ng	99
31) Naphthalene	8.022	128	1872818	39.688	ng	99
32) Benzoic acid	7.816	122	343596	37.958	ng	96
33) 4-Chloroaniline	8.075	127	494054	25.913	ng	99
34) Hexachlorobutadiene	8.139	225	315308	41.162	ng	99
35) Caprolactam	8.457	113	195515m	43.626	ng	
36) 4-Chloro-3-methylphenol	8.569	107	592618	41.193	ng	100
37) 2-Methylnaphthalene	8.716	142	1222134	37.882	ng	98
38) 1-Methylnaphthalene	8.810	142	1161796	38.495	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	508704	36.650	ng	99
41) Hexachlorocyclopentadiene	8.869	237	534407	66.018	ng	98
43) 2,4,6-Trichlorophenol	8.998	196	374982	39.065	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	409143	36.855	ng	96
46) 1,1'-Biphenyl	9.180	154	1578513	38.562	ng	98
47) 2-Chloronaphthalene	9.204	162	1182399	39.464	ng	99
48) 2-Nitroaniline	9.304	65	381558	38.533	ng	98
49) Acenaphthylene	9.616	152	1863857	38.933	ng	100
50) Dimethylphthalate	9.486	163	1439890	40.002	ng	99
51) 2,6-Dinitrotoluene	9.545	165	336385	41.520	ng	93
52) Acenaphthene	9.792	154	1372689m	42.811	ng	
53) 3-Nitroaniline	9.716	138	294903	30.613	ng	98
54) 2,4-Dinitrophenol	9.828	184	342610	84.132	ng	96
55) Dibenzofuran	9.963	168	1616937	36.969	ng	99
56) 4-Nitrophenol	9.898	139	511215	68.518	ng	98
57) 2,4-Dinitrotoluene	9.951	165	415631	40.228	ng	96
58) Fluorene	10.304	166	1249760	39.001	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	341083	39.631	ng	98
60) Diethylphthalate	10.180	149	1311823	38.583	ng	100
61) 4-Chlorophenyl-phenyle...	10.292	204	611458	39.156	ng	94
62) 4-Nitroaniline	10.333	138	367518	41.510	ng	96
63) Azobenzene	10.457	77	1284708	35.669	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	249534	44.907	ng	88
66) n-Nitrosodiphenylamine	10.416	169	1135106	38.171	ng	99
67) 4-Bromophenyl-phenylether	10.780	248	377495	37.967	ng	93
68) Hexachlorobenzene	10.851	284	421540	41.375	ng	96
69) Atrazine	10.951	200	392080	45.758	ng	96
70) Pentachlorophenol	11.051	266	525340	72.401	ng	97
71) Phenanthrene	11.263	178	1878999	38.134	ng	100
72) Anthracene	11.316	178	1916045	37.998	ng	99
73) Carbazole	11.474	167	1727441	38.473	ng	99
74) Di-n-butylphthalate	11.804	149	1985963	39.085	ng	99
75) Fluoranthene	12.451	202	1590968	32.173	ng	96
77) Benzidine	12.574	184	862388	110.585	ng	# 93
78) Pyrene	12.680	202	1607020	40.651	ng	99
80) Butylbenzylphthalate	13.298	149	648092	46.301	ng	99
81) Benzo(a)anthracene	13.868	228	1192590	37.606	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	314353	35.883	ng	# 99
83) Chrysene	13.904	228	1177834	37.150	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	749818	42.678	ng	98
85) Di-n-octyl phthalate	14.468	149	1167897	40.768	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.686	276	1113806	44.007	ng	98
88) Benzo(b)fluoranthene	14.892	252	1151443	40.676	ng	99
89) Benzo(k)fluoranthene	14.921	252	944099	33.645	ng	100
90) Benzo(a)pyrene	15.239	252	913862	35.468	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	927687	43.946	ng	98
92) Benzo(g,h,i)perylene	17.098	276	937789	44.998	ng	95

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

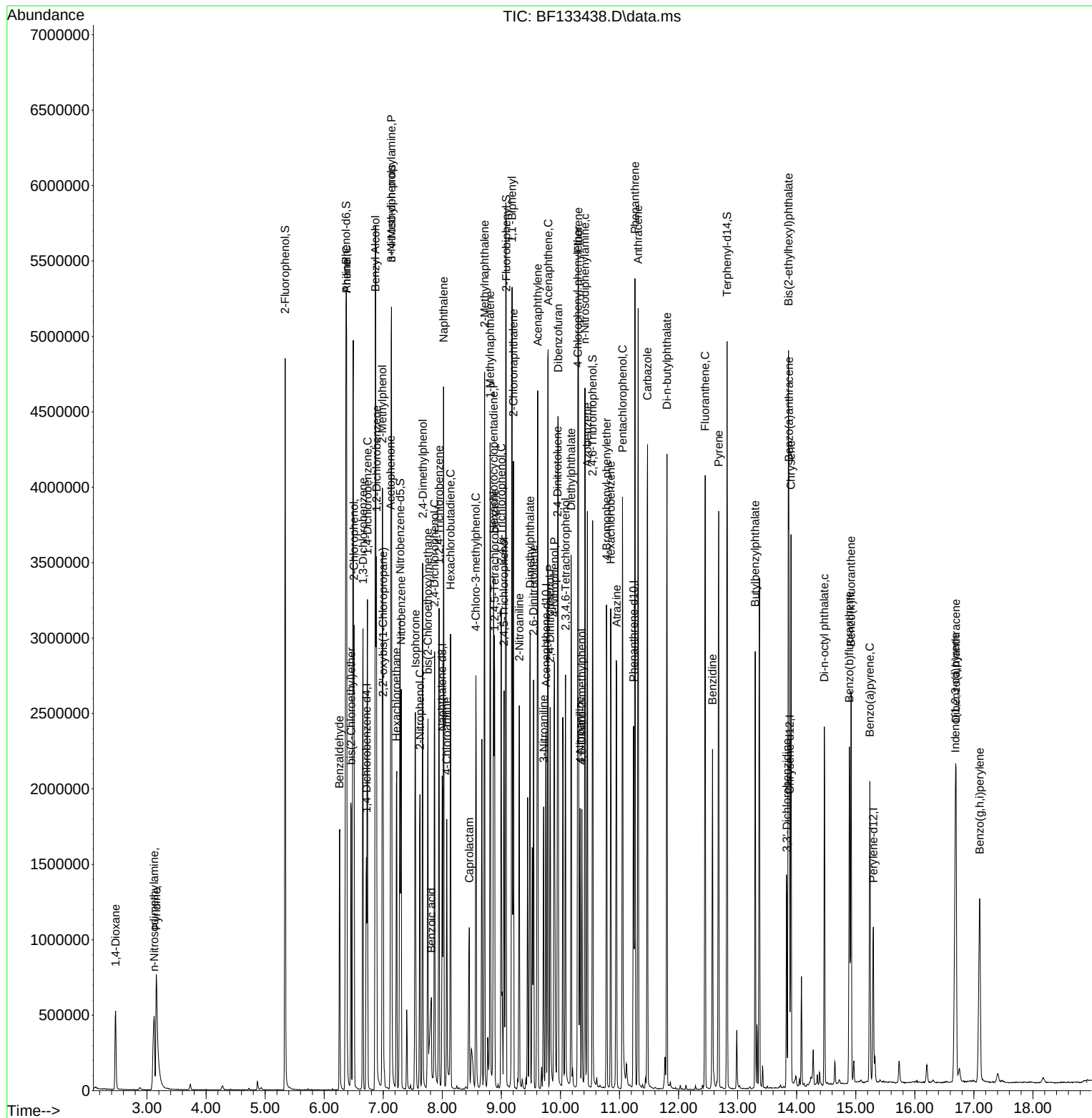
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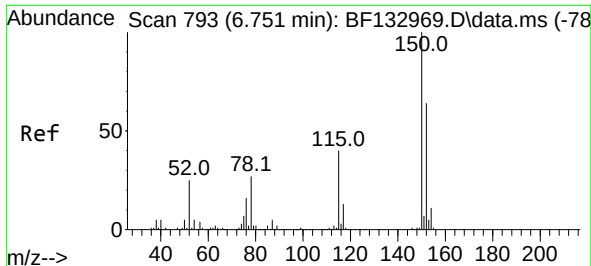
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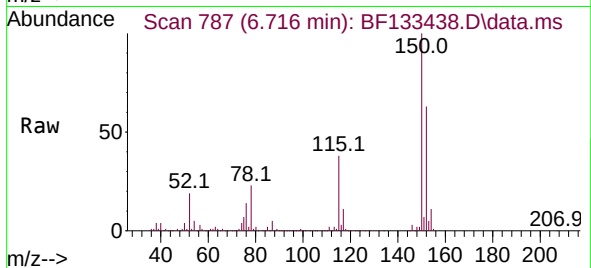
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

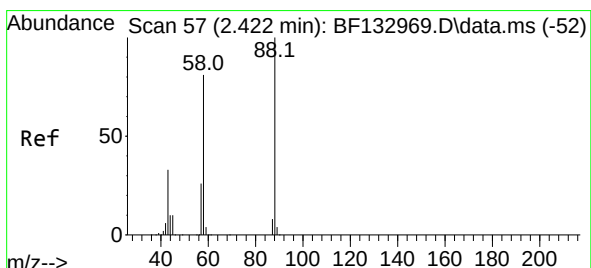
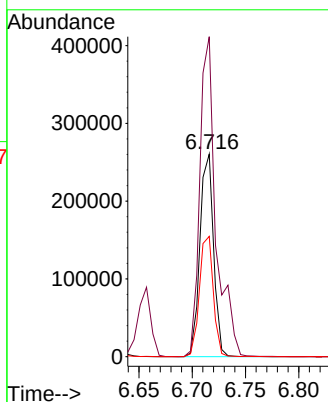
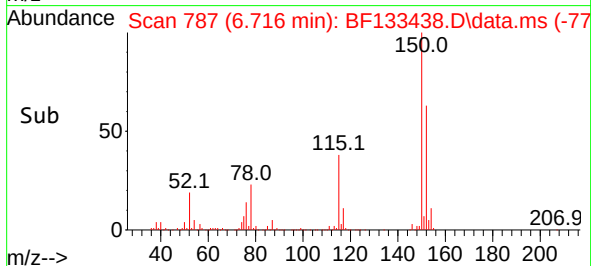


Tgt Ion:152 Resp: 233338
Ion Ratio Lower Upper
152 100
150 158.0 124.8 187.2
115 59.4 49.9 74.9

Manual Integrations

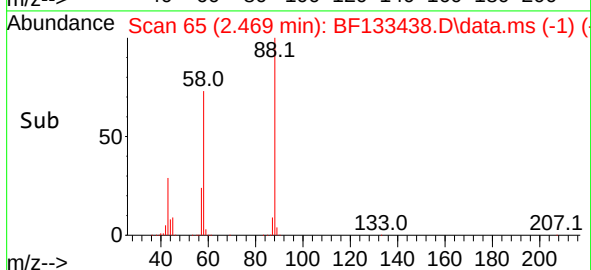
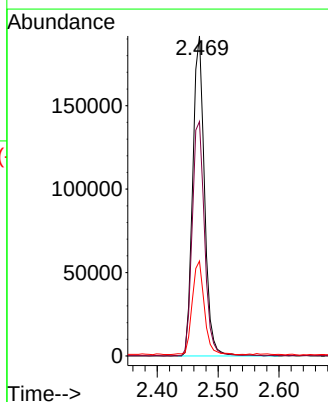
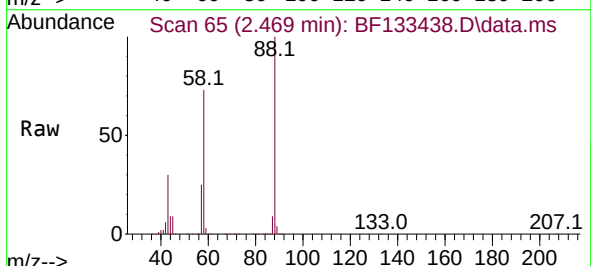
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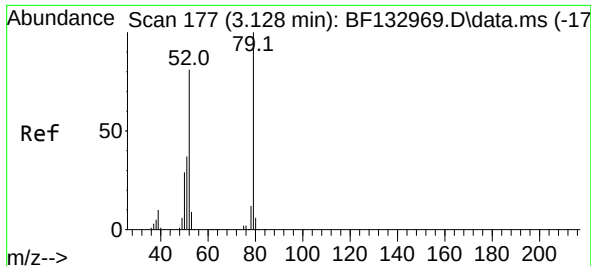
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#2
1,4-Dioxane
Concen: 35.939 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.118 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

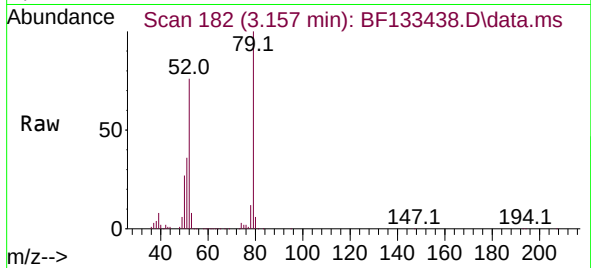
Tgt Ion: 88 Resp: 257492
Ion Ratio Lower Upper
88 100
58 76.9 64.7 97.1
43 29.8 26.2 39.2





#3
Pyridine
Concen: 32.288 ng
RT: 3.157 min Scan# 176
Delta R.T. 0.112 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

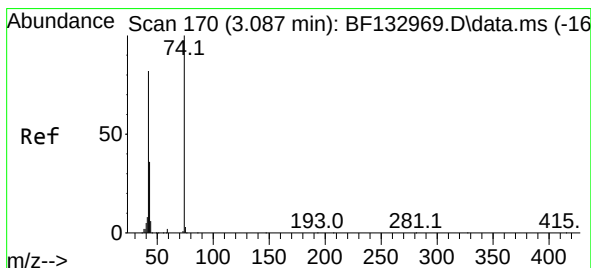
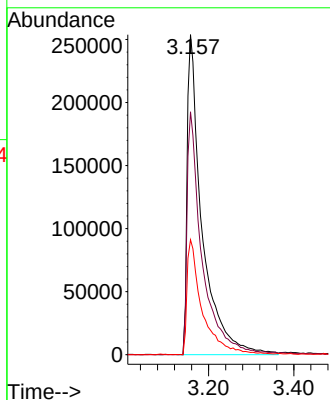
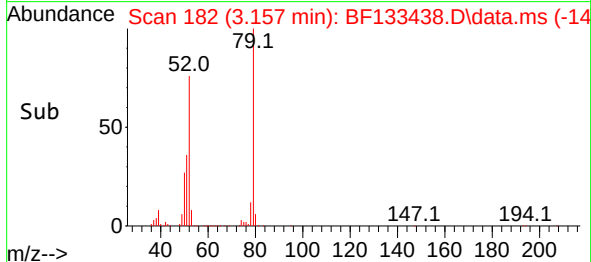
Instrument :
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ClientSampleId :
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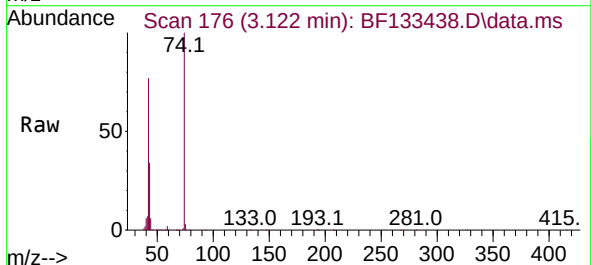
Tgt Ion: 79 Resp: 614410
Ion Ratio Lower Upper
79 100
52 75.9 64.6 96.8
51 35.9 30.0 45.0

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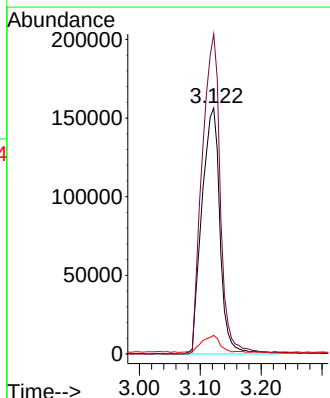
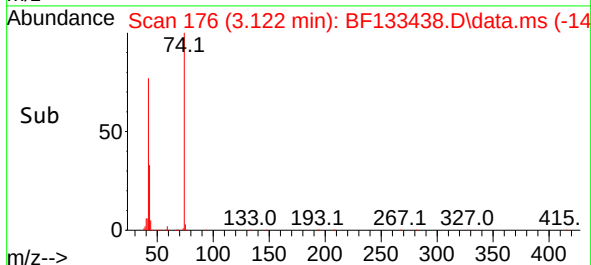
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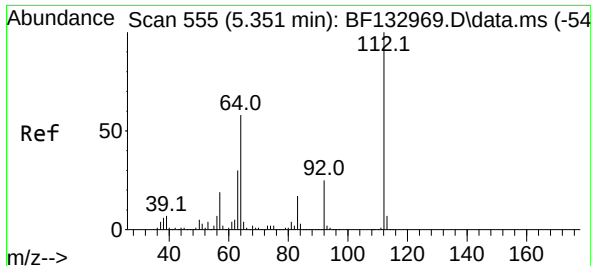


#4
n-Nitrosodimethylamine
Concen: 32.846 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.112 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion: 42 Resp: 323749
Ion Ratio Lower Upper
42 100
74 130.1 98.0 147.0
44 7.5 5.8 8.8





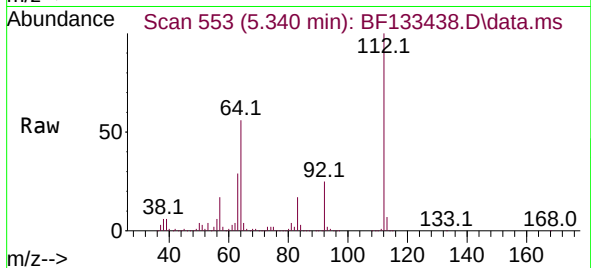
#5
2-Fluorophenol
Concen: 92.758 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

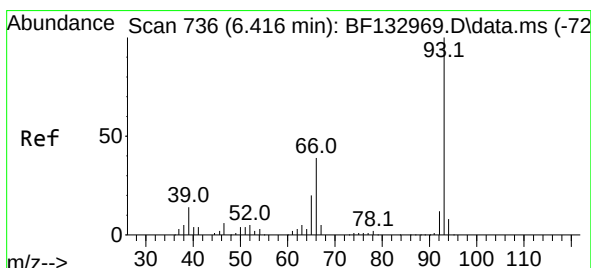
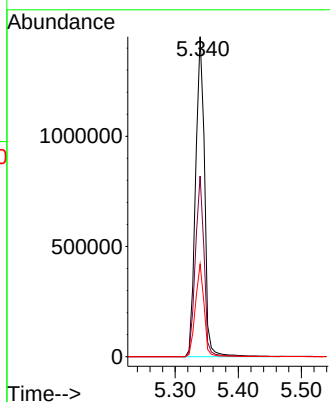
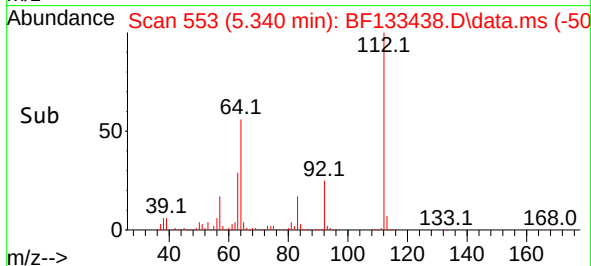


Tgt Ion:112 Resp: 1432790
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.9 23.8 35.8

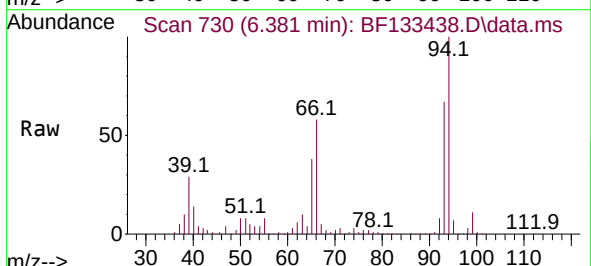
Manual Integrations

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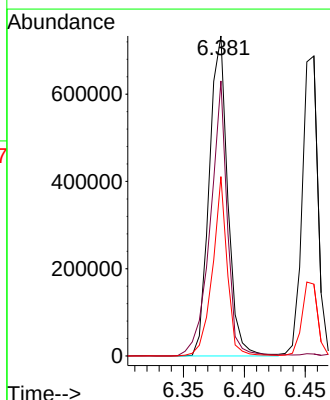
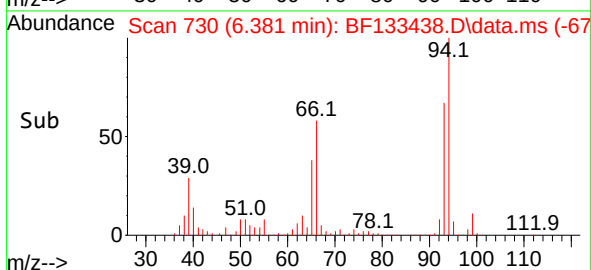
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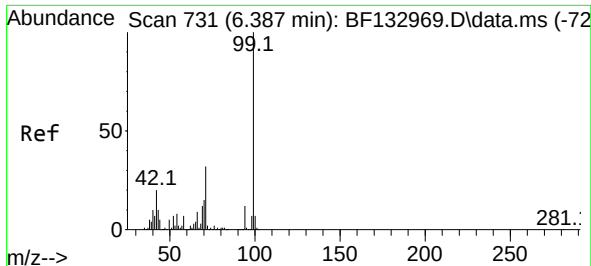


#6
Aniline
Concen: 31.427 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF133438.D
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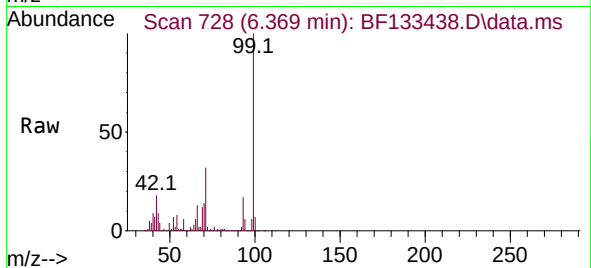
Tgt Ion: 93 Resp: 776042
Ion Ratio Lower Upper
93 100
66 85.9 31.5 47.3#
65 56.1 16.4 24.6#





#7
Phenol-d6
Concen: 91.841 ng
RT: 6.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

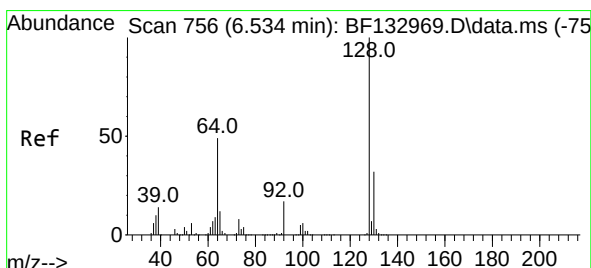
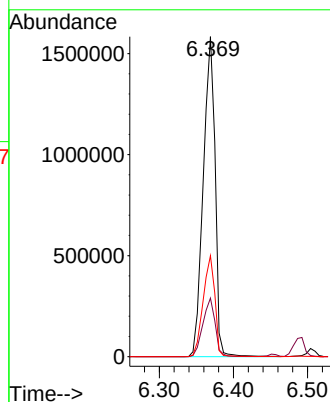
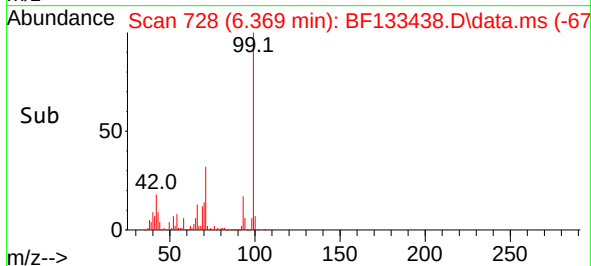
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Tgt Ion: 99 Resp: 1760819
Ion Ratio Lower Upper
99 100
42 18.3 16.3 24.5
71 31.6 25.6 38.4

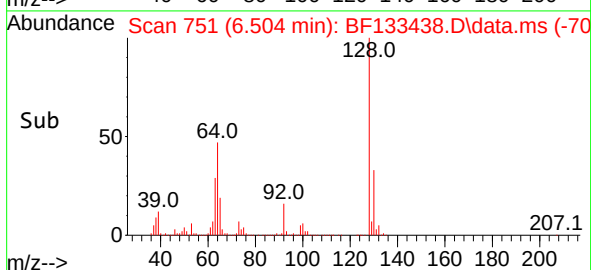
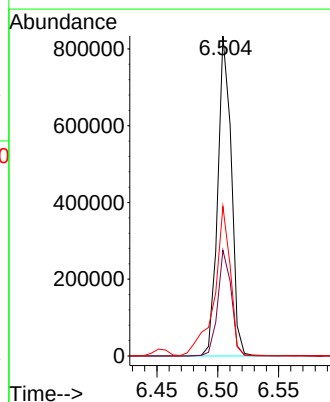
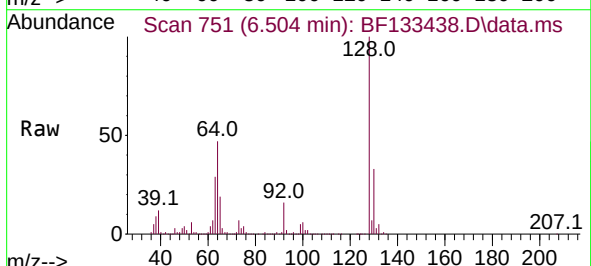
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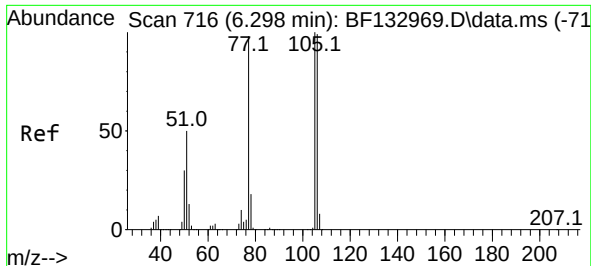
Reviewed By :Christian Giraldo 05/19/2023
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#8
2-Chlorophenol
Concen: 41.133 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:128 Resp: 645102
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 46.7 30.3 70.3





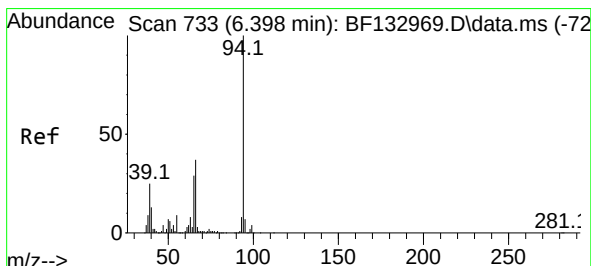
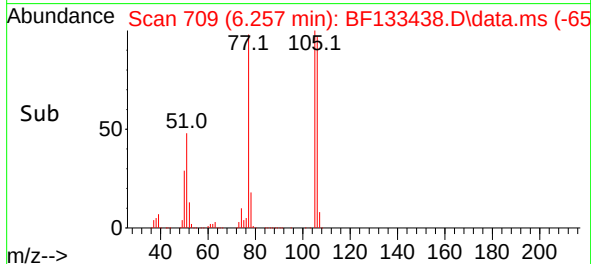
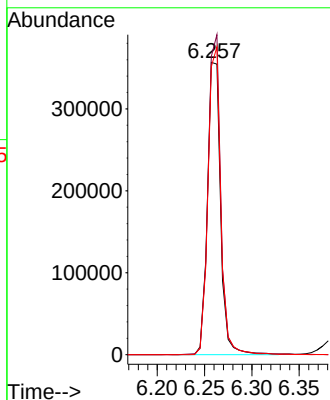
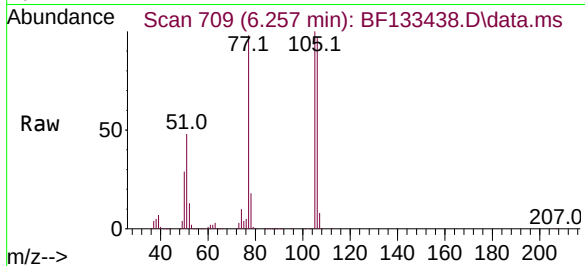
#9
Benzaldehyde
Concen: 38.128 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF133438.D
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Tgt Ion: 77 Resp: 342917
Ion Ratio Lower Upper
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105 102.0 82.3 122.3
106 98.5 80.8 120.8

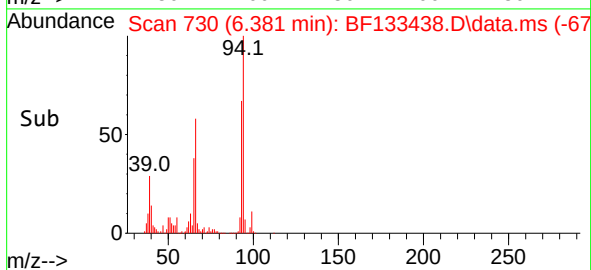
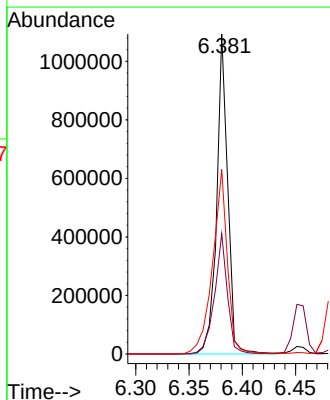
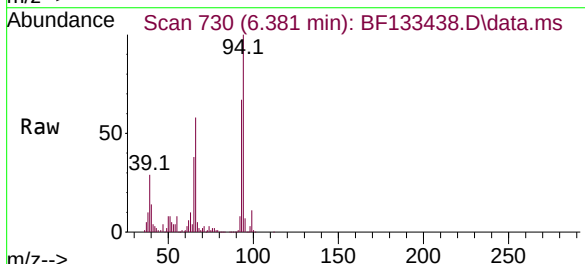
Manual Integrations
APPROVED

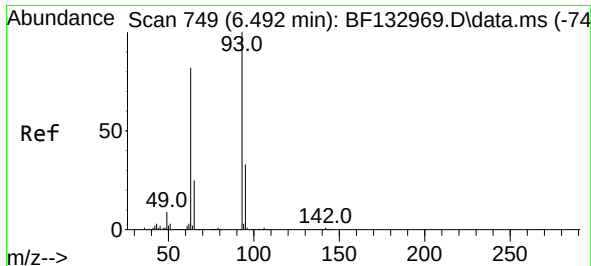
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#10
Phenol
Concen: 37.035 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

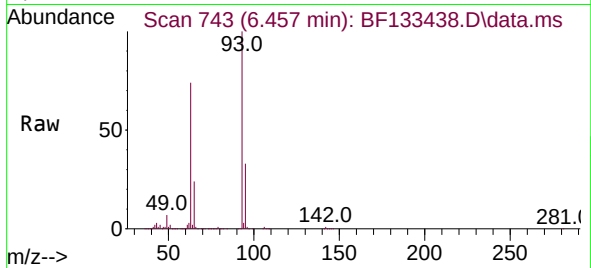
Tgt Ion: 94 Resp: 783316
Ion Ratio Lower Upper
94 100
65 37.6 8.6 48.6
66 57.6 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 38.583 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

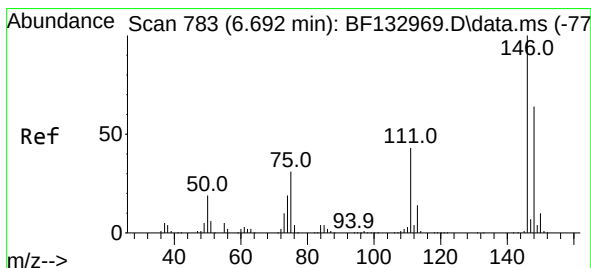
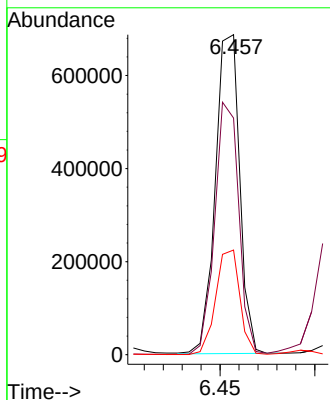
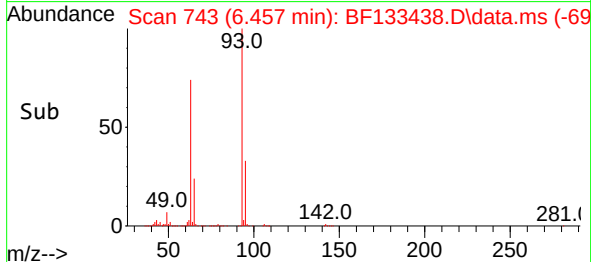
Instrument :
BNA_F
ClientSampleId :
PB152875BS



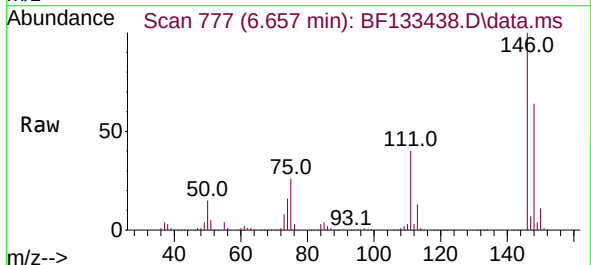
Tgt Ion: 93 Resp: 612370
Ion Ratio Lower Upper
93 100
63 73.9 60.6 100.6
95 32.7 12.9 52.9

Manual Integrations
APPROVED

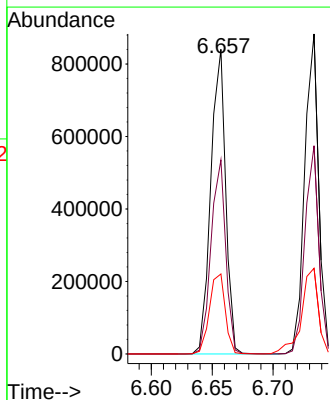
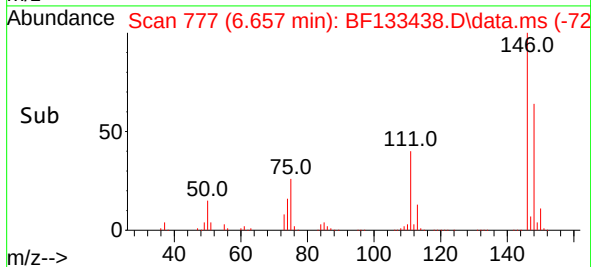
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

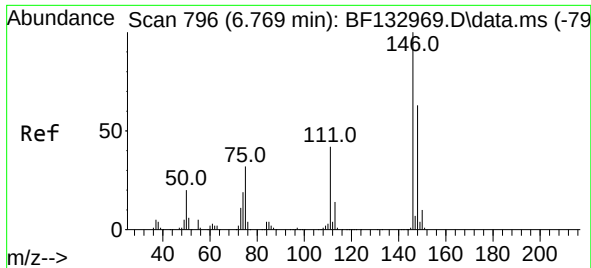


#12
1,3-Dichlorobenzene
Concen: 42.678 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion:146 Resp: 711619
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 26.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 42.441 ng

RT: 6.734 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

Tgt Ion:146 Resp: 709250

Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

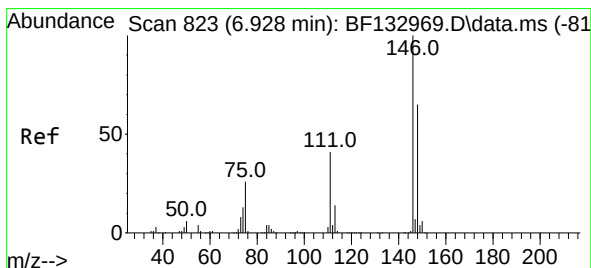
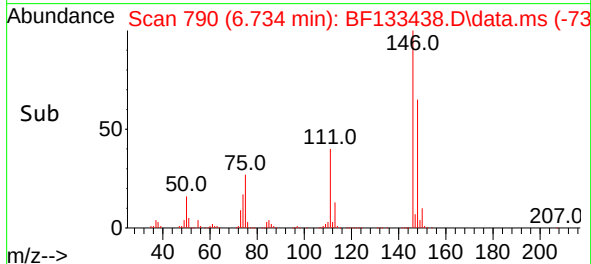
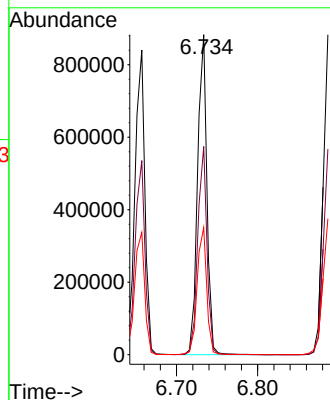
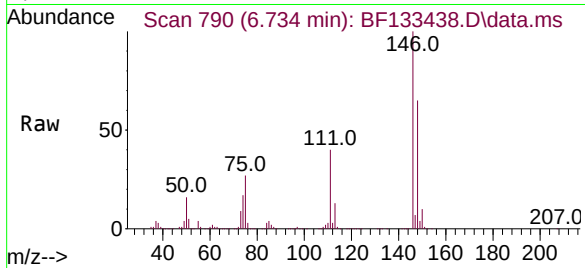
111 39.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#14

1,2-Dichlorobenzene

Concen: 43.169 ng

RT: 6.887 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

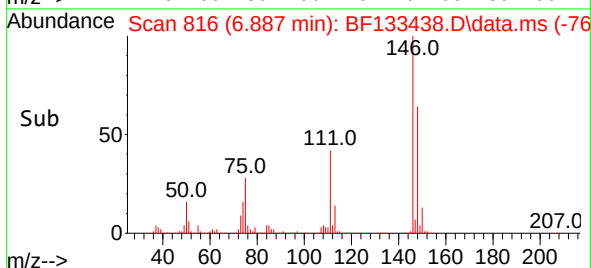
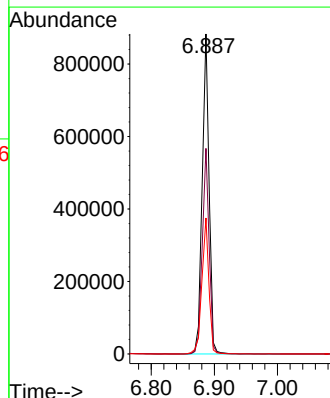
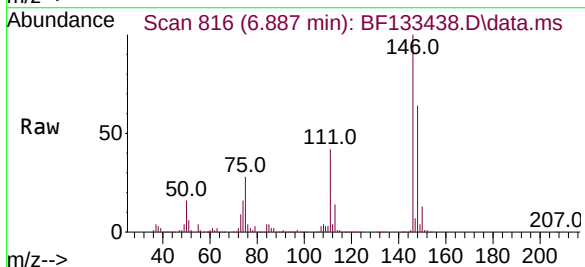
Tgt Ion:146 Resp: 665094

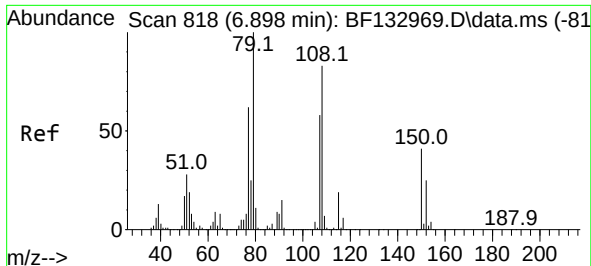
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

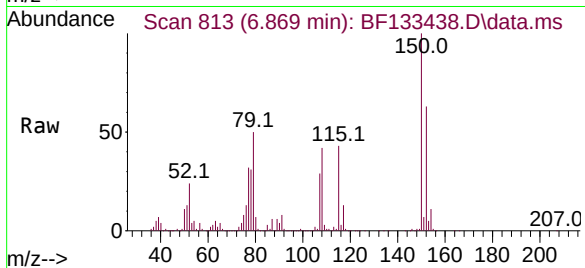
111 42.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 37.485 ng
RT: 6.869 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

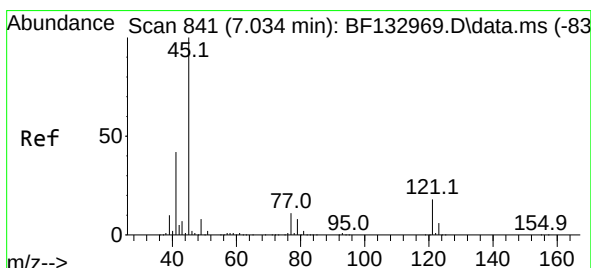
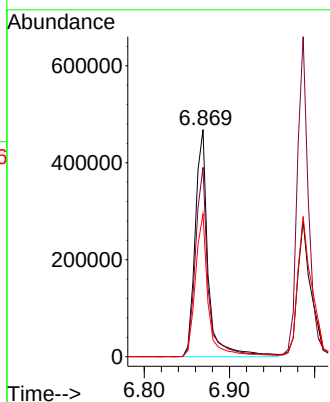
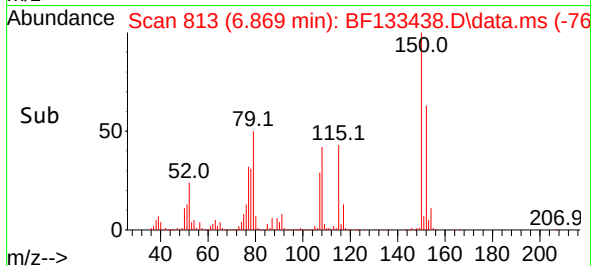
Instrument :
BNA_F
ClientSampleId :
PB152875BS



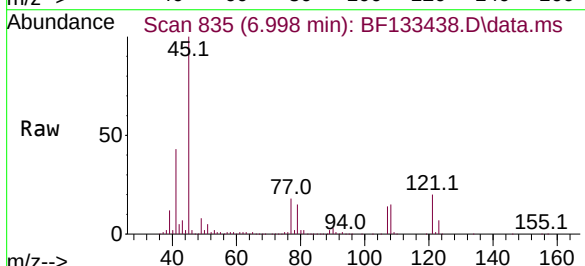
Tgt Ion: 79 Resp: 49644
Ion Ratio Lower Upper
79 100
108 83.4 66.6 99.8
77 62.9 49.2 73.8

Manual Integrations
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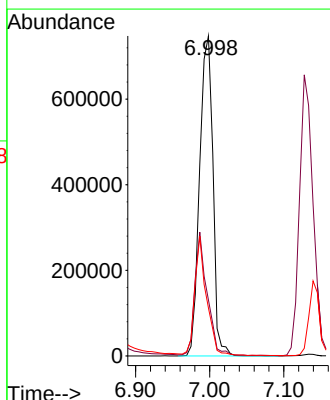
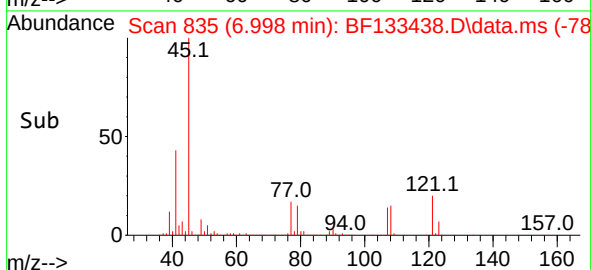
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

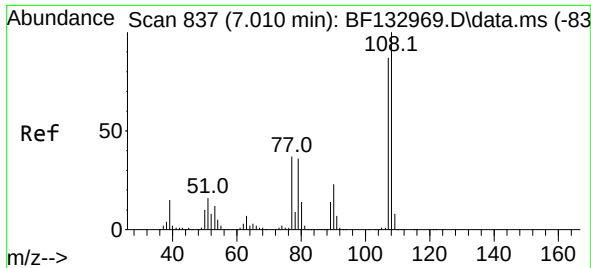


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.937 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion: 45 Resp: 935557
Ion Ratio Lower Upper
45 100
77 17.5 0.0 31.5
79 15.0 0.0 28.7





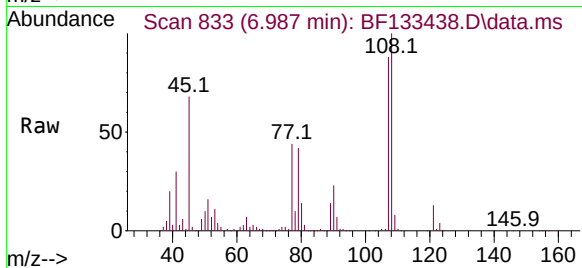
#17
2-Methylphenol
Concen: 37.806 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

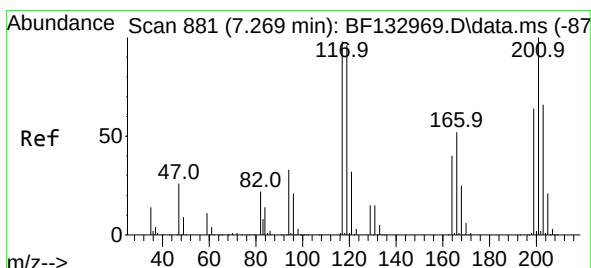
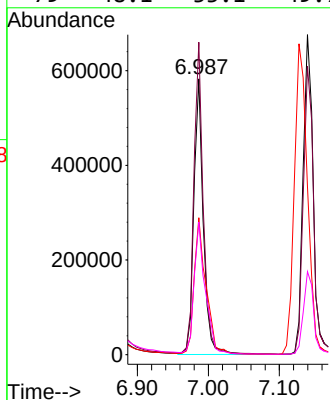
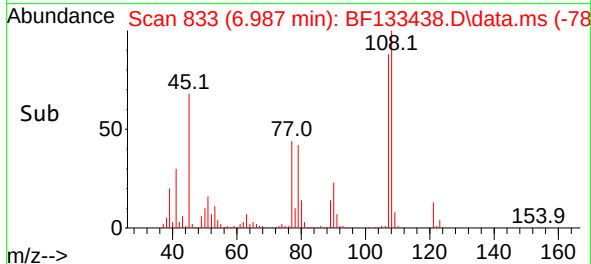


Tgt Ion:107 Resp: 54293
Ion Ratio Lower Upper
107 100
108 113.2 92.4 138.6
77 49.6 33.8 50.8
79 48.1 33.1 49.7

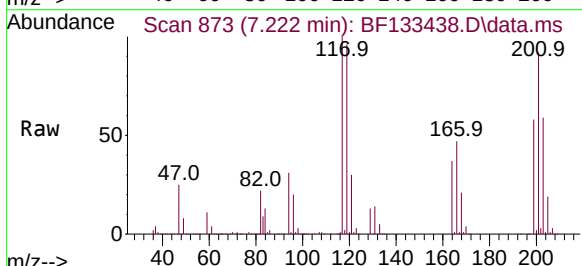
Manual Integrations

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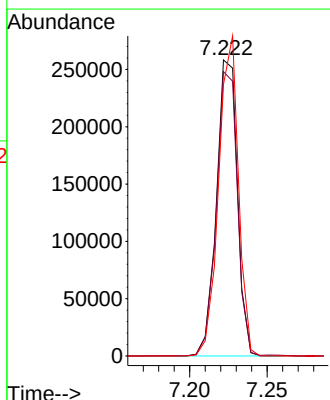
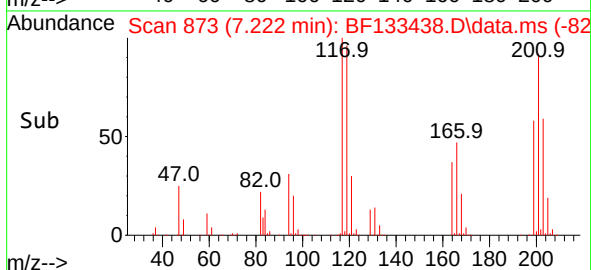
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

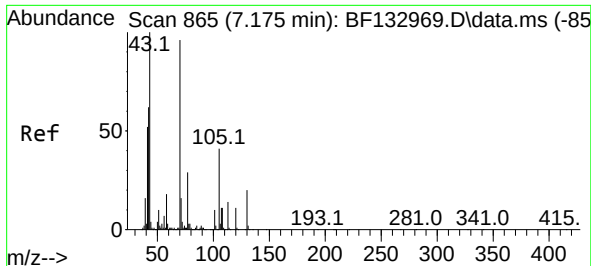


#18
Hexachloroethane
Concen: 41.759 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



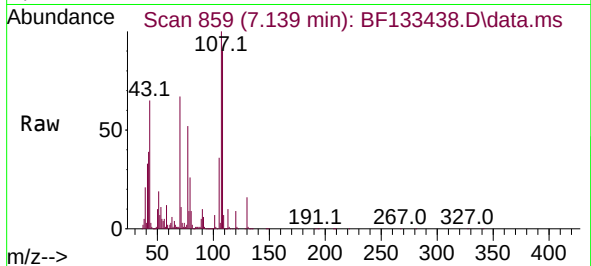
Tgt Ion:117 Resp: 242618
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.4
201 91.8 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 35.369 ng
RT: 7.139 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

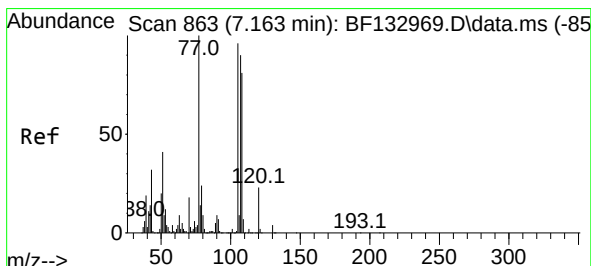
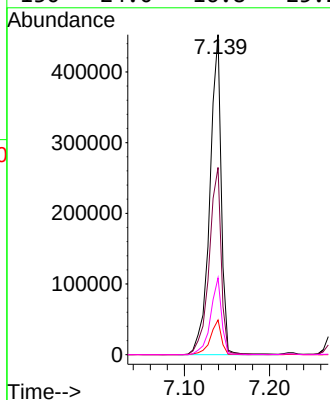
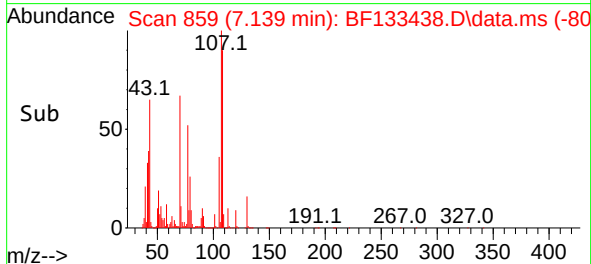
Instrument :
BNA_F
ClientSampleId :
PB152875BS



Tgt Ion: 70 Resp: 422164
Ion Ratio Lower Upper
70 100
42 58.5 51.8 77.6
101 10.9 8.0 12.0
130 24.0 16.8 25.2

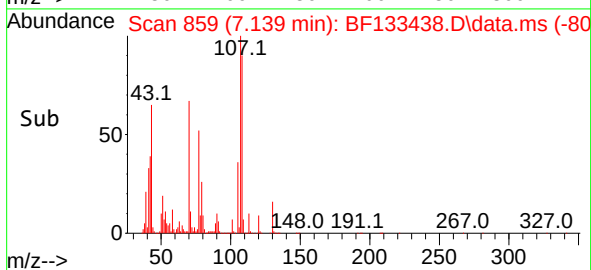
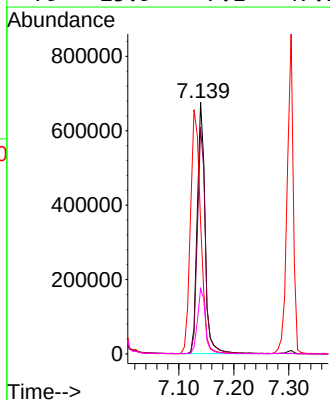
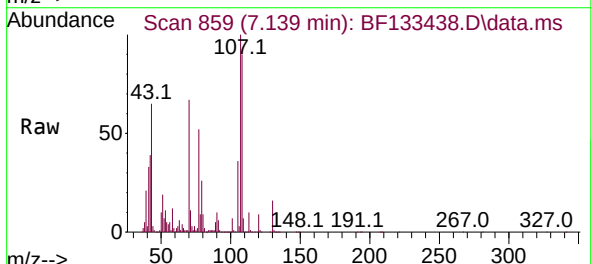
Manual Integrations
APPROVED

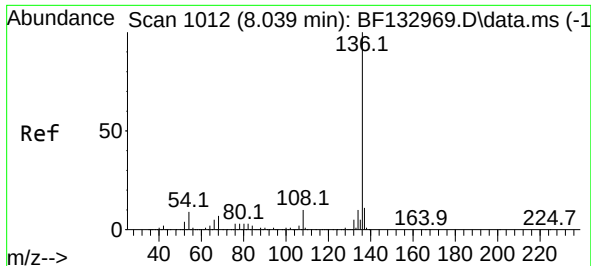
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#20
3+4-Methylphenols
Concen: 39.751 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:107 Resp: 672288
Ion Ratio Lower Upper
107 100
108 90.1 70.5 110.5
77 52.4 91.7 131.7#
79 25.9 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

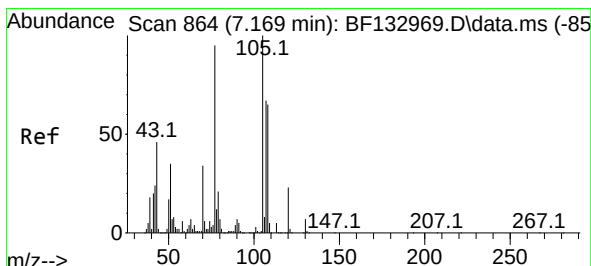
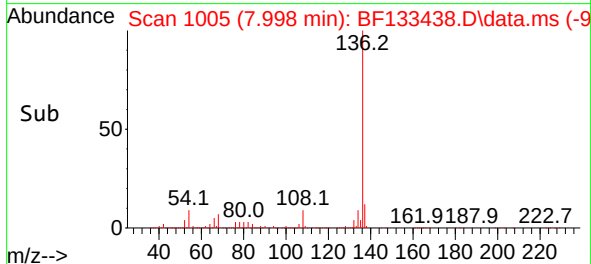
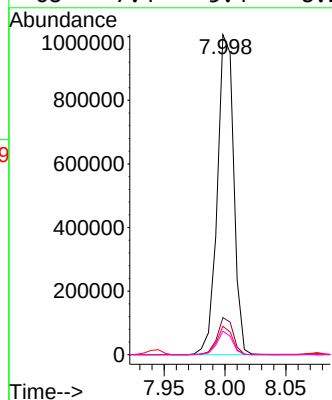
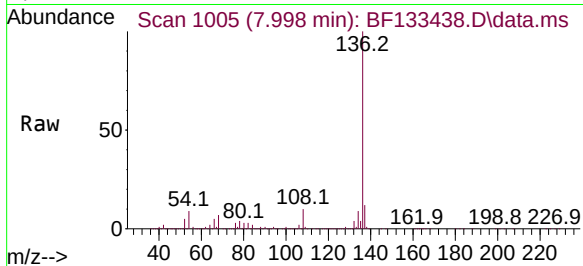
ClientSampleId :

PB152875BS

Tgt Ion:136 Resp: 94383
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 8.8 7.0 10.4
68 7.4 5.4 8.2

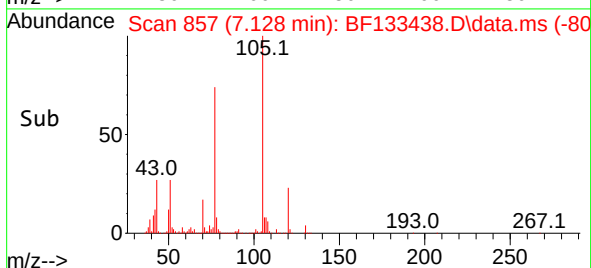
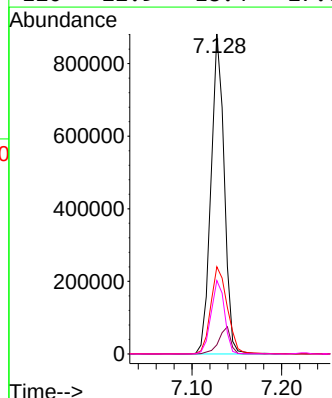
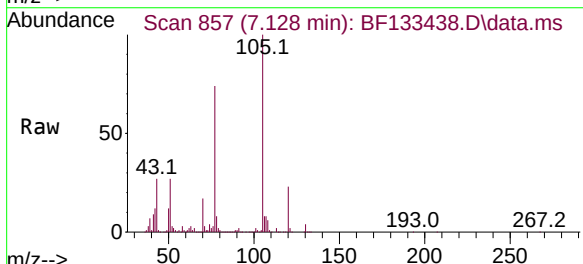
Manual Integrations
APPROVED

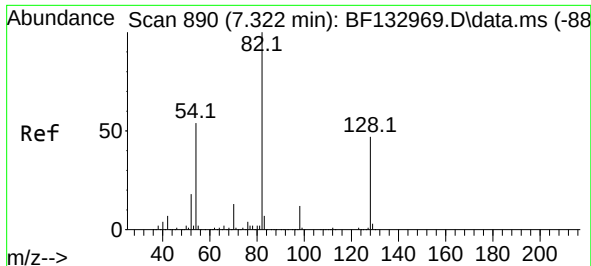
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#22
Acetophenone
Concen: 41.344 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:105 Resp: 903919
Ion Ratio Lower Upper
105 100
71 2.8 4.6 7.0#
51 27.2 28.2 42.2#
120 22.9 18.4 27.6





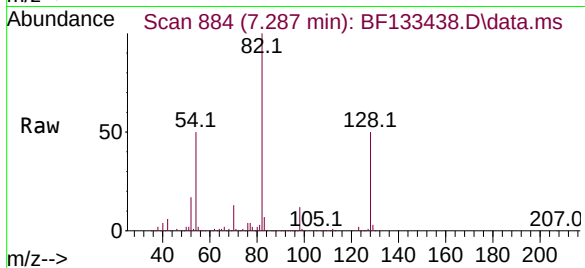
#23
Nitrobenzene-d5
Concen: 60.373 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

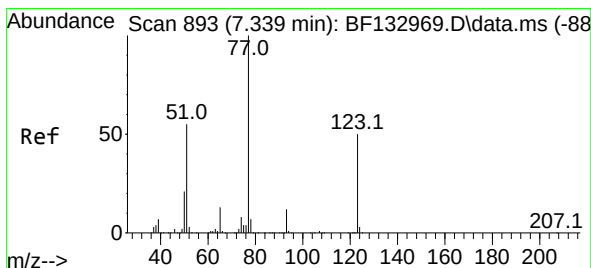
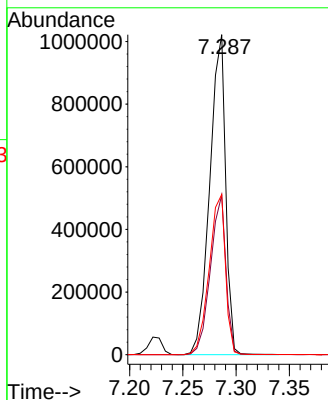
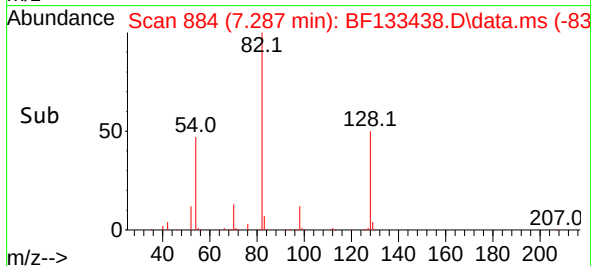
PB152875BS



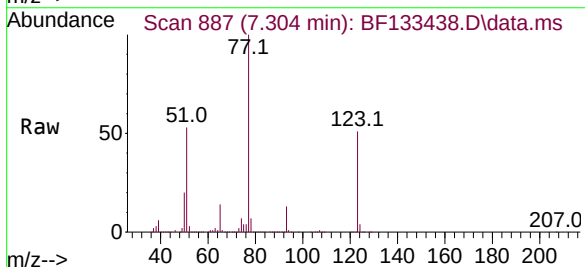
Tgt Ion: 82 Resp: 1055672
Ion Ratio Lower Upper
82 100
128 49.9 37.7 56.5
54 50.1 43.0 64.4

Manual Integrations
APPROVED

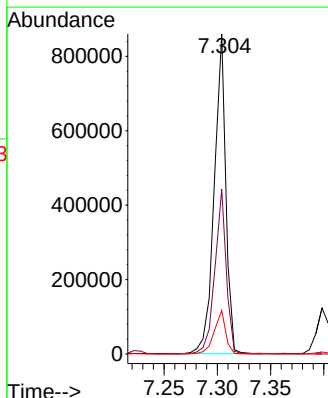
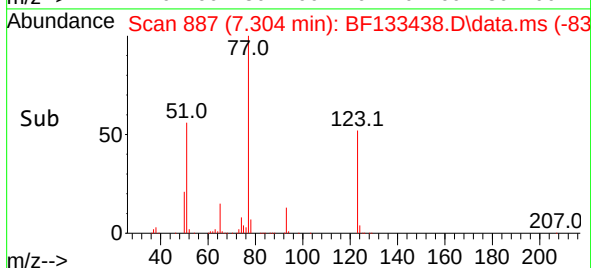
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

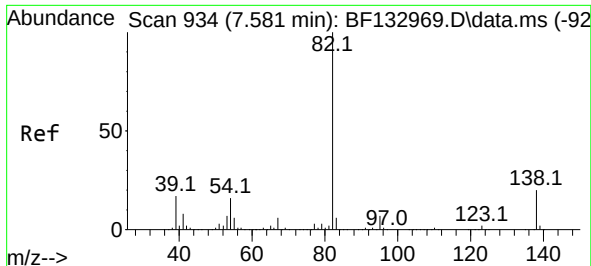


#24
Nitrobenzene
Concen: 36.848 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion: 77 Resp: 652904
Ion Ratio Lower Upper
77 100
123 51.5 39.9 59.9
65 13.6 10.7 16.1





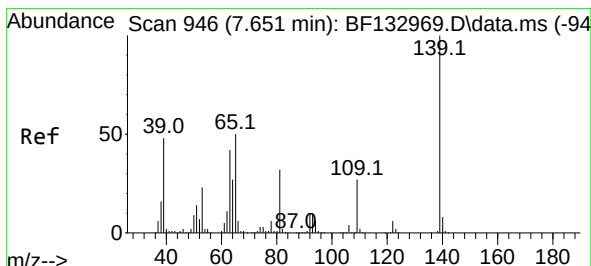
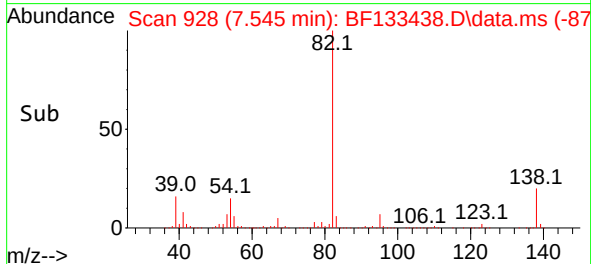
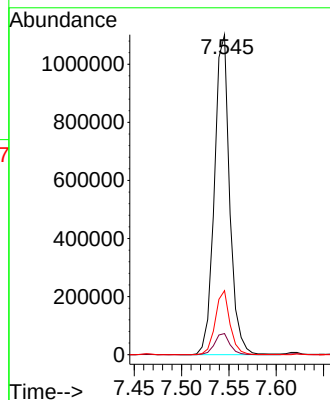
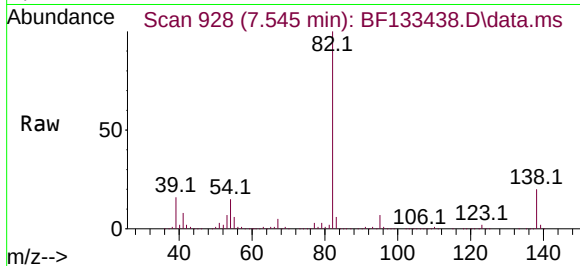
#25
Isophorone
Concen: 37.101 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Tgt Ion: 82 Resp: 123173
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 20.0 16.0 24.0

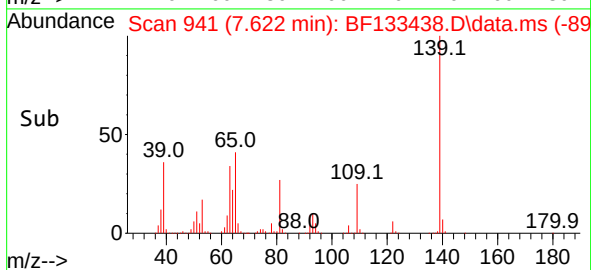
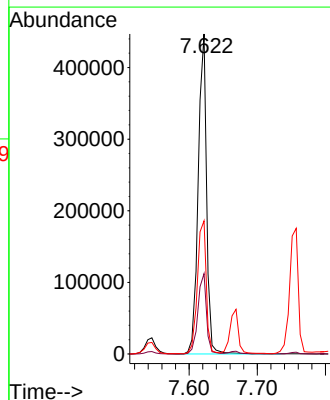
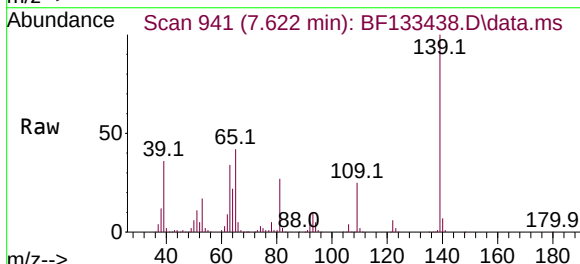
Manual Integrations
APPROVED

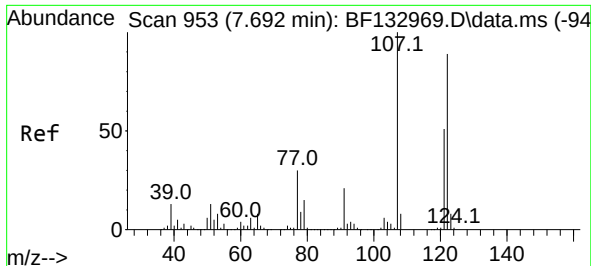
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#26
2-Nitrophenol
Concen: 44.746 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:139 Resp: 382418
Ion Ratio Lower Upper
139 100
109 25.1 21.6 32.4
65 41.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 39.966 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

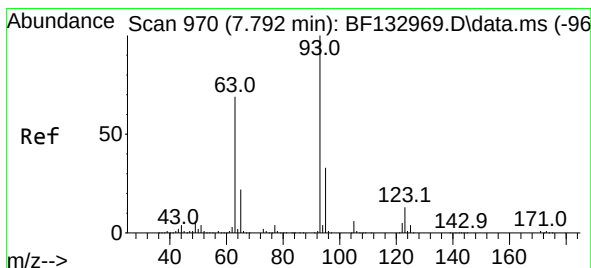
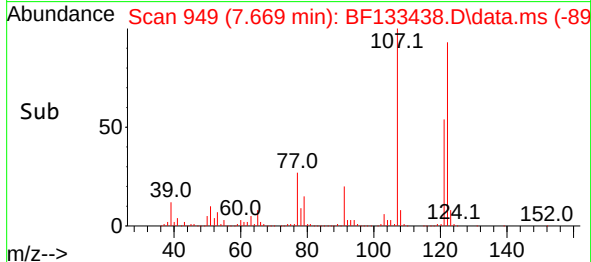
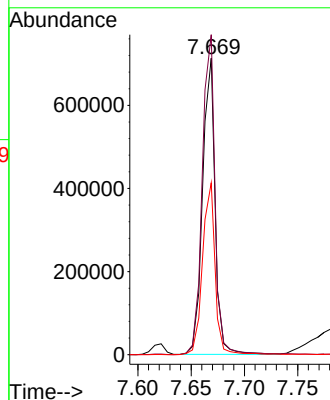
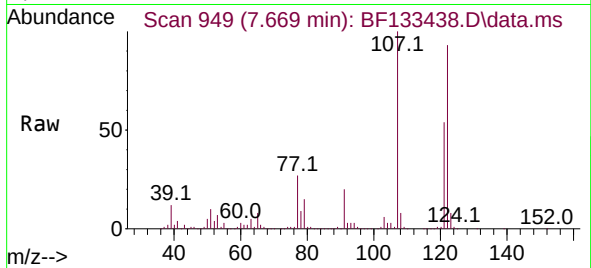
PB152875BS

Tgt Ion:	122	Resp:	58569
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 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.410 ng

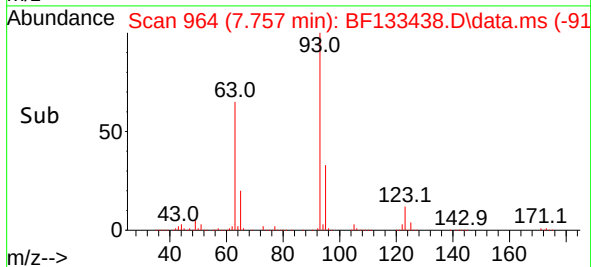
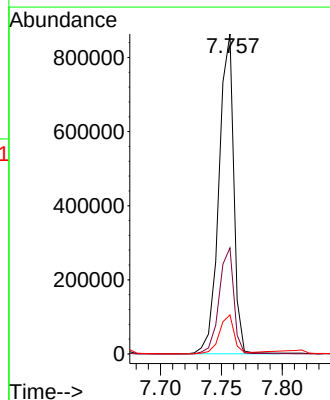
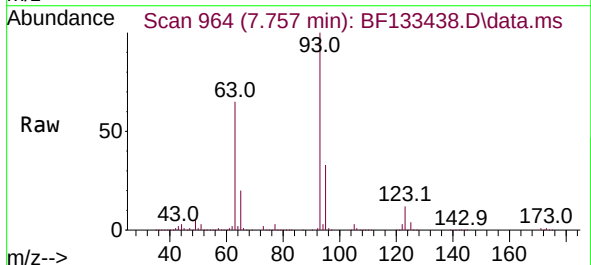
RT: 7.757 min Scan# 964

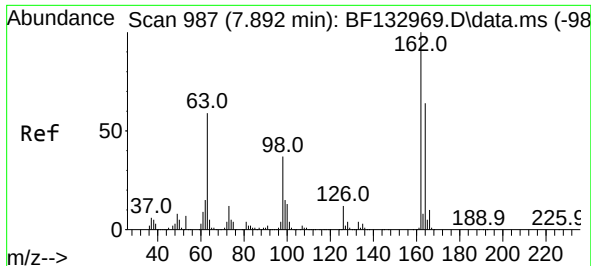
Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Tgt Ion:	93	Resp:	734751
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.2	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 41.211 ng

RT: 7.869 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

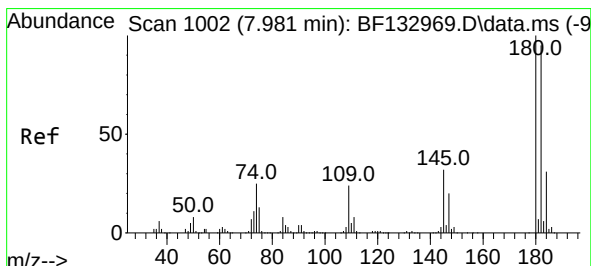
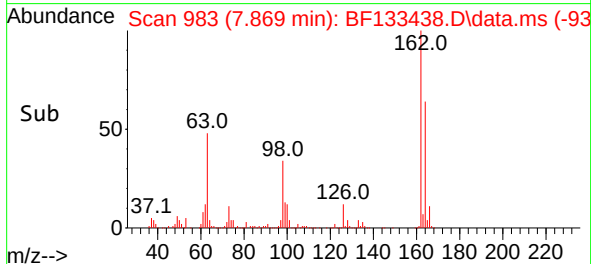
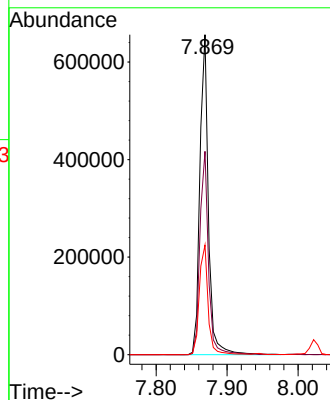
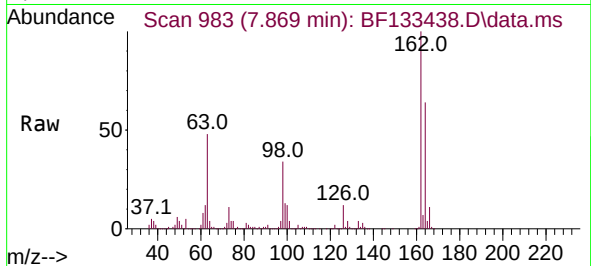
PB152875BS

Tgt Ion:162 Resp: 549792
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.9 83.9
 98 34.3 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.415 ng

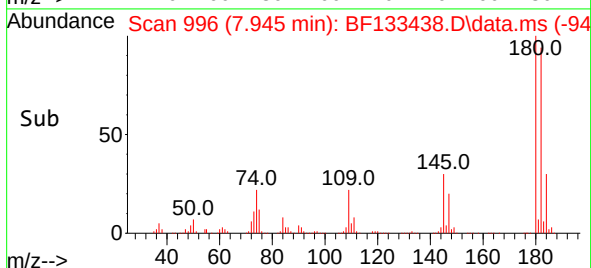
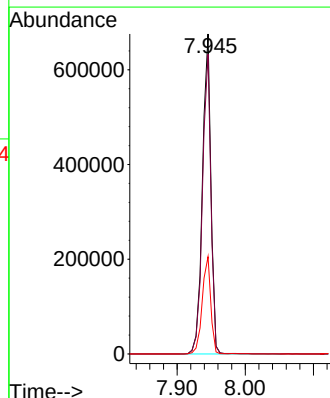
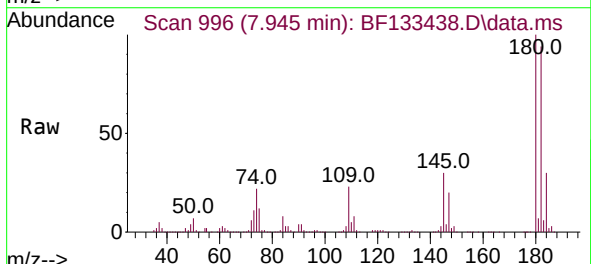
RT: 7.945 min Scan# 996

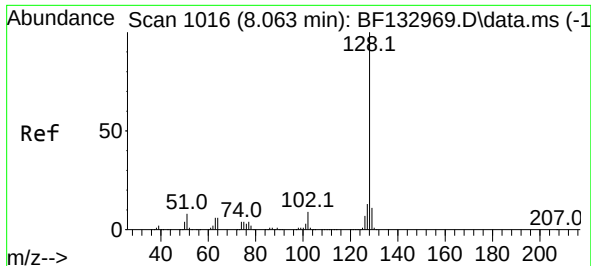
Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Tgt Ion:180 Resp: 586210
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.9 113.9
 145 30.4 25.3 37.9





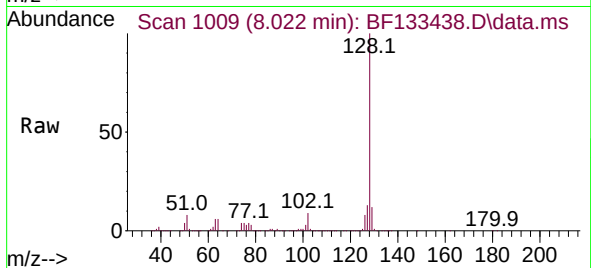
#31
Naphthalene
Concen: 39.688 ng
RT: 8.022 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

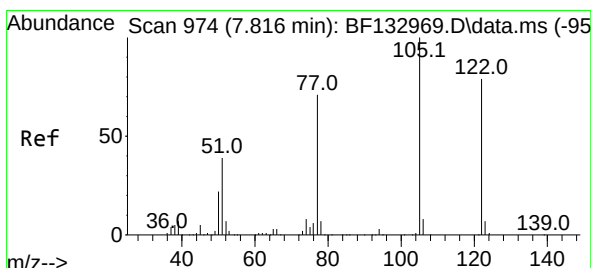
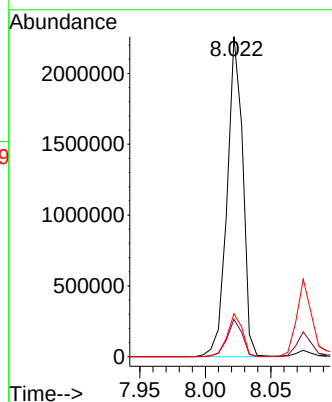
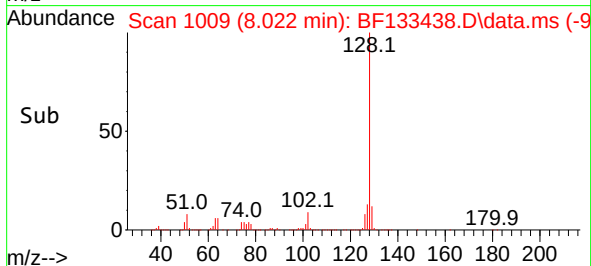


Tgt Ion:128 Resp: 1872818
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.4 10.7 16.1

Manual Integrations

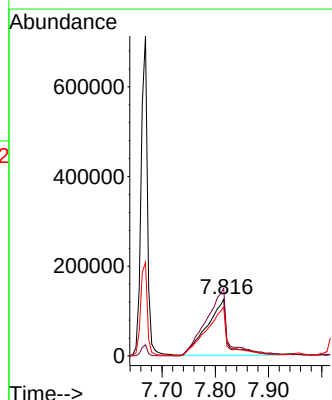
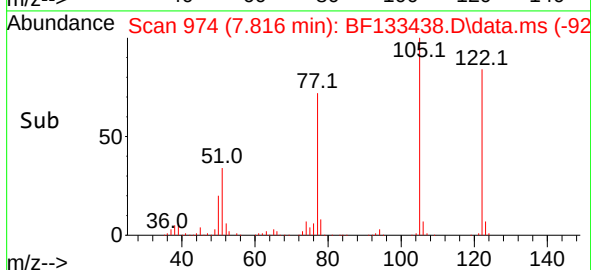
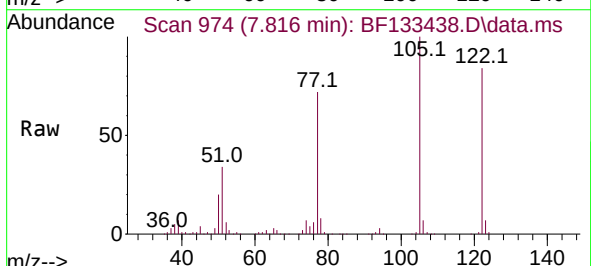
APPROVED

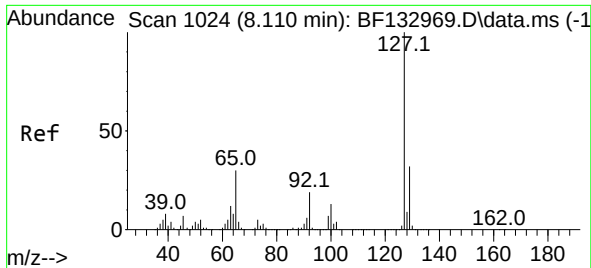
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#32
Benzoic acid
Concen: 37.958 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:122 Resp: 343596
Ion Ratio Lower Upper
122 100
105 119.1 104.2 144.2
77 86.3 69.7 109.7





#33
4-Chloroaniline
Concen: 25.913 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

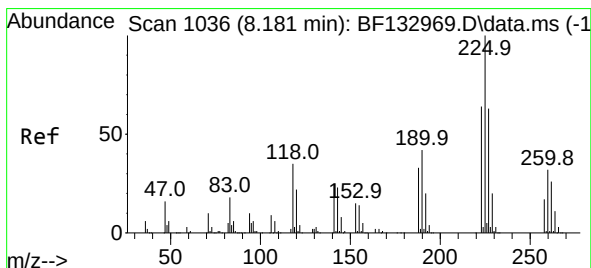
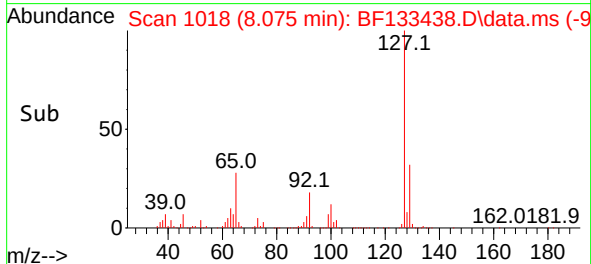
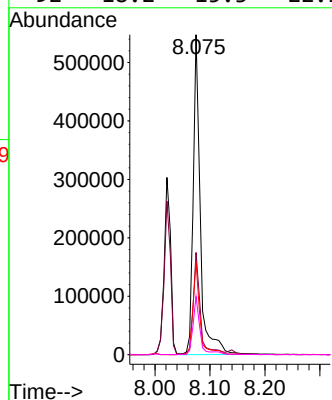
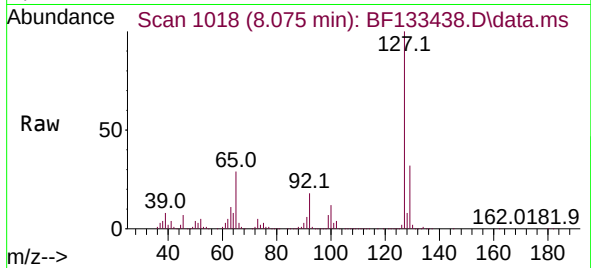
PB152875BS

Tgt Ion:127 Resp: 494054
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 28.9 23.6 35.4
92 18.2 15.3 22.9

Manual Integrations

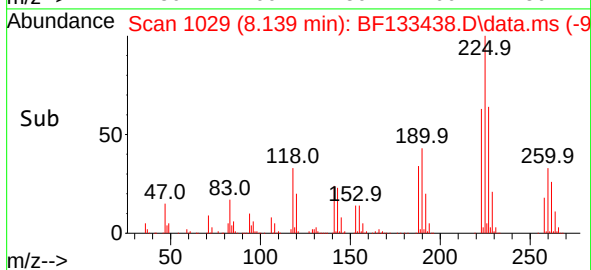
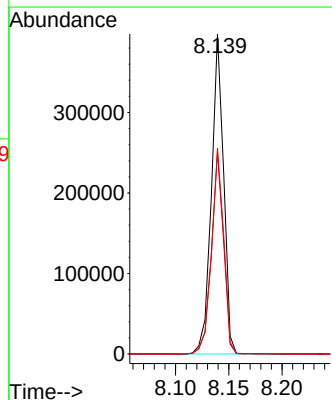
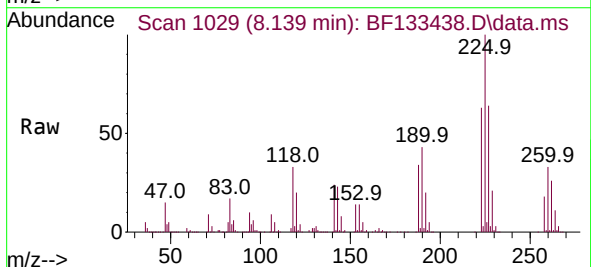
APPROVED

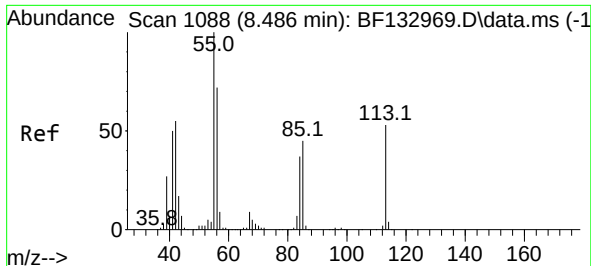
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#34
Hexachlorobutadiene
Concen: 41.162 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

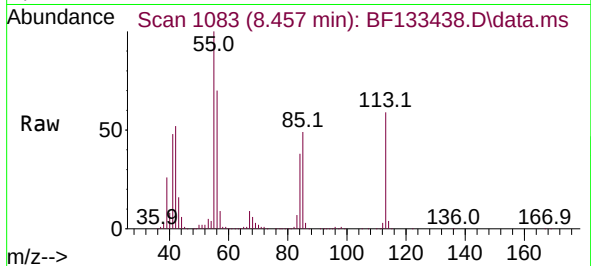
Tgt Ion:225 Resp: 315308
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 64.2 50.3 75.5





#35
 Caprolactam
 Concen: 43.626 ng m
 RT: 8.457 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03

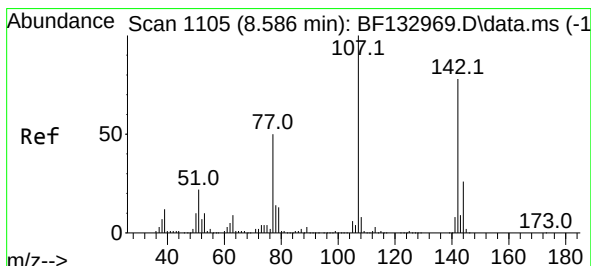
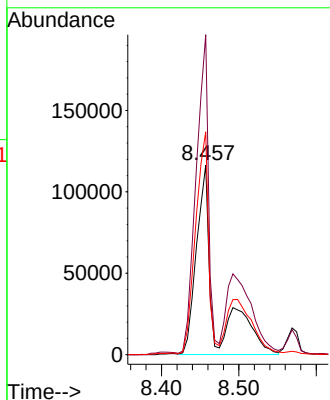
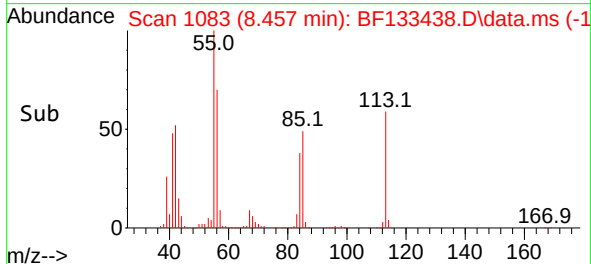
Instrument :
 BNA_F
 ClientSampleId :
 PB152875BS



Tgt Ion:113 Resp: 19551
 Ion Ratio Lower Upper
 113 100
 55 168.7 167.1 207.1
 56 117.5 114.5 154.5

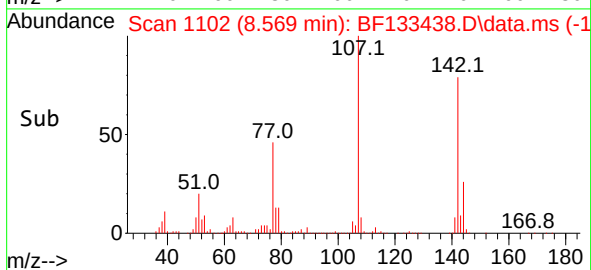
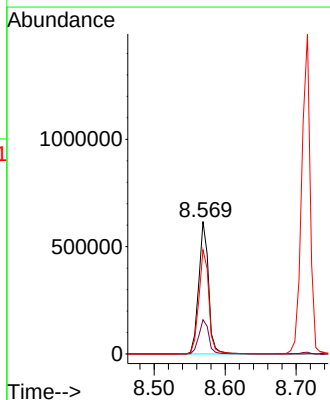
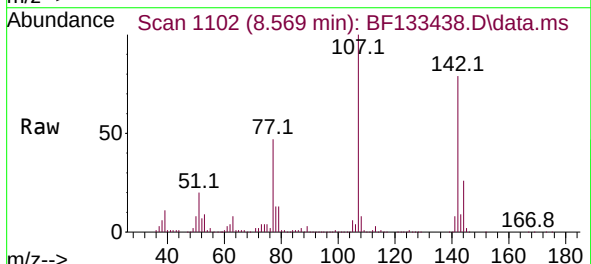
Manual Integrations
 APPROVED

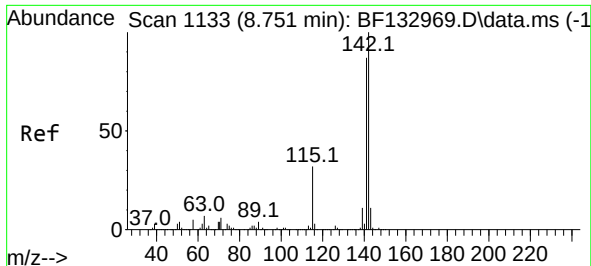
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.193 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03

Tgt Ion:107 Resp: 592618
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 30.8
 142 78.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.882 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

Tgt Ion:142 Resp: 1222134

Ion Ratio Lower Upper

142 100

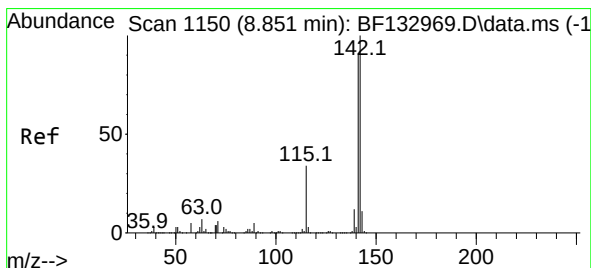
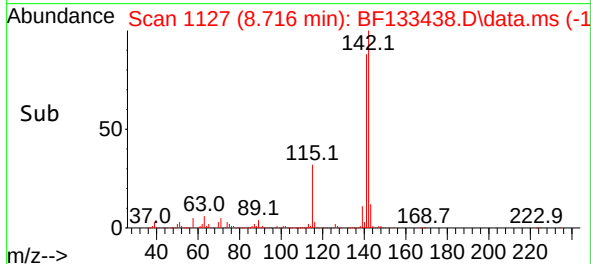
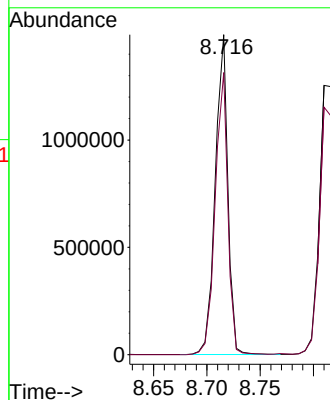
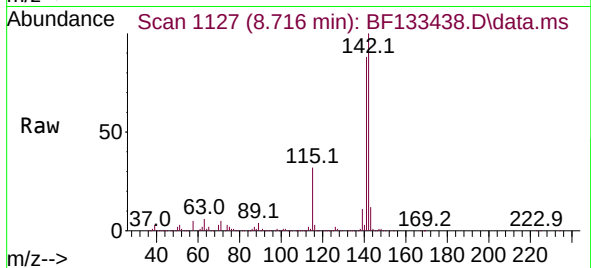
141 88.2 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#38

1-Methylnaphthalene

Concen: 38.495 ng

RT: 8.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF133438.D

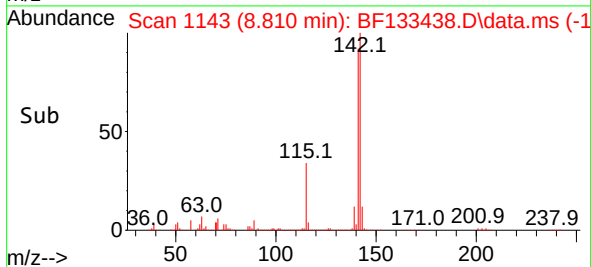
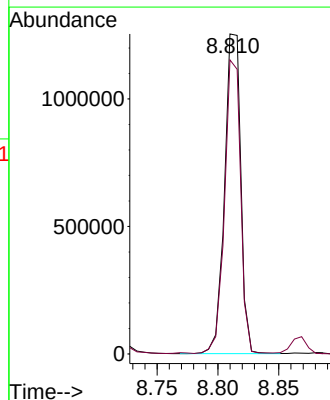
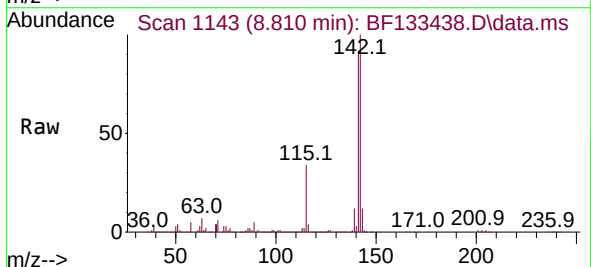
Acq: 18 May 2023 15:03

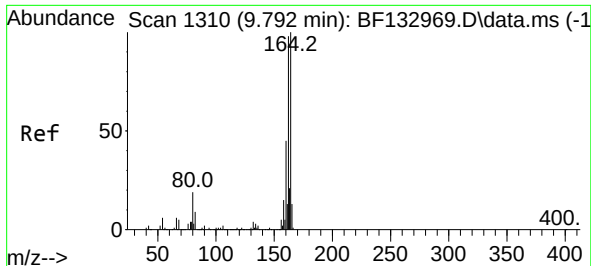
Tgt Ion:142 Resp: 1161796

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7





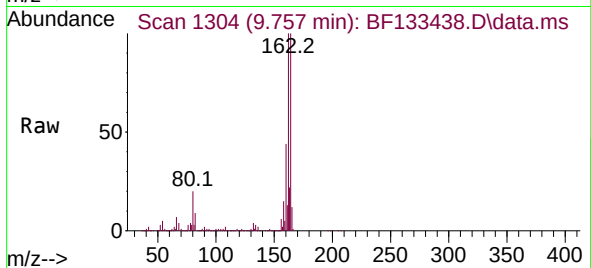
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

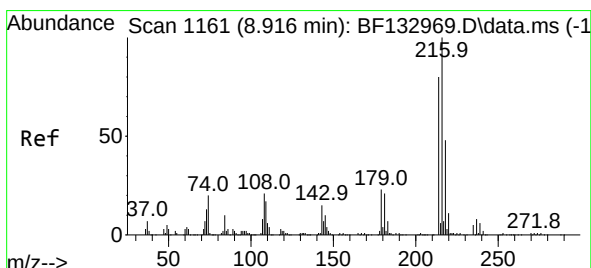
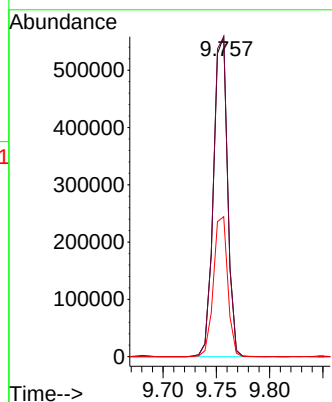
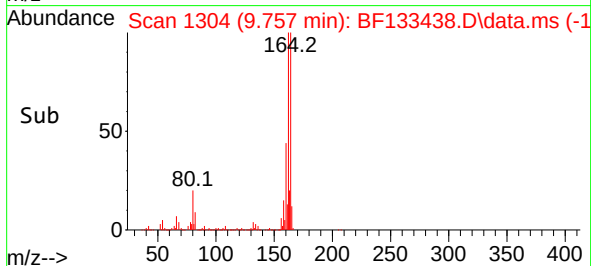


Tgt Ion:164 Resp: 516230
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 43.7 35.8 53.6

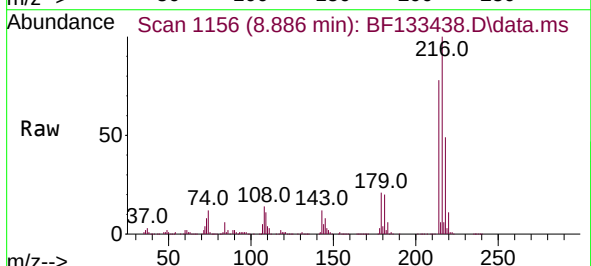
Manual Integrations

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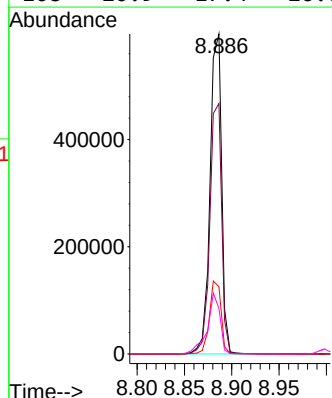
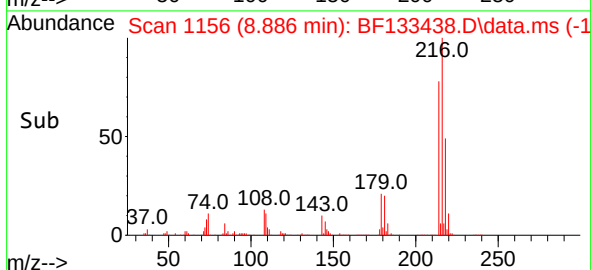
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

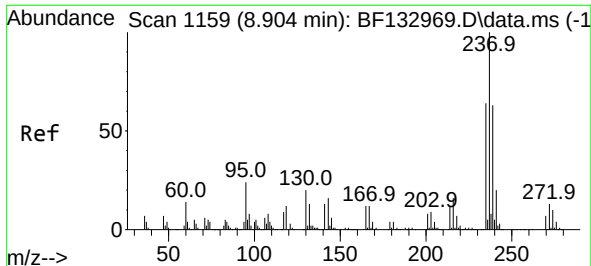


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.650 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



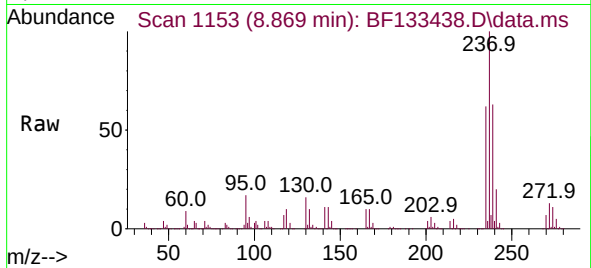
Tgt Ion:216 Resp: 508704
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 22.8 17.4 26.2
108 20.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 66.018 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

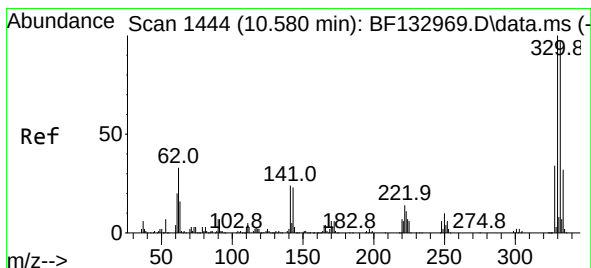
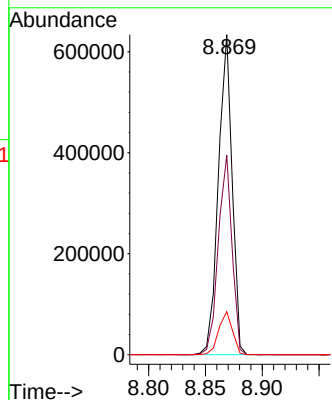
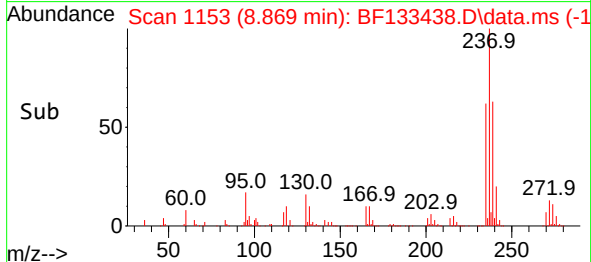
Instrument :
BNA_F
ClientSampleId :
PB152875BS



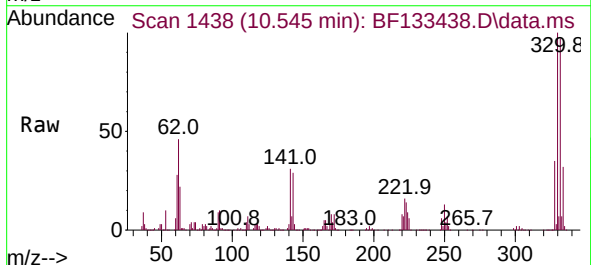
Tgt Ion: 237 Resp: 53440
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 13.4 0.0 32.7

Manual Integrations
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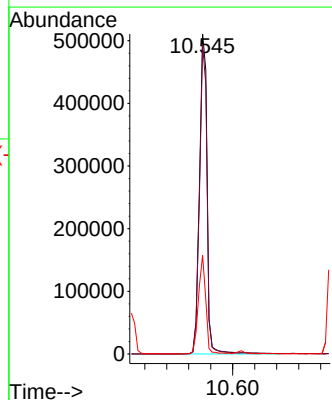
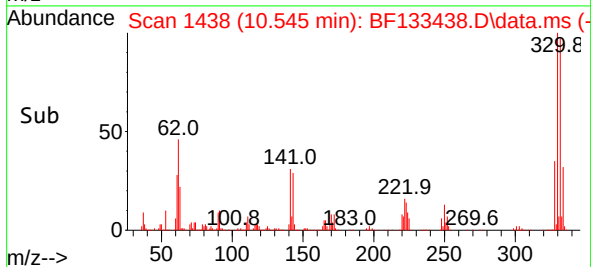
Reviewed By : Christian Giraldo 05/19/2023
Supervised By : Jagrut Upadhyay 05/19/2023

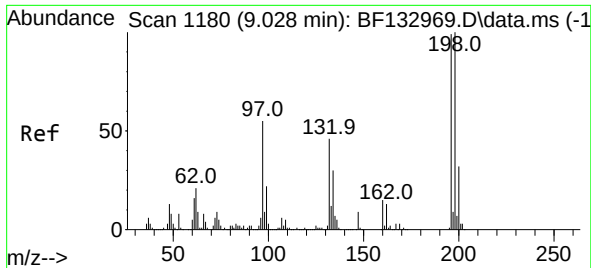


#42
2,4,6-Tribromophenol
Concen: 94.695 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



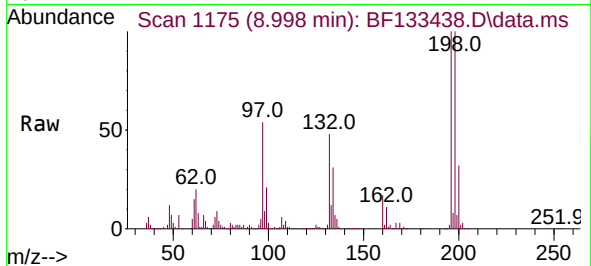
Tgt Ion: 330 Resp: 491627
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 29.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 39.065 ng
RT: 8.998 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

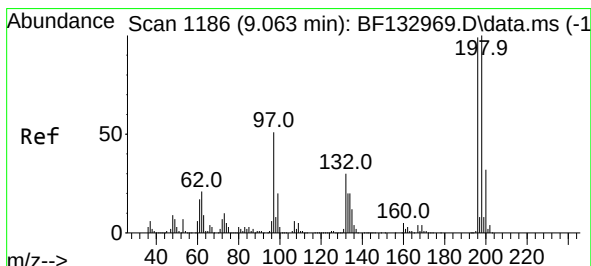
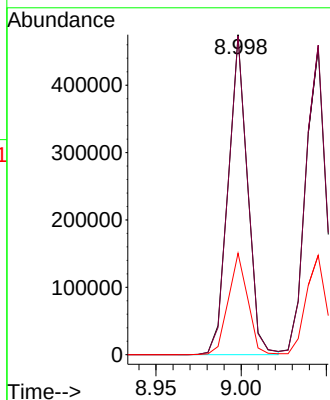
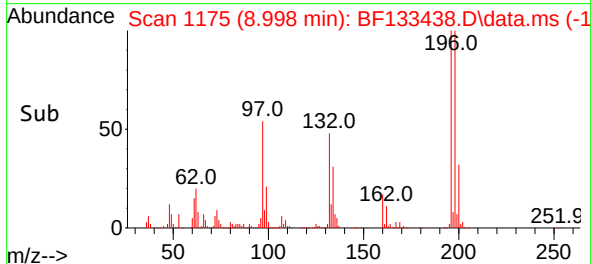
Instrument :
BNA_F
ClientSampleId :
PB152875BS



Tgt Ion:196 Resp: 37498
Ion Ratio Lower Upper
196 100
198 99.6 81.0 121.6
200 31.7 26.1 39.1

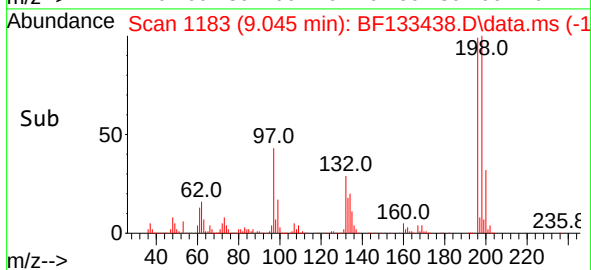
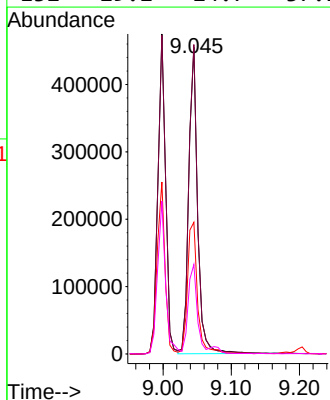
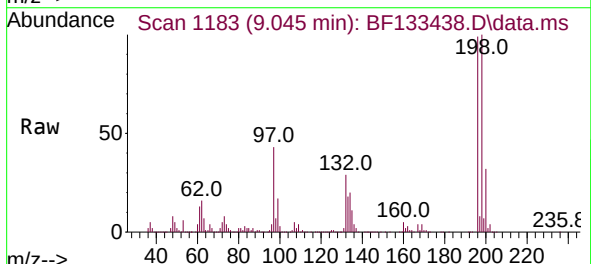
Manual Integrations
APPROVED

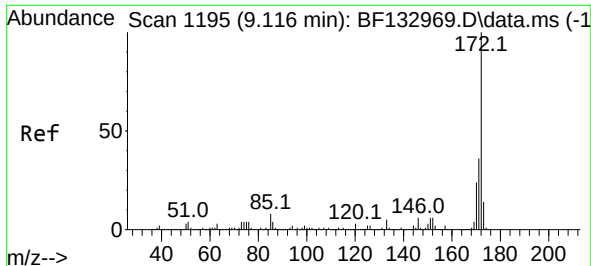
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#44
2,4,5-Trichlorophenol
Concen: 36.855 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:196 Resp: 409143
Ion Ratio Lower Upper
196 100
198 100.9 80.9 121.3
97 43.0 41.3 61.9
132 29.2 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 65.070 ng
RT: 9.081 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

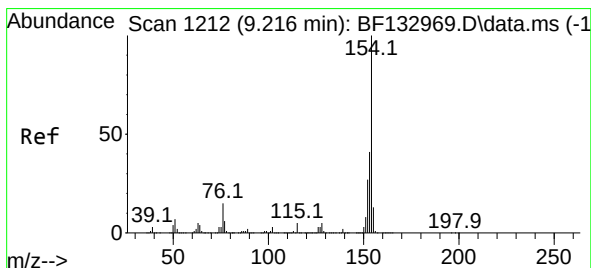
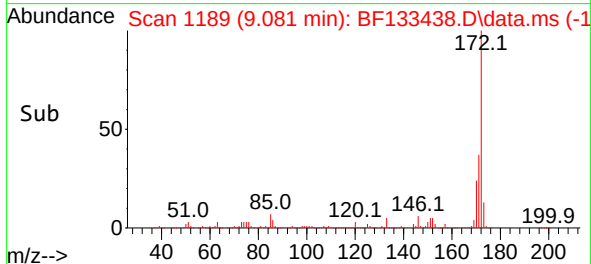
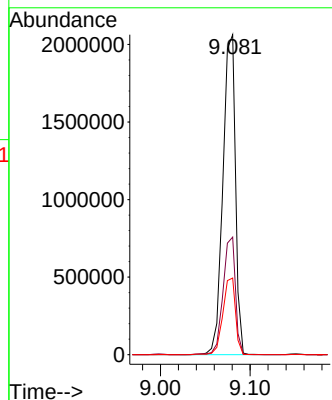
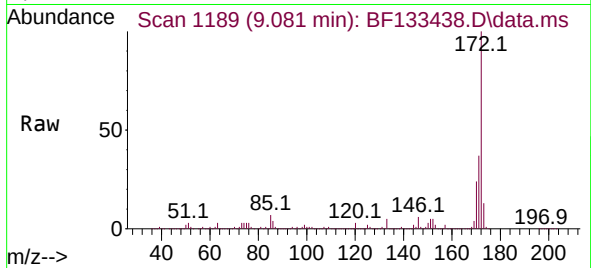
PB152875BS

Tgt Ion:172 Resp: 200782
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 23.9 19.4 29.2

Manual Integrations

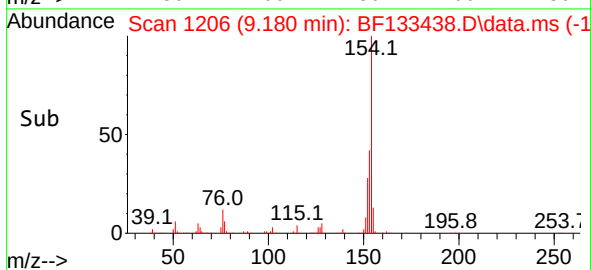
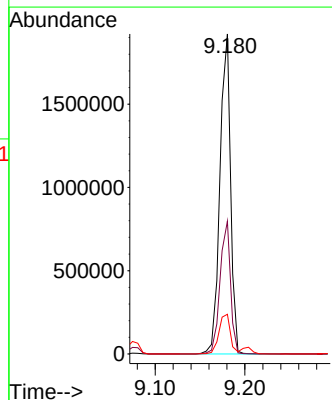
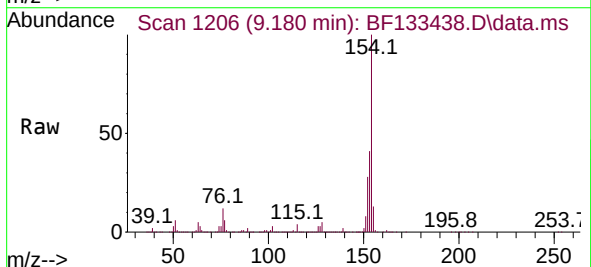
APPROVED

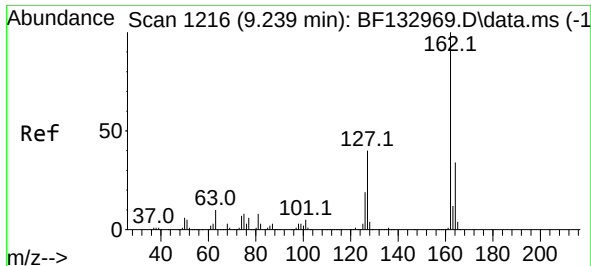
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#46
1,1'-Biphenyl
Concen: 38.562 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:154 Resp: 1578513
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 12.4 0.0 34.5





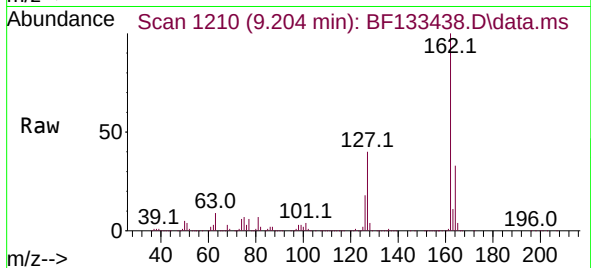
#47
2-Chloronaphthalene
Concen: 39.464 ng
RT: 9.204 min Scan# 118239
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

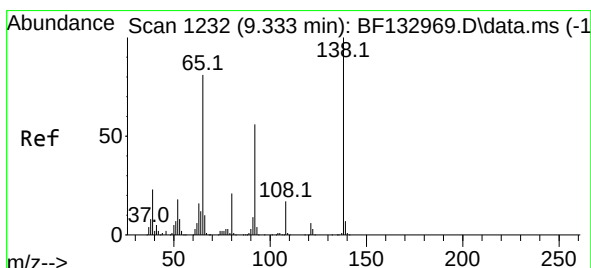
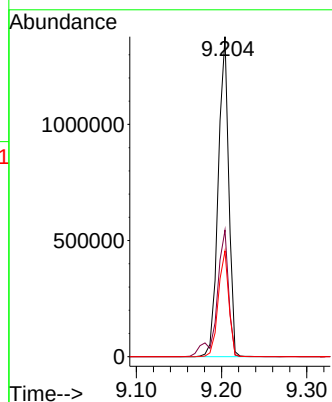
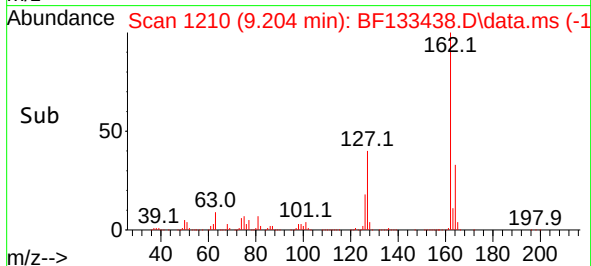


Tgt Ion:162 Resp: 118239
Ion Ratio Lower Upper
162 100
127 39.6 32.3 48.5
164 33.0 26.8 40.2

Manual Integrations

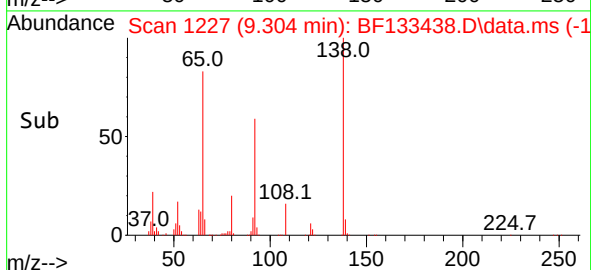
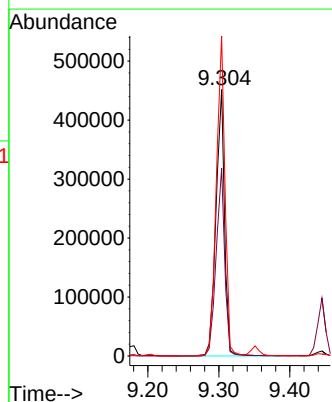
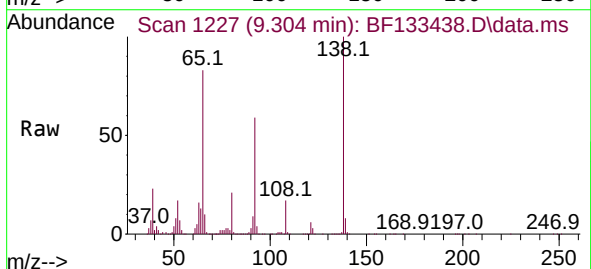
APPROVED

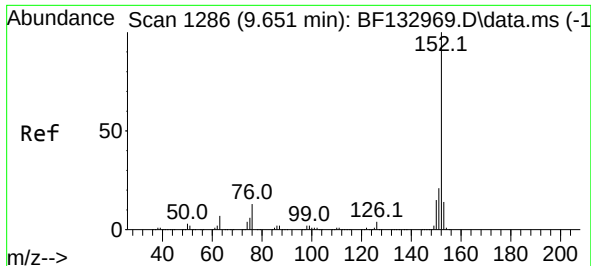
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#48
2-Nitroaniline
Concen: 38.533 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion: 65 Resp: 381558
Ion Ratio Lower Upper
65 100
92 70.5 55.4 83.0
138 120.1 98.2 147.2





#49

Acenaphthylene

Concen: 38.933 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

Tgt Ion:152 Resp: 186385

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

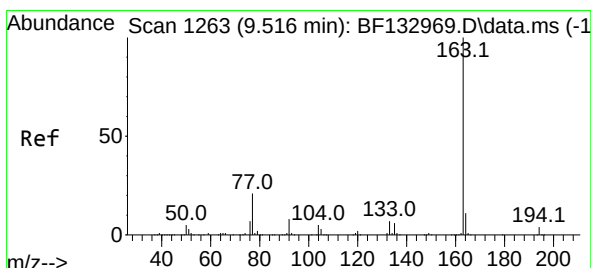
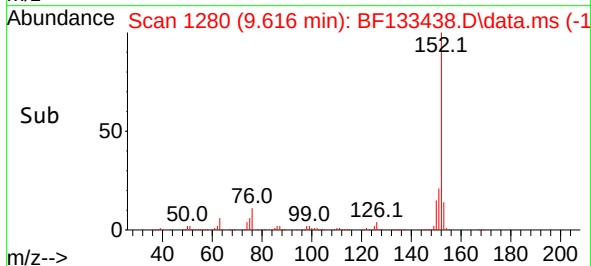
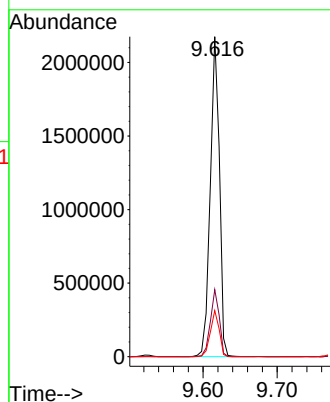
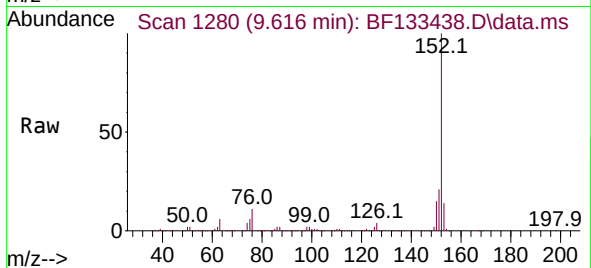
153 14.4 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#50

Dimethylphthalate

Concen: 40.002 ng

RT: 9.486 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

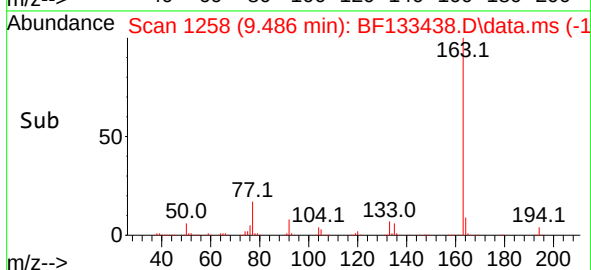
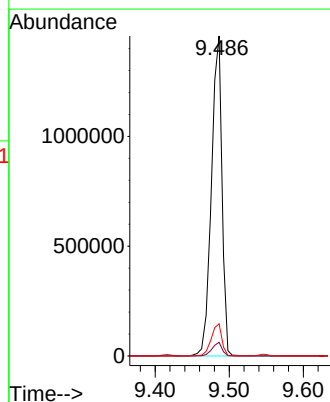
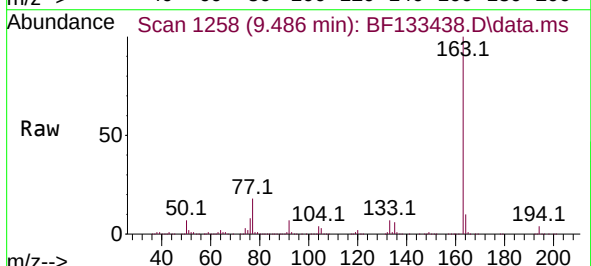
Tgt Ion:163 Resp: 1439890

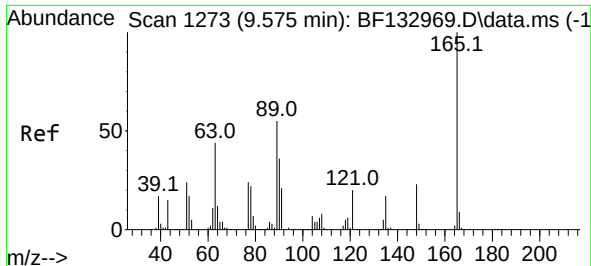
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.1 8.5 12.7





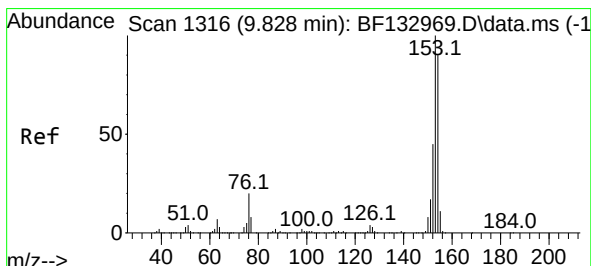
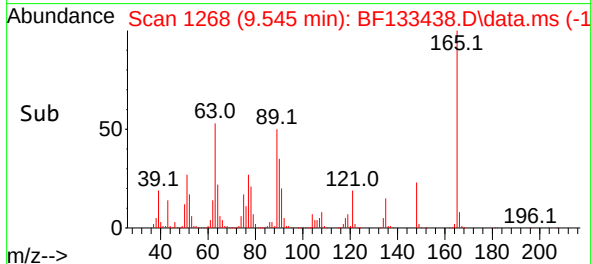
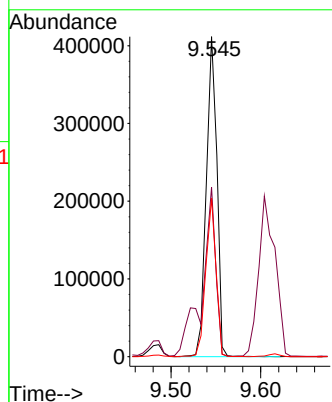
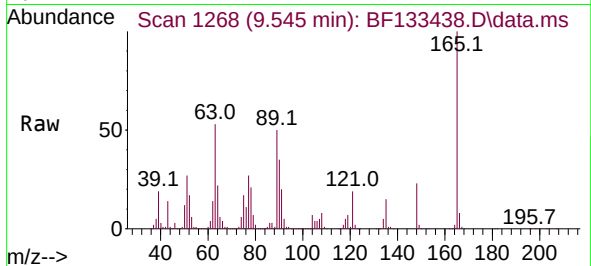
#51
2,6-Dinitrotoluene
Concen: 41.520 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Tgt Ion:165 Resp: 33638
Ion Ratio Lower Upper
165 100
63 53.0 45.9 68.9
89 49.5 44.0 66.0

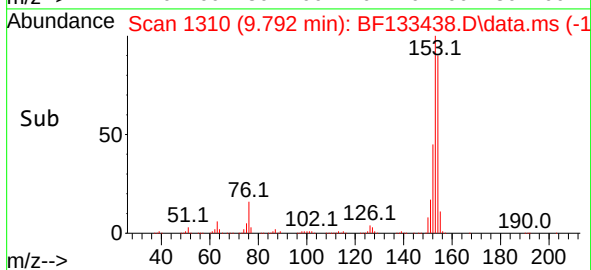
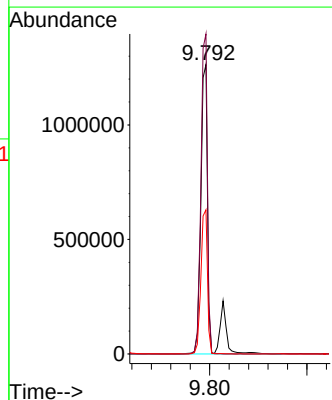
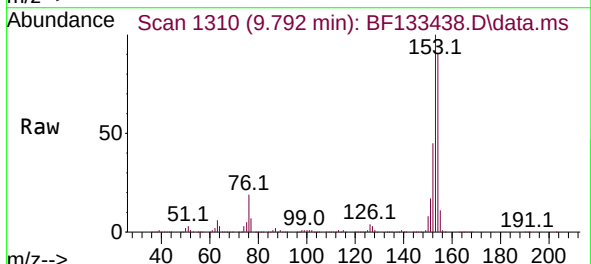
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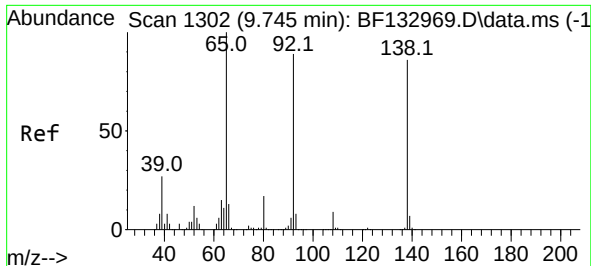
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#52
Acenaphthene
Concen: 42.811 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:154 Resp: 1372689
Ion Ratio Lower Upper
154 100
153 110.5 89.0 133.6
152 49.8 40.4 60.6





#53
3-Nitroaniline
Concen: 30.613 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

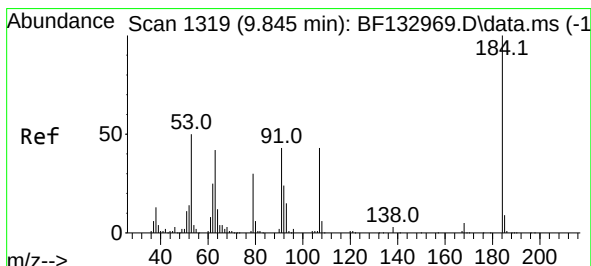
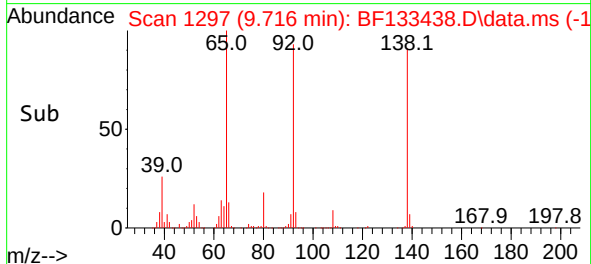
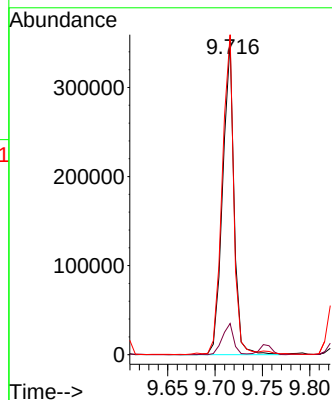
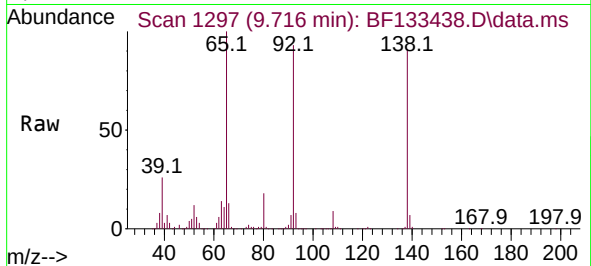
PB152875BS

Tgt Ion:138 Resp: 29490
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 102.1 83.6 125.4

Manual Integrations

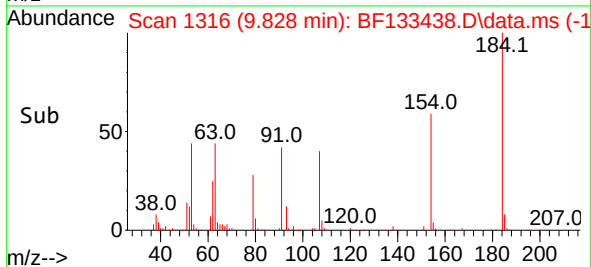
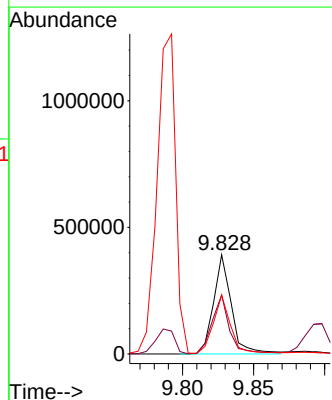
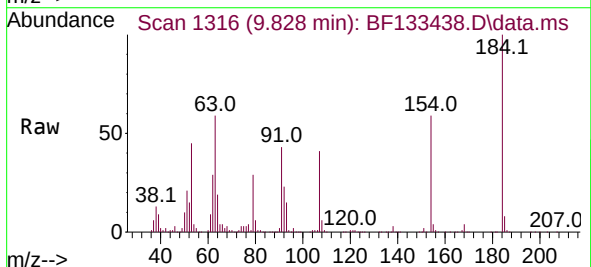
APPROVED

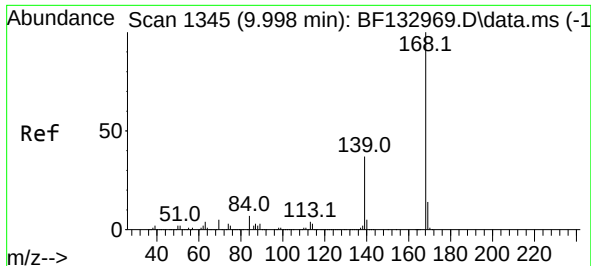
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#54
2,4-Dinitrophenol
Concen: 84.132 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:184 Resp: 342610
Ion Ratio Lower Upper
184 100
63 59.5 49.8 74.8
154 59.2 49.5 74.3





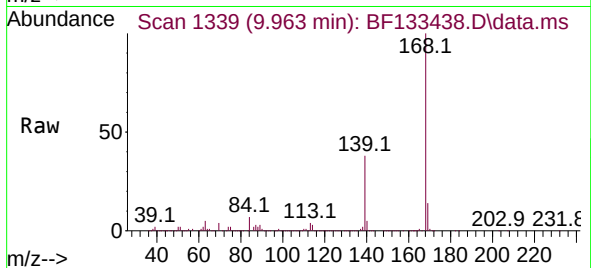
#55
Dibenzenofuran
Concen: 36.969 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

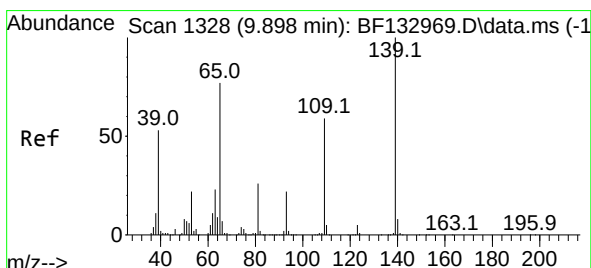
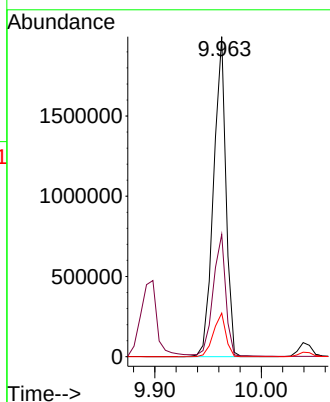
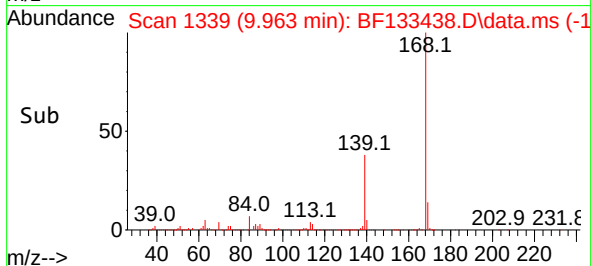


Tgt Ion:168 Resp: 161693
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.8
169 13.6 10.8 16.2

Manual Integrations

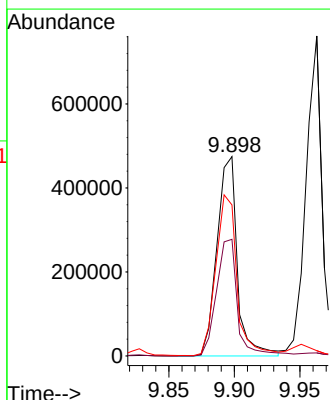
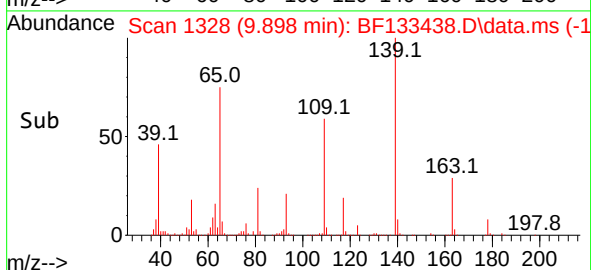
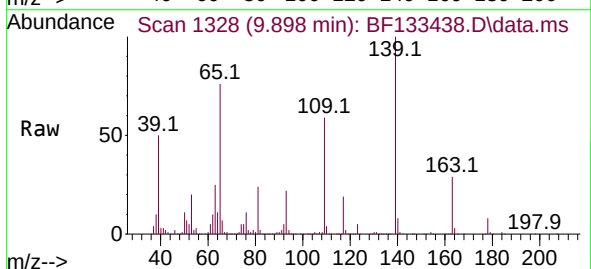
APPROVED

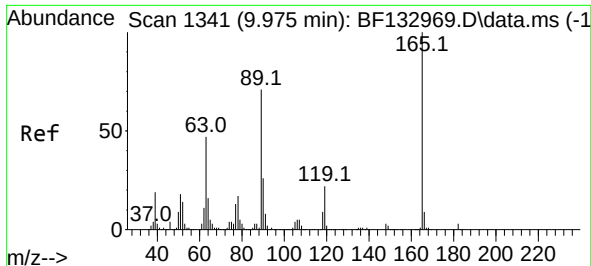
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#56
4-Nitrophenol
Concen: 68.518 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:139 Resp: 511215
Ion Ratio Lower Upper
139 100
109 58.6 39.4 79.4
65 75.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 40.228 ng

RT: 9.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

Tgt Ion:165 Resp: 41563

Ion Ratio Lower Upper

165 100

63 44.9 37.7 56.5

89 66.9 57.0 85.4

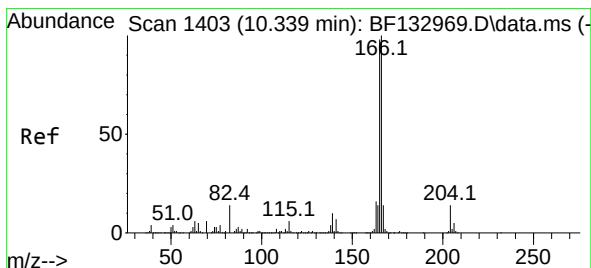
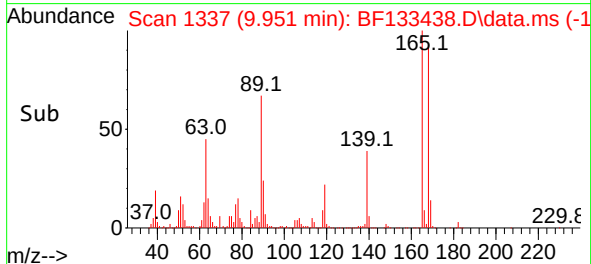
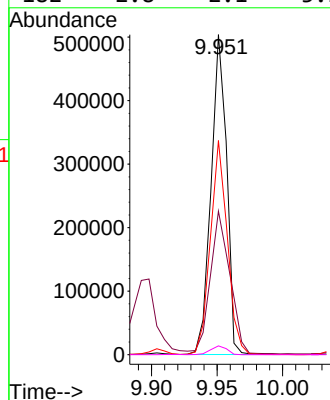
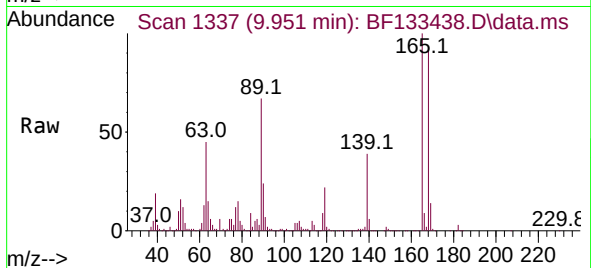
182 2.8 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#58

Fluorene

Concen: 39.001 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

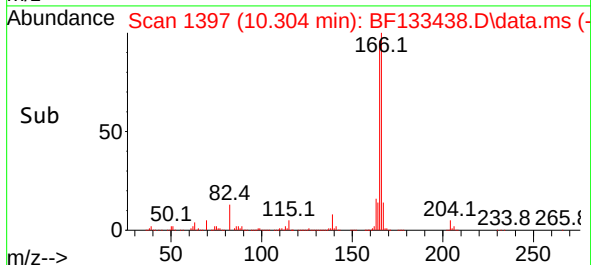
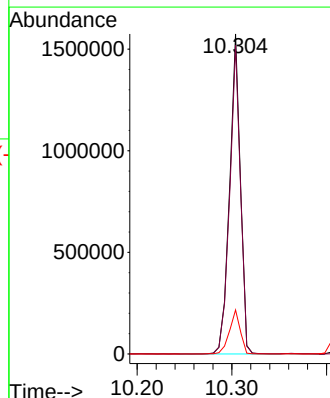
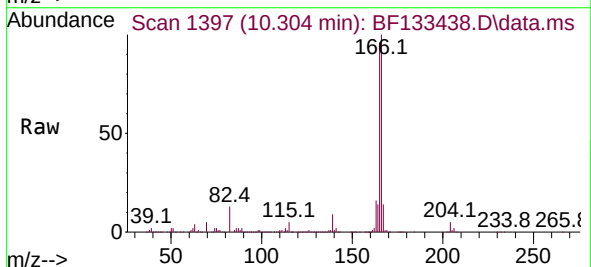
Tgt Ion:166 Resp: 1249760

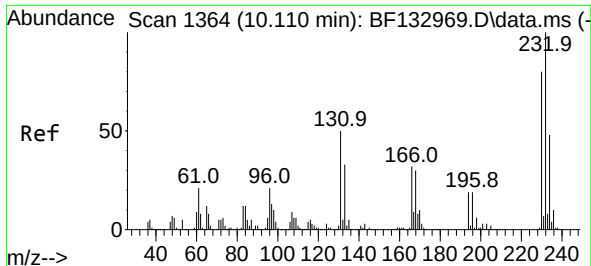
Ion Ratio Lower Upper

166 100

165 96.4 78.6 117.8

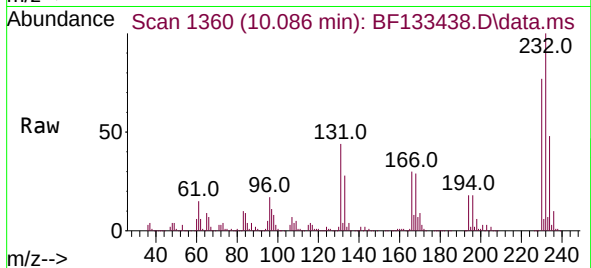
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.631 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

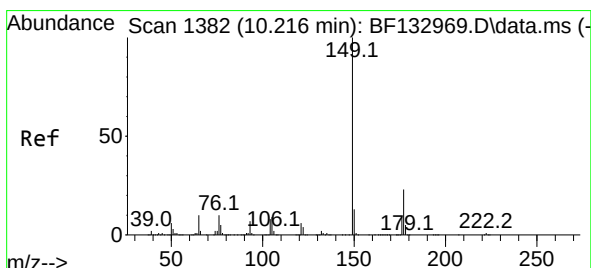
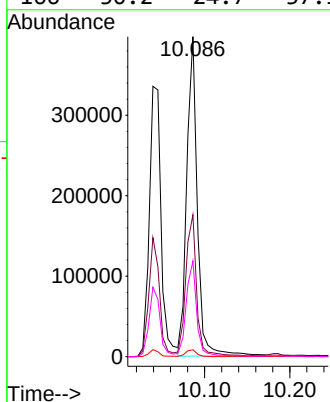
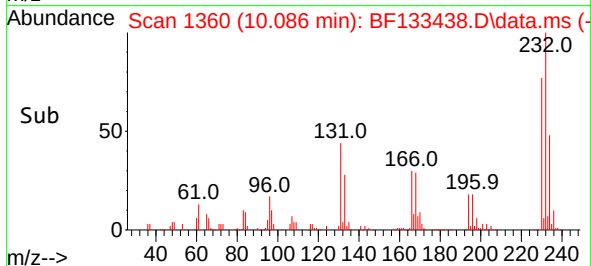
Instrument :
BNA_F
ClientSampleId :
PB152875BS



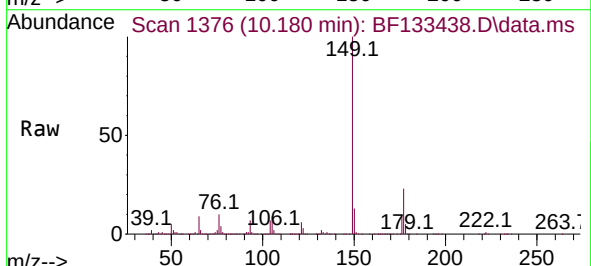
Tgt Ion:232 Resp: 341081
Ion Ratio Lower Upper
232 100
131 45.4 38.0 57.0
130 2.3 1.8 2.8
166 30.2 24.7 37.1

Manual Integrations
APPROVED

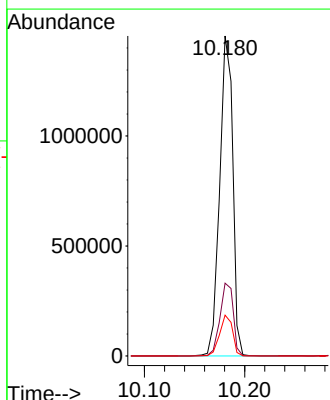
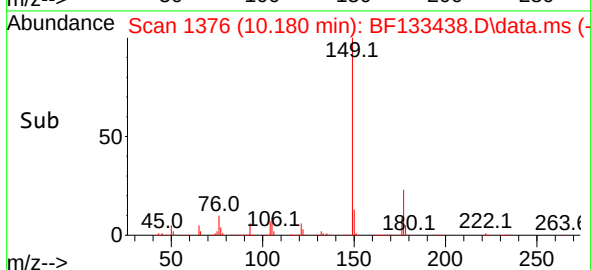
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

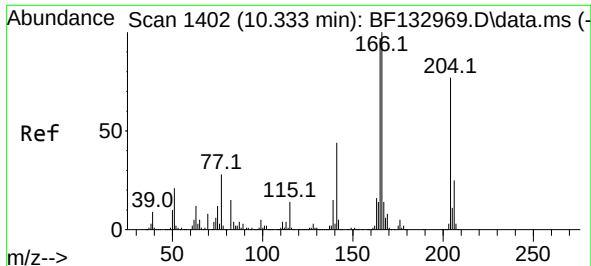


#60
Diethylphthalate
Concen: 38.583 ng
RT: 10.180 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion:149 Resp: 1311823
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.156 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

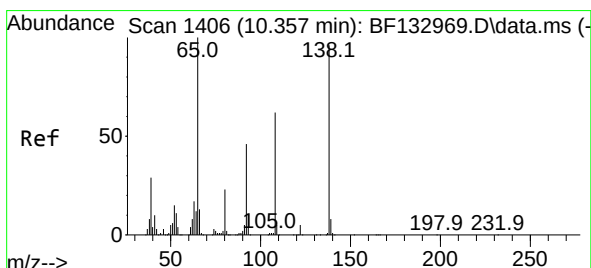
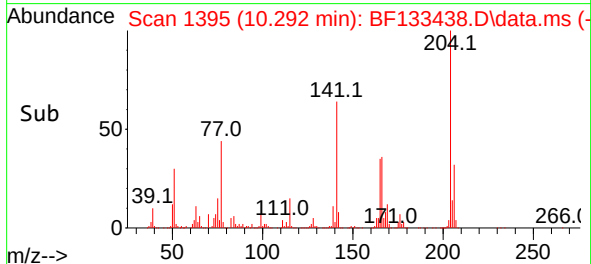
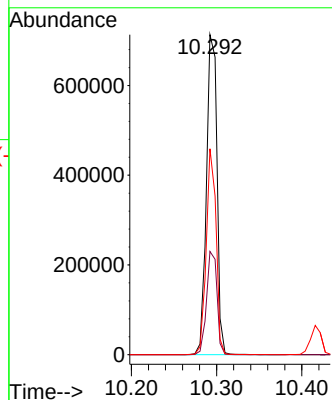
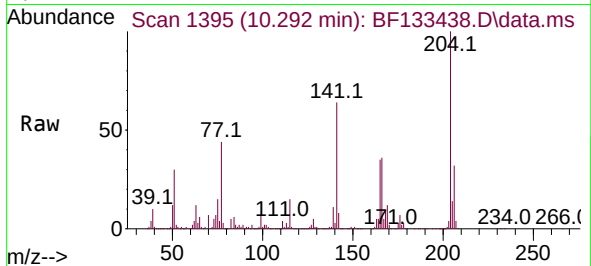
PB152875BS

Tgt Ion:204 Resp: 611458
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 64.3 46.1 69.1

Manual Integrations

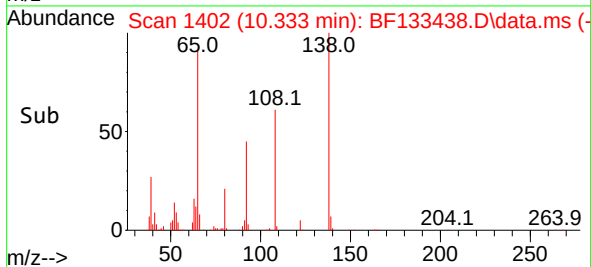
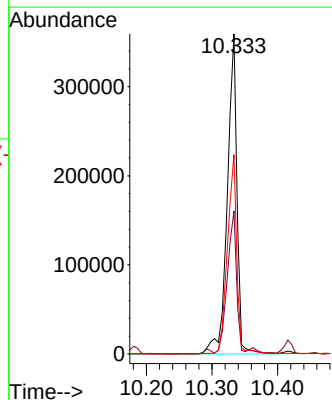
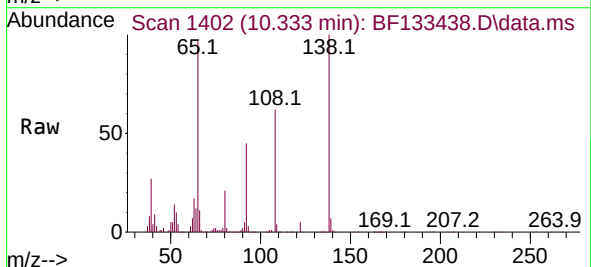
APPROVED

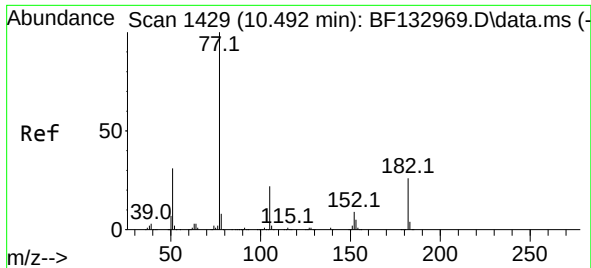
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#62
4-Nitroaniline
Concen: 41.510 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

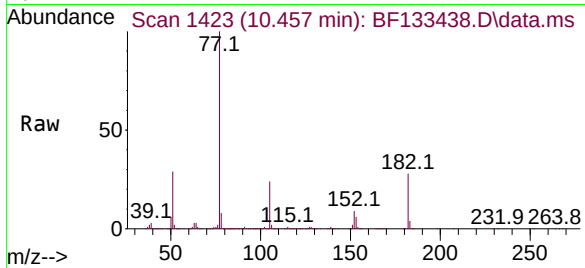
Tgt Ion:138 Resp: 367518
Ion Ratio Lower Upper
138 100
92 44.7 27.7 67.7
108 62.3 45.2 85.2





#63
Azobenzene
Concen: 35.669 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

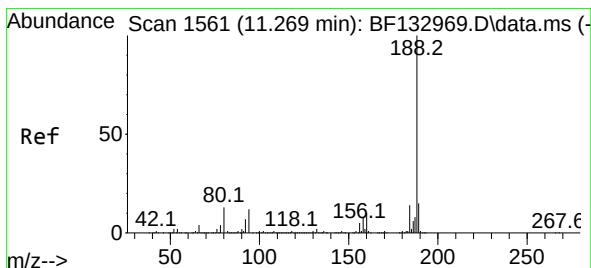
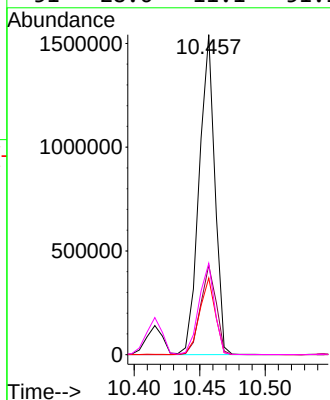
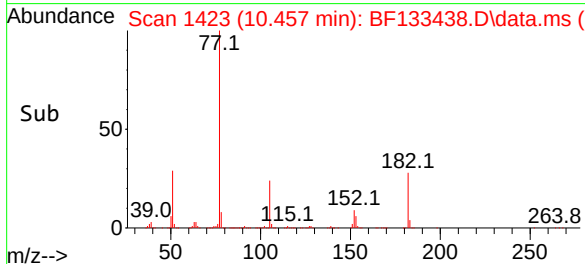
Instrument :
BNA_F
ClientSampleId :
PB152875BS



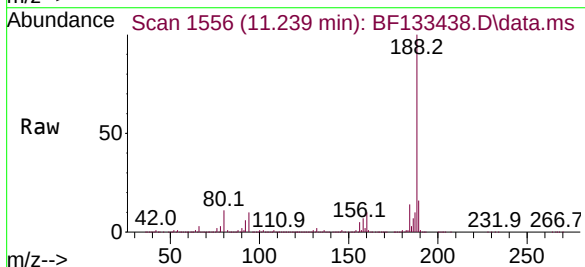
Tgt Ion: 77 Resp: 1284708
Ion Ratio Lower Upper
77 100
182 27.9 5.9 45.9
105 24.0 2.3 42.3
51 28.6 11.1 51.1

Manual Integrations
APPROVED

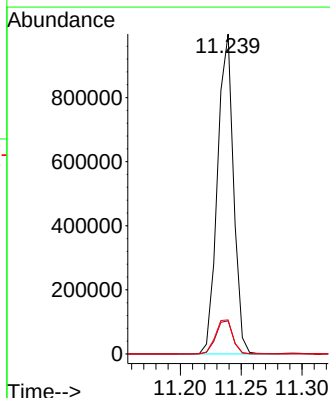
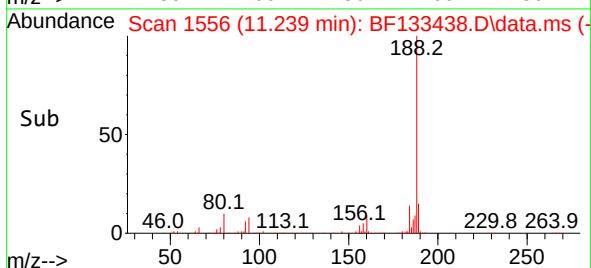
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

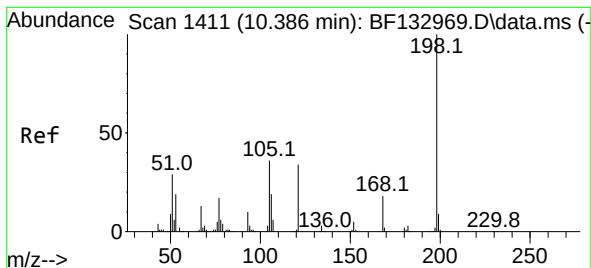


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion:188 Resp: 916757
Ion Ratio Lower Upper
188 100
94 10.3 9.7 14.5
80 10.6 10.4 15.6





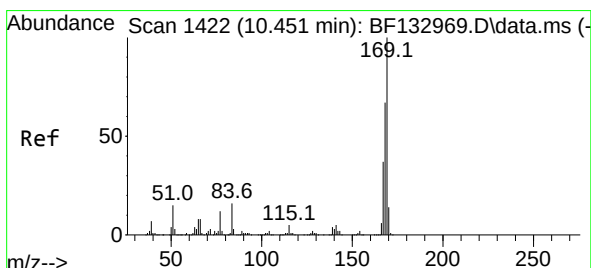
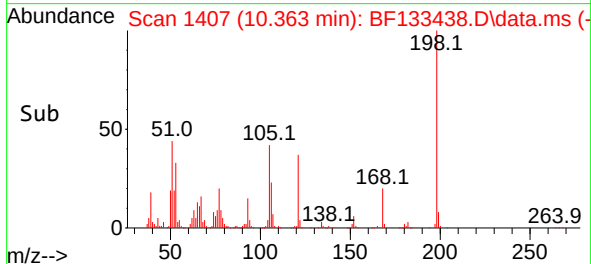
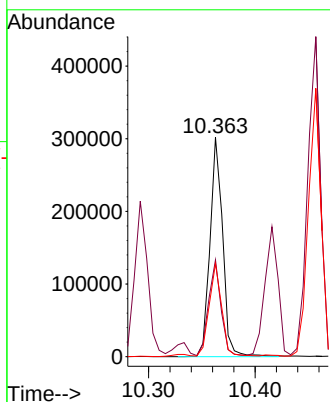
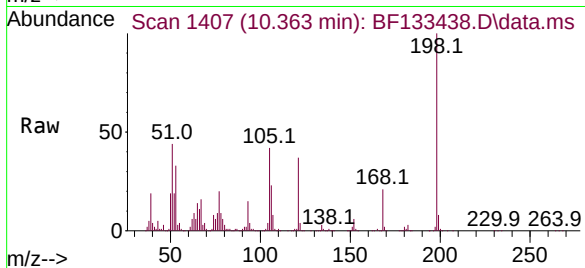
#65
4,6-Dinitro-2-methylphenol
Concen: 44.907 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Tgt Ion:198 Resp: 249534
Ion Ratio Lower Upper
198 100
51 44.1 15.5 55.5
105 42.5 16.7 56.7

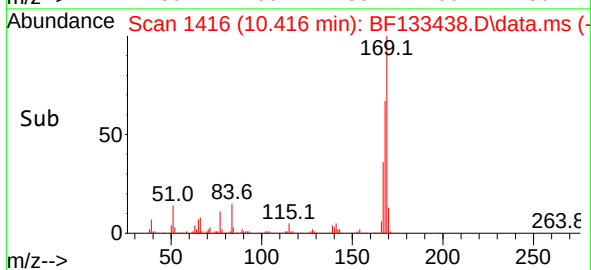
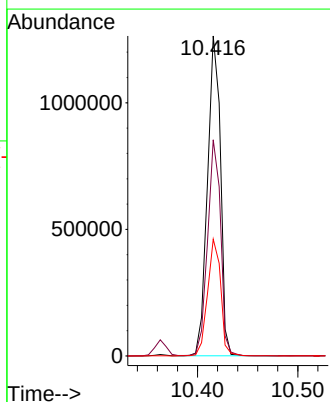
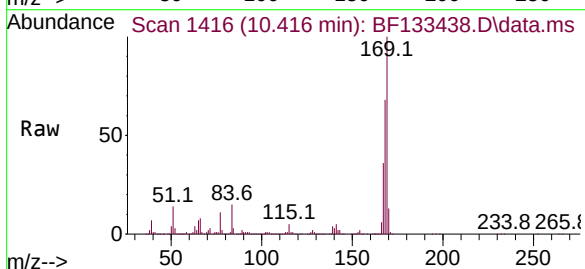
Manual Integrations
APPROVED

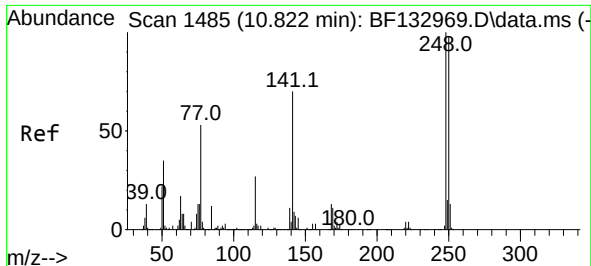
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#66
n-Nitrosodiphenylamine
Concen: 38.171 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:169 Resp: 1135106
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 36.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 37.967 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

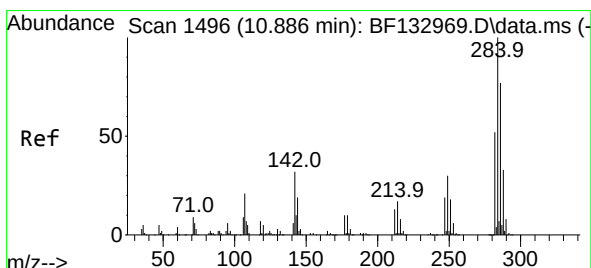
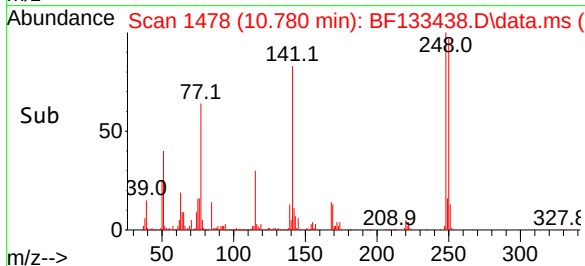
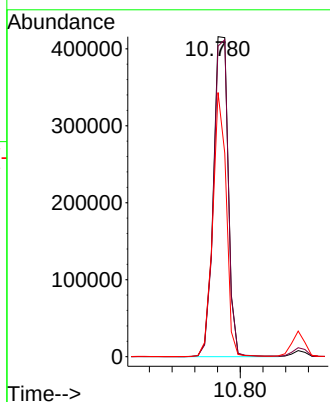
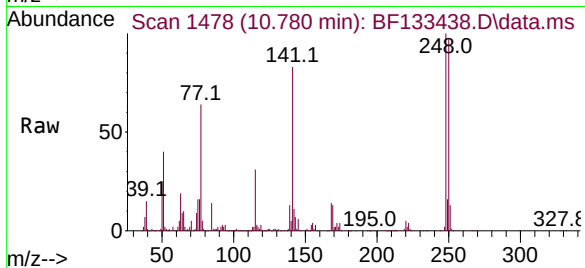
PB152875BS

Tgt Ion:248 Resp: 377495
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 82.6 56.3 84.5

Manual Integrations

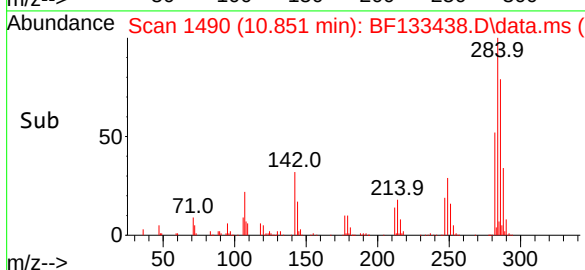
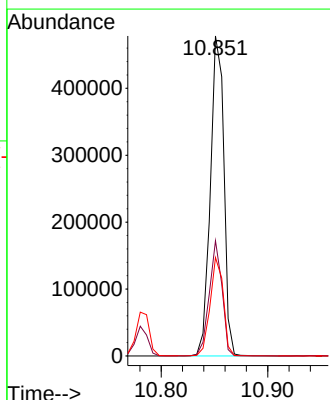
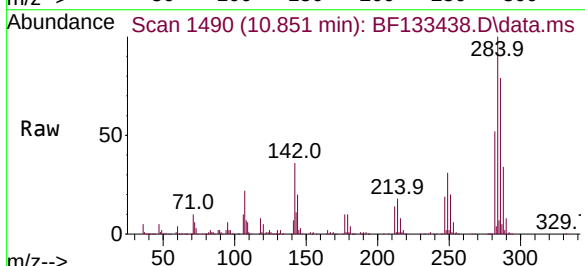
APPROVED

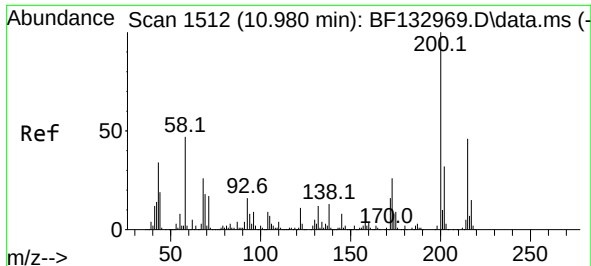
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#68
Hexachlorobenzene
Concen: 41.375 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

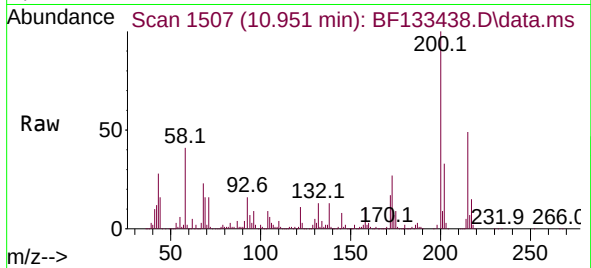
Tgt Ion:284 Resp: 421540
Ion Ratio Lower Upper
284 100
142 36.0 26.0 39.0
249 30.7 23.7 35.5





#69
 Atrazine
 Concen: 45.758 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. 0.006 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03

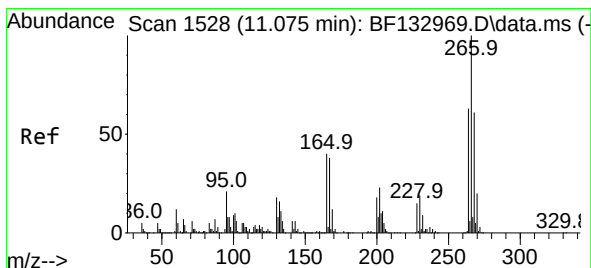
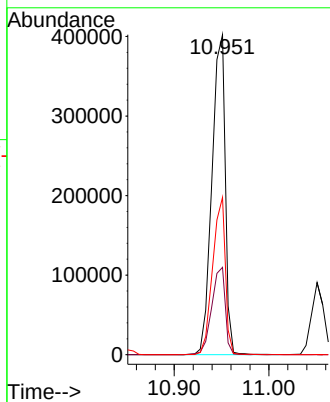
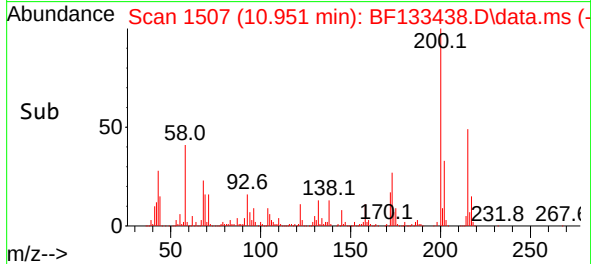
Instrument :
 BNA_F
 ClientSampleId :
 PB152875BS



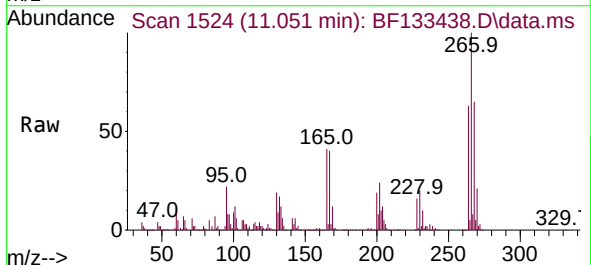
Tgt Ion:200 Resp: 392080
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.2 46.2
 215 49.2 26.3 66.3

Manual Integrations
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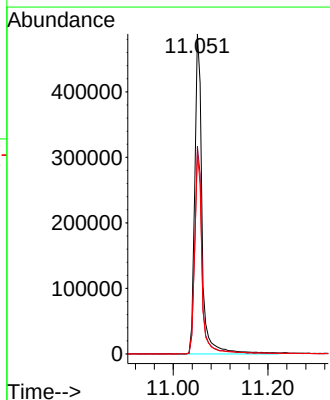
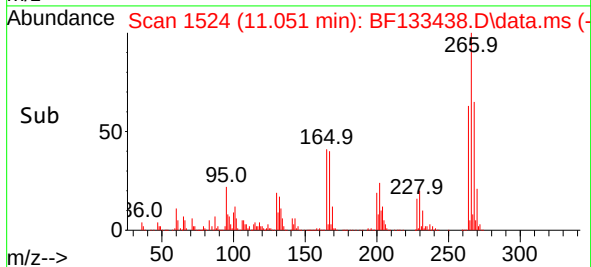
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023

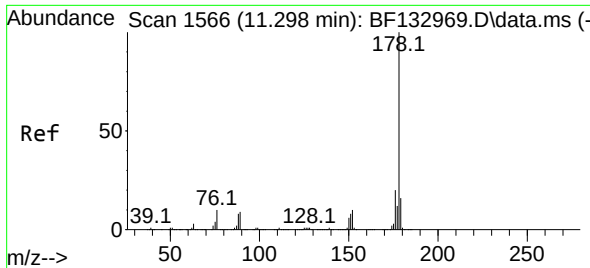


#70
 Pentachlorophenol
 Concen: 72.401 ng
 RT: 11.051 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03



Tgt Ion:266 Resp: 525340
 Ion Ratio Lower Upper
 266 100
 268 64.9 48.8 73.2
 264 62.6 50.6 76.0





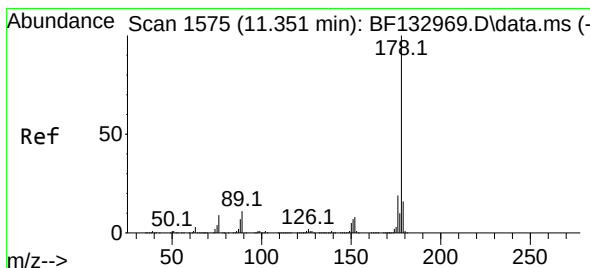
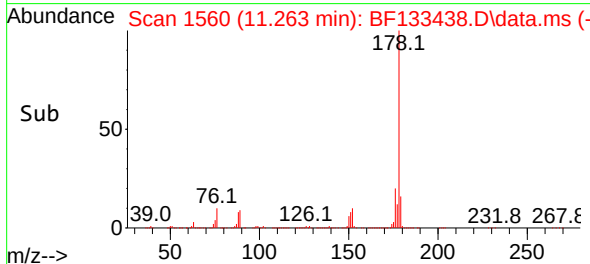
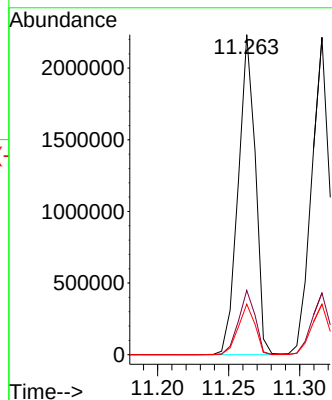
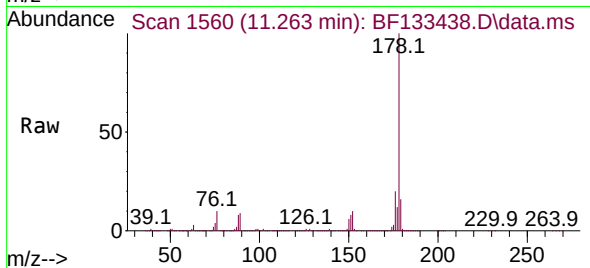
#71
Phenanthrene
Concen: 38.134 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Tgt Ion:178 Resp: 1878999
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.8 12.5 18.7

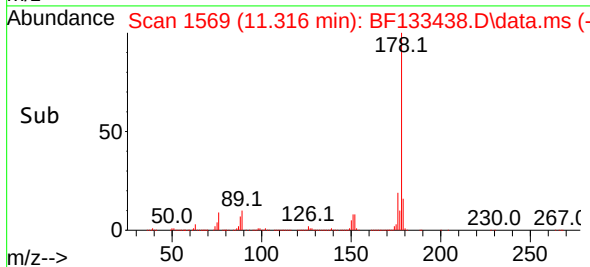
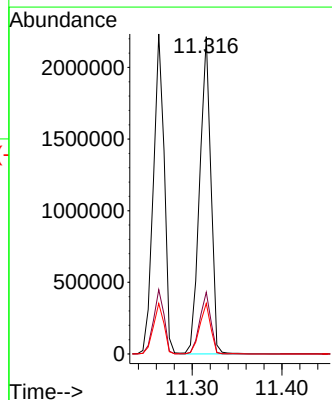
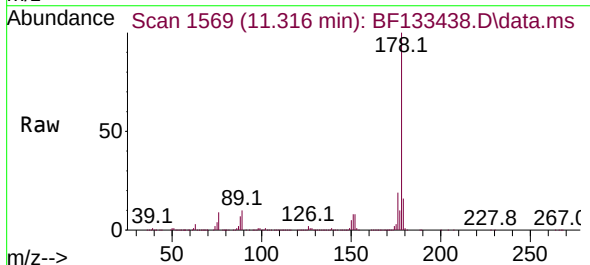
Manual Integrations
APPROVED

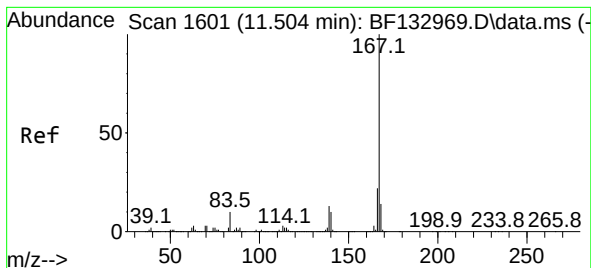
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#72
Anthracene
Concen: 37.998 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

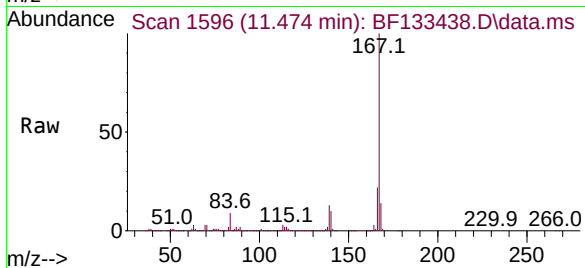
Tgt Ion:178 Resp: 1916045
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 38.473 ng
 RT: 11.474 min Scan# 1601
 Delta R.T. -0.000 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03

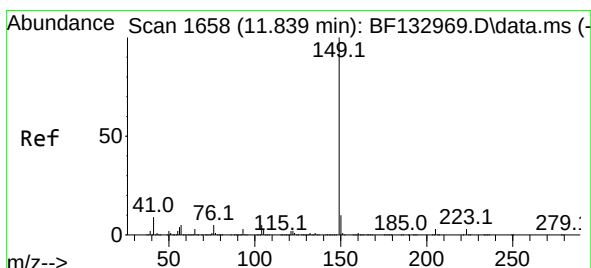
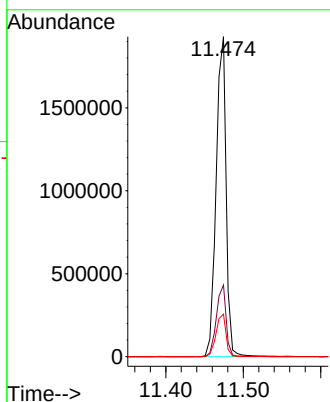
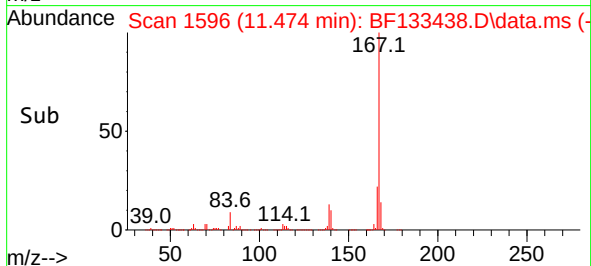
Instrument :
 BNA_F
 ClientSampleId :
 PB152875BS



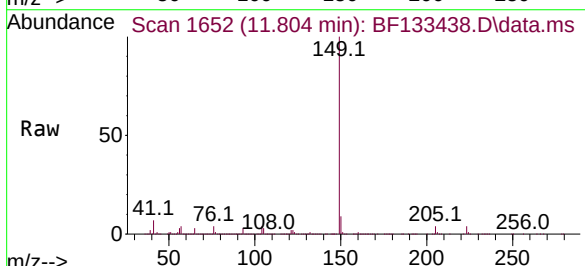
Tgt Ion:167 Resp: 172744
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.3 10.6 16.0

Manual Integrations
 APPROVED

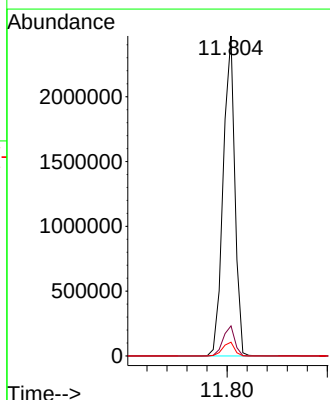
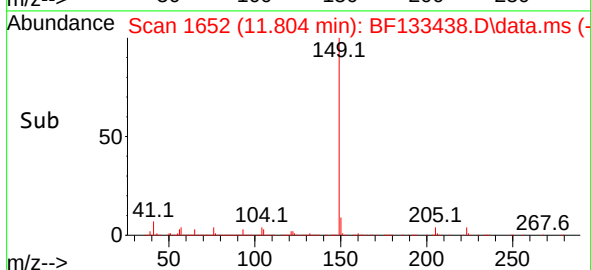
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023

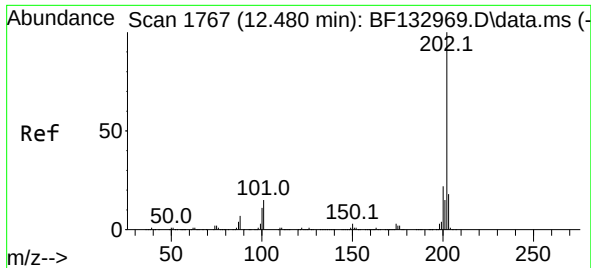


#74
 Di-n-butylphthalate
 Concen: 39.085 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.000 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03



Tgt Ion:149 Resp: 1985963
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.3 4.0 6.0





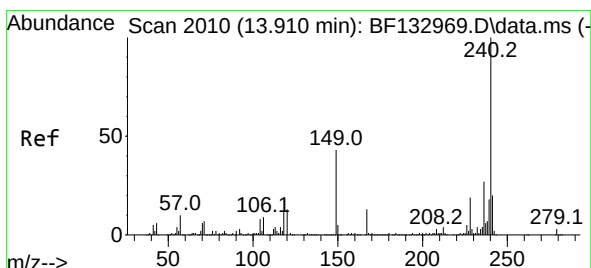
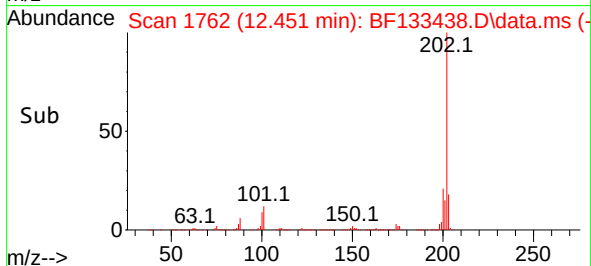
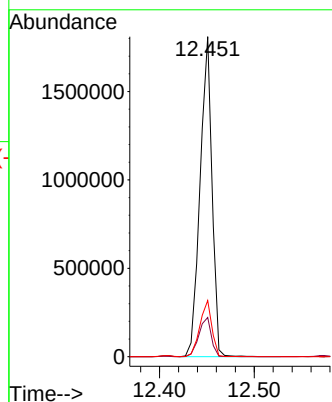
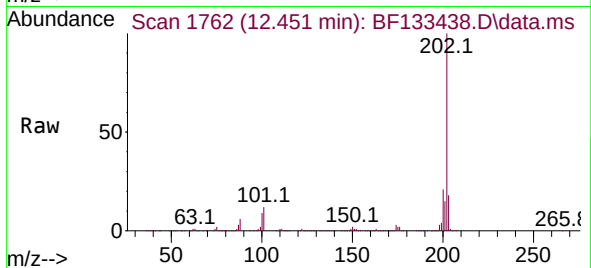
#75
Fluoranthene
Concen: 32.173 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Tgt Ion:202 Resp: 159096
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.3
203 17.5 0.0 38.1

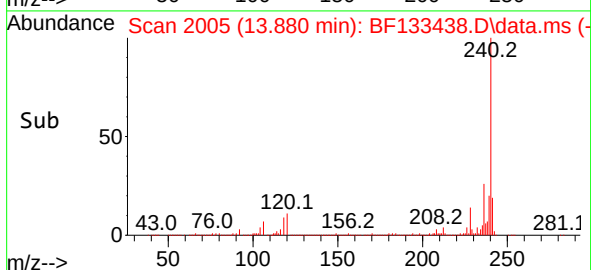
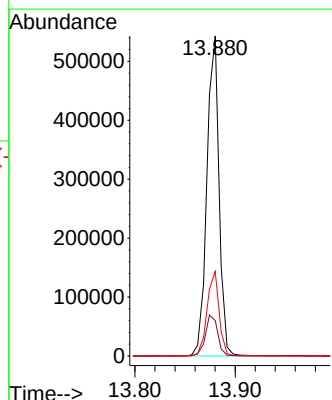
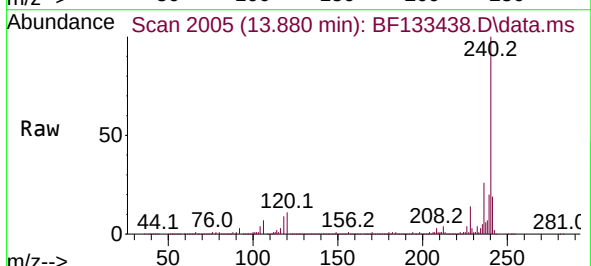
Manual Integrations
APPROVED

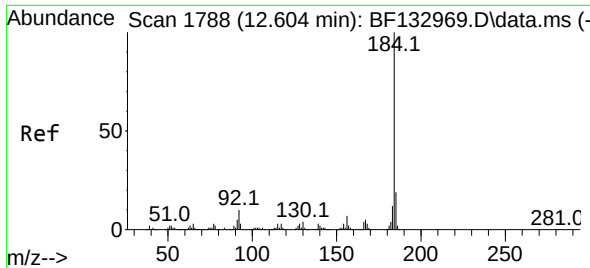
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:240 Resp: 461159
Ion Ratio Lower Upper
240 100
120 11.0 10.5 15.7
236 26.4 21.5 32.3





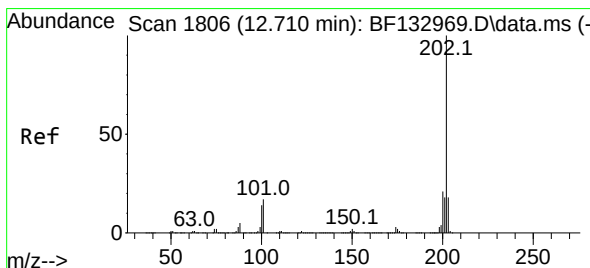
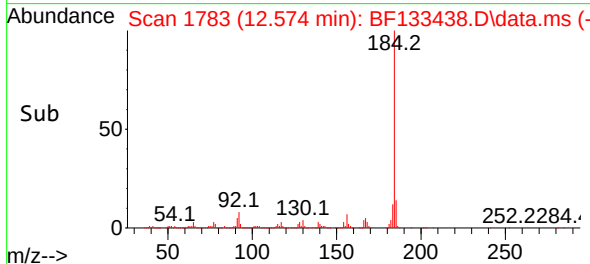
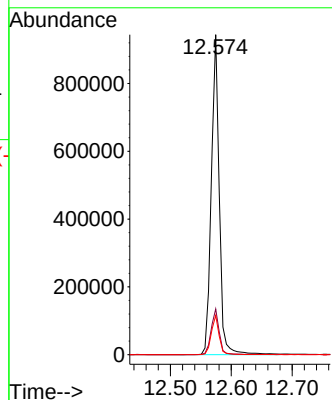
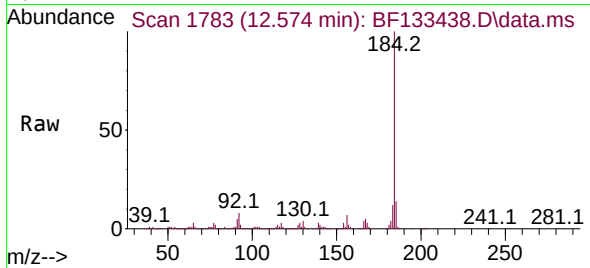
#77
Benzidine
Concen: 110.585 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Tgt Ion:184 Resp: 86238
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2
183 12.3 9.4 14.0

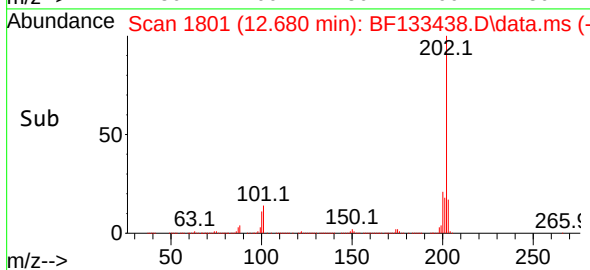
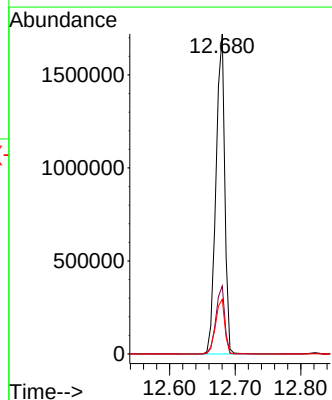
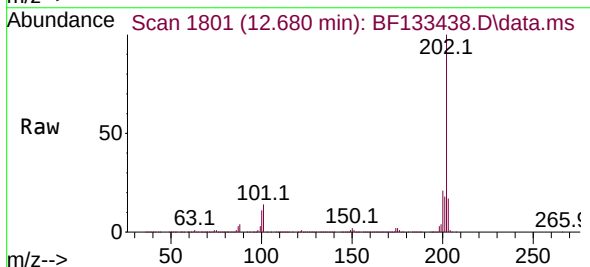
Manual Integrations
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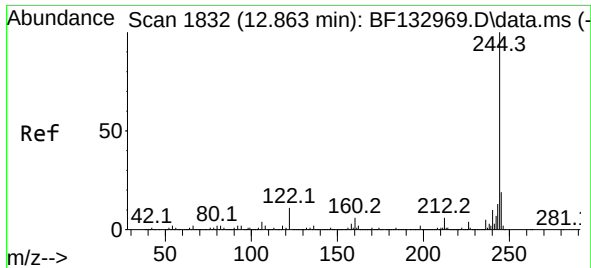
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#78
Pyrene
Concen: 40.651 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:202 Resp: 1607020
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.1 14.1 21.1





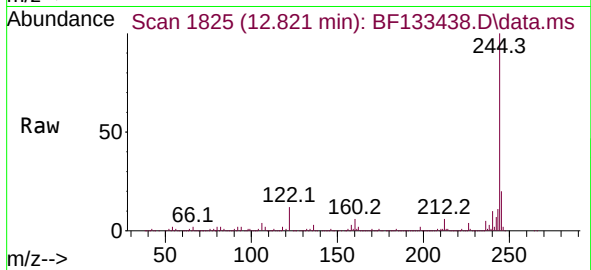
#79
 Terphenyl-d14
 Concen: 68.289 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

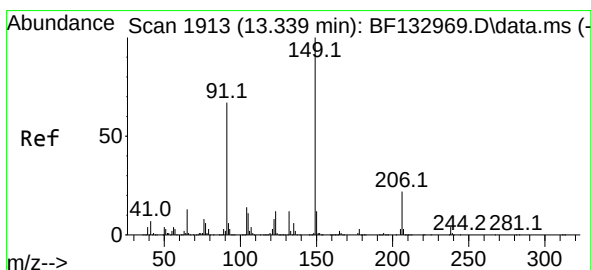
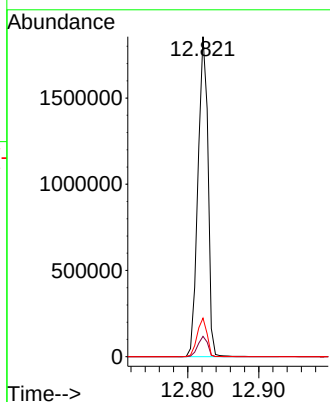
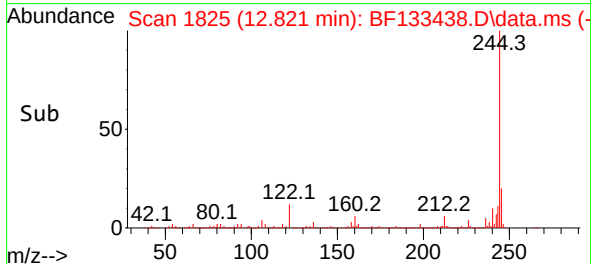


Tgt Ion:244 Resp: 182598
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.1 8.6 13.0

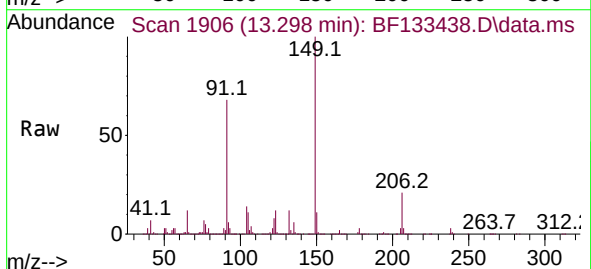
Manual Integrations

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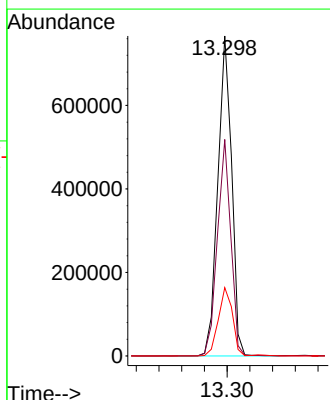
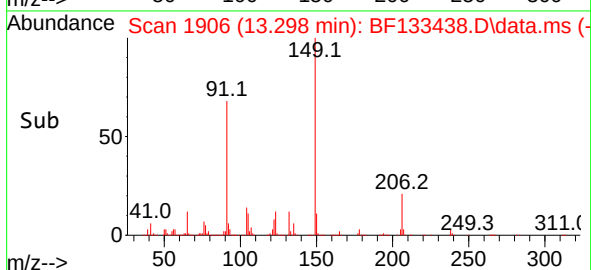
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/19/2023

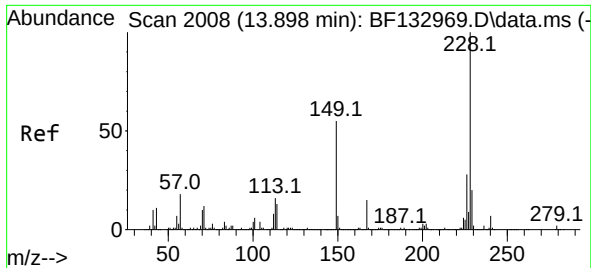


#80
 Butylbenzylphthalate
 Concen: 46.301 ng
 RT: 13.298 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: BF133438.D
 Acq: 18 May 2023 15:03



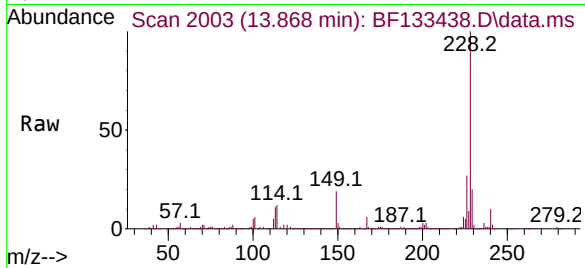
Tgt Ion:149 Resp: 648092
 Ion Ratio Lower Upper
 149 100
 91 67.7 53.8 80.6
 206 21.4 17.5 26.3





#81
Benzo(a)anthracene
Concen: 37.606 ng
RT: 13.868 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

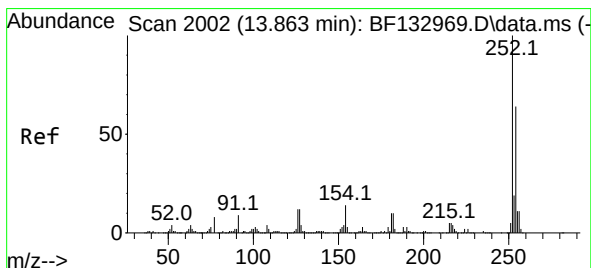
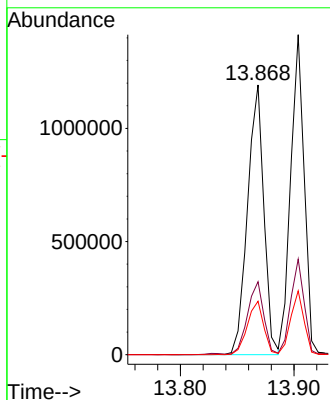
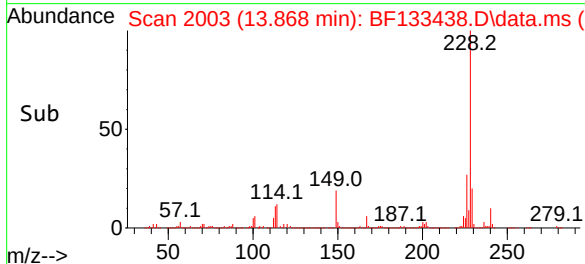
Instrument :
BNA_F
ClientSampleId :
PB152875BS



Tgt Ion:228 Resp: 1192590
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 19.8 16.0 24.0

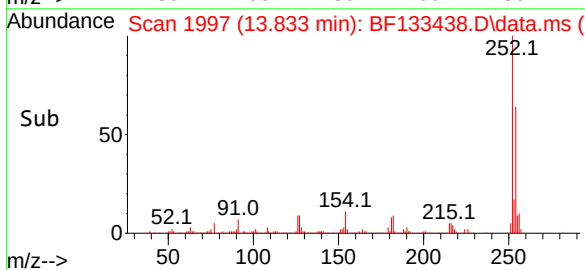
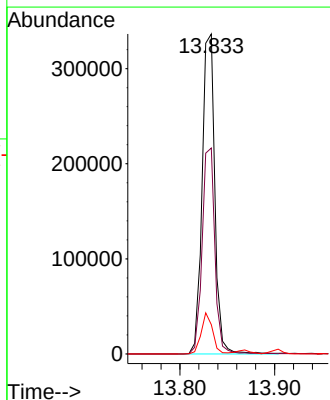
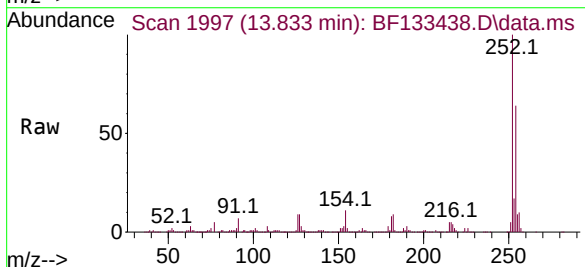
Manual Integrations
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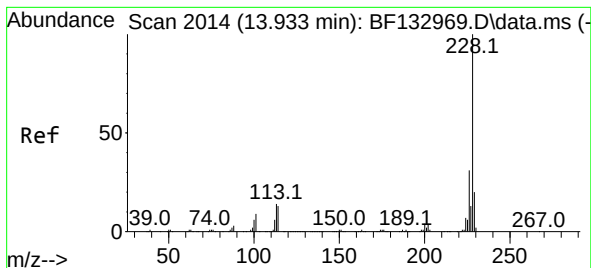
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.883 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:252 Resp: 314353
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 9.2 9.5 14.3#





#83

Chrysene

Concen: 37.150 ng

RT: 13.904 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

Tgt Ion:228 Resp: 1177834

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

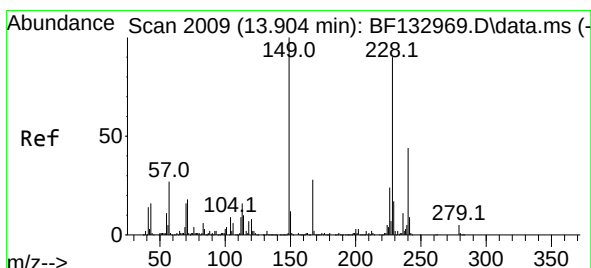
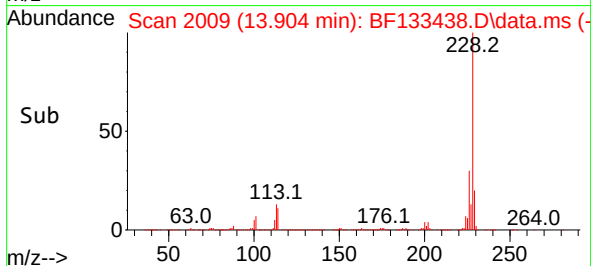
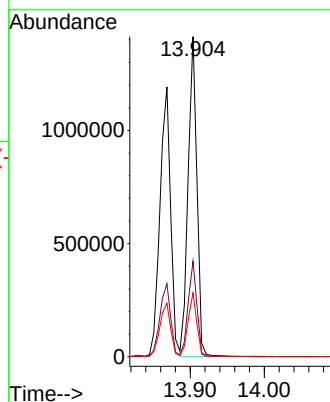
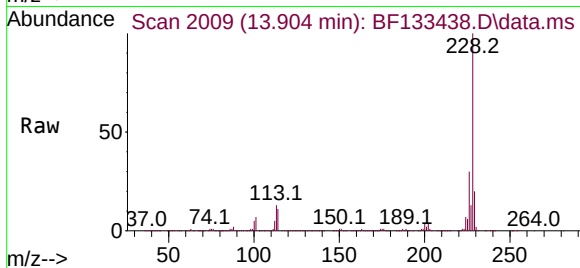
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.678 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF133438.D

Acq: 18 May 2023 15:03

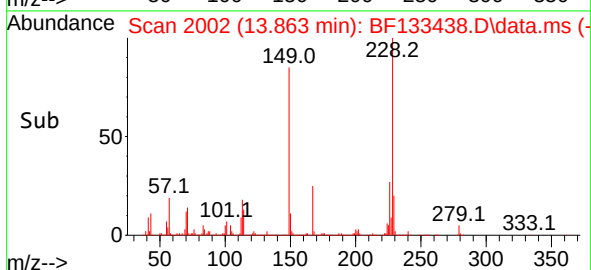
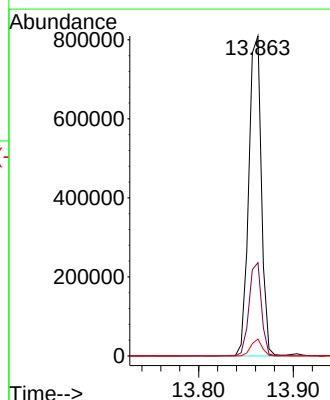
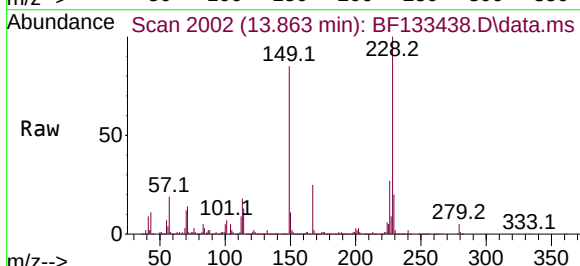
Tgt Ion:149 Resp: 749818

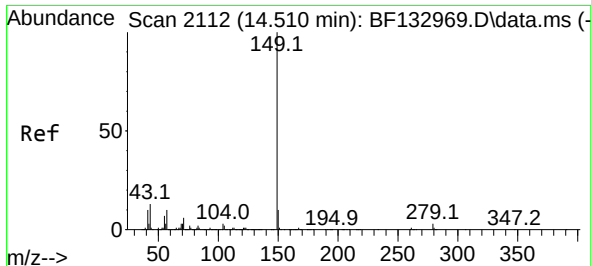
Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

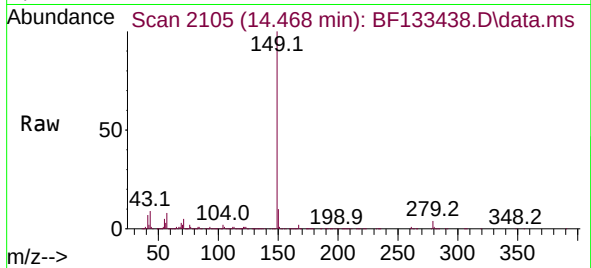
279 5.3 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 40.768 ng
RT: 14.468 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

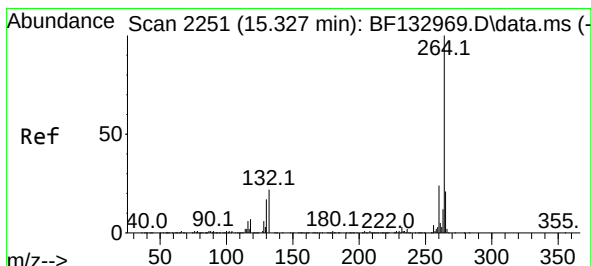
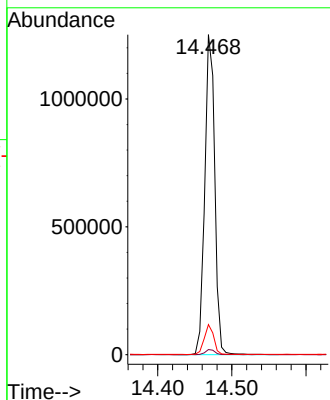
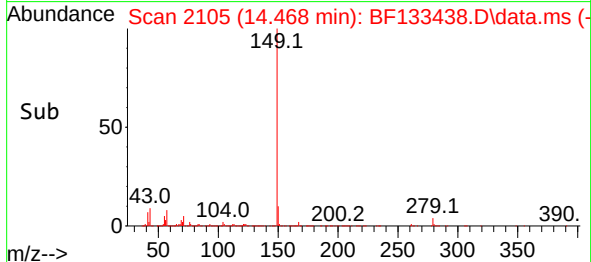
Instrument :
BNA_F
ClientSampleId :
PB152875BS



Tgt Ion:149 Resp: 116789
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 9.5 14.3

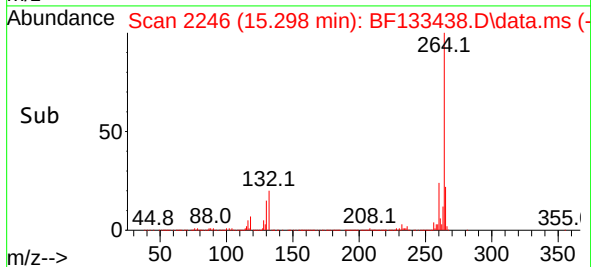
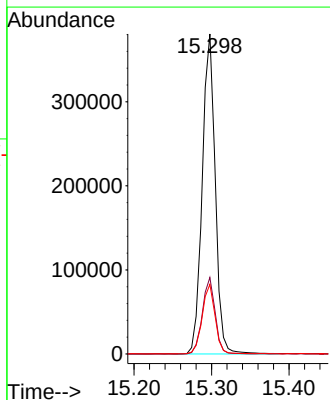
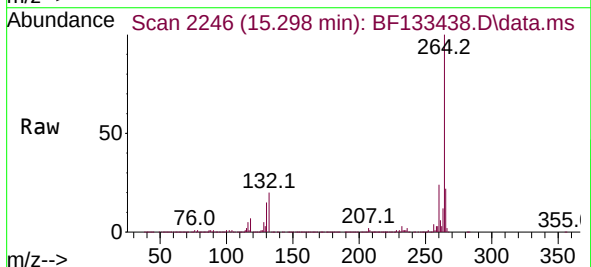
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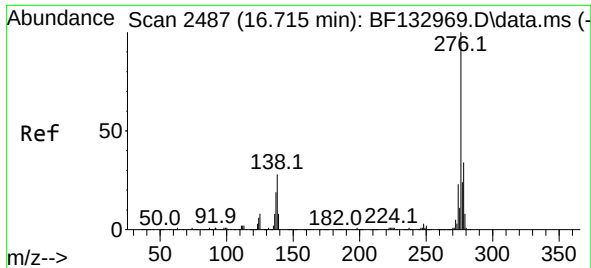
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Tgt Ion:264 Resp: 444956
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.8 17.0 25.4





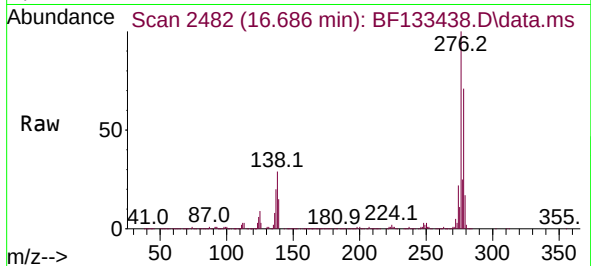
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.007 ng
RT: 16.686 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

Instrument :

BNA_F

ClientSampleId :

PB152875BS

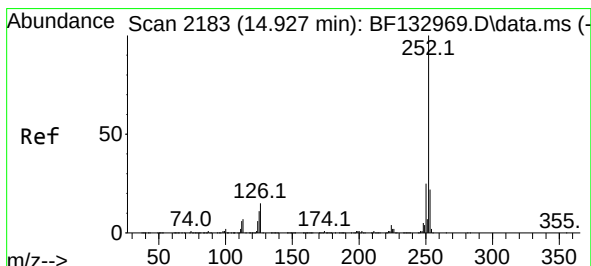
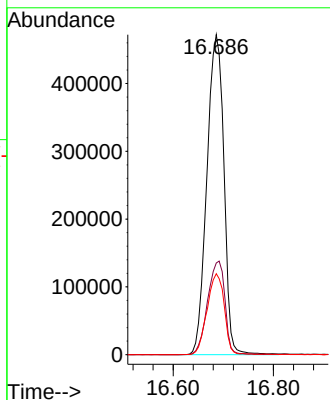
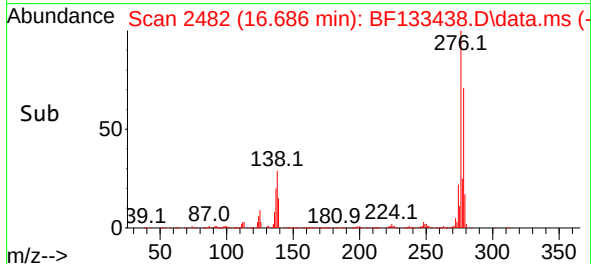


Tgt Ion:276 Resp: 1113800
Ion Ratio Lower Upper
276 100
138 29.7 25.5 38.3
277 25.5 20.4 30.6

Manual Integrations

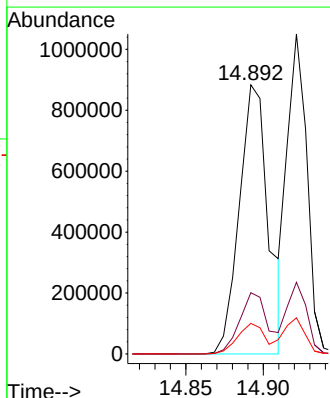
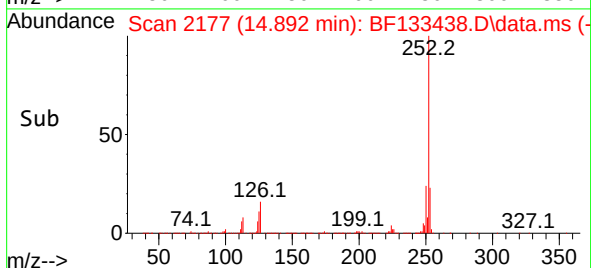
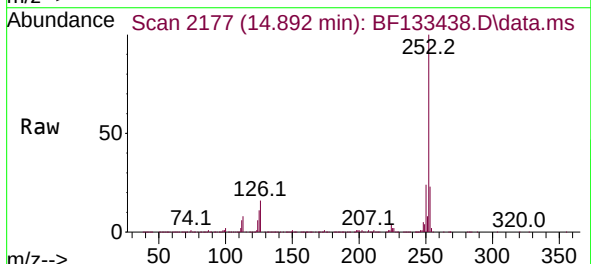
APPROVED

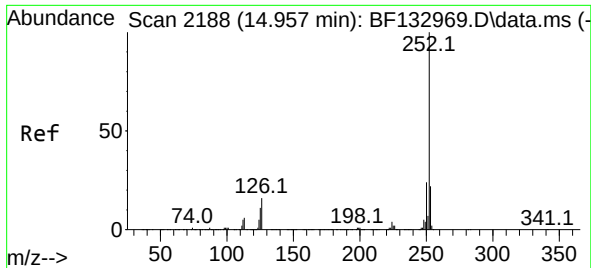
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#88
Benzo(b)fluoranthene
Concen: 40.676 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

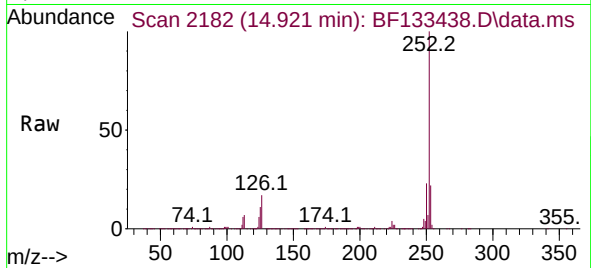
Tgt Ion:252 Resp: 1151443
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.4 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 33.645 ng
RT: 14.921 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

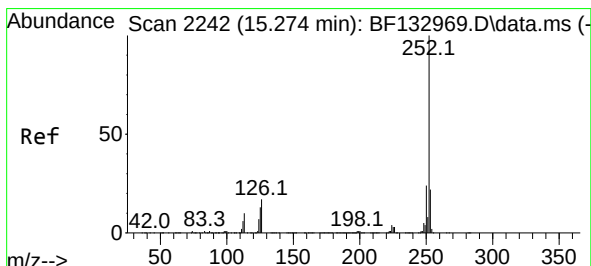
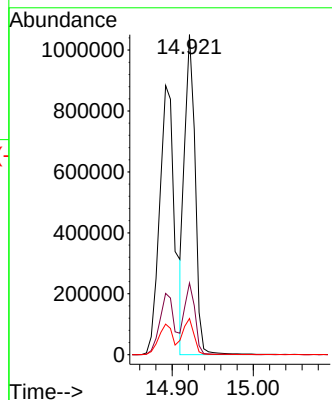
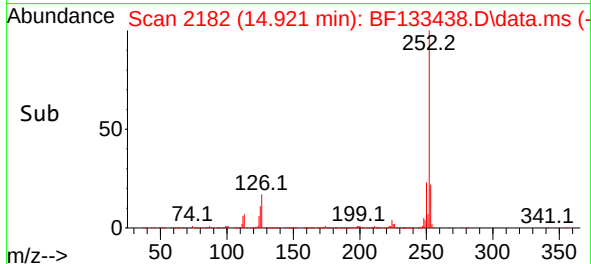
Instrument :
BNA_F
ClientSampleId :
PB152875BS



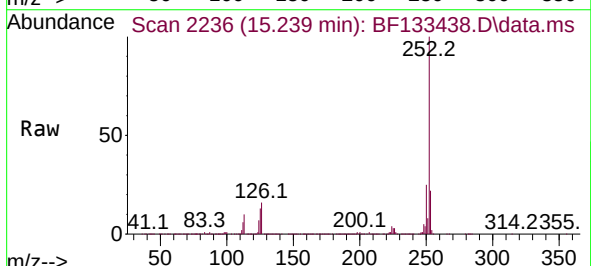
Tgt Ion:252 Resp: 944099
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 9.0 13.4

Manual Integrations
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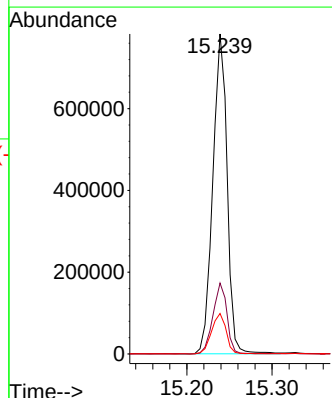
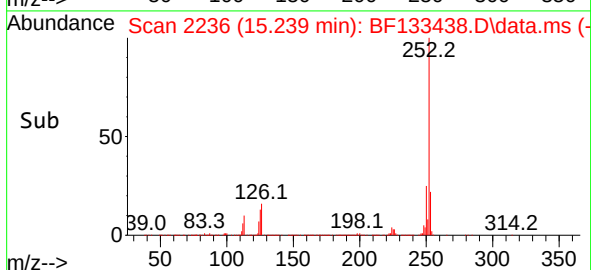
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

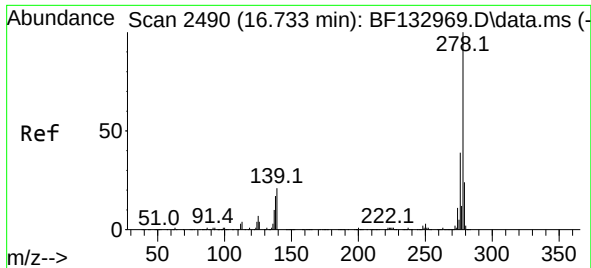


#90
Benzo(a)pyrene
Concen: 35.468 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



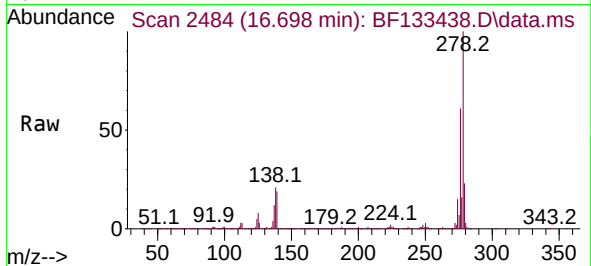
Tgt Ion:252 Resp: 913862
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.6 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 43.946 ng
RT: 16.698 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03

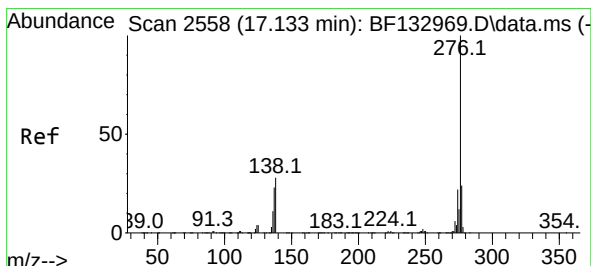
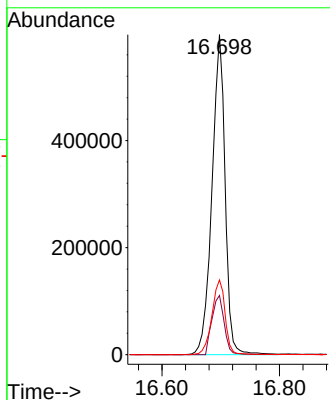
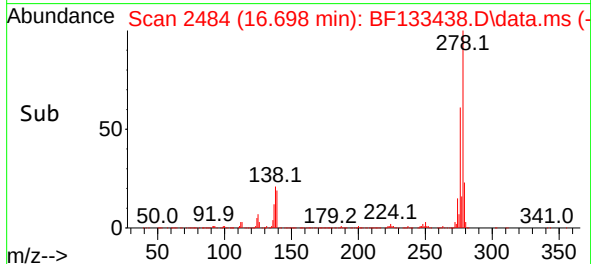
Instrument :
BNA_F
ClientSampleId :
PB152875BS



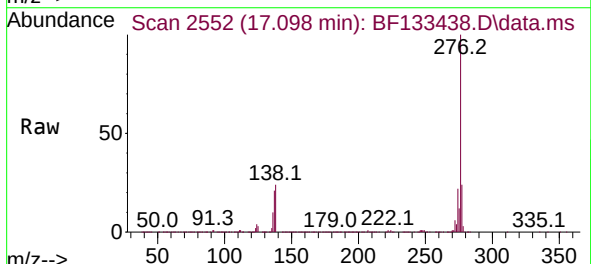
Tgt Ion:278 Resp: 92768
Ion Ratio Lower Upper
278 100
139 18.5 16.6 24.8
279 23.4 18.8 28.2

Manual Integrations
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Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023



#92
Benzo(g,h,i)perylene
Concen: 44.998 ng
RT: 17.098 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BF133438.D
Acq: 18 May 2023 15:03



Tgt Ion:276 Resp: 937789
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 24.3 22.7 34.1

