

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133934.D
 Acq On : 23 Jun 2023 10:16
 Operator : CG\JU
 Sample : PB153615BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153615BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 25 02:35:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	125485	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	483937	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	248554	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	494837	20.000	ng	0.00
76) Chrysene-d12	14.057	240	246696	20.000	ng	0.00
86) Perylene-d12	15.562	264	238887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	824063	114.325	ng	0.01
7) Phenol-d6	6.504	99	1008772	107.517	ng	0.00
23) Nitrobenzene-d5	7.428	82	691616	77.841	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	337825	107.374	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1255065	71.779	ng	0.00
79) Terphenyl-d14	12.992	244	1426006	89.443	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	100139	31.600	ng	99
3) Pyridine	3.493	79	255489	27.661	ng	99
4) n-Nitrosodimethylamine	3.451	42	194051	38.007	ng	95
6) Aniline	6.528	93	389539	32.963	ng	98
8) 2-Chlorophenol	6.645	128	329817	43.419	ng	99
9) Benzaldehyde	6.416	77	163121	26.205	ng	99
10) Phenol	6.516	94	394187	40.235	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	298834	41.086	ng	96
12) 1,3-Dichlorobenzene	6.804	146	344006	42.386	ng	98
13) 1,4-Dichlorobenzene	6.881	146	350866	42.773	ng	98
14) 1,2-Dichlorobenzene	7.028	146	337804	45.574	ng	98
15) Benzyl Alcohol	7.004	79	299023	40.805	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	523587	42.467	ng	99
17) 2-Methylphenol	7.116	107	270197	40.131	ng	99
18) Hexachloroethane	7.369	117	130717	46.547	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	229888	38.510	ng	96
20) 3+4-Methylphenols	7.269	107	322478	36.818	ng	# 89
22) Acetophenone	7.275	105	453502	40.858	ng	# 97
24) Nitrobenzene	7.445	77	359954	40.233	ng	99
25) Isophorone	7.681	82	635531	38.961	ng	99
26) 2-Nitrophenol	7.757	139	183596	45.726	ng	97
27) 2,4-Dimethylphenol	7.798	122	286189	41.354	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	367570	38.988	ng	99
29) 2,4-Dichlorophenol	8.004	162	276451	40.759	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	287416	40.615	ng	98
31) Naphthalene	8.163	128	913253	38.734	ng	100
32) Benzoic acid	7.928	122	215920	49.470	ng	95
33) 4-Chloroaniline	8.210	127	185659	18.416	ng	100
34) Hexachlorobutadiene	8.275	225	181899	39.260	ng	99
35) Caprolactam	8.598	113	96522m	42.291	ng	
36) 4-Chloro-3-methylphenol	8.698	107	315354	40.336	ng	97
37) 2-Methylnaphthalene	8.857	142	620241	37.861	ng	99
38) 1-Methylnaphthalene	8.957	142	579282	38.428	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	294610	38.989	ng	98
41) Hexachlorocyclopentadiene	9.010	237	321734	95.546	ng	96
43) 2,4,6-Trichlorophenol	9.133	196	199708	39.551	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	217393	37.007	ng	97
46) 1,1'-Biphenyl	9.322	154	794791	39.648	ng	99
47) 2-Chloronaphthalene	9.351	162	586522	40.789	ng	97
48) 2-Nitroaniline	9.445	65	210164	39.963	ng	97
49) Acenaphthylene	9.763	152	962314	38.450	ng	99
50) Dimethylphthalate	9.627	163	692303	37.316	ng	100
51) 2,6-Dinitrotoluene	9.692	165	158472	41.383	ng	92
52) Acenaphthene	9.939	154	565985	38.635	ng	99
53) 3-Nitroaniline	9.863	138	138582	29.738	ng	97
54) 2,4-Dinitrophenol	9.975	184	180584	95.323	ng	96
55) Dibenzofuran	10.110	168	858868	38.422	ng	96
56) 4-Nitrophenol	10.027	139	265006	84.260	ng	# 77
57) 2,4-Dinitrotoluene	10.098	165	205489	42.193	ng	98
58) Fluorene	10.457	166	681878	39.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	184858	42.032	ng	98
60) Diethylphthalate	10.327	149	728004	38.555	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	319108	37.813	ng	98
62) 4-Nitroaniline	10.480	138	177202	38.782	ng	96
63) Azobenzene	10.610	77	682151	38.162	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	120677	51.035	ng	87
66) n-Nitrosodiphenylamine	10.569	169	605398	36.422	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	202484	36.662	ng	94
68) Hexachlorobenzene	11.004	284	232936	40.107	ng	97
69) Atrazine	11.098	200	207602	43.046	ng	98
70) Pentachlorophenol	11.204	266	236421	67.980	ng	99
71) Phenanthrene	11.422	178	977726	38.945	ng	100
72) Anthracene	11.474	178	1002478	38.296	ng	100
73) Carbazole	11.633	167	949572	38.948	ng	98
74) Di-n-butylphthalate	11.957	149	1135693	36.335	ng	99
75) Fluoranthene	12.616	202	1044923	39.194	ng	98
77) Benzidine	12.739	184	278291	33.618	ng	98
78) Pyrene	12.851	202	1042291	45.355	ng	100
80) Butylbenzylphthalate	13.468	149	394513	40.665	ng	98
81) Benzo(a)anthracene	14.045	228	687482	40.288	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	177144	31.225	ng	99
83) Chrysene	14.080	228	650402	40.299	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	453634	37.975	ng	100
85) Di-n-octyl phthalate	14.651	149	633024	37.291	ng	100
87) Indeno(1,2,3-cd)pyrene	17.121	276	768729	46.774	ng	99
88) Benzo(b)fluoranthene	15.115	252	628581	43.316	ng	99
89) Benzo(k)fluoranthene	15.151	252	561598	39.729	ng	98
90) Benzo(a)pyrene	15.498	252	550352	40.865	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	633876	46.587	ng	99
92) Benzo(g,h,i)perylene	17.598	276	634441	47.030	ng	98

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

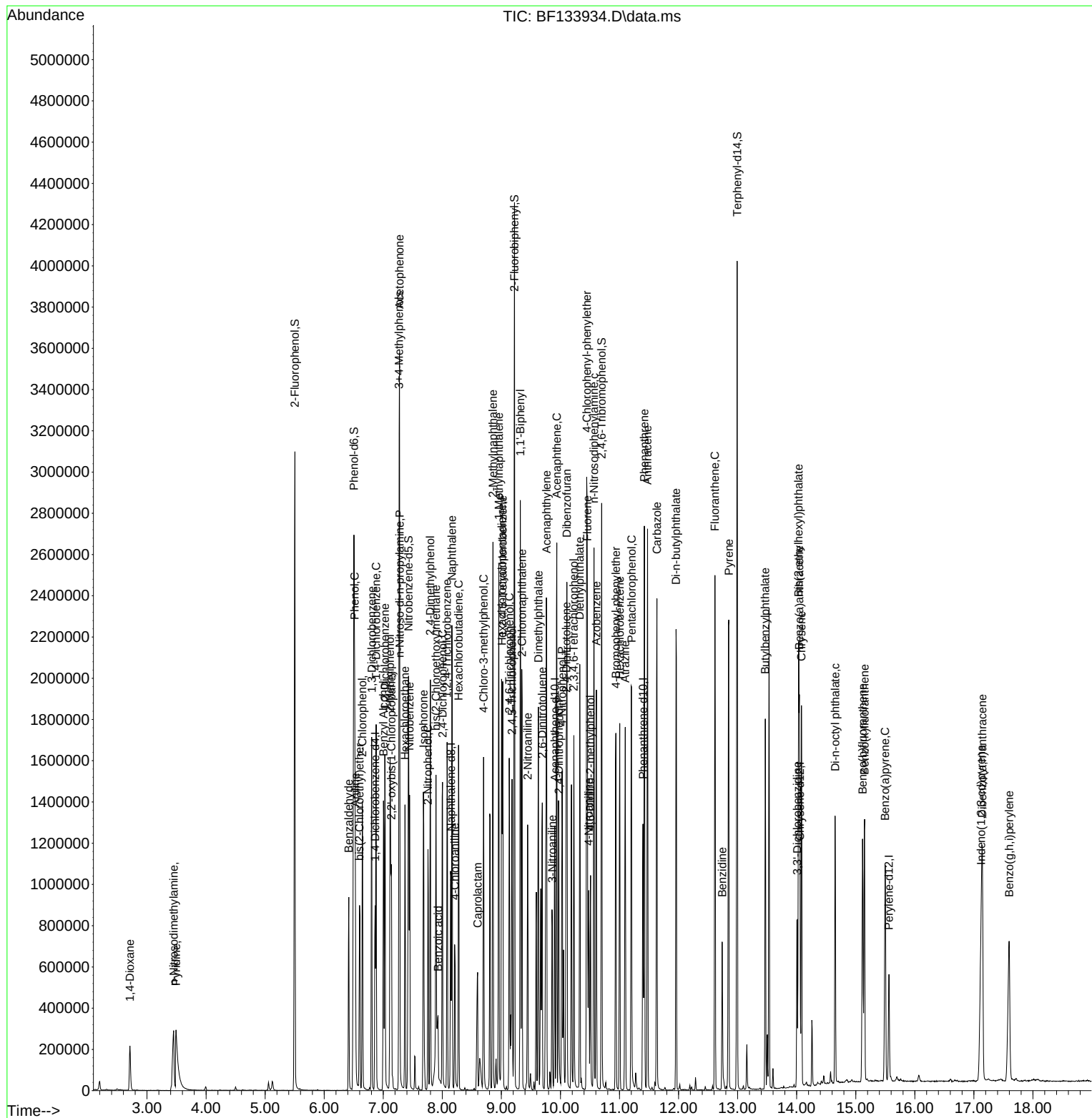
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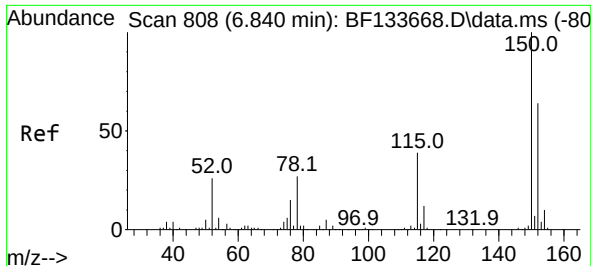
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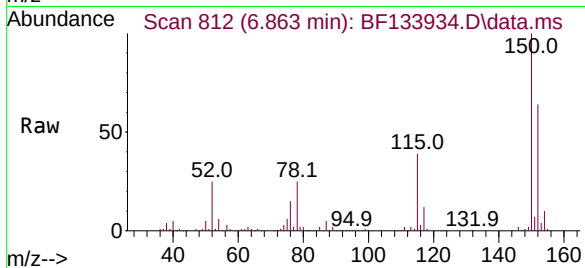
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

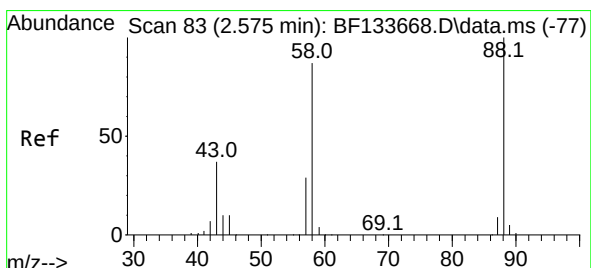
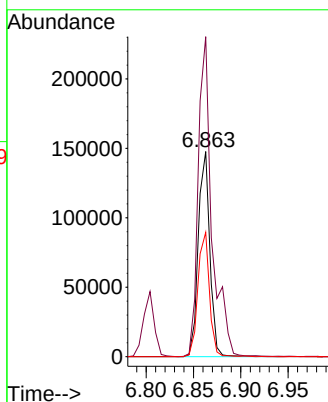
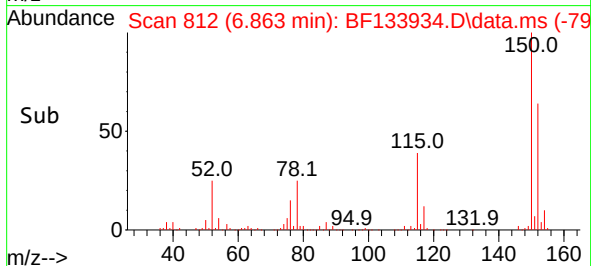
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



Tgt Ion:152 Resp: 12548
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 60.6 48.5 72.7

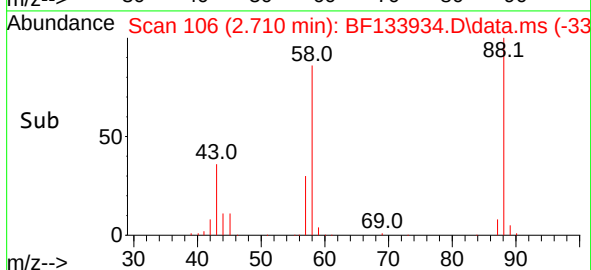
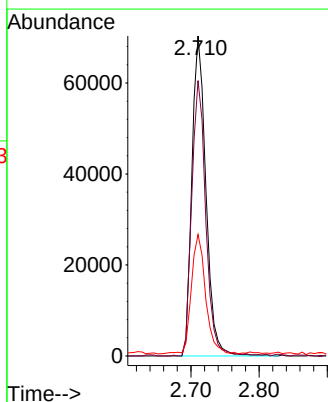
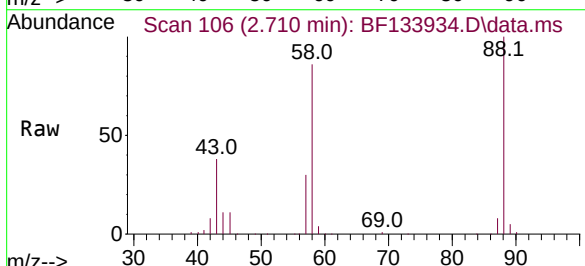
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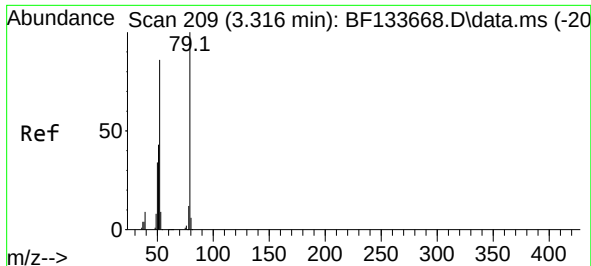
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Supervised By :mohammad ahmed 06/27/2023



#2
1,4-Dioxane
Concen: 31.600 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.077 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

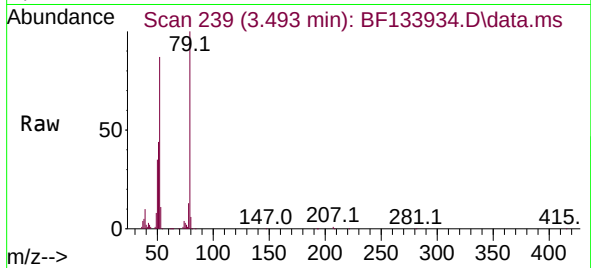
Tgt Ion: 88 Resp: 100139
Ion Ratio Lower Upper
88 100
58 86.2 67.8 101.6
43 37.8 29.8 44.6





#3
Pyridine
Concen: 27.661 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

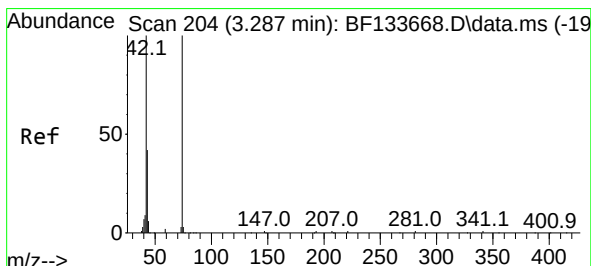
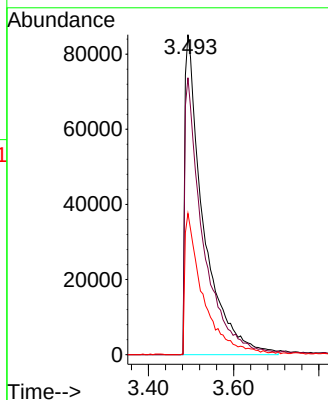
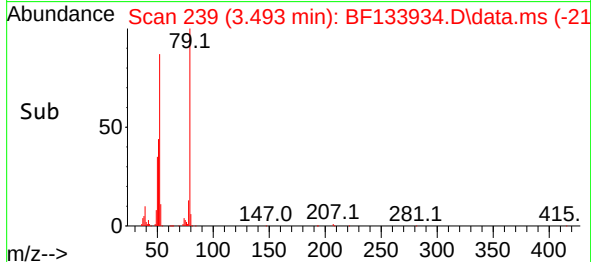
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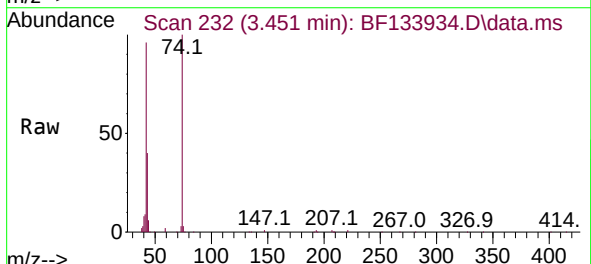
Tgt Ion: 79 Resp: 255489
Ion Ratio Lower Upper
79 100
52 86.6 68.6 102.8
51 44.2 34.8 52.2

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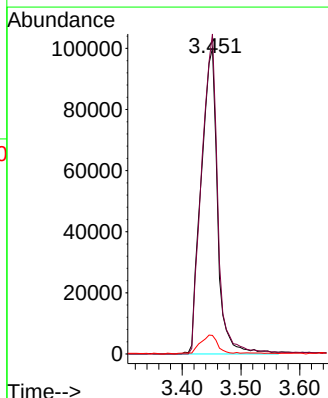
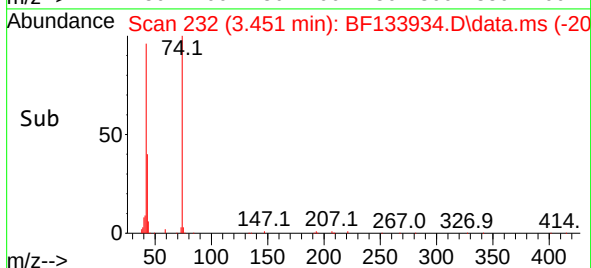
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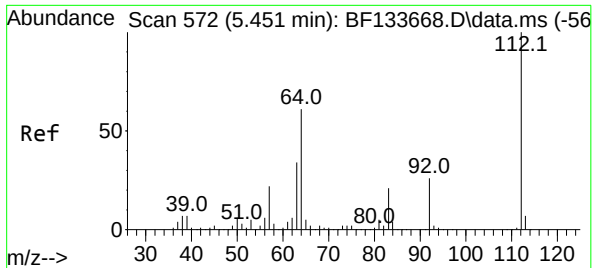


#4
n-Nitrosodimethylamine
Concen: 38.007 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.071 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion: 42 Resp: 194051
Ion Ratio Lower Upper
42 100
74 104.6 79.8 119.8
44 6.1 4.7 7.1





#5
2-Fluorophenol
Concen: 114.325 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

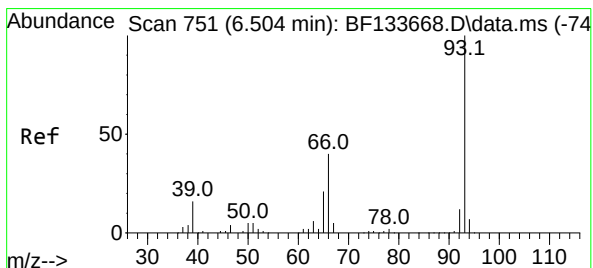
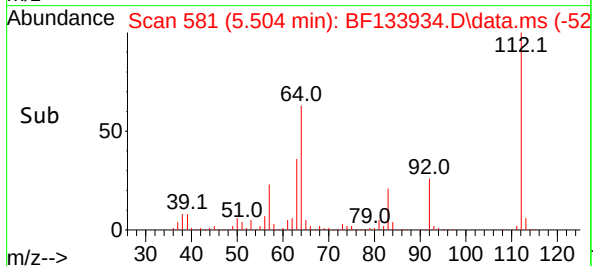
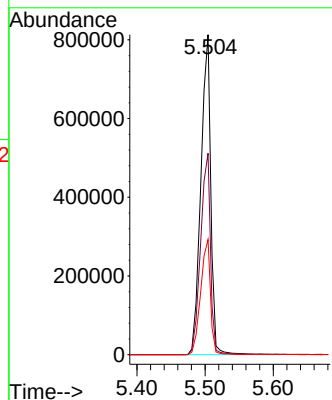
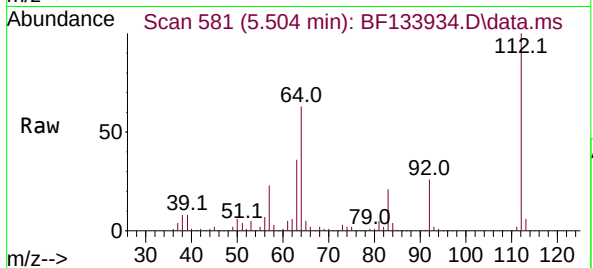
ClientSampleId :

PB153615BSD

Tgt Ion:112 Resp: 82406
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 36.0 26.8 40.2

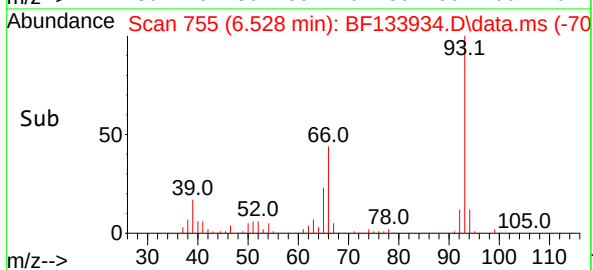
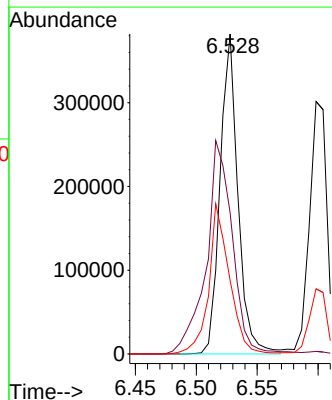
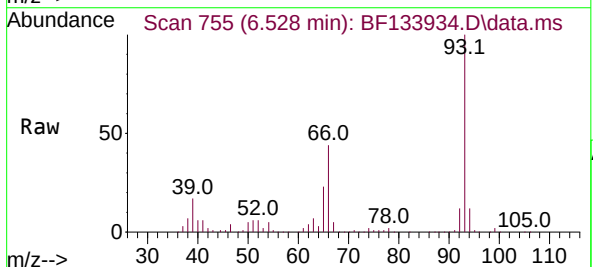
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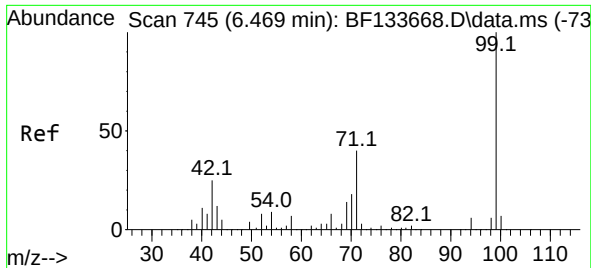
Reviewed By :Yogesh Patel 06/26/2023
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#6
Aniline
Concen: 32.963 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133934.D
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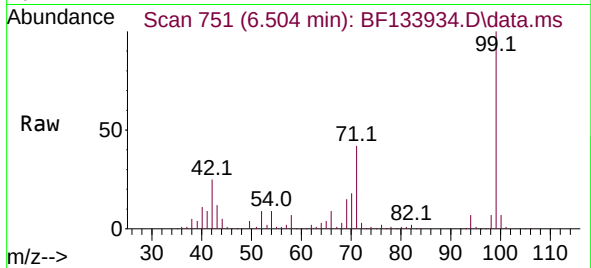
Tgt Ion: 93 Resp: 389539
Ion Ratio Lower Upper
93 100
66 44.2 34.4 51.6
65 23.0 17.5 26.3





#7
Phenol-d6
Concen: 107.517 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

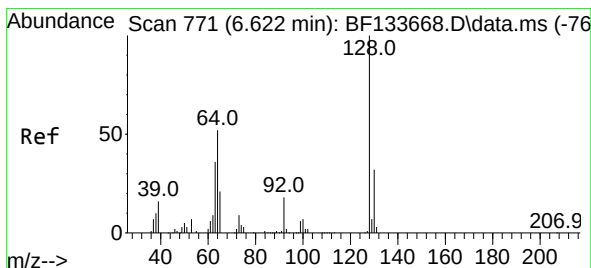
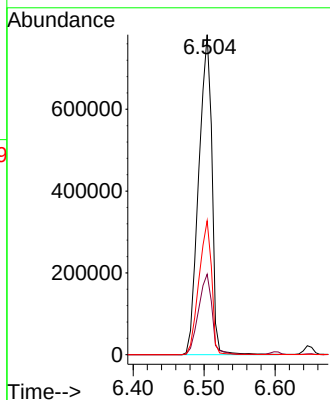
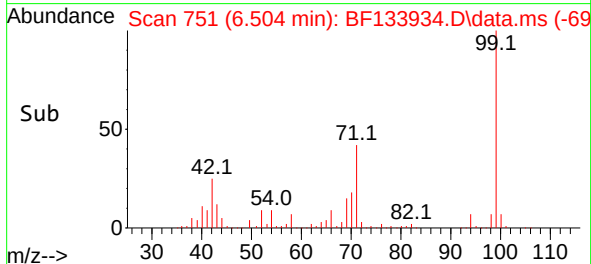
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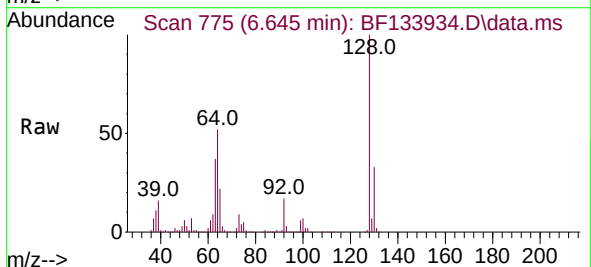
Tgt Ion: 99 Resp: 1008772
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 41.9 32.2 48.4

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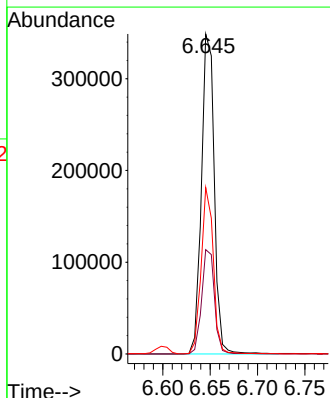
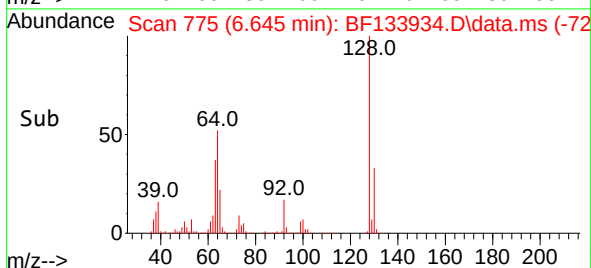
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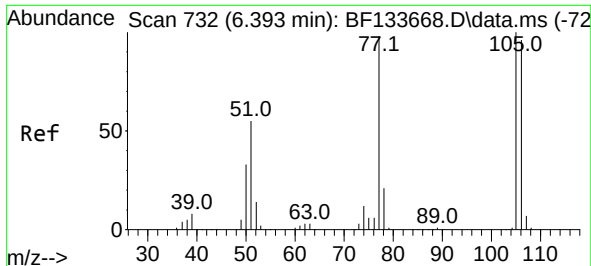


#8
2-Chlorophenol
Concen: 43.419 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:128 Resp: 329817
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 52.0 33.1 73.1





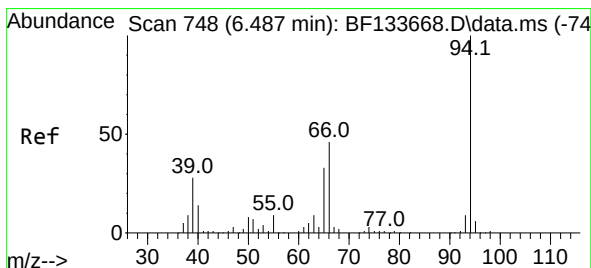
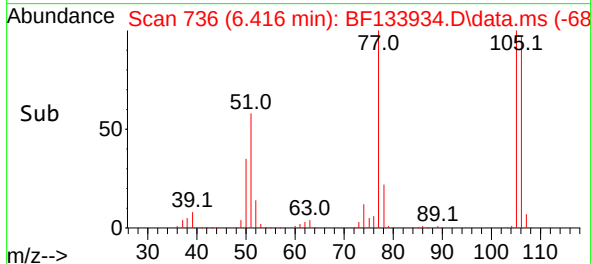
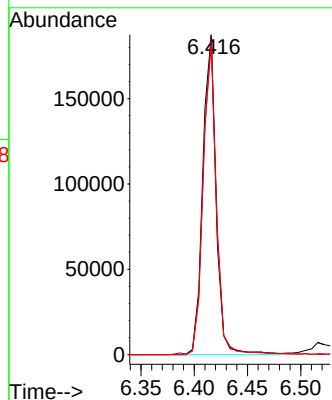
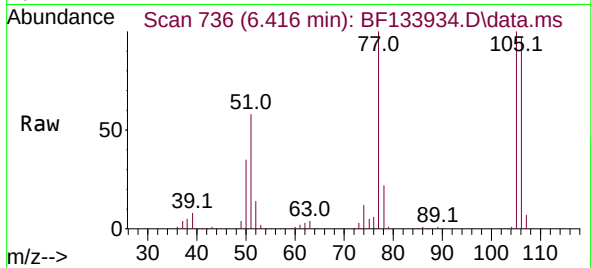
#9
Benzaldehyde
Concen: 26.205 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :
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Tgt Ion: 77 Resp: 16312
Ion Ratio Lower Upper
77 100
105 100.1 82.0 122.0
106 96.8 77.6 117.6

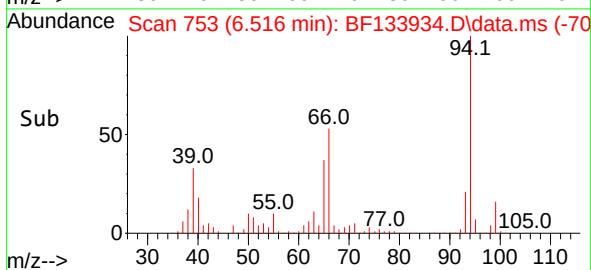
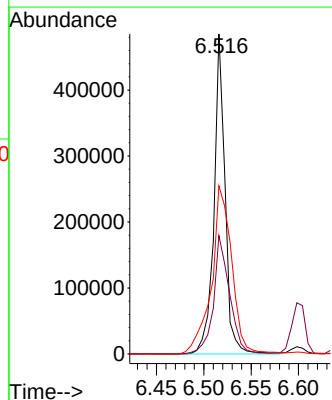
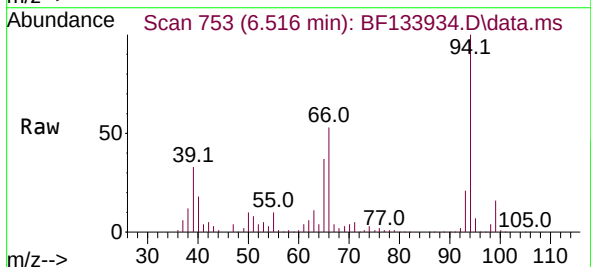
Manual Integrations
APPROVED

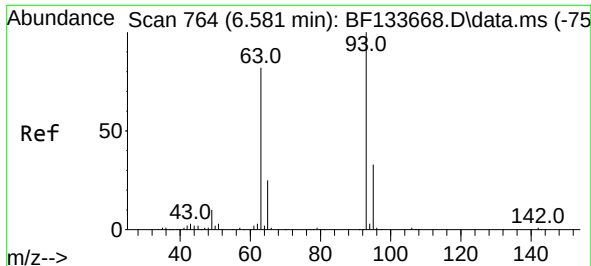
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Phenol
Concen: 40.235 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Tgt Ion: 94 Resp: 394187
Ion Ratio Lower Upper
94 100
65 37.0 13.2 53.2
66 52.6 26.1 66.1





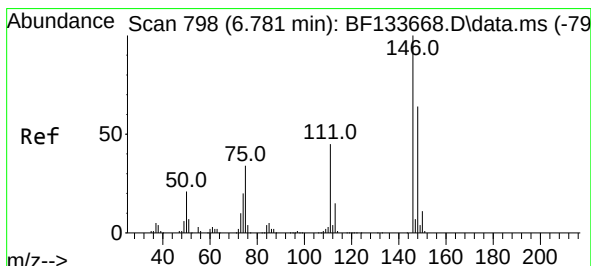
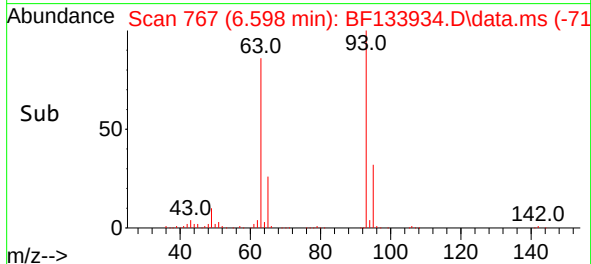
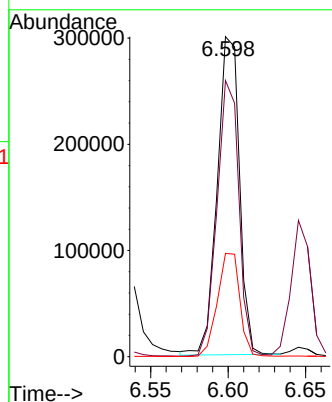
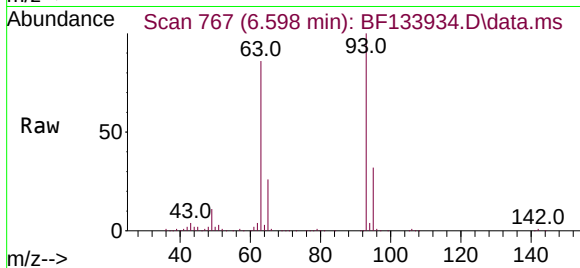
#11
bis(2-Chloroethyl)ether
Concen: 41.086 ng
RT: 6.598 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :
BNA_F
ClientSampleId :
PB153615BSD

Tgt Ion: 93 Resp: 298834
Ion Ratio Lower Upper
93 100
63 86.3 62.1 102.1
95 32.3 13.0 53.0

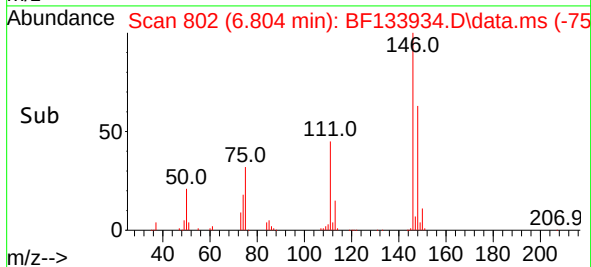
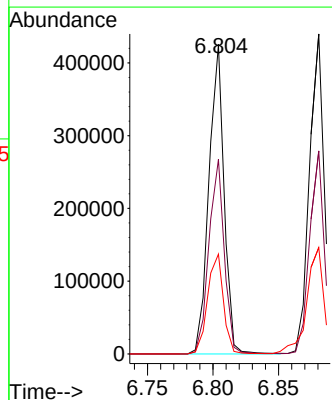
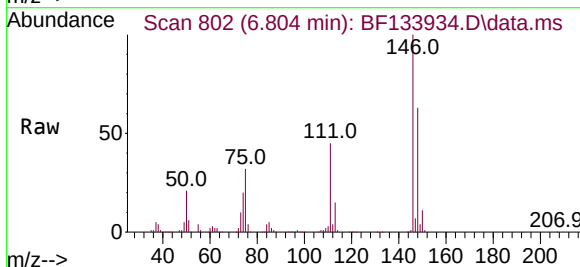
Manual Integrations
APPROVED

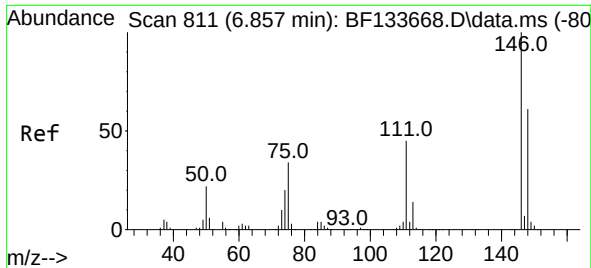
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#12
1,3-Dichlorobenzene
Concen: 42.386 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Tgt Ion:146 Resp: 344006
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 32.3 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 42.773 ng

RT: 6.881 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

Tgt Ion:146 Resp: 35086

Ion Ratio Lower Upper

146 100

148 63.4 48.9 73.3

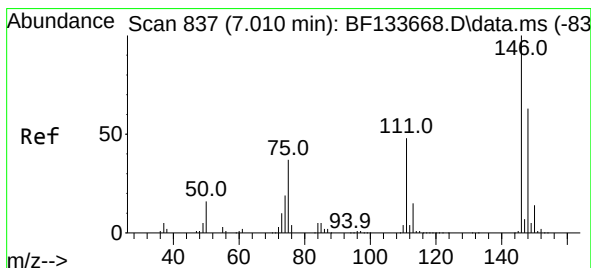
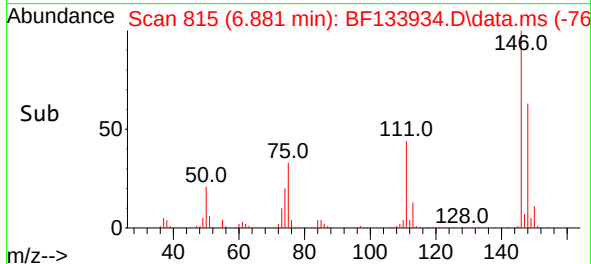
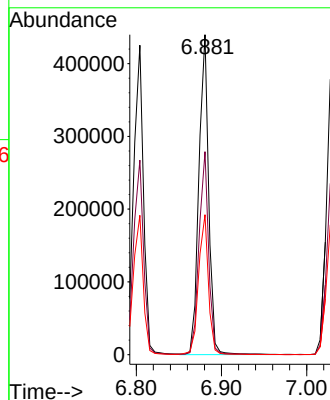
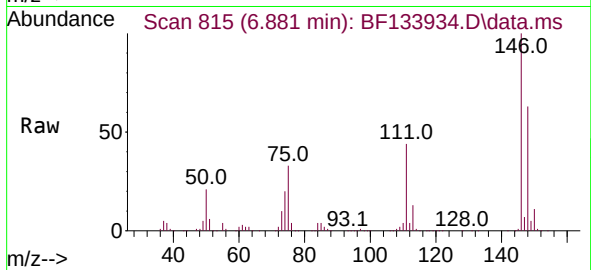
111 43.8 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#14

1,2-Dichlorobenzene

Concen: 45.574 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

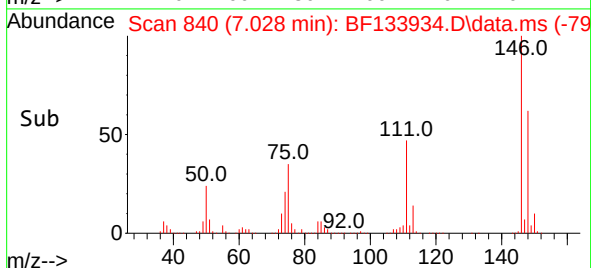
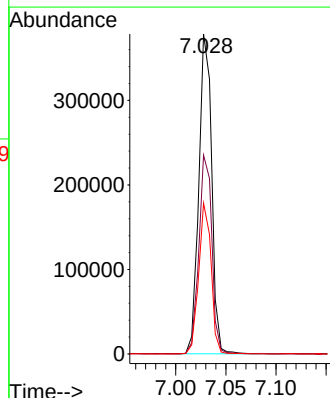
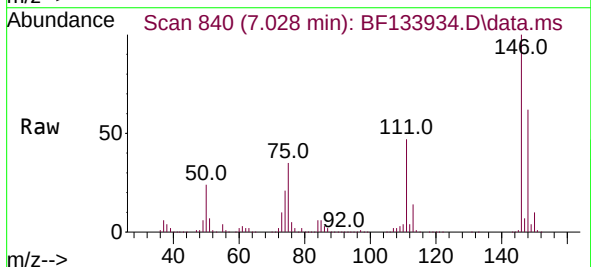
Tgt Ion:146 Resp: 337804

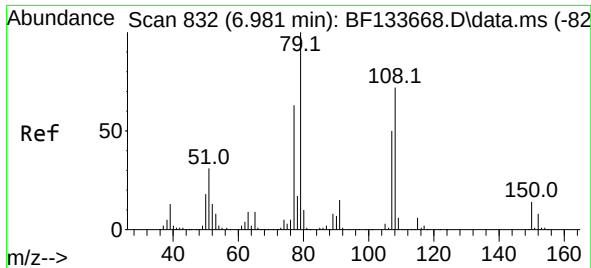
Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

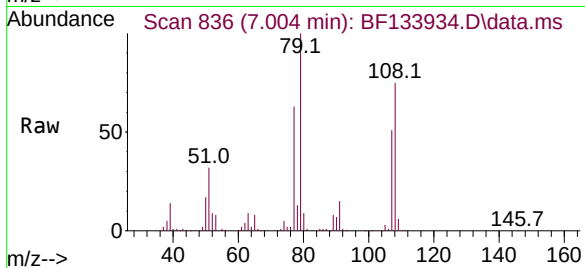
111 47.1 38.7 58.1





#15
Benzyl Alcohol
Concen: 40.805 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

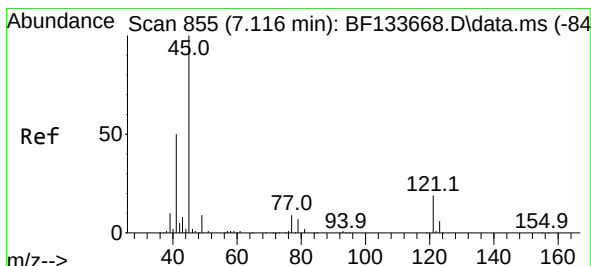
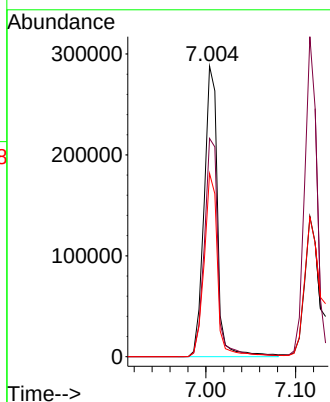
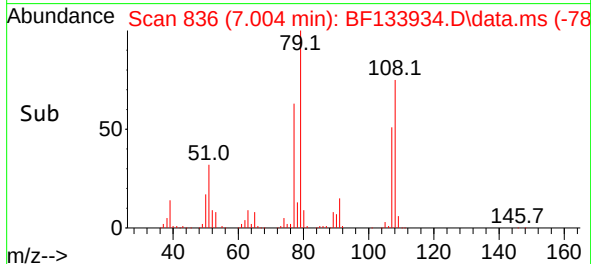
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



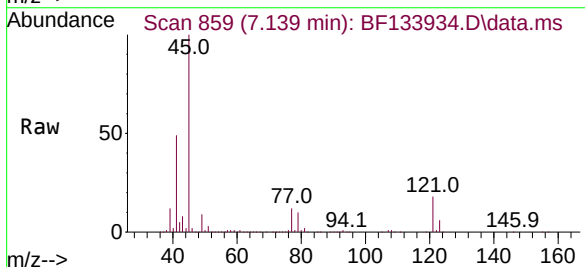
Tgt Ion: 79 Resp: 299023
Ion Ratio Lower Upper
79 100
108 75.1 57.9 86.9
77 63.0 50.4 75.6

Manual Integrations
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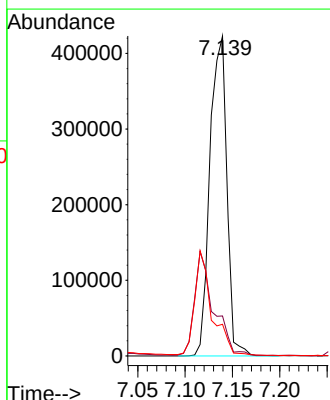
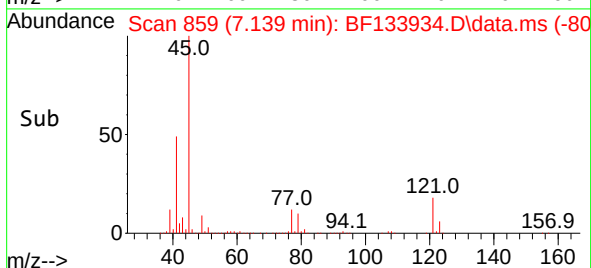
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

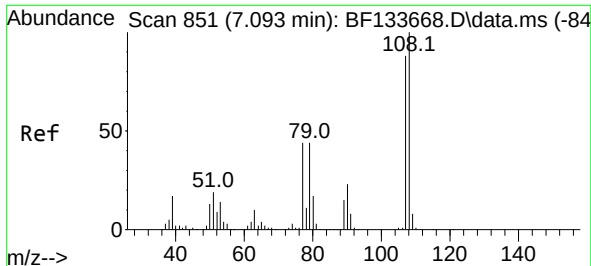


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.467 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion: 45 Resp: 523587
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.9 0.0 29.4





#17
2-Methylphenol
Concen: 40.131 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

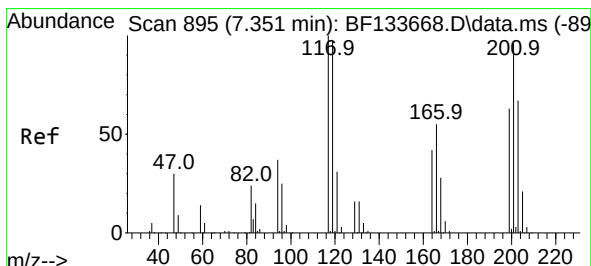
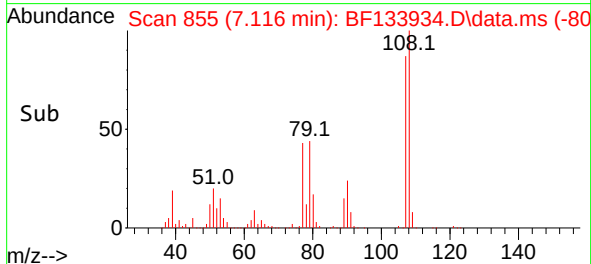
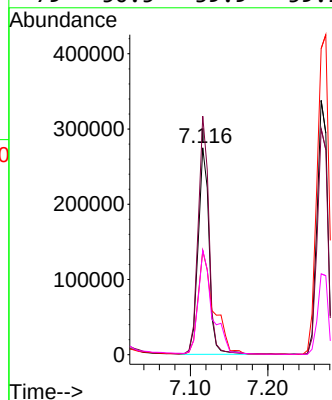
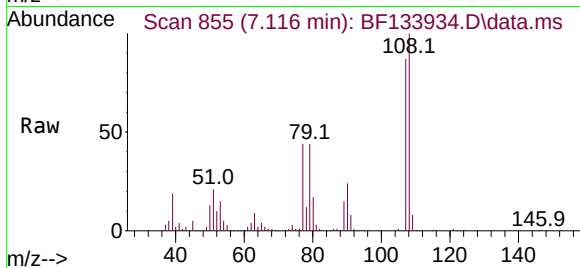
PB153615BSD

Tgt Ion:107 Resp: 27019
Ion Ratio Lower Upper
107 100
108 115.3 90.9 136.3
77 50.2 39.8 59.6
79 50.5 39.9 59.9

Manual Integrations

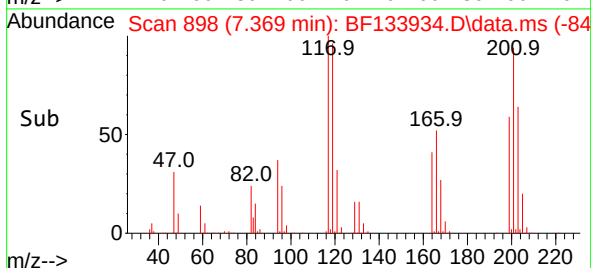
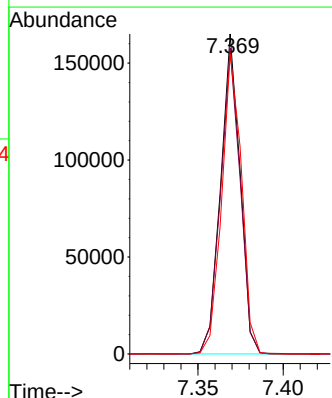
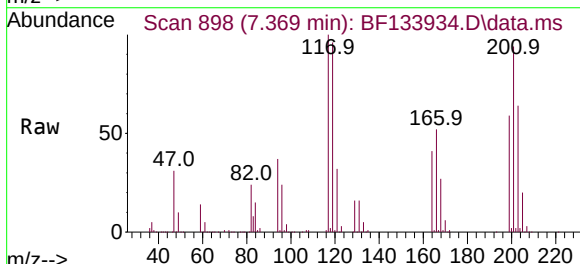
APPROVED

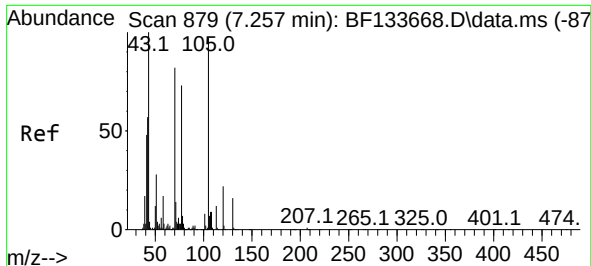
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#18
Hexachloroethane
Concen: 46.547 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

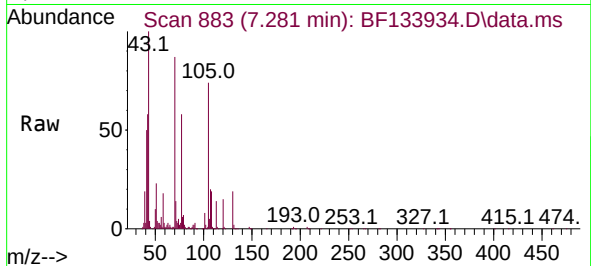
Tgt Ion:117 Resp: 130717
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
201 93.7 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.510 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

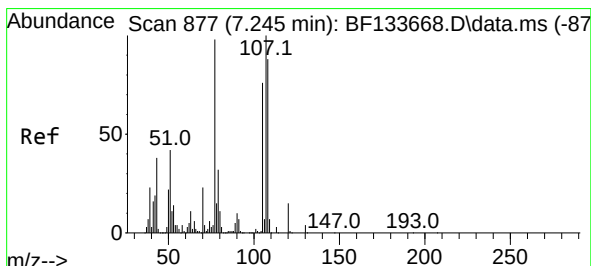
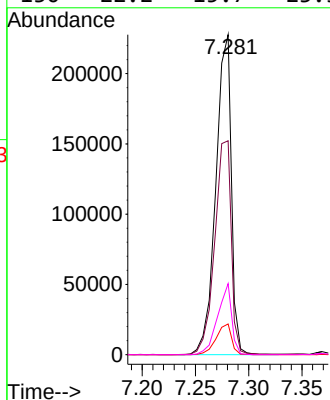
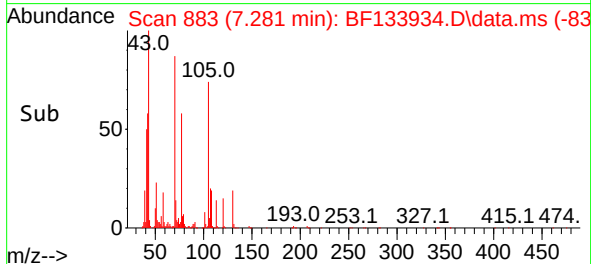
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



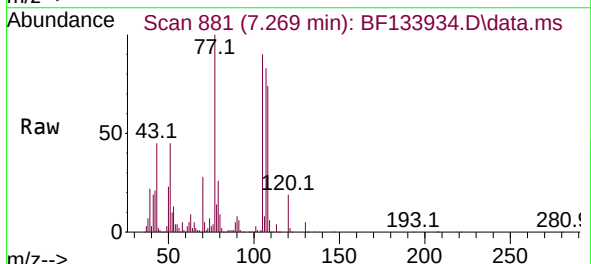
Tgt Ion: 70 Resp: 22988
Ion Ratio Lower Upper
70 100
42 66.9 55.8 83.8
101 9.6 8.1 12.1
130 22.2 15.7 23.5

Manual Integrations
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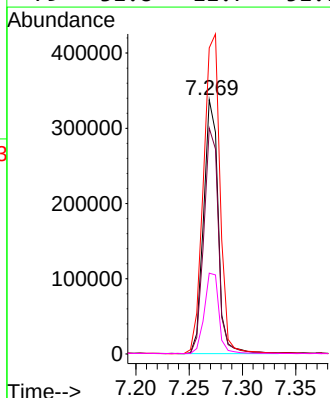
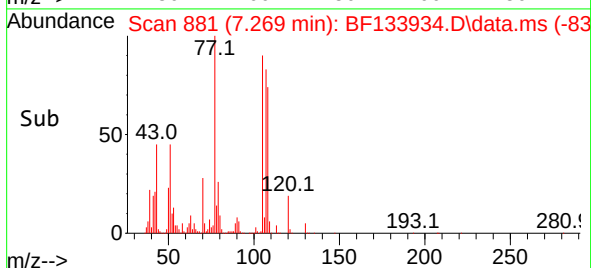
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

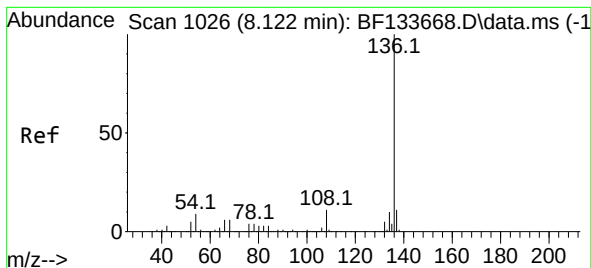


#20
3+4-Methylphenols
Concen: 36.818 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:107 Resp: 322478
Ion Ratio Lower Upper
107 100
108 88.8 67.9 107.9
77 120.4 77.7 117.7#
79 31.8 11.7 51.7





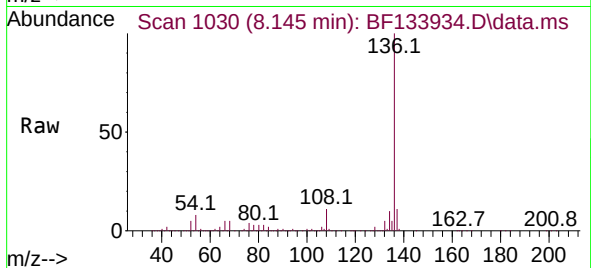
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

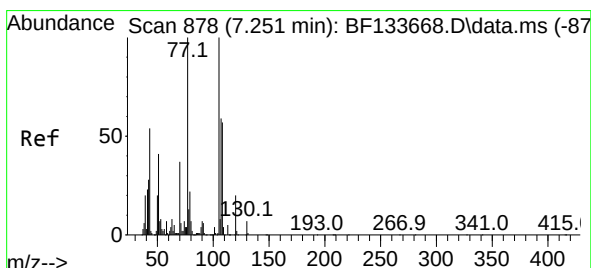
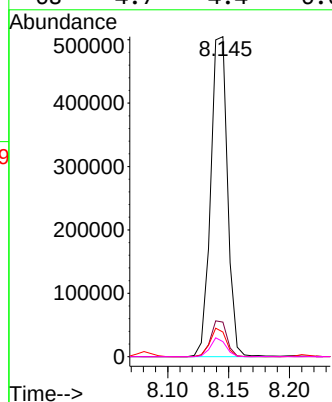
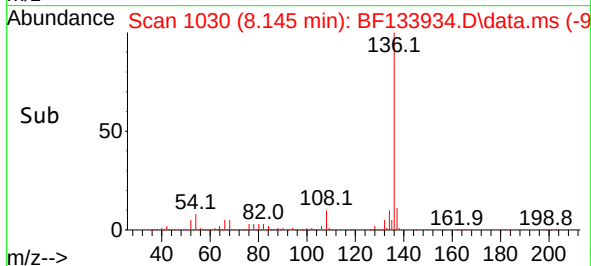


Tgt Ion:136 Resp: 483937
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 7.4 11.0
68 4.7 4.4 6.6

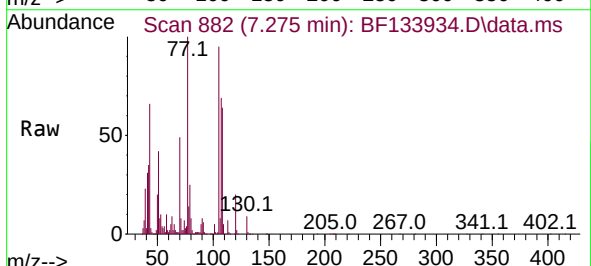
Manual Integrations

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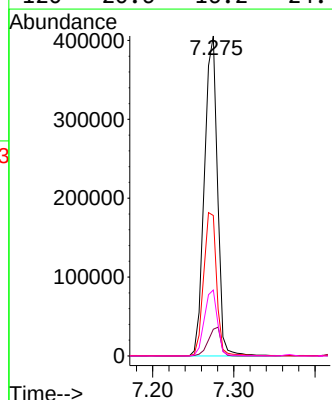
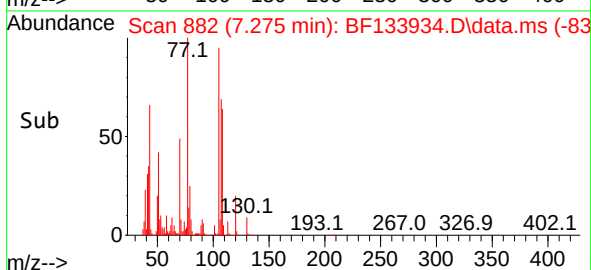
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

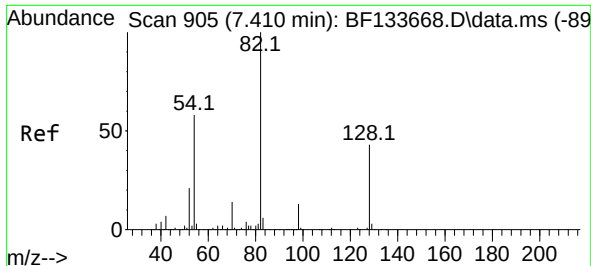


#22
Acetophenone
Concen: 40.858 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:105 Resp: 453502
Ion Ratio Lower Upper
105 100
71 8.4 4.8 7.2#
51 43.9 33.0 49.4
120 20.6 16.2 24.4





#23
Nitrobenzene-d5
Concen: 77.841 ng
RT: 7.428 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

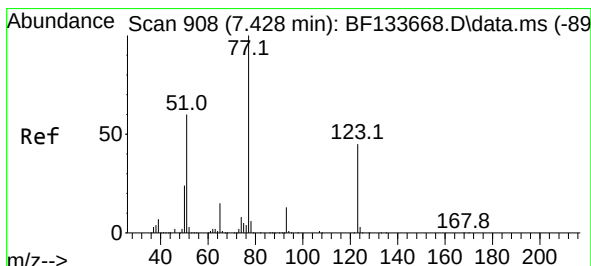
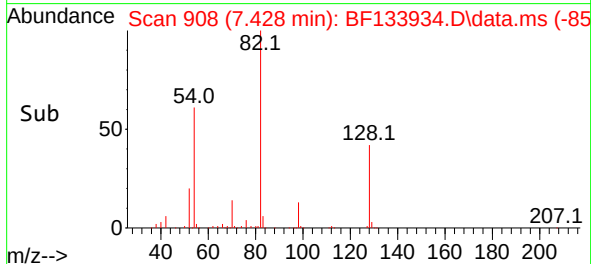
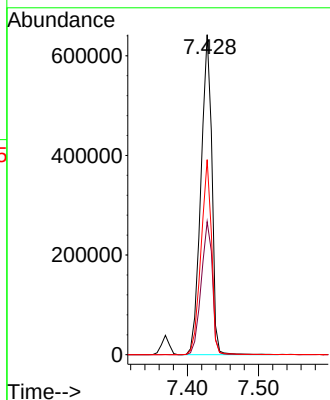
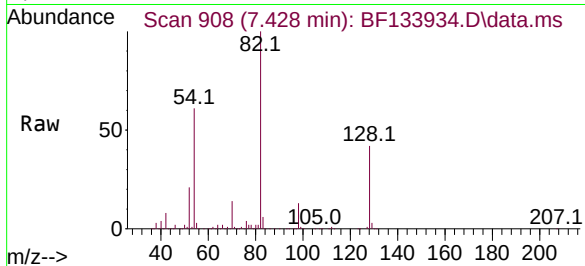
ClientSampleId :

PB153615BSD

Tgt Ion: 82 Resp: 691610
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.2
54 60.9 46.5 69.7

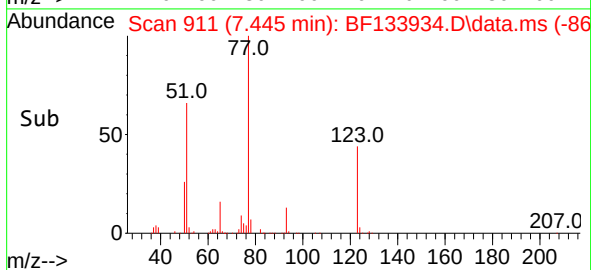
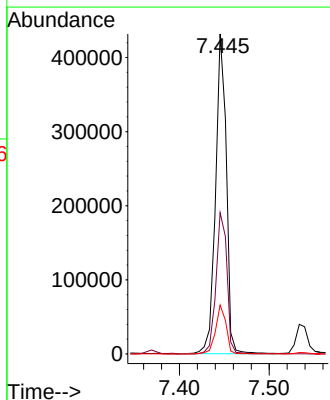
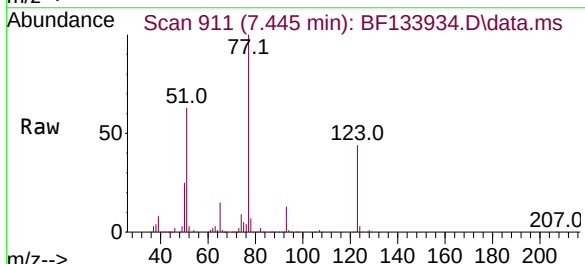
Manual Integrations
APPROVED

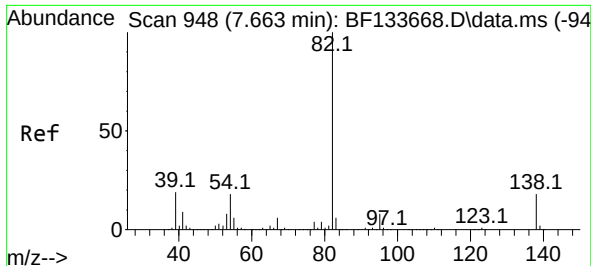
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#24
Nitrobenzene
Concen: 40.233 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

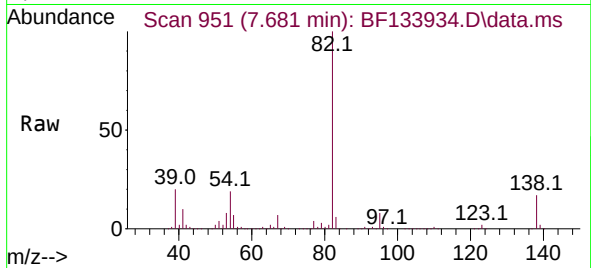
Tgt Ion: 77 Resp: 359954
Ion Ratio Lower Upper
77 100
123 44.2 35.8 53.8
65 15.3 11.6 17.4





#25
Isophorone
Concen: 38.961 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

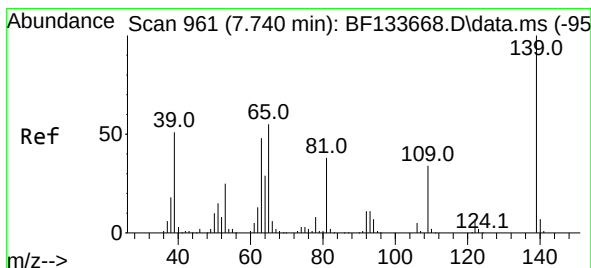
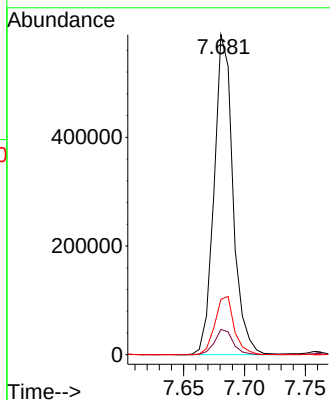
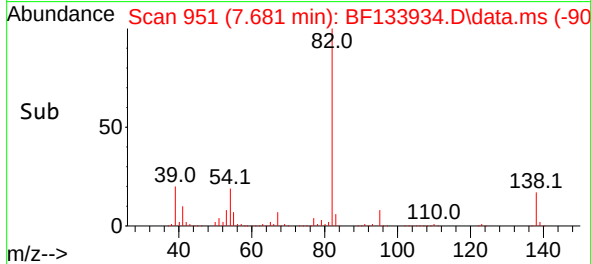
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



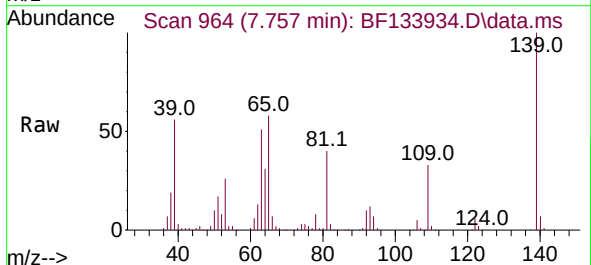
Tgt Ion: 82 Resp: 63553
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 17.3 14.2 21.2

Manual Integrations
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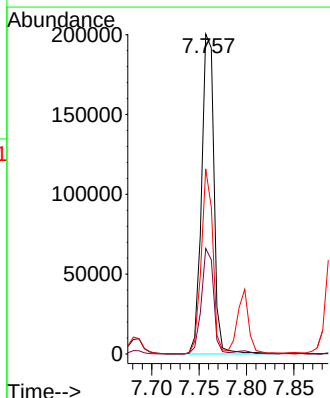
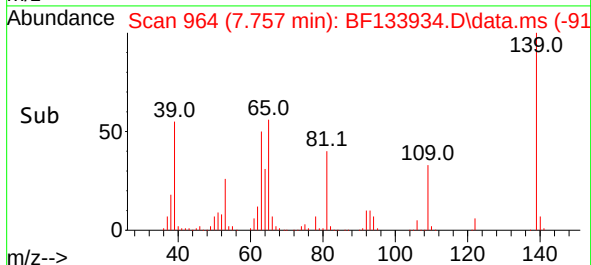
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

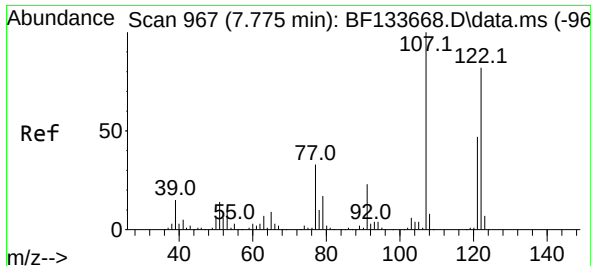


#26
2-Nitrophenol
Concen: 45.726 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:139 Resp: 183596
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 57.9 44.2 66.4





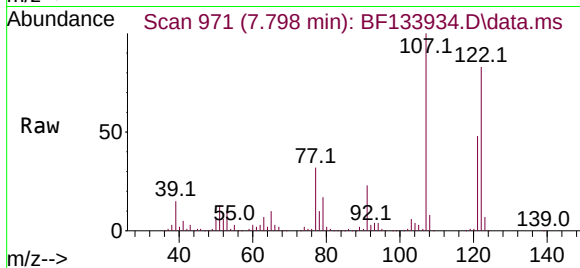
#27
2,4-Dimethylphenol
Concen: 41.354 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD



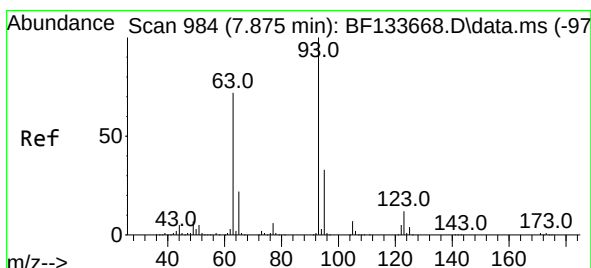
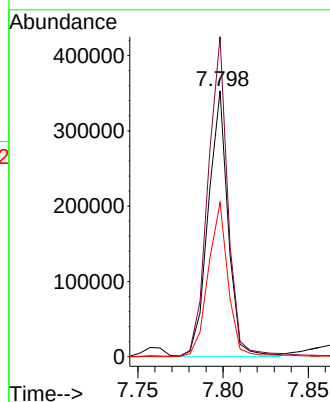
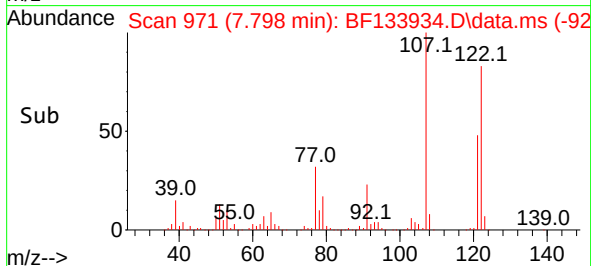
Tgt Ion:122 Resp: 286189
Ion Ratio Lower Upper
122 100
107 120.4 97.8 146.6
121 58.0 46.1 69.1

Manual Integrations

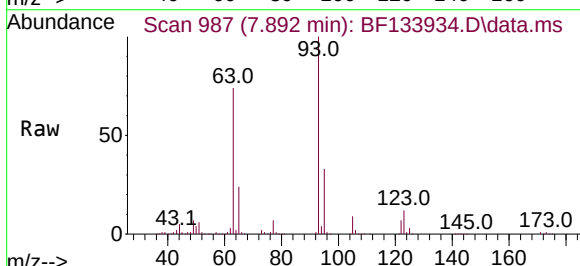
APPROVED

Reviewed By :Yogesh Patel 06/26/2023

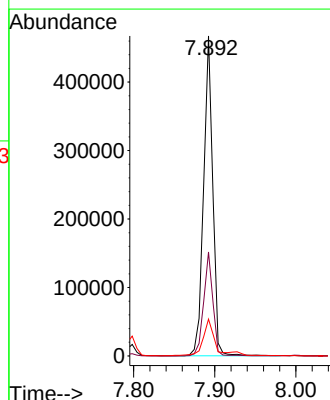
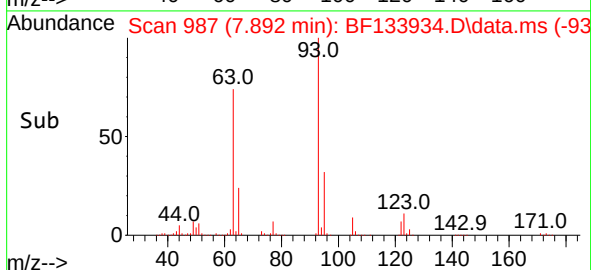
Supervised By :mohammad ahmed 06/27/2023

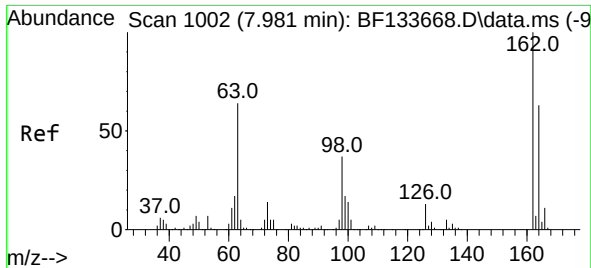


#28
bis(2-Chloroethoxy)methane
Concen: 38.988 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion: 93 Resp: 367570
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 11.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.759 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

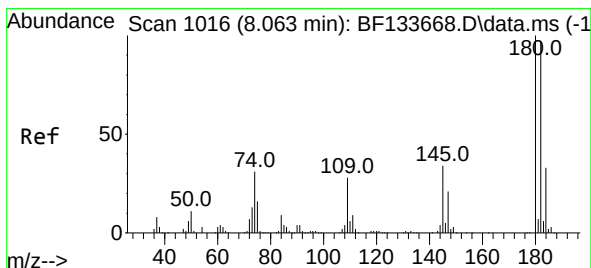
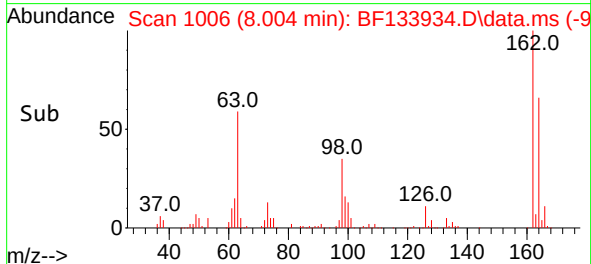
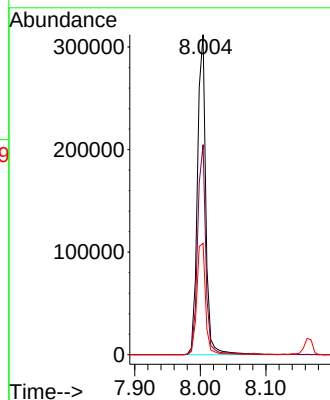
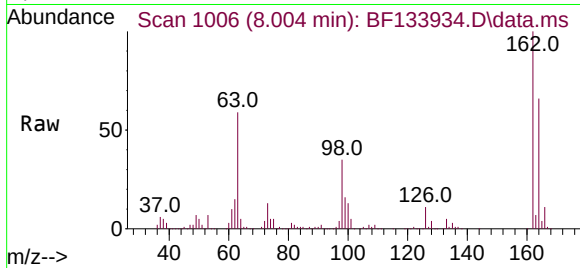
Tgt Ion:	162	Resp:	27645
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.4	83.4
98	34.8	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.615 ng

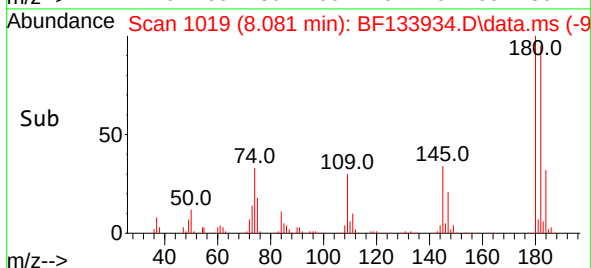
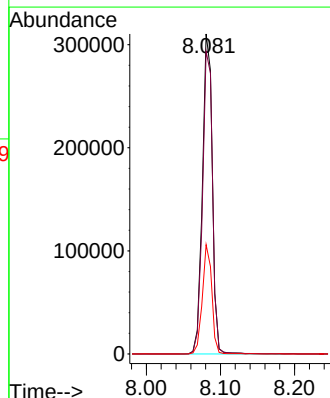
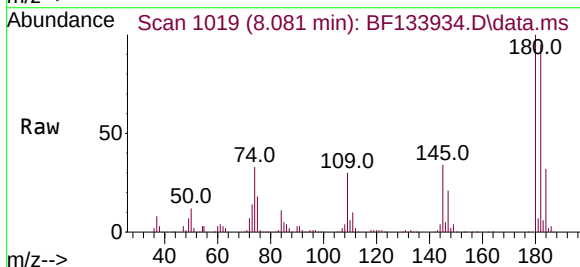
RT: 8.081 min Scan# 1019

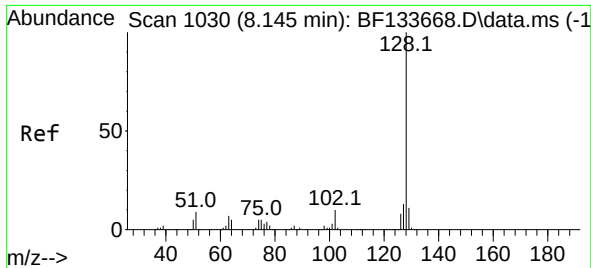
Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Tgt Ion:	180	Resp:	287416
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.8	116.8
145	34.2	27.0	40.4





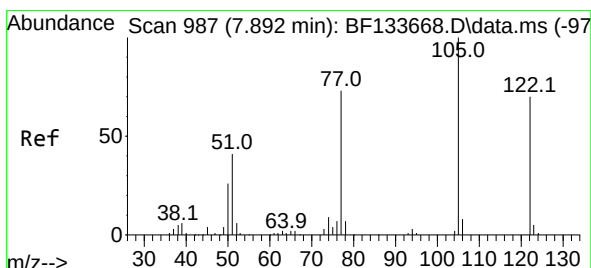
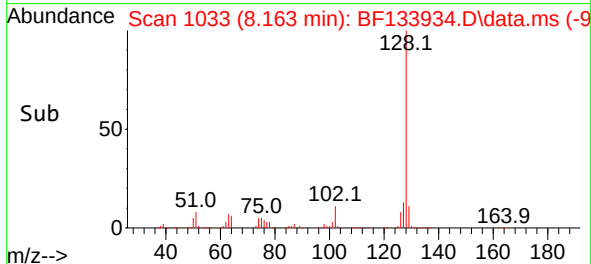
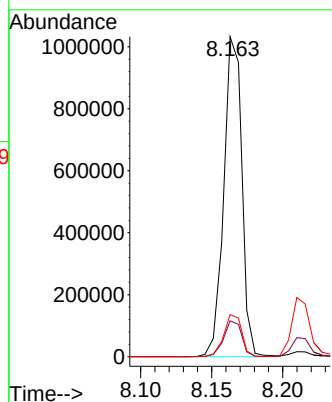
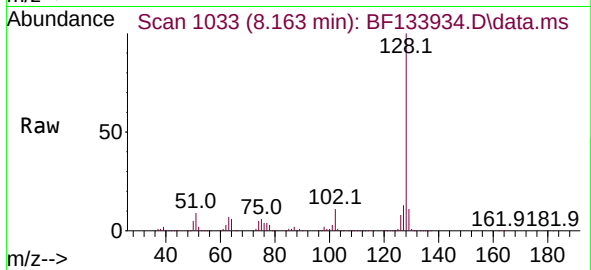
#31
Naphthalene
Concen: 38.734 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :
BNA_F
ClientSampleId :
PB153615BSD

Tgt Ion:128 Resp: 91325
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7

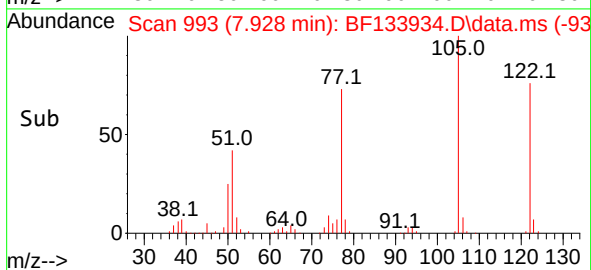
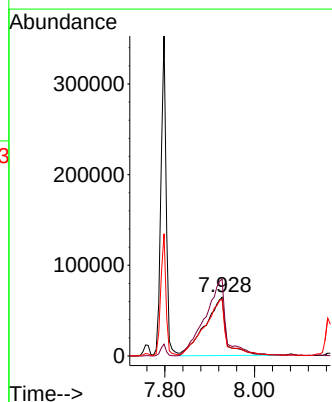
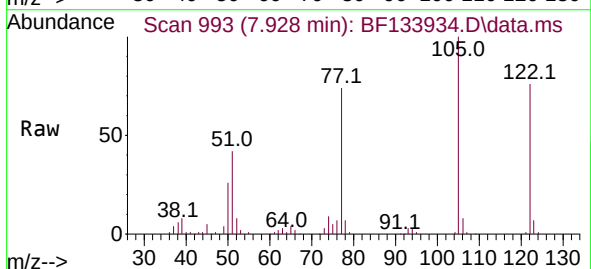
Manual Integrations
APPROVED

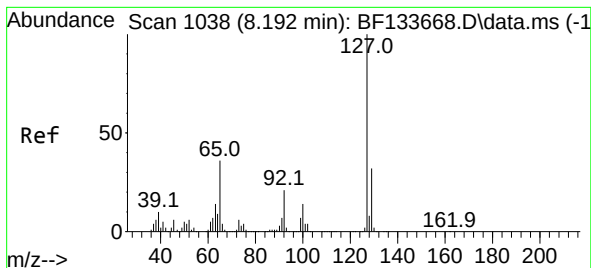
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#32
Benzoic acid
Concen: 49.470 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.018 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Tgt Ion:122 Resp: 215920
Ion Ratio Lower Upper
122 100
105 131.1 116.3 156.3
77 96.7 82.4 122.4





#33
4-Chloroaniline
Concen: 18.416 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

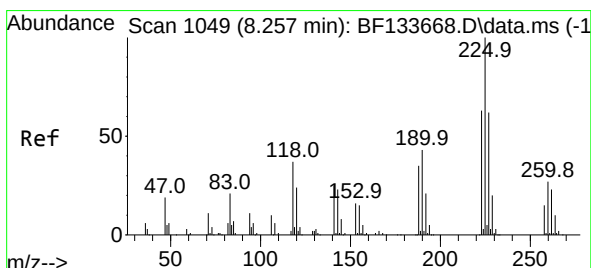
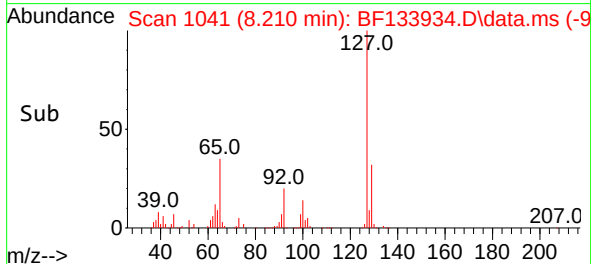
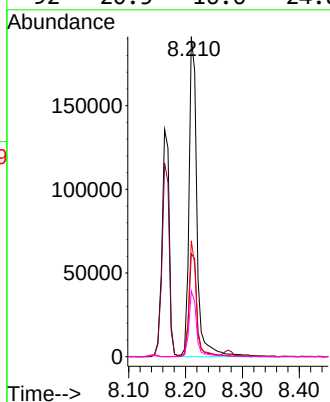
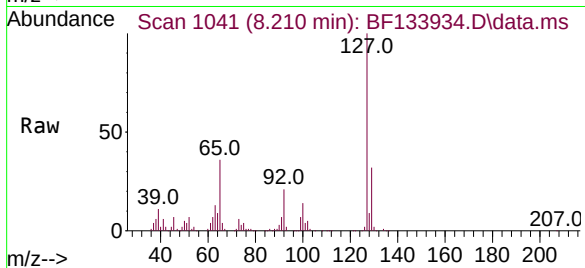
PB153615BSD

Tgt Ion:127 Resp: 185659
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 36.2 28.9 43.3
92 20.5 16.6 24.8

Manual Integrations

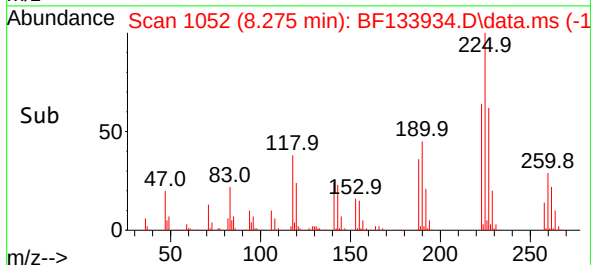
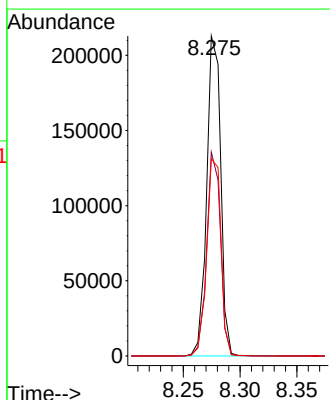
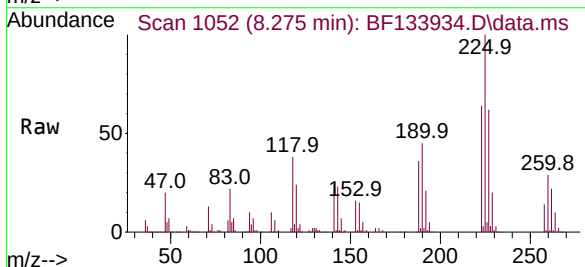
APPROVED

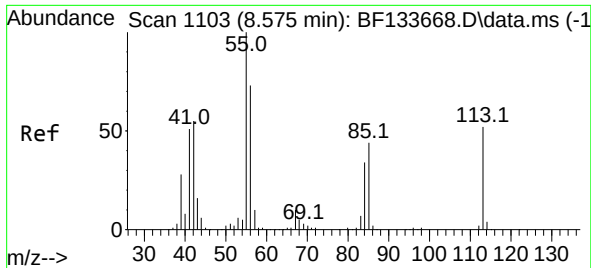
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#34
Hexachlorobutadiene
Concen: 39.260 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

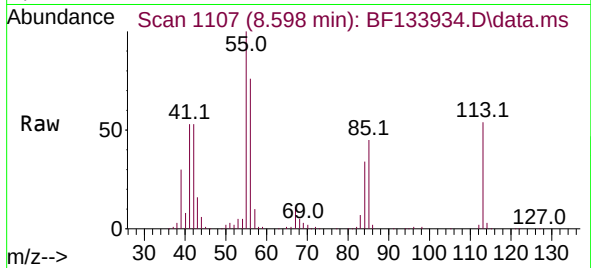
Tgt Ion:225 Resp: 181899
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 61.7 49.5 74.3





#35
 Caprolactam
 Concen: 42.291 ng m
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF133934.D
 Acq: 23 Jun 2023 10:16

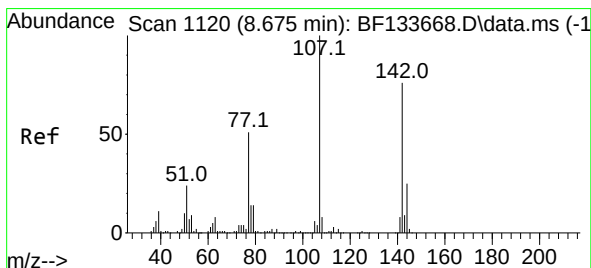
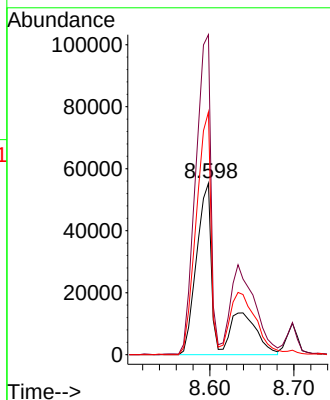
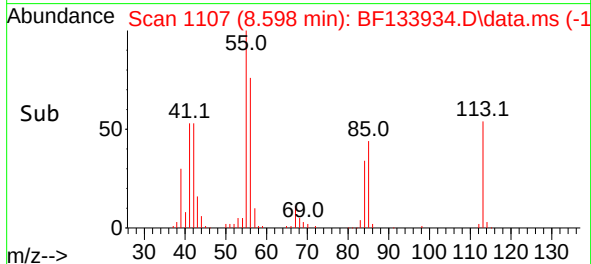
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BSD



Tgt Ion:113 Resp: 9652
 Ion Ratio Lower Upper
 113 100
 55 186.7 173.3 213.3
 56 141.6 120.5 160.5

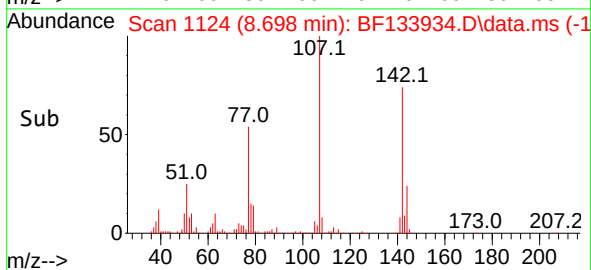
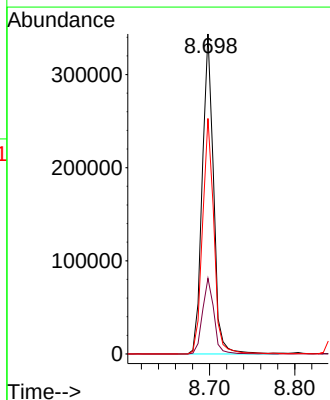
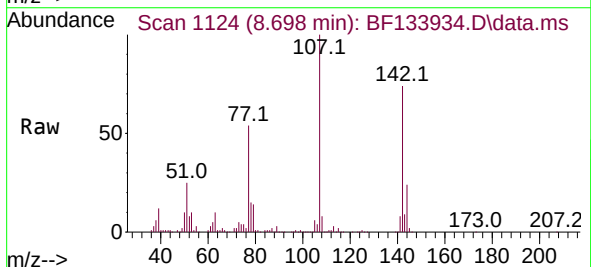
Manual Integrations
 APPROVED

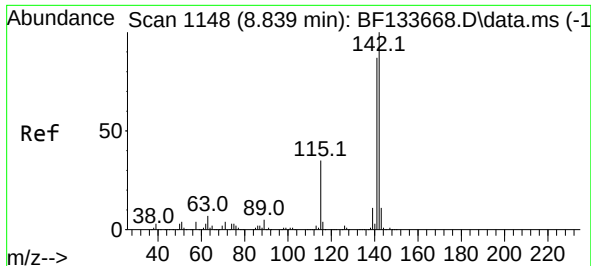
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#36
 4-Chloro-3-methylphenol
 Concen: 40.336 ng
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF133934.D
 Acq: 23 Jun 2023 10:16

Tgt Ion:107 Resp: 315354
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.7 29.5
 142 73.6 61.1 91.7





#37

2-Methylnaphthalene

Concen: 37.861 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

Tgt Ion:142 Resp: 62024

Ion Ratio Lower Upper

142 100

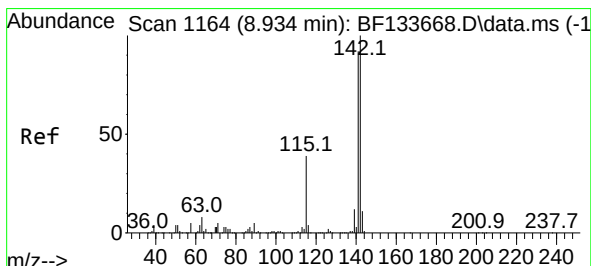
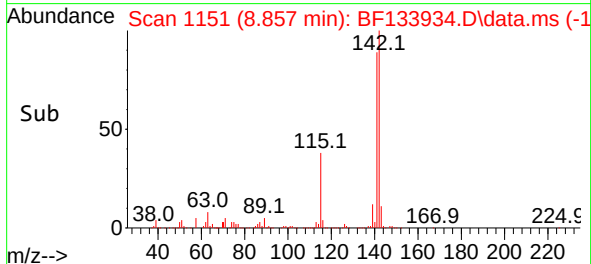
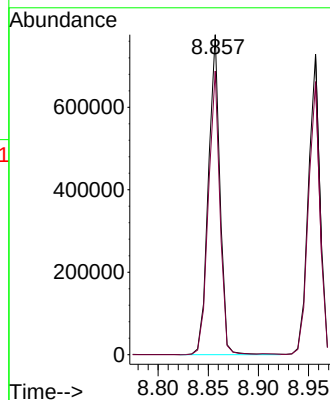
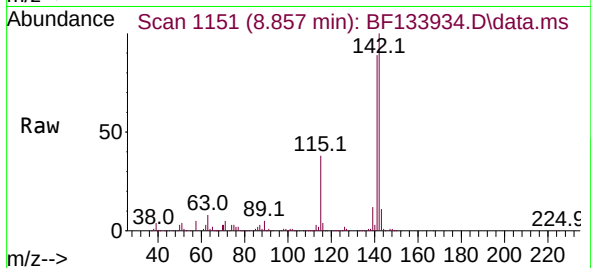
141 88.7 69.8 104.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#38

1-Methylnaphthalene

Concen: 38.428 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF133934.D

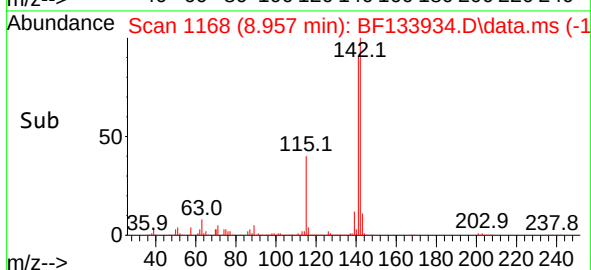
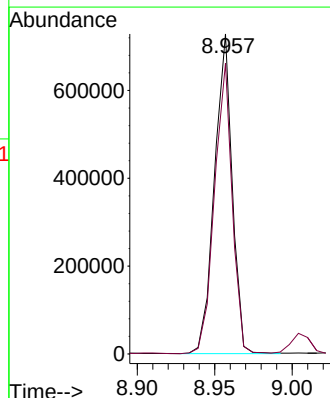
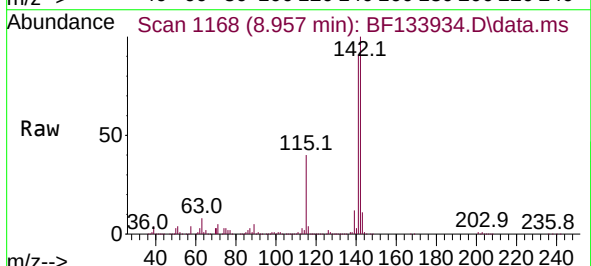
Acq: 23 Jun 2023 10:16

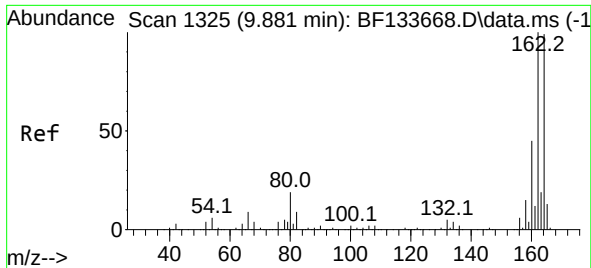
Tgt Ion:142 Resp: 579282

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF133934.D

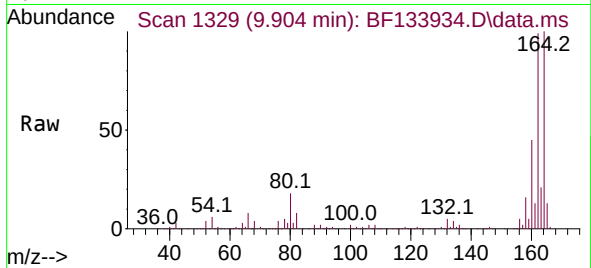
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD



Tgt Ion:164 Resp: 248554

Ion Ratio Lower Upper

164 100

162 99.2 80.8 121.2

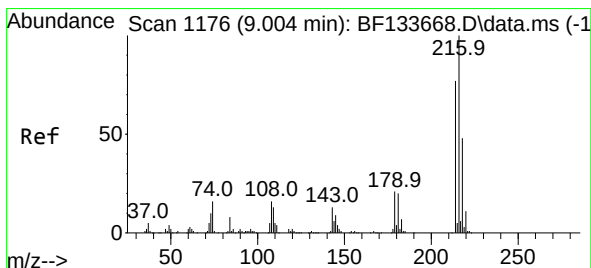
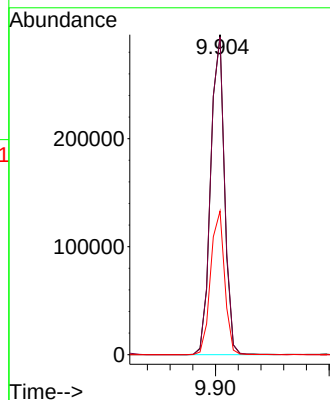
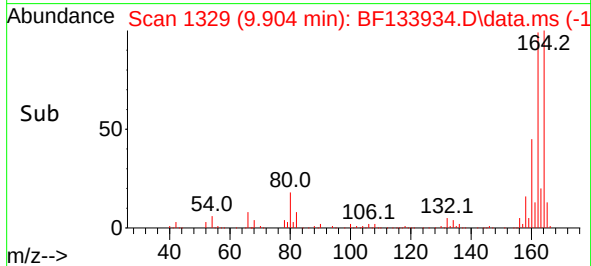
160 44.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.989 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Tgt Ion:216 Resp: 294610

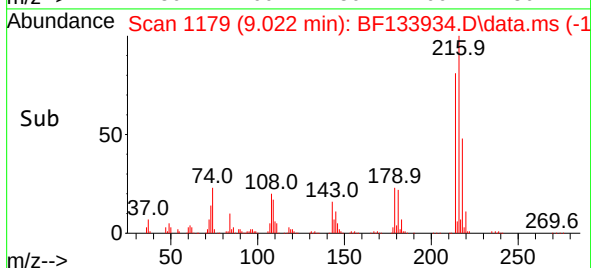
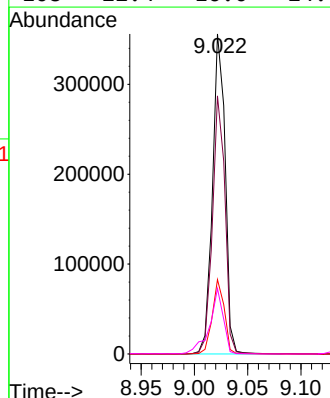
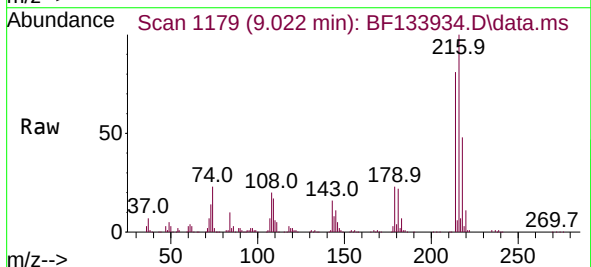
Ion Ratio Lower Upper

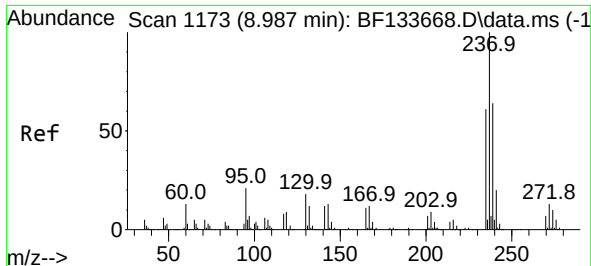
216 100

214 79.7 62.7 94.1

179 22.2 17.6 26.4

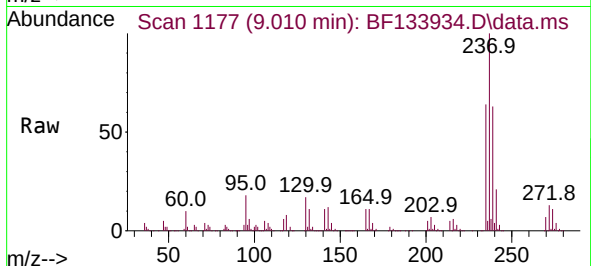
108 22.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 95.546 ng
RT: 9.010 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

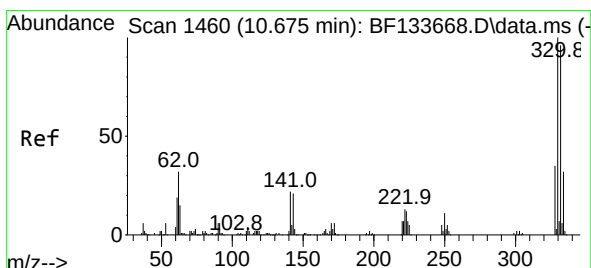
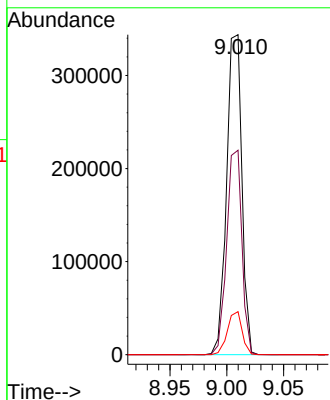
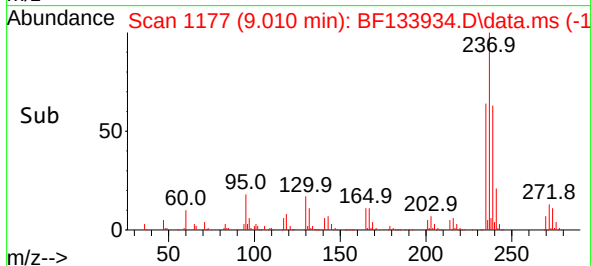
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



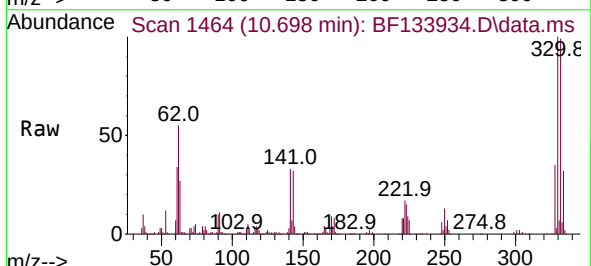
Tgt Ion:237 Resp: 321734
Ion Ratio Lower Upper
237 100
235 63.9 40.6 80.6
272 13.5 0.0 32.6

Manual Integrations
APPROVED

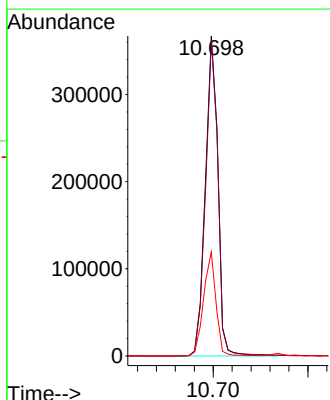
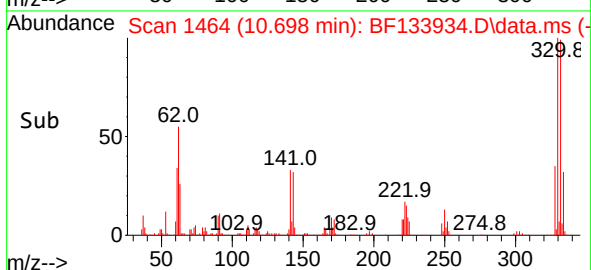
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

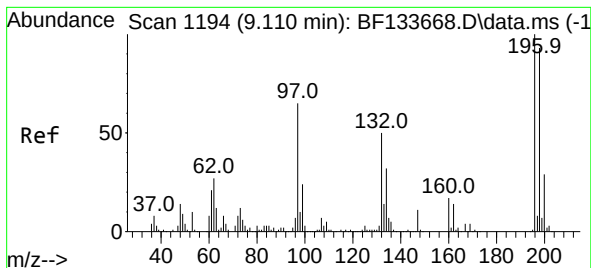


#42
2,4,6-Tribromophenol
Concen: 107.374 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



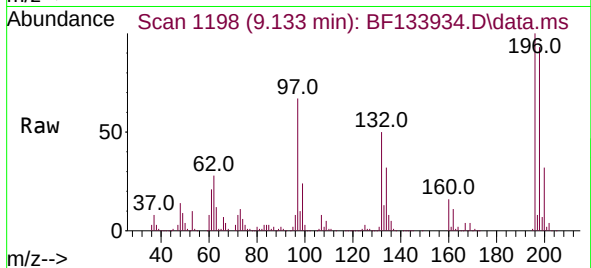
Tgt Ion:330 Resp: 337825
Ion Ratio Lower Upper
330 100
332 97.7 77.2 115.8
141 32.2 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 39.551 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

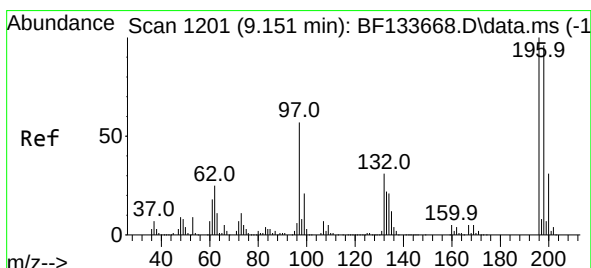
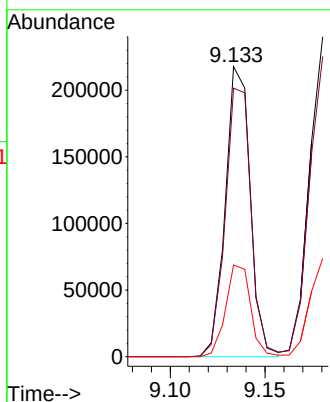
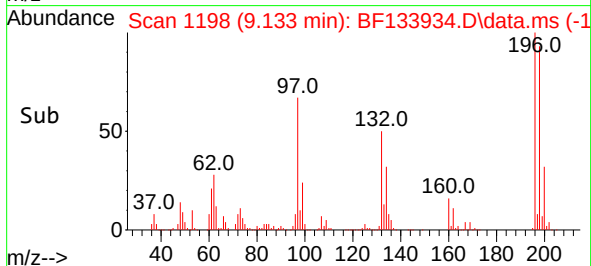
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



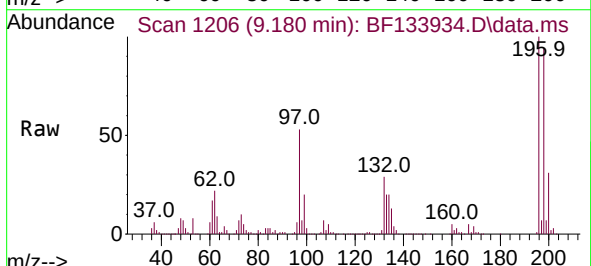
Tgt Ion:196 Resp: 199708
Ion Ratio Lower Upper
196 100
198 92.5 74.5 111.7
200 31.6 22.9 34.3

Manual Integrations
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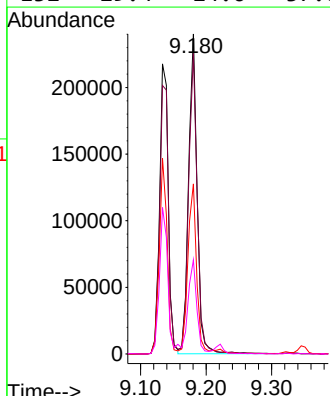
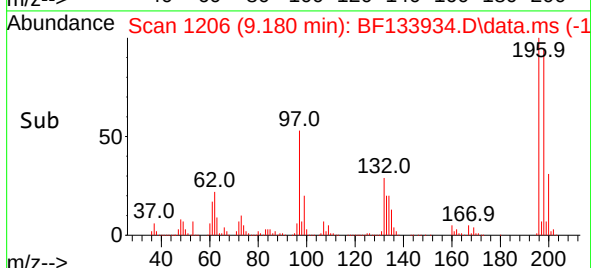
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

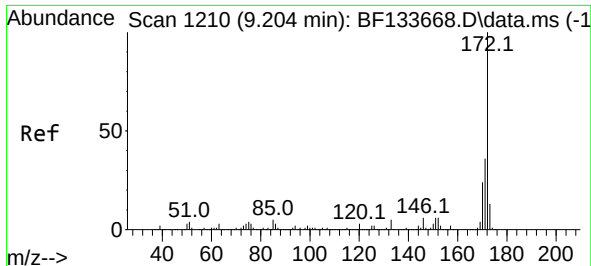


#44
2,4,5-Trichlorophenol
Concen: 37.007 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



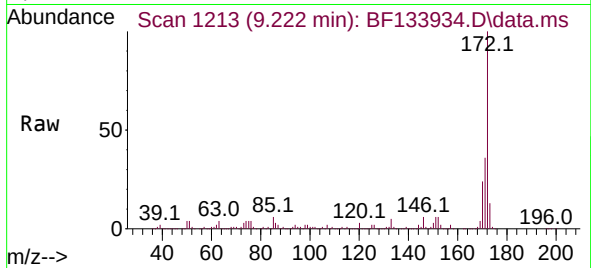
Tgt Ion:196 Resp: 217393
Ion Ratio Lower Upper
196 100
198 93.9 76.8 115.2
97 53.1 45.4 68.2
132 29.4 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 71.779 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

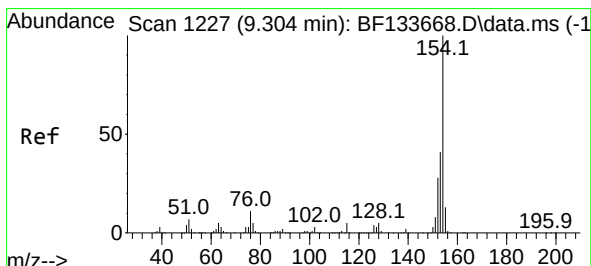
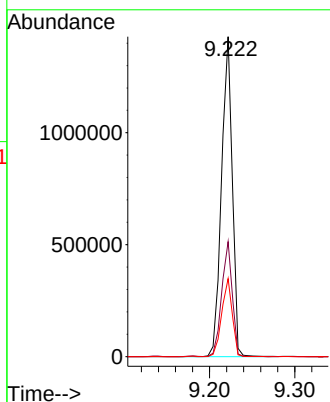
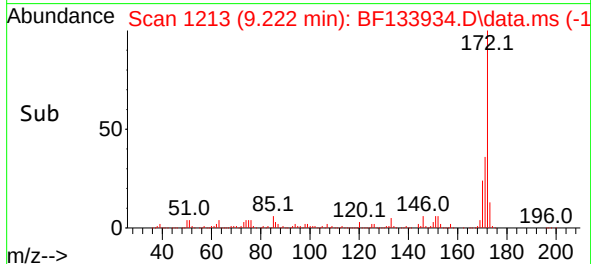
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



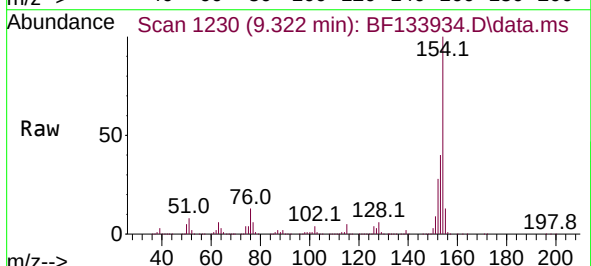
Tgt Ion:172 Resp: 125506
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.4 19.1 28.7

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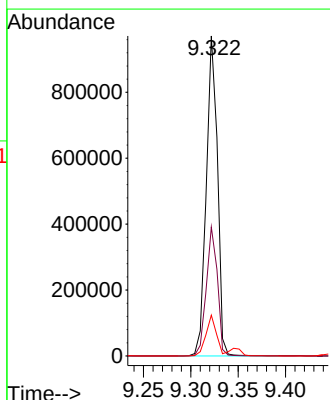
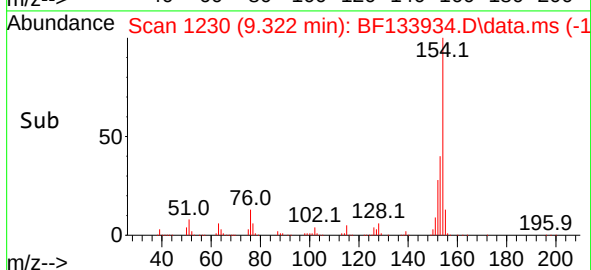
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

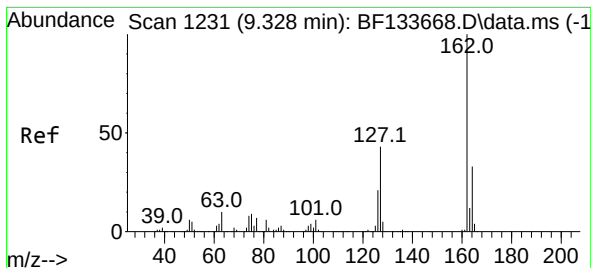


#46
1,1'-Biphenyl
Concen: 39.648 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:154 Resp: 794791
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 12.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.789 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

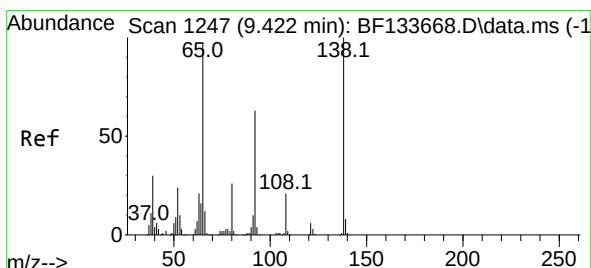
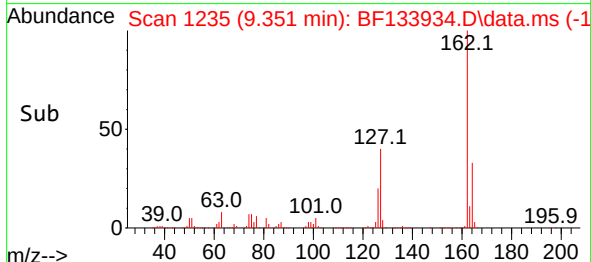
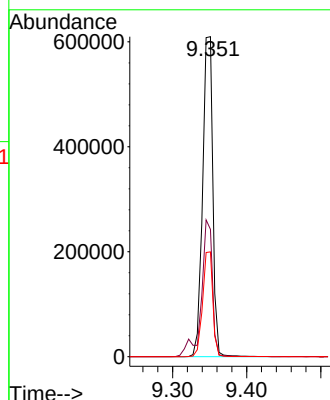
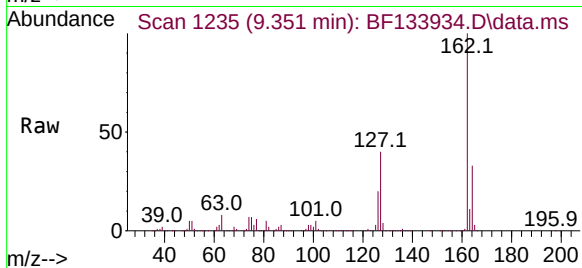
Tgt Ion:162 Resp: 58652
 Ion Ratio Lower Upper
 162 100
 127 39.8 34.6 52.0
 164 32.7 26.4 39.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#48

2-Nitroaniline

Concen: 39.963 ng

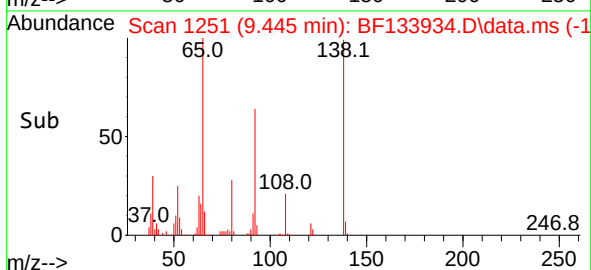
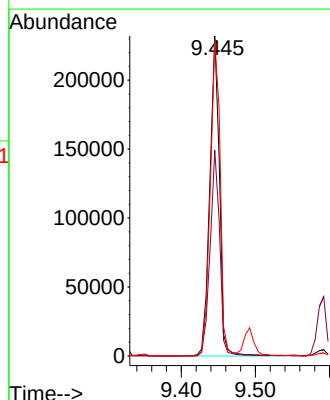
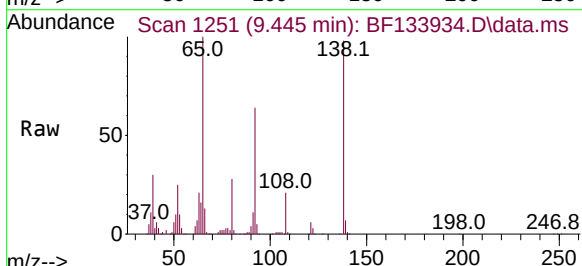
RT: 9.445 min Scan# 1251

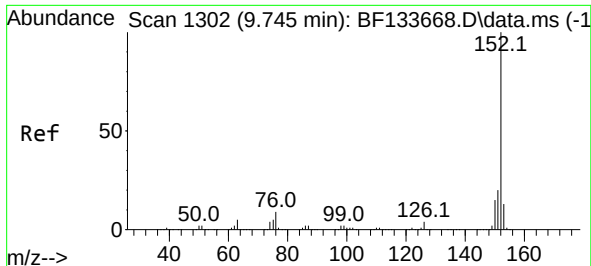
Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Tgt Ion: 65 Resp: 210164
 Ion Ratio Lower Upper
 65 100
 92 64.3 51.8 77.6
 138 98.3 82.1 123.1





#49

Acenaphthylene

Concen: 38.450 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

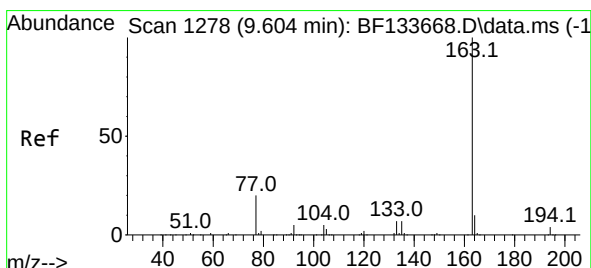
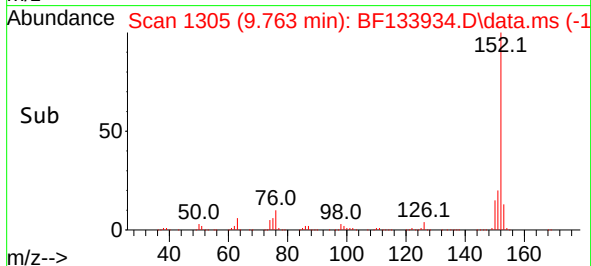
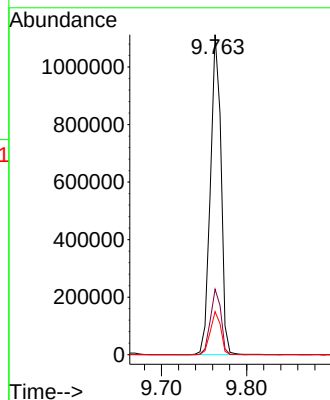
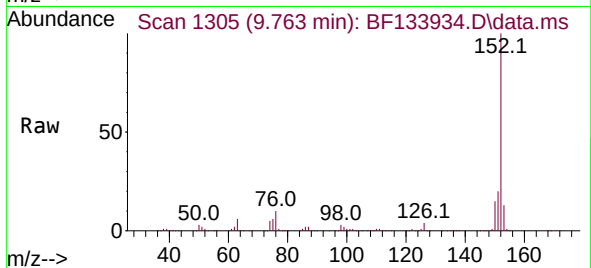
Tgt Ion:152 Resp: 962314
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.4 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#50

Dimethylphthalate

Concen: 37.316 ng

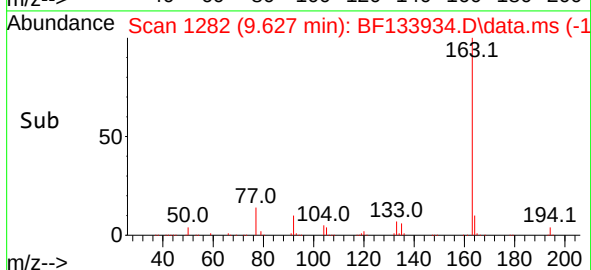
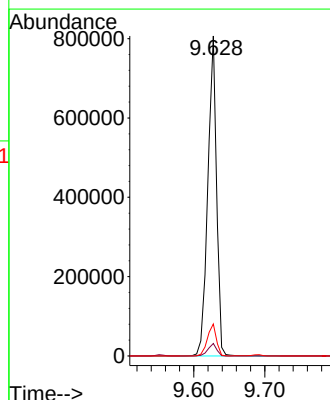
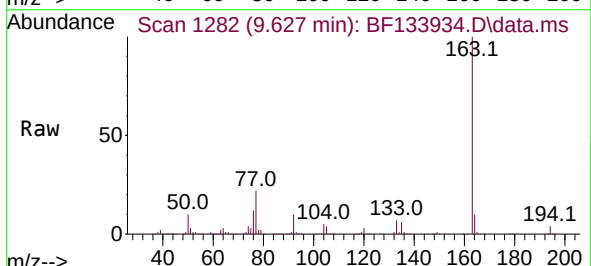
RT: 9.627 min Scan# 1282

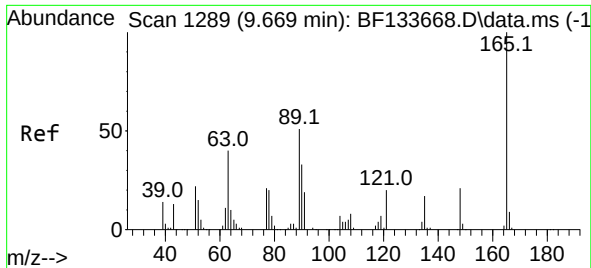
Delta R.T. 0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Tgt Ion:163 Resp: 692303
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 10.0 8.0 12.0





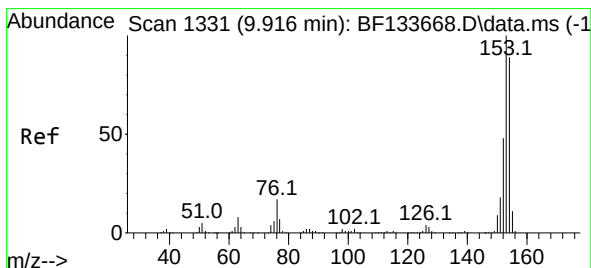
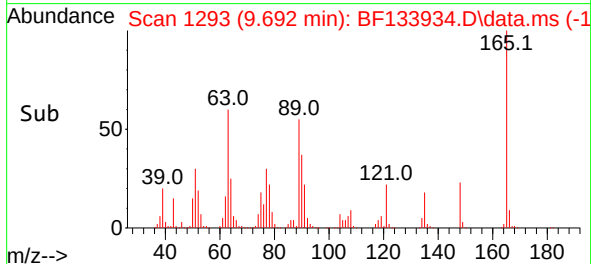
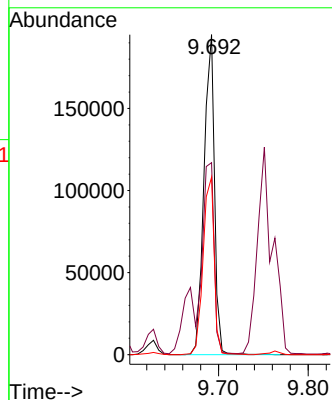
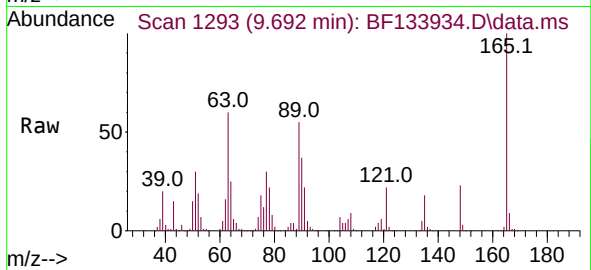
#51
2,6-Dinitrotoluene
Concen: 41.383 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :
BNA_F
ClientSampleId :
PB153615BSD

Tgt Ion:165 Resp: 158472
Ion Ratio Lower Upper
165 100
63 60.0 42.1 63.1
89 55.5 40.9 61.3

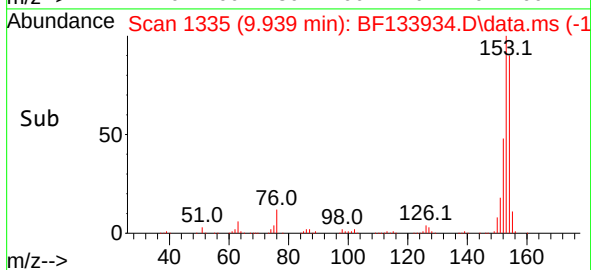
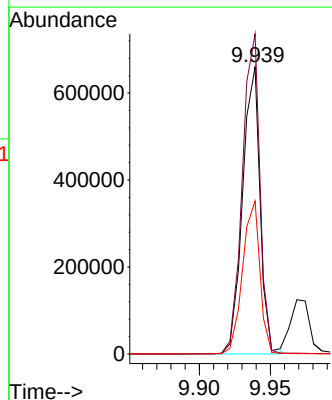
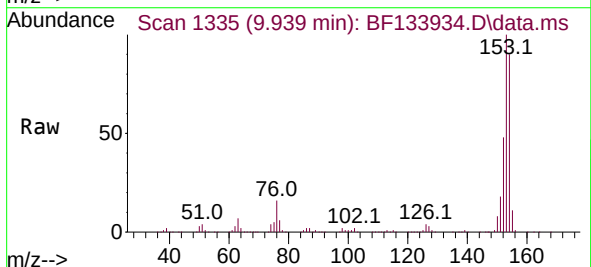
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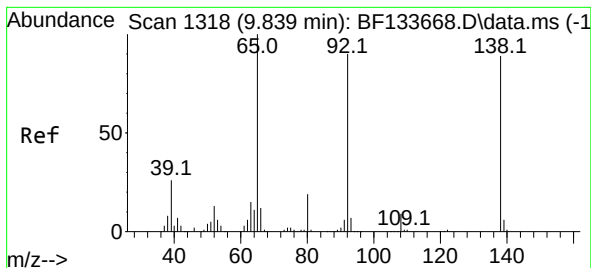
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#52
Acenaphthene
Concen: 38.635 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

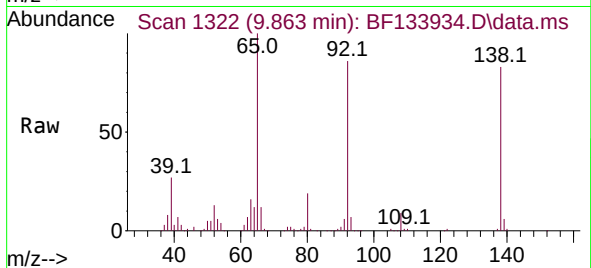
Tgt Ion:154 Resp: 565985
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.2 43.4 65.2





#53
3-Nitroaniline
Concen: 29.738 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

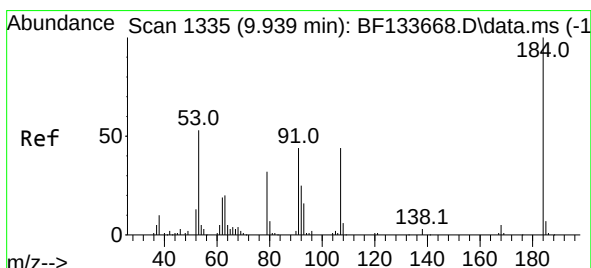
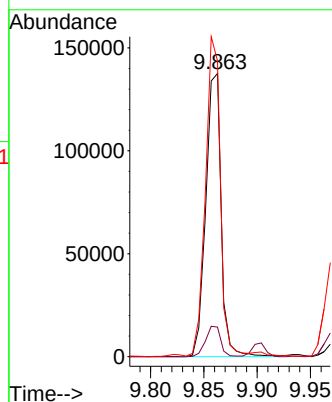
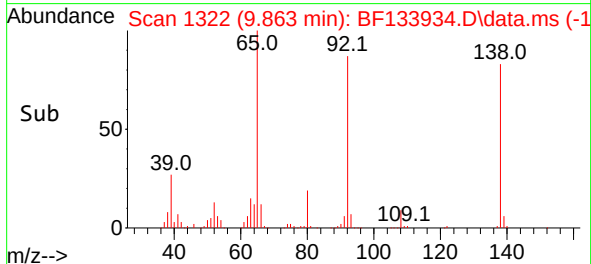
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



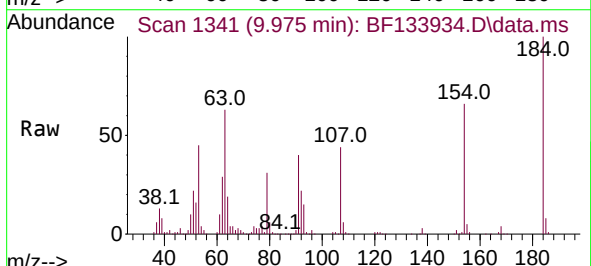
Tgt Ion:138 Resp: 13858
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 104.5 81.0 121.6

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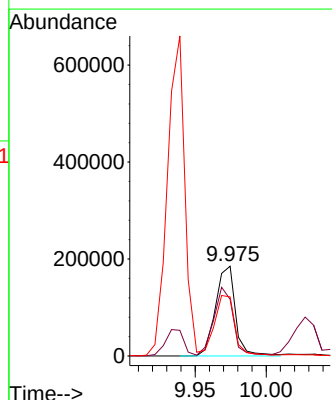
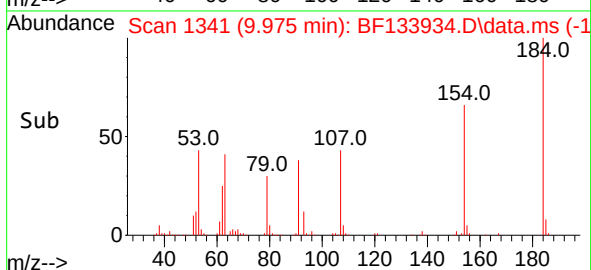
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

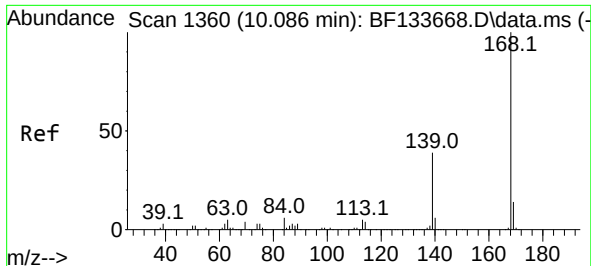


#54
2,4-Dinitrophenol
Concen: 95.323 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



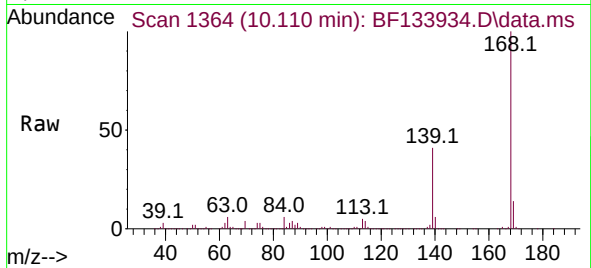
Tgt Ion:184 Resp: 180584
Ion Ratio Lower Upper
184 100
63 63.2 55.3 82.9
154 65.8 51.9 77.9





#55
Dibenzenofuran
Concen: 38.422 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

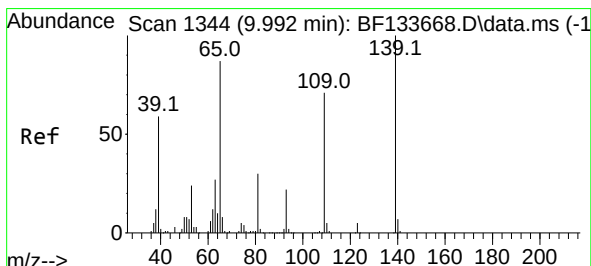
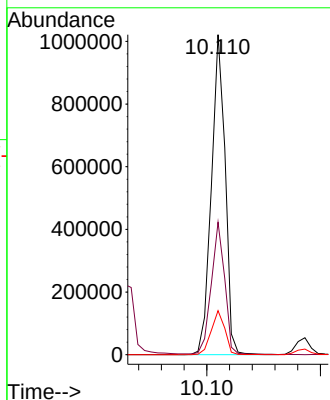
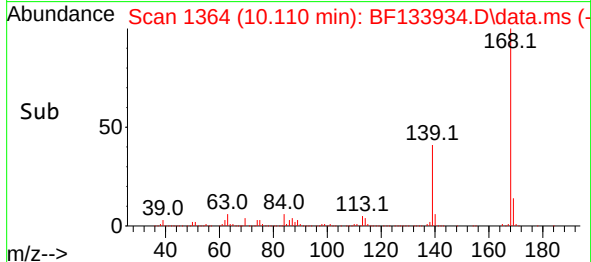
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



Tgt Ion:168 Resp: 85886
Ion Ratio Lower Upper
168 100
139 41.4 30.9 46.3
169 13.8 10.9 16.3

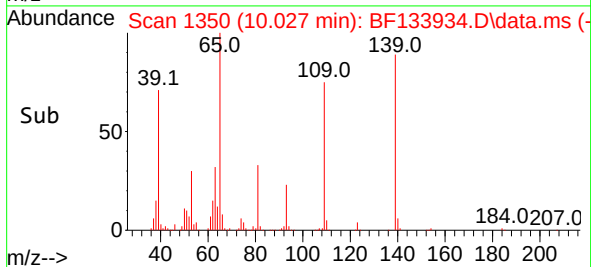
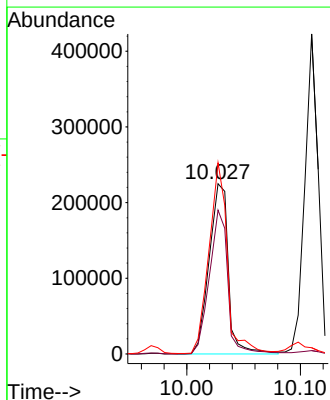
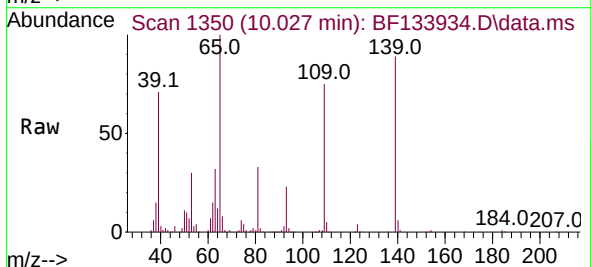
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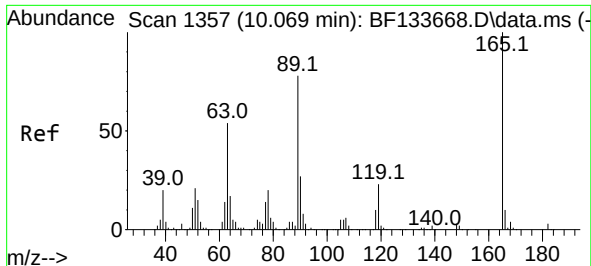
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 84.260 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

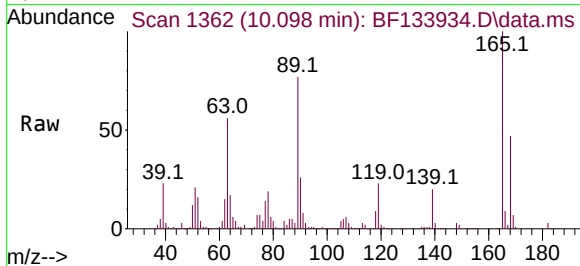
Tgt Ion:139 Resp: 265006
Ion Ratio Lower Upper
139 100
109 84.5 50.7 90.7
65 112.4 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 42.193 ng
RT: 10.098 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

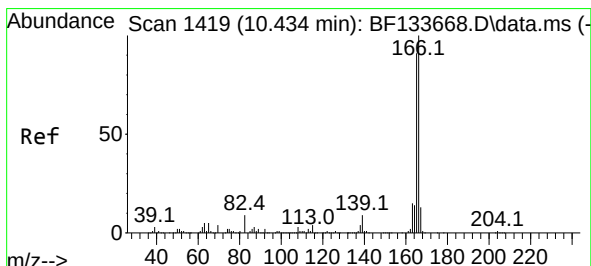
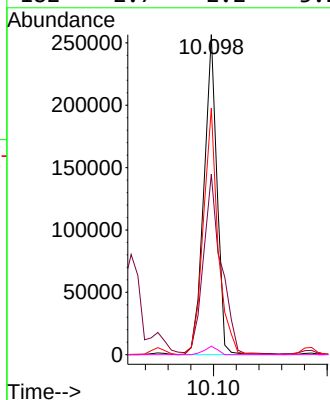
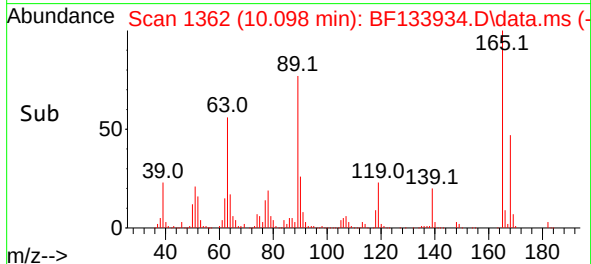
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



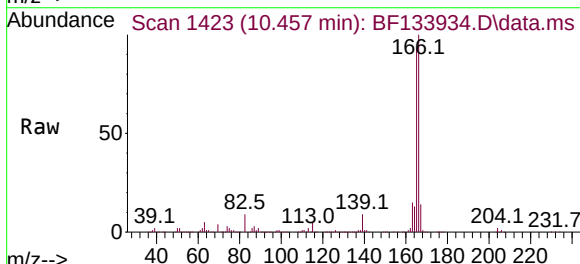
Tgt Ion:165 Resp: 205489
Ion Ratio Lower Upper
165 100
63 56.4 43.0 64.6
89 77.1 62.6 93.8
182 2.7 2.2 3.2

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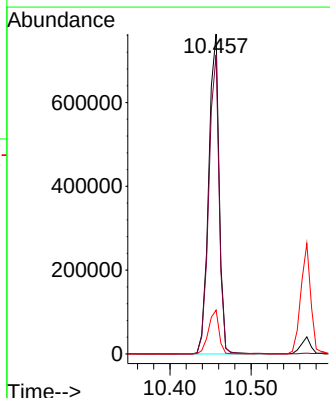
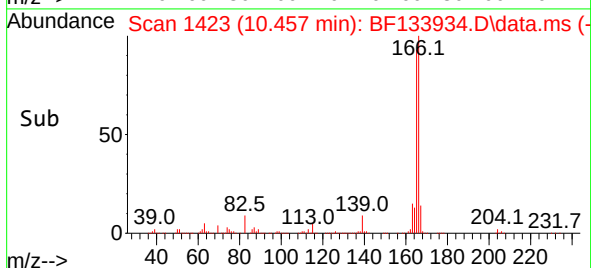
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

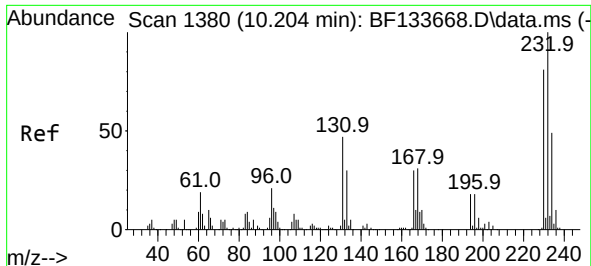


#58
Fluorene
Concen: 39.889 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



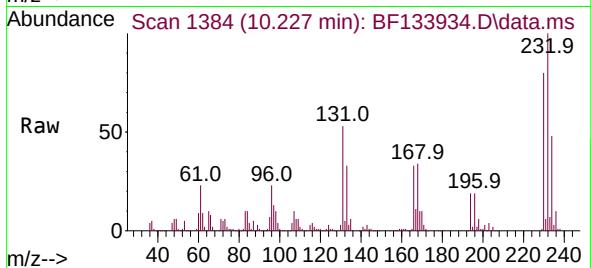
Tgt Ion:166 Resp: 681878
Ion Ratio Lower Upper
166 100
165 93.5 73.1 109.7
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.032 ng
RT: 10.227 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

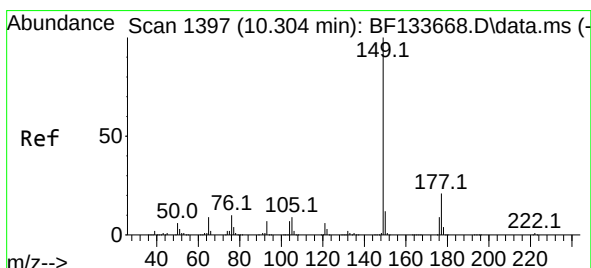
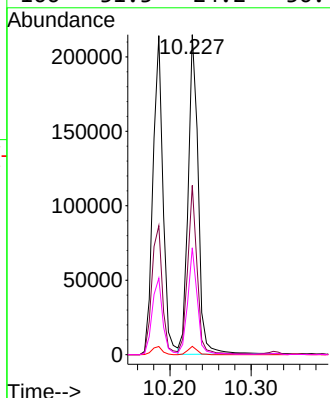
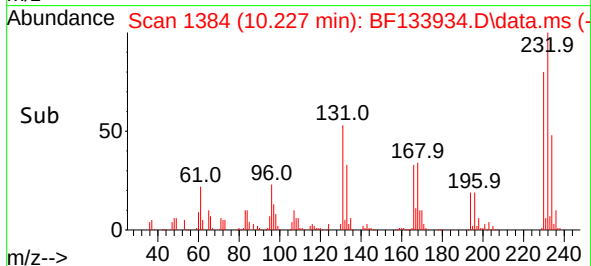
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



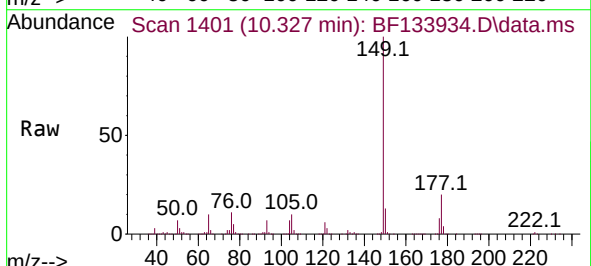
Tgt Ion:232 Resp: 18485
Ion Ratio Lower Upper
232 100
131 49.3 38.0 57.0
130 2.4 1.8 2.8
166 31.3 24.2 36.4

Manual Integrations
APPROVED

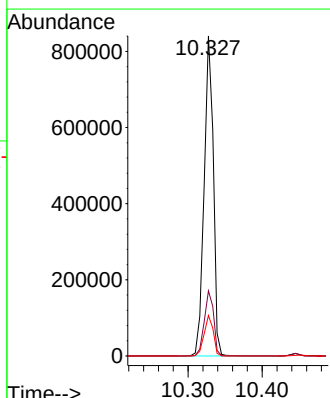
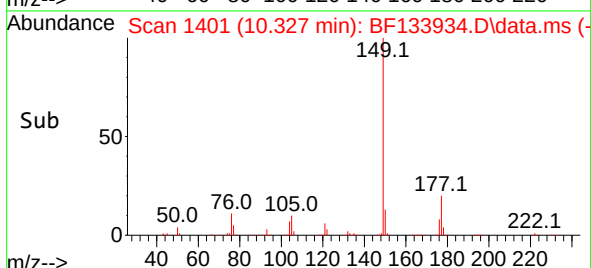
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

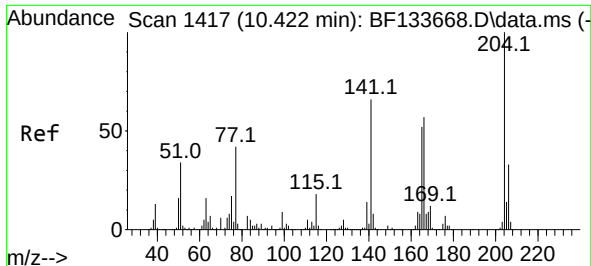


#60
Diethylphthalate
Concen: 38.555 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



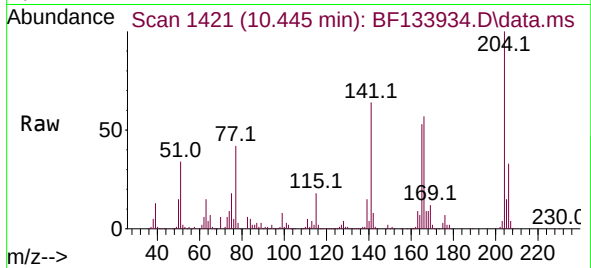
Tgt Ion:149 Resp: 728004
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.813 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

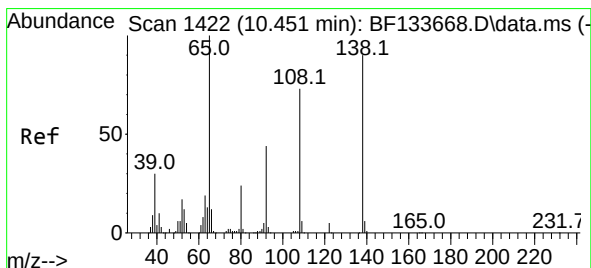
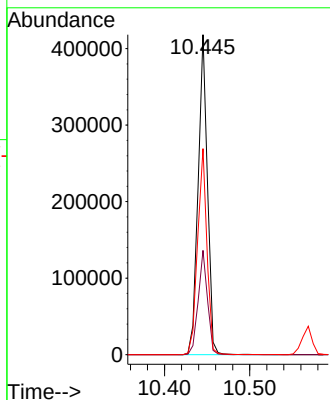
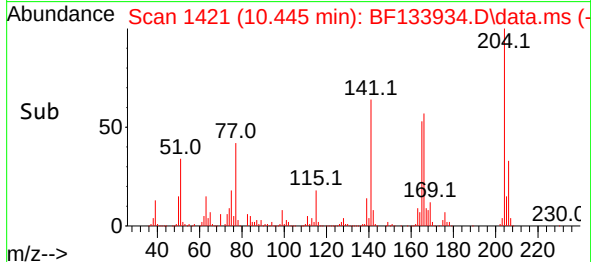
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



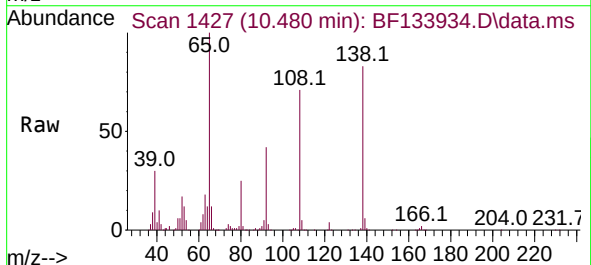
Tgt Ion:204 Resp: 319108
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 64.4 52.8 79.2

Manual Integrations
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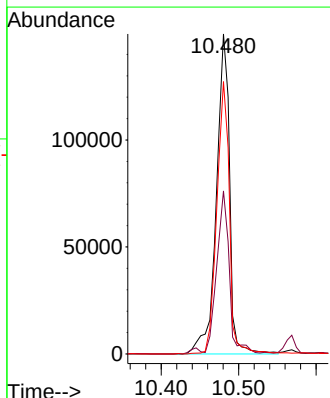
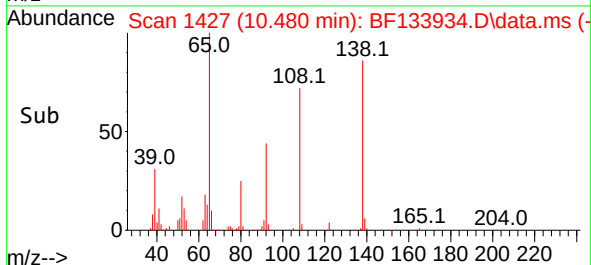
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

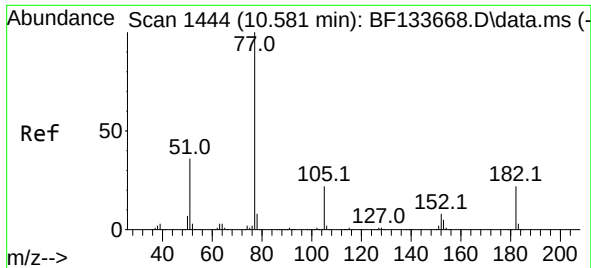


#62
4-Nitroaniline
Concen: 38.782 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



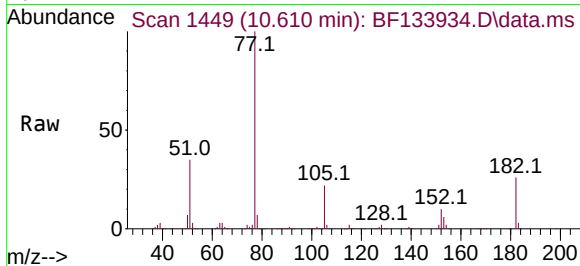
Tgt Ion:138 Resp: 177202
Ion Ratio Lower Upper
138 100
92 50.9 28.9 68.9
108 85.1 61.0 101.0





#63
Azobenzene
Concen: 38.162 ng
RT: 10.610 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

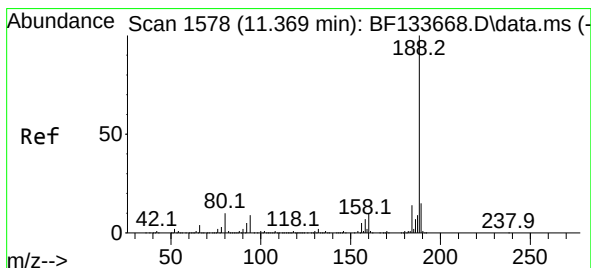
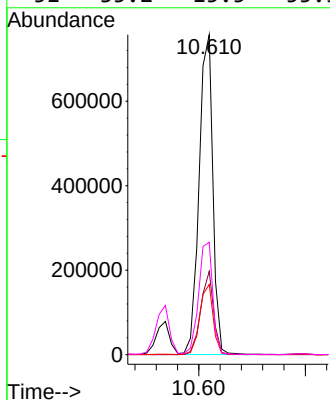
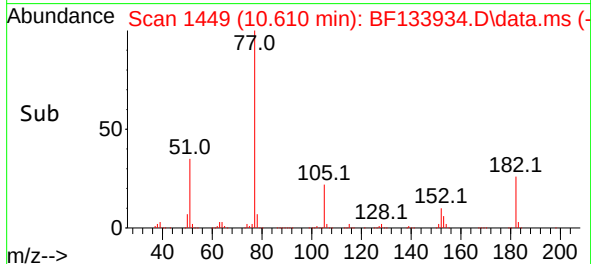
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



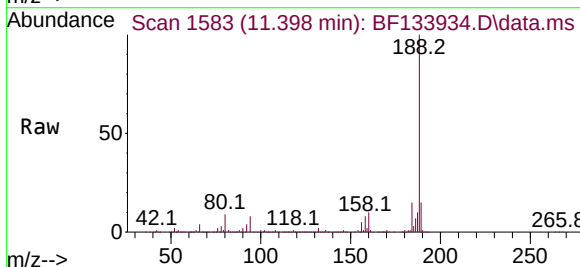
Tgt Ion: 77 Resp: 68215
Ion Ratio Lower Upper
77 100
182 26.0 1.6 41.6
105 21.9 1.6 41.6
51 35.2 15.5 55.5

Manual Integrations
APPROVED

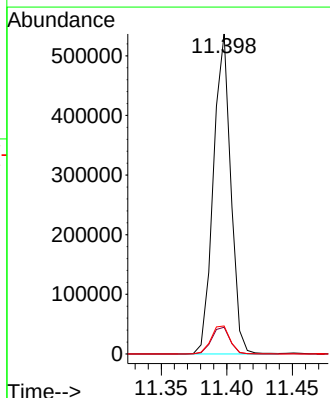
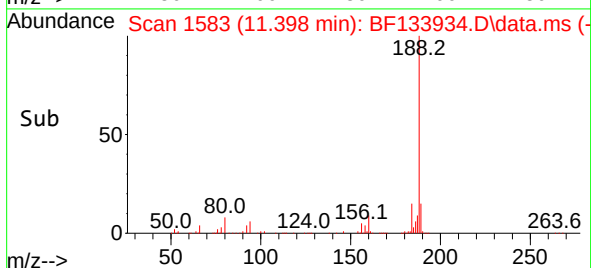
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

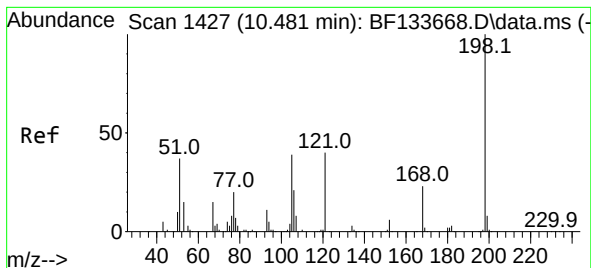


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:188 Resp: 494837
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.8 7.8 11.6





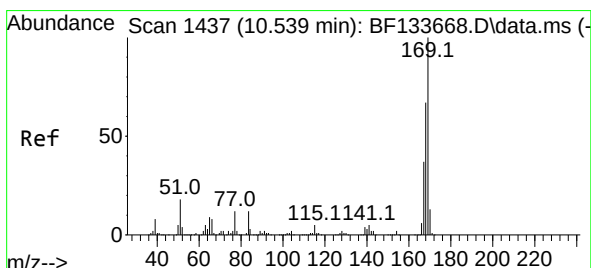
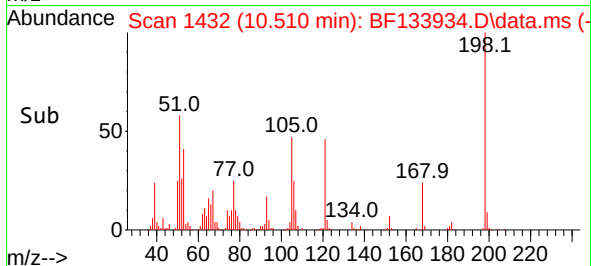
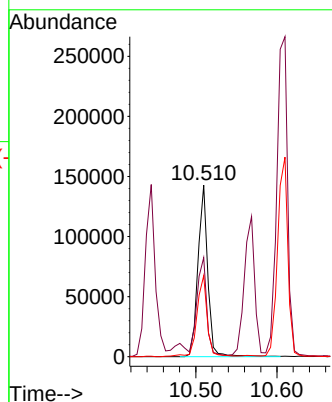
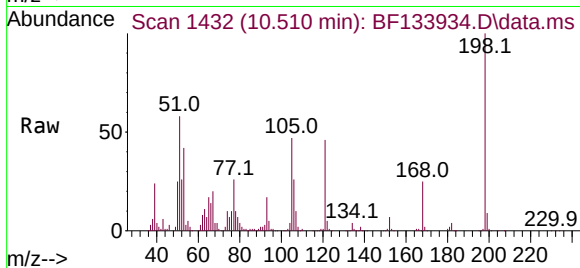
#65
4,6-Dinitro-2-methylphenol
Concen: 51.035 ng
RT: 10.510 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :
BNA_F
ClientSampleId :
PB153615BSD

Tgt Ion:198 Resp: 12067
Ion Ratio Lower Upper
198 100
51 57.8 27.5 67.5
105 47.2 21.0 61.0

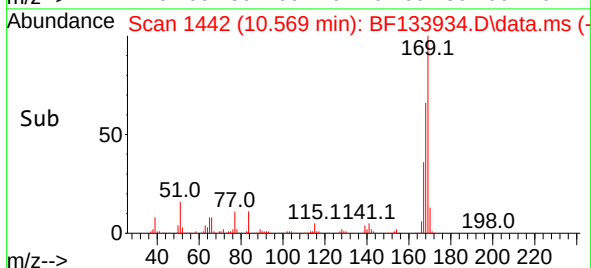
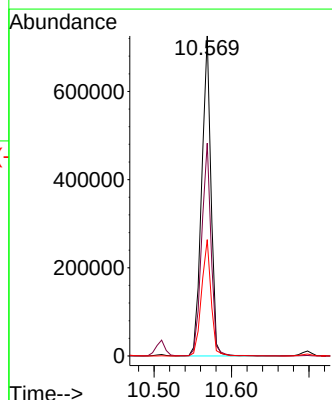
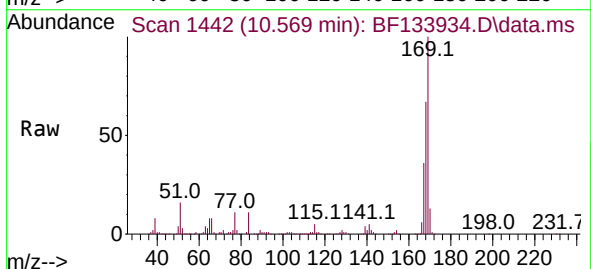
Manual Integrations
APPROVED

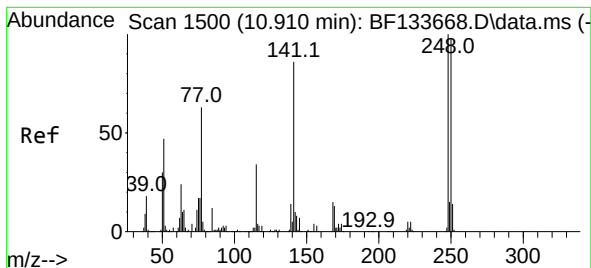
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 36.422 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

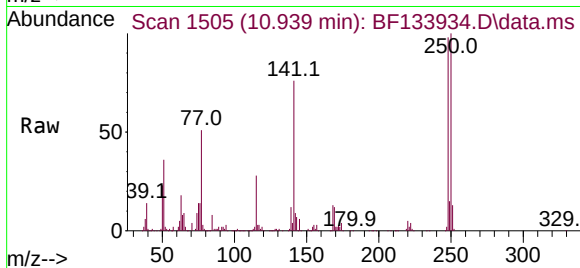
Tgt Ion:169 Resp: 605398
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 36.4 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 36.662 ng
RT: 10.939 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

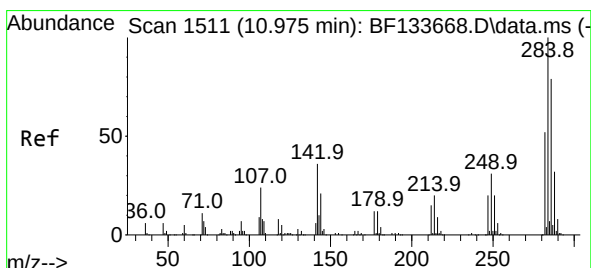
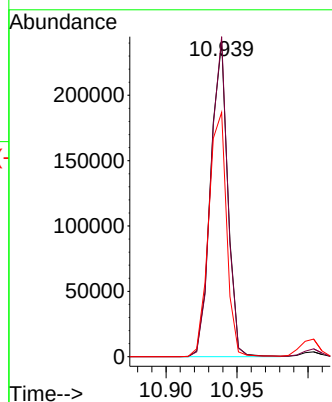
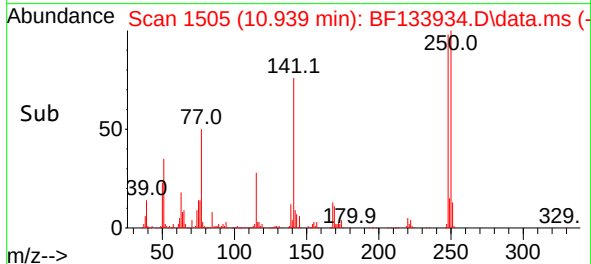
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



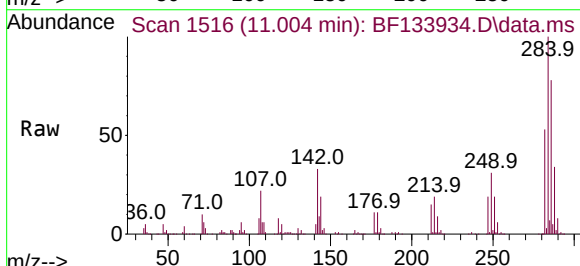
Tgt Ion:248 Resp: 202484
Ion Ratio Lower Upper
248 100
250 101.6 78.3 117.5
141 77.6 69.0 103.6

Manual Integrations
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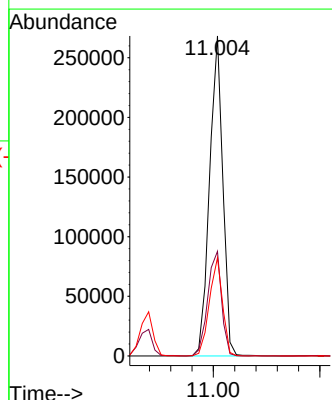
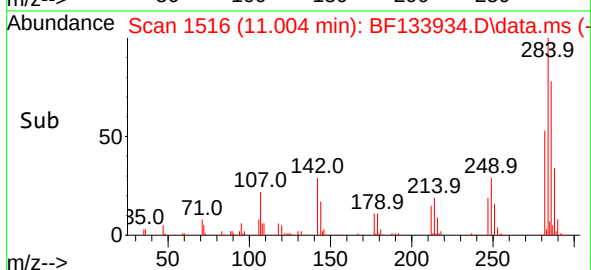
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

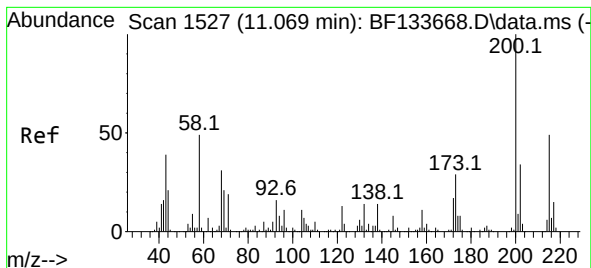


#68
Hexachlorobenzene
Concen: 40.107 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:284 Resp: 232936
Ion Ratio Lower Upper
284 100
142 32.7 28.6 42.8
249 30.7 24.6 36.8





#69

Atrazine

Concen: 43.046 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

Tgt Ion:200 Resp: 207602

Ion Ratio Lower Upper

200 100

173 27.0 8.7 48.7

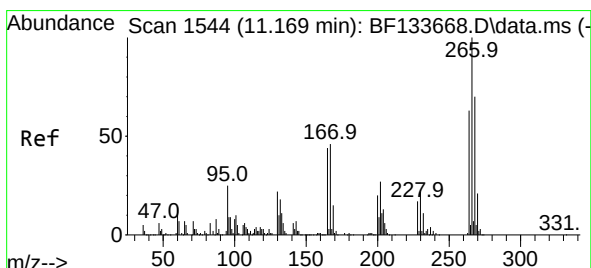
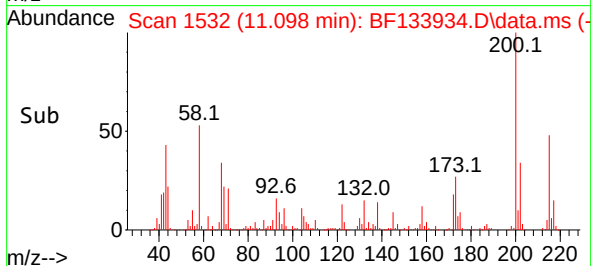
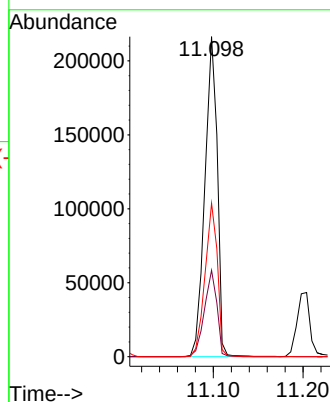
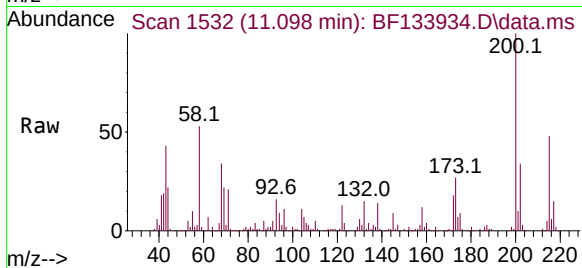
215 47.9 29.0 69.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#70

Pentachlorophenol

Concen: 67.980 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

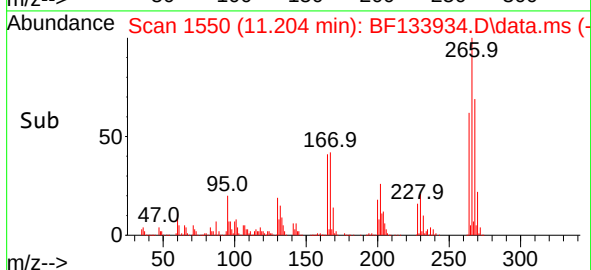
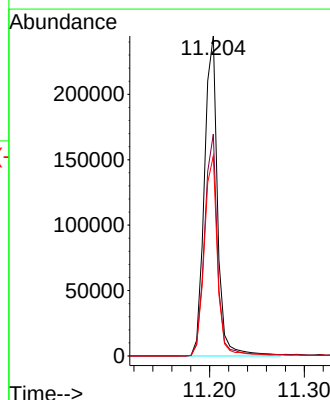
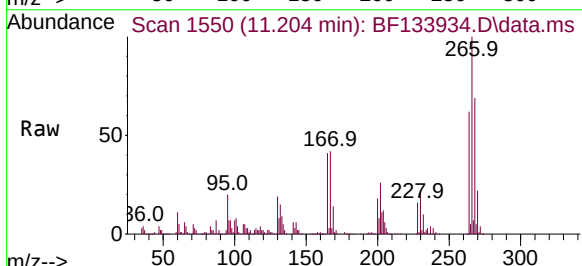
Tgt Ion:266 Resp: 236421

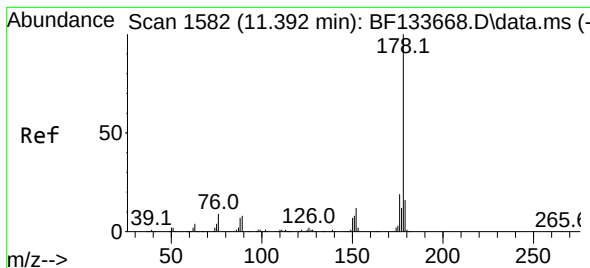
Ion Ratio Lower Upper

266 100

268 69.3 55.7 83.5

264 62.5 50.7 76.1





#71

Phenanthrene

Concen: 38.945 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

Tgt Ion:178 Resp: 977720

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

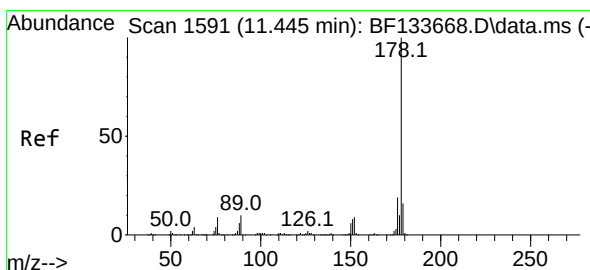
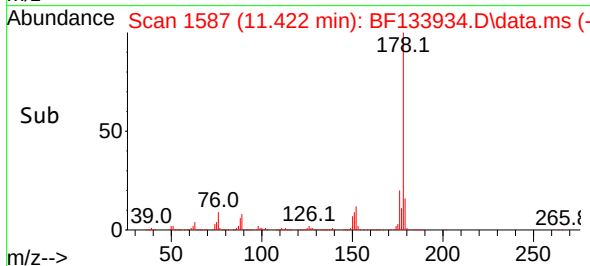
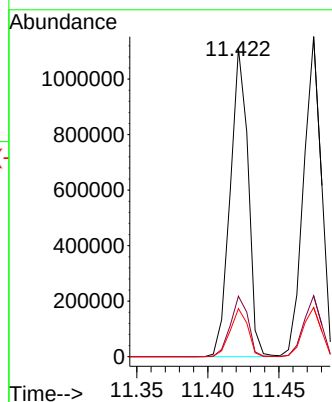
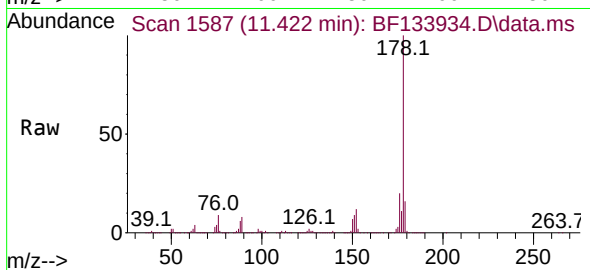
179 15.6 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#72

Anthracene

Concen: 38.296 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

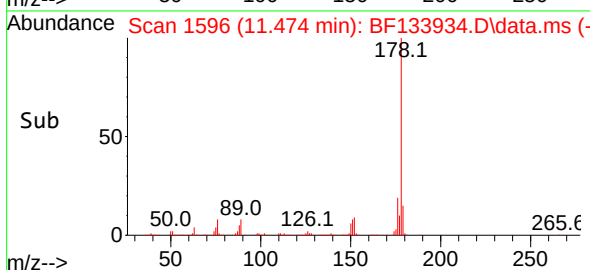
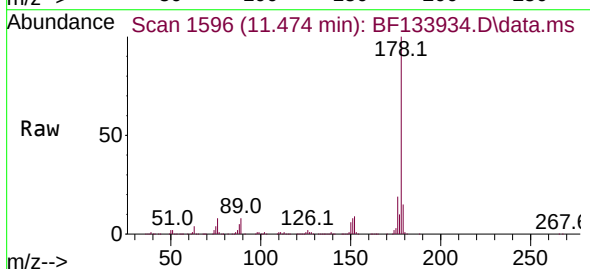
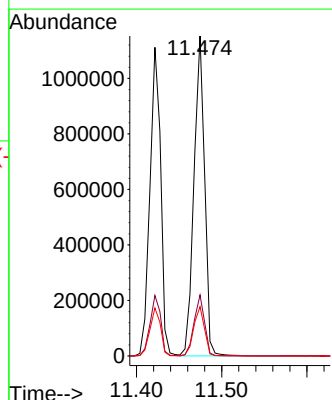
Tgt Ion:178 Resp: 1002478

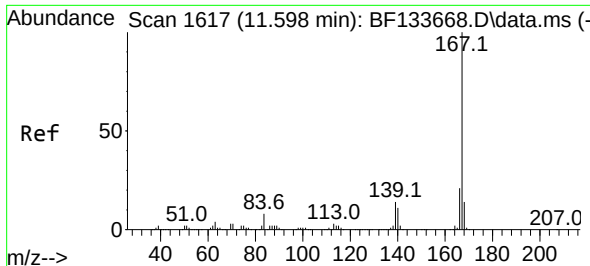
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

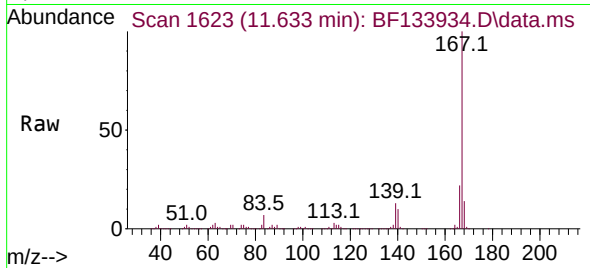
179 15.4 12.6 18.8





#73
Carbazole
Concen: 38.948 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

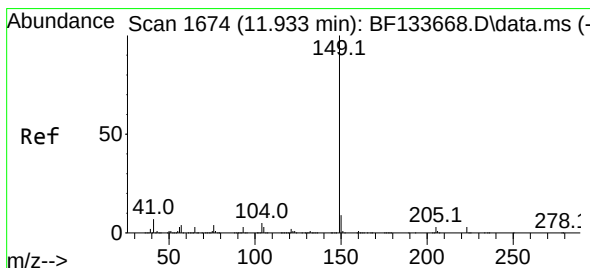
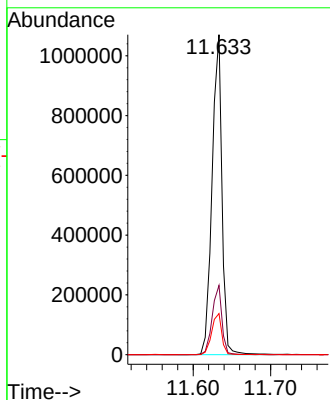
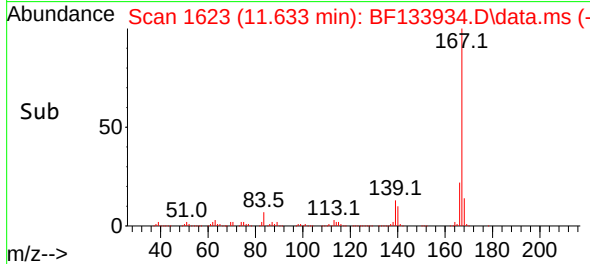
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



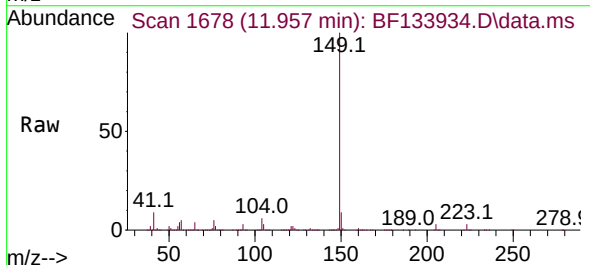
Tgt Ion:167 Resp: 949572
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 12.8 11.2 16.8

Manual Integrations
APPROVED

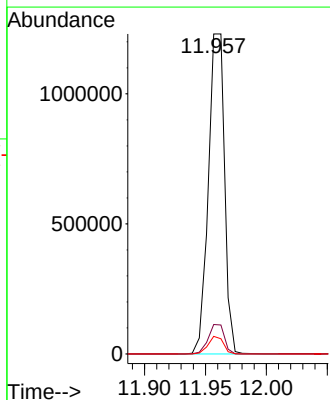
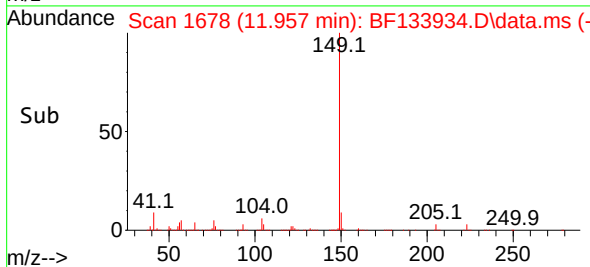
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

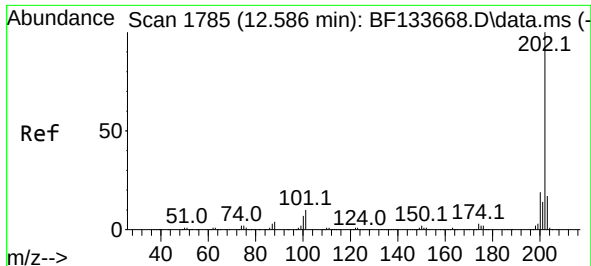


#74
Di-n-butylphthalate
Concen: 36.335 ng
RT: 11.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



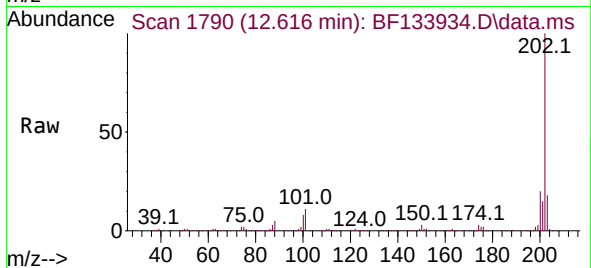
Tgt Ion:149 Resp: 1135693
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 39.194 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

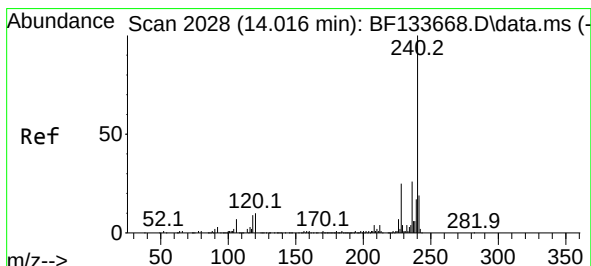
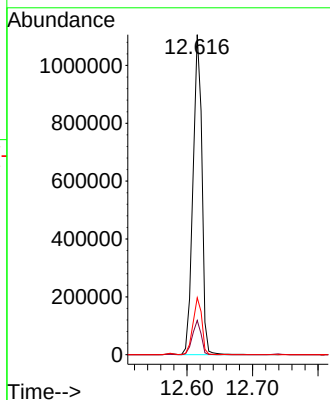
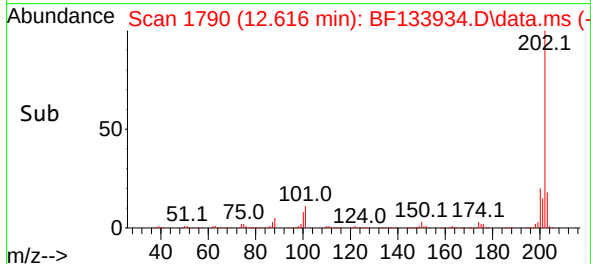
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



Tgt Ion:202 Resp: 104492
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.8 0.0 37.4

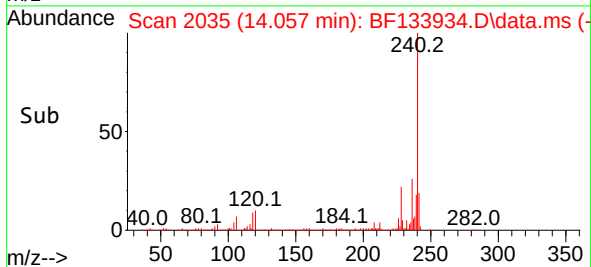
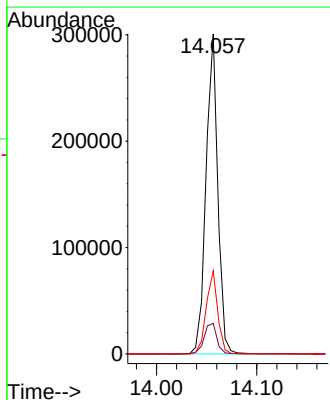
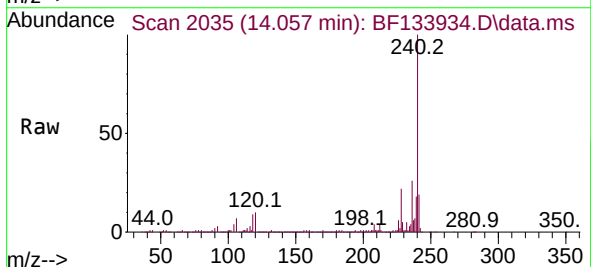
Manual Integrations
APPROVED

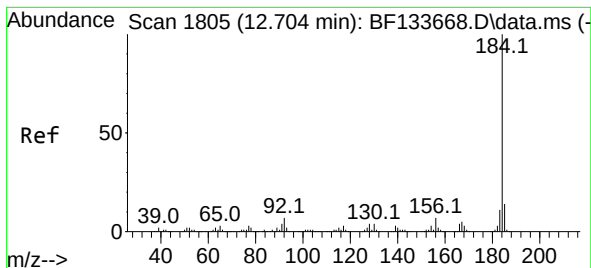
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Tgt Ion:240 Resp: 246696
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.0 20.5 30.7





#77

Benzidine

Concen: 33.618 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

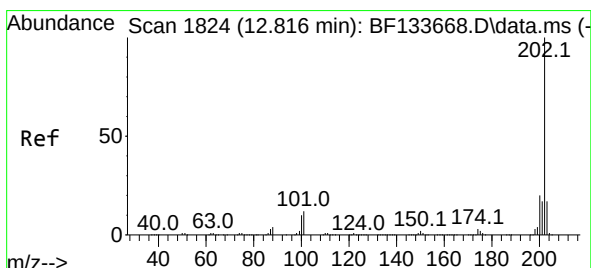
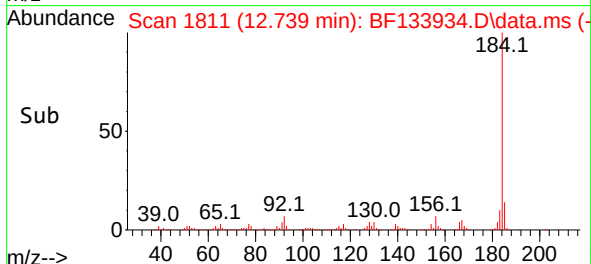
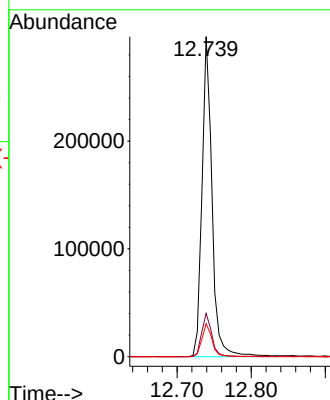
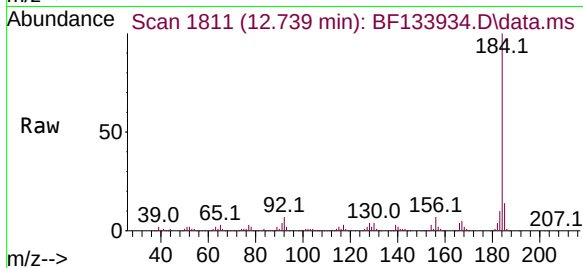
Tgt Ion:184 Resp: 27829

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.6	17.4
183	10.3	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#78

Pyrene

Concen: 45.355 ng

RT: 12.851 min Scan# 1830

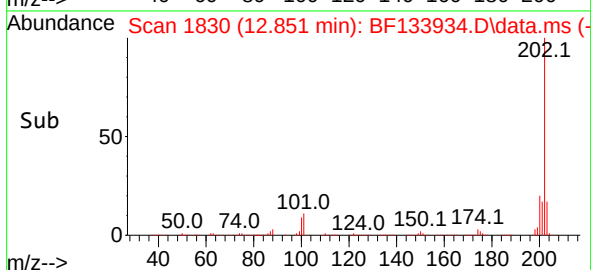
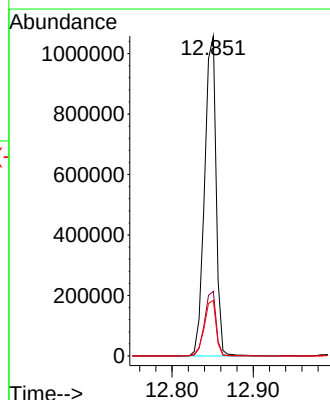
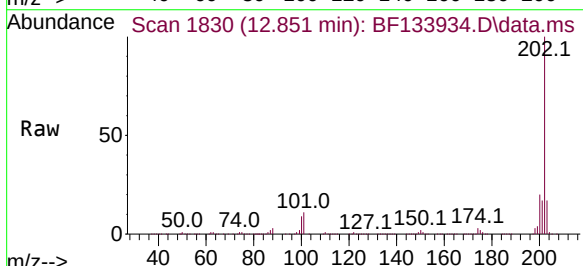
Delta R.T. 0.006 min

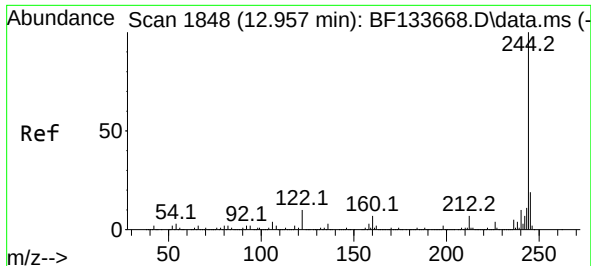
Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Tgt Ion:202 Resp: 1042291

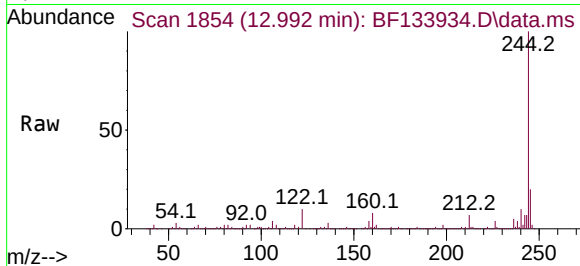
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	13.9	20.9





#79
 Terphenyl-d14
 Concen: 89.443 ng
 RT: 12.992 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133934.D
 Acq: 23 Jun 2023 10:16

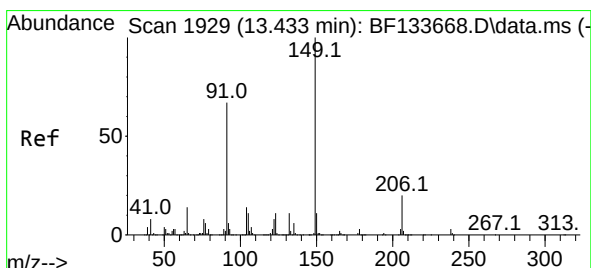
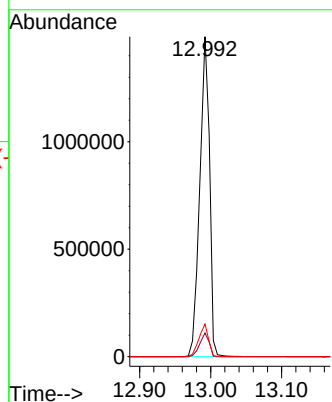
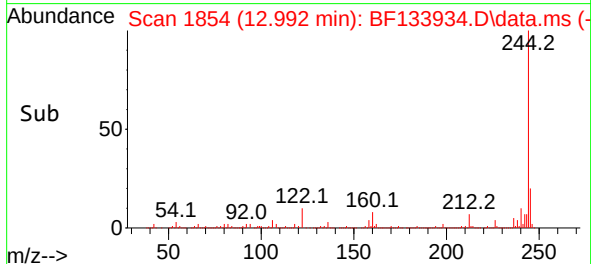
Instrument :
 BNA_F
 ClientSampleId :
 PB153615BSD



Tgt Ion:244 Resp: 1426000
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.2 8.1 12.1

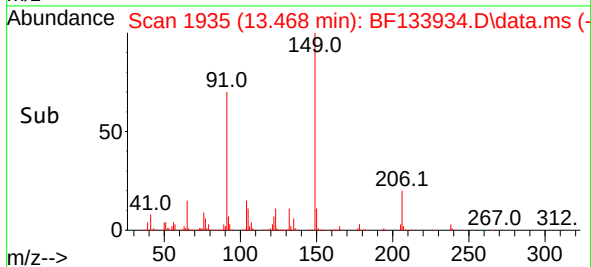
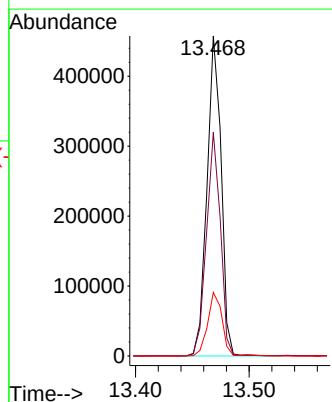
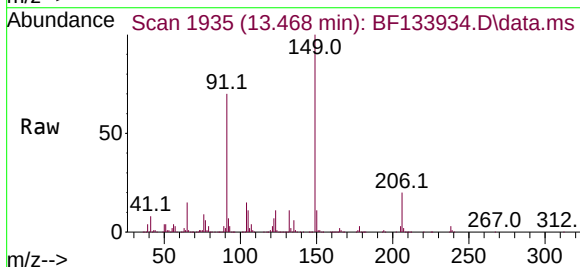
Manual Integrations
 APPROVED

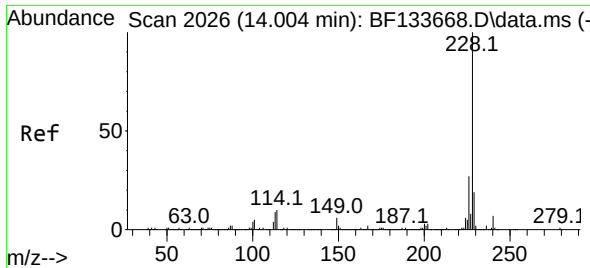
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#80
 Butylbenzylphthalate
 Concen: 40.665 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133934.D
 Acq: 23 Jun 2023 10:16

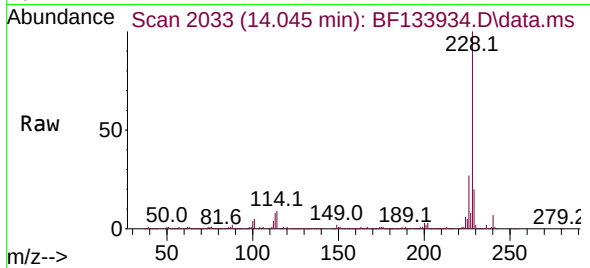
Tgt Ion:149 Resp: 394513
 Ion Ratio Lower Upper
 149 100
 91 69.9 54.0 81.0
 206 19.9 15.6 23.4





#81
Benzo(a)anthracene
Concen: 40.288 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

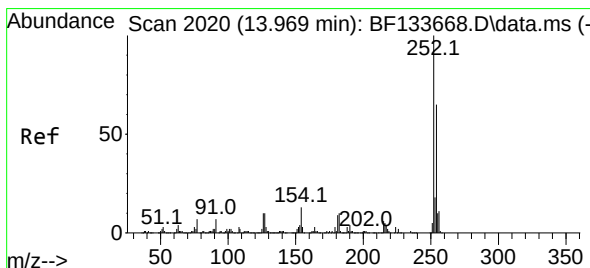
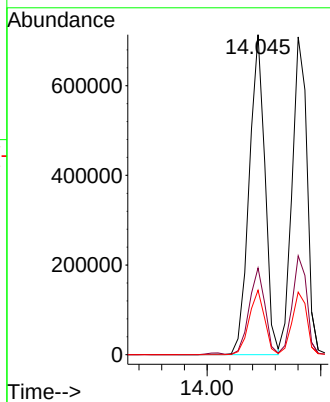
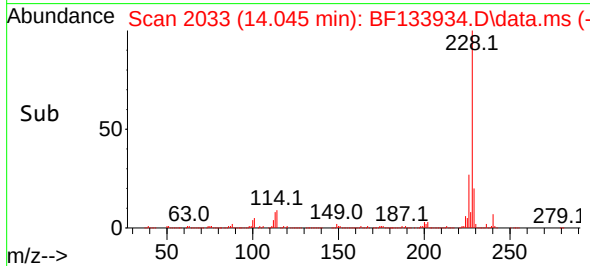
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



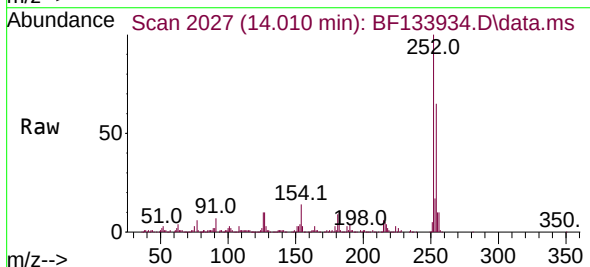
Tgt Ion:228 Resp: 687482
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 20.2 15.4 23.2

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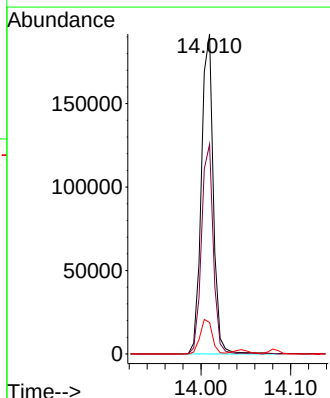
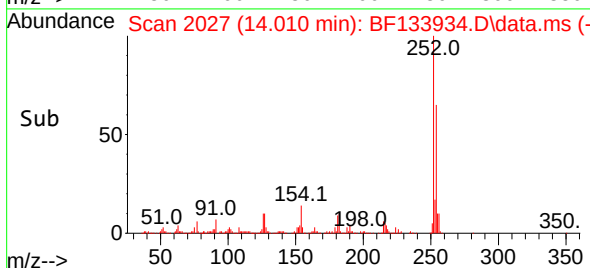
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

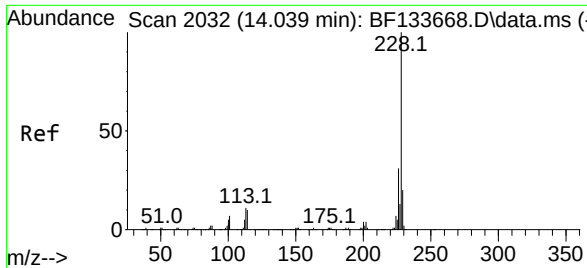


#82
3,3'-Dichlorobenzidine
Concen: 31.225 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



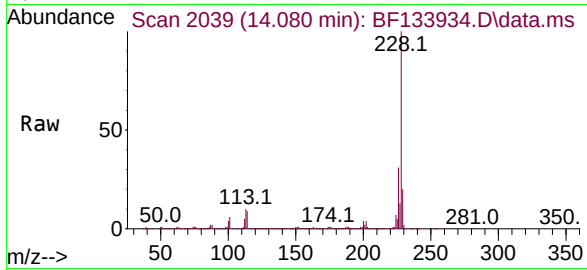
Tgt Ion:252 Resp: 177144
Ion Ratio Lower Upper
252 100
254 65.5 51.9 77.9
126 9.9 7.7 11.5





#83
Chrysene
Concen: 40.299 ng
RT: 14.080 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

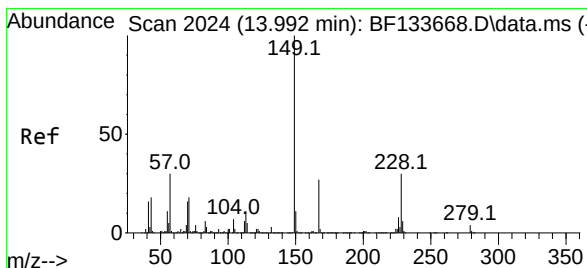
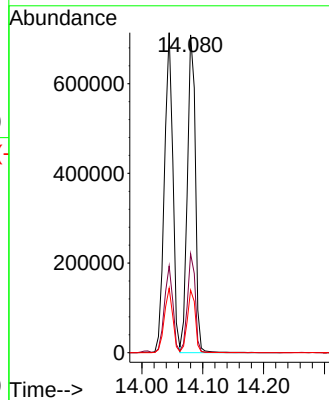
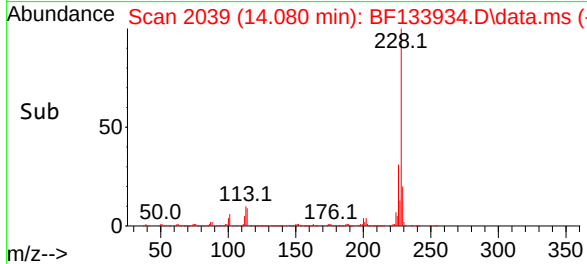
Instrument :
BNA_F
ClientSampleId :
PB153615BSD



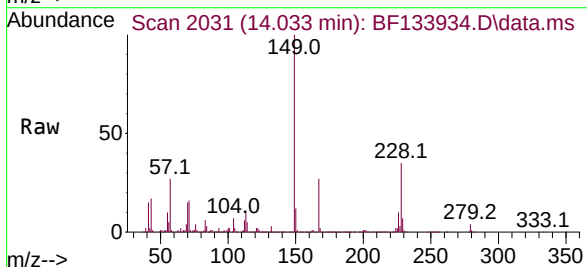
Tgt Ion:228 Resp: 650402
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 19.7 15.8 23.8

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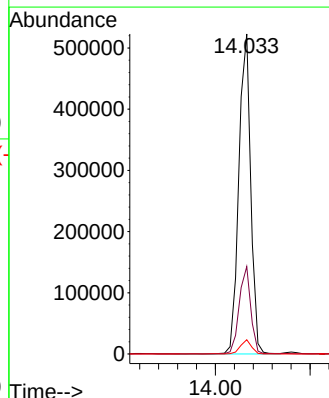
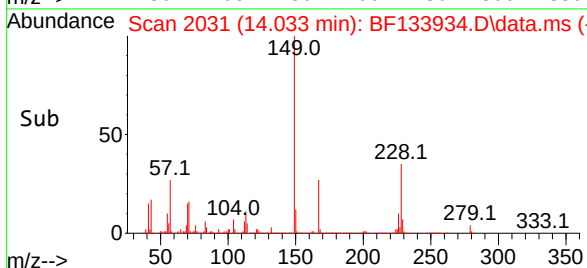
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

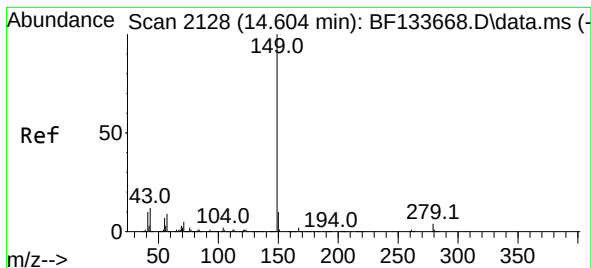


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.975 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16



Tgt Ion:149 Resp: 453634
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 37.291 ng

RT: 14.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

Tgt Ion:149 Resp: 633024

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

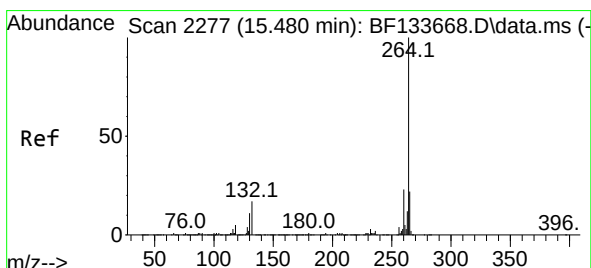
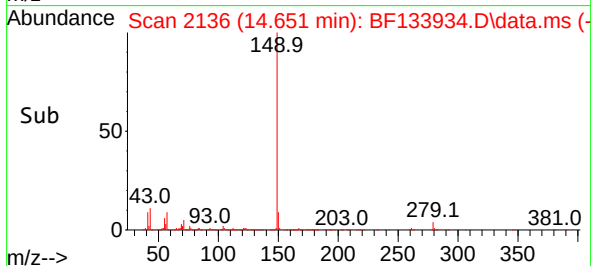
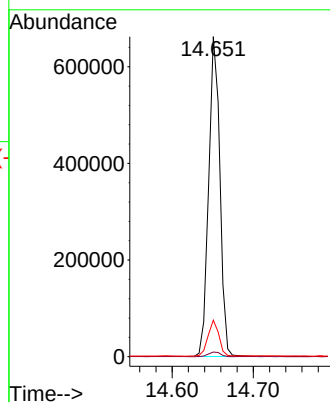
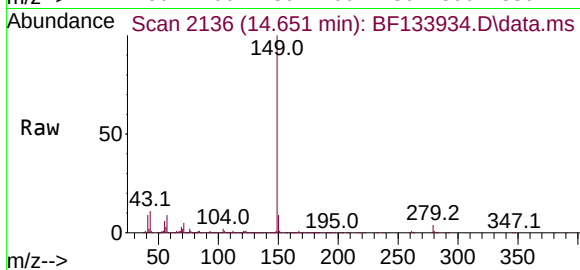
43 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

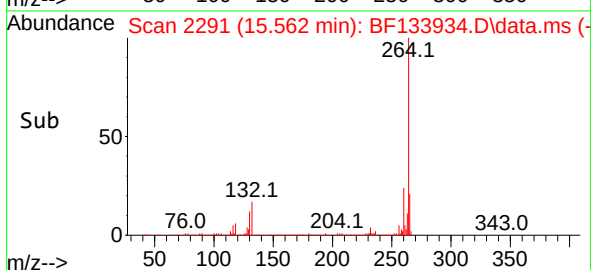
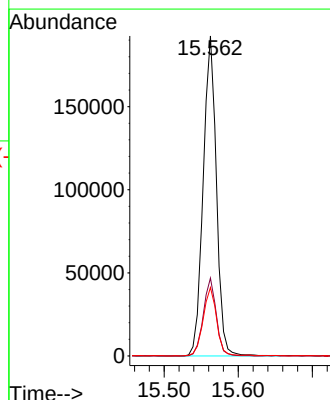
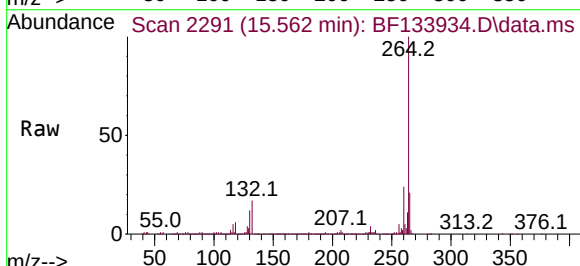
Tgt Ion:264 Resp: 238887

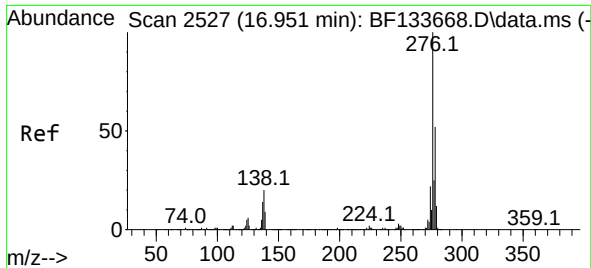
Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 21.4 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.774 ng
RT: 17.121 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

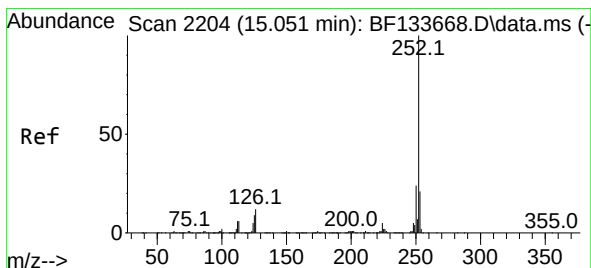
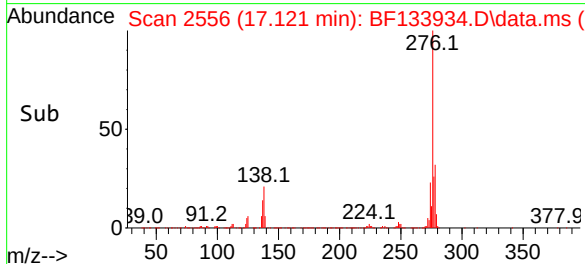
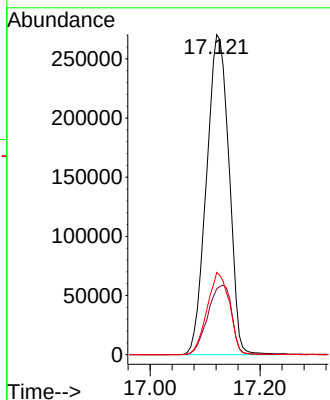
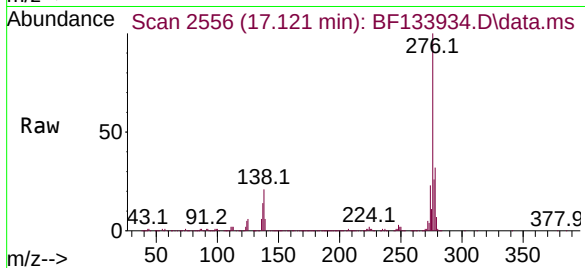
ClientSampleId :

PB153615BSD

Tgt Ion:276 Resp: 768729
Ion Ratio Lower Upper
276 100
138 23.2 17.9 26.9
277 25.6 20.3 30.5

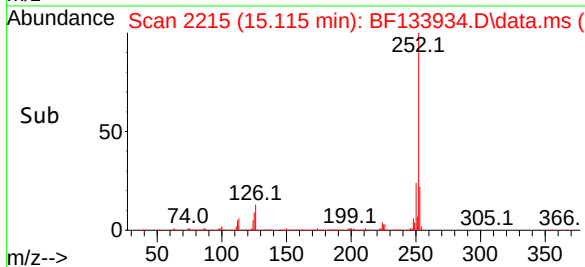
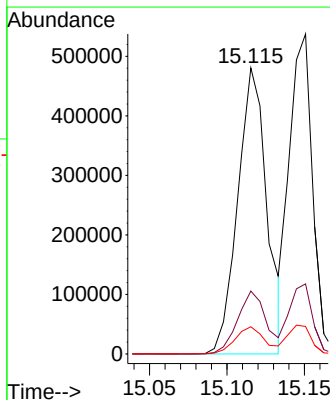
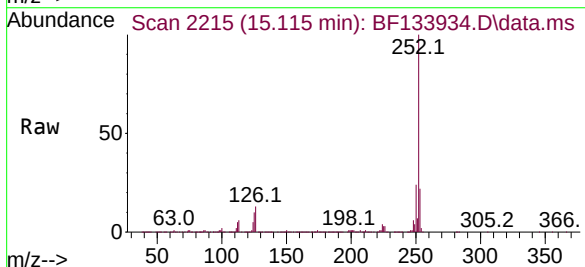
Manual Integrations
APPROVED

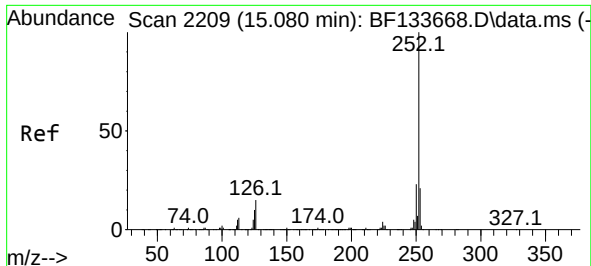
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#88
Benzo(b)fluoranthene
Concen: 43.316 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Tgt Ion:252 Resp: 628581
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 39.729 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB153615BSD

Tgt Ion:252 Resp: 561598

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

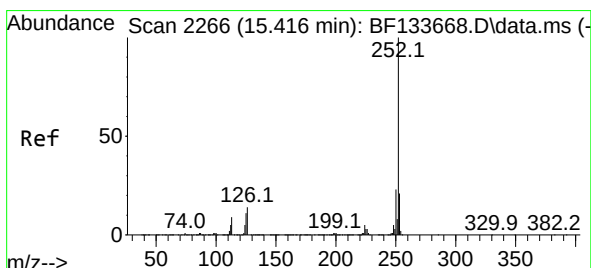
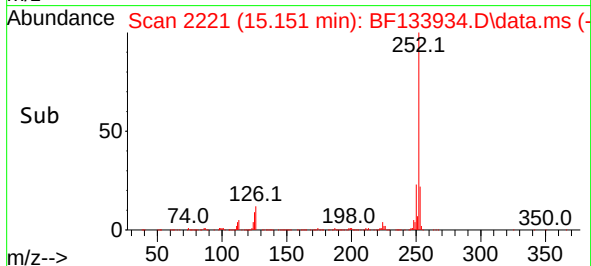
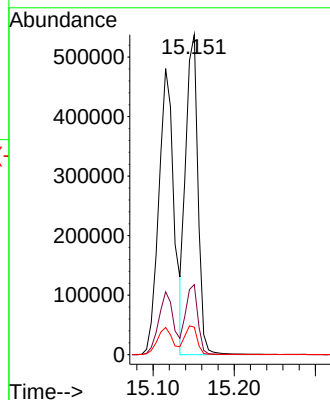
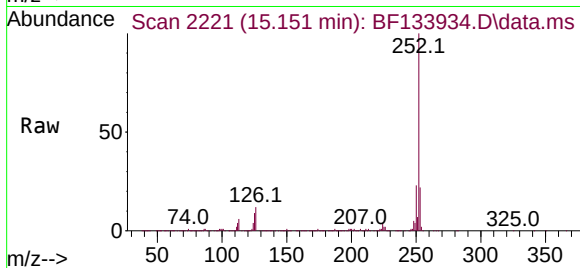
125 8.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(a)pyrene

Concen: 40.865 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF133934.D

Acq: 23 Jun 2023 10:16

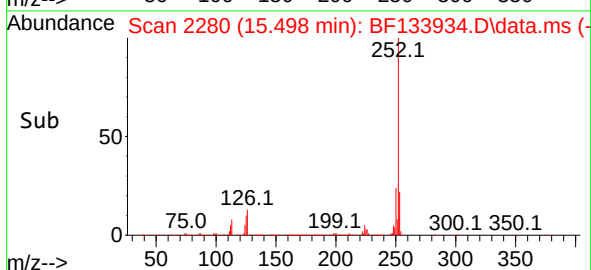
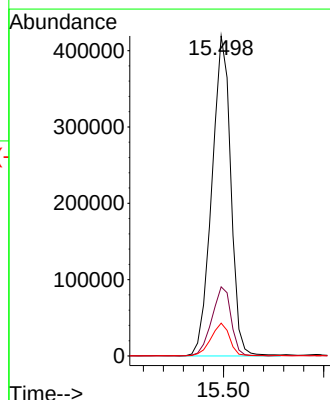
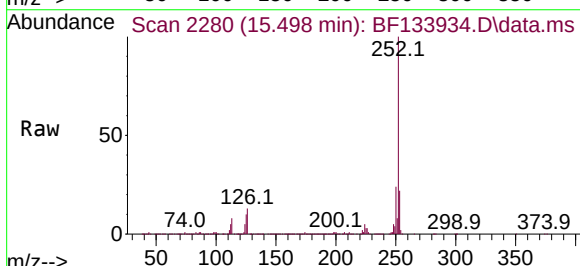
Tgt Ion:252 Resp: 550352

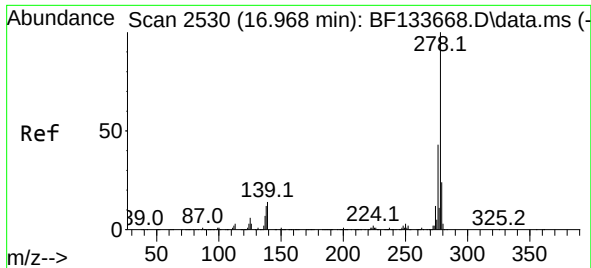
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 46.587 ng
RT: 17.145 min Scan# 2560
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Instrument :

BNA_F

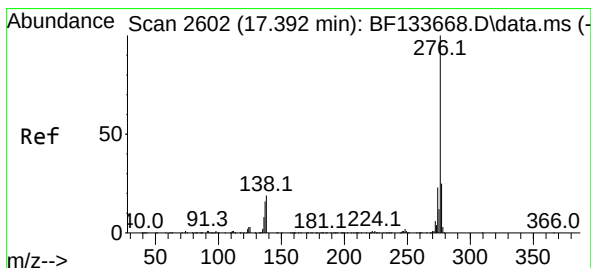
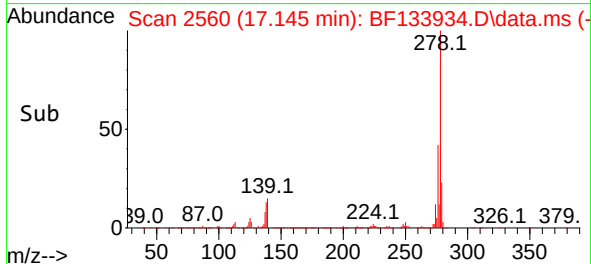
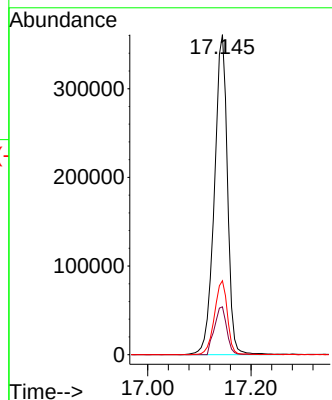
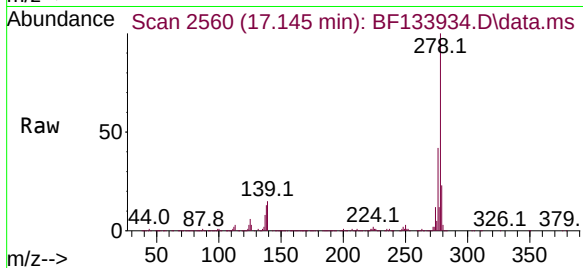
ClientSampleId :

PB153615BSD

Tgt Ion:278 Resp: 633870
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 23.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#92
Benzo(g,h,i)perylene
Concen: 47.030 ng
RT: 17.598 min Scan# 2637
Delta R.T. 0.006 min
Lab File: BF133934.D
Acq: 23 Jun 2023 10:16

Tgt Ion:276 Resp: 634441
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.8
138 19.1 15.0 22.4

