

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133718.D
 Acq On : 12 Jun 2023 22:52
 Operator : CG\JU
 Sample : 03044-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-5-7.0MS

Quant Time: Jun 13 00:53:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 16:32:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	67262	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	238190	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	107434	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	199850	20.000	ng	0.00
76) Chrysene-d12	14.015	240	106771	20.000	ng	0.00
86) Perylene-d12	15.474	264	92410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	419539	108.587	ng	0.01
7) Phenol-d6	6.469	99	488291	97.092	ng	0.00
23) Nitrobenzene-d5	7.398	82	325676	74.472	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124963	91.890	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	544322	72.022	ng	0.00
79) Terphenyl-d14	12.951	244	520485	75.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	71721	42.224	ng	97
3) Pyridine	3.363	79	177011	35.753	ng	95
4) n-Nitrosodimethylamine	3.310	42	131604	48.089	ng	93
6) Aniline	6.492	93	121457	19.175	ng	96
8) 2-Chlorophenol	6.616	128	187334	46.009	ng	99
9) Benzaldehyde	6.386	77	107784	32.303	ng	97
10) Phenol	6.481	94	222540	42.377	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	173978	44.626	ng	95
12) 1,3-Dichlorobenzene	6.775	146	206216	47.402	ng	97
13) 1,4-Dichlorobenzene	6.851	146	208654	47.454	ng	97
14) 1,2-Dichlorobenzene	7.004	146	195442	49.192	ng	98
15) Benzyl Alcohol	6.975	79	168210	42.824	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	305744	46.264	ng	99
17) 2-Methylphenol	7.086	107	149002	41.287	ng	98
18) Hexachloroethane	7.345	117	59090	39.255	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	136094	42.532	ng	98
20) 3+4-Methylphenols	7.239	107	185729	39.561	ng	# 90
22) Acetophenone	7.245	105	266364	48.758	ng	# 95
24) Nitrobenzene	7.422	77	198589	45.098	ng	98
25) Isophorone	7.657	82	349113	43.484	ng	99
26) 2-Nitrophenol	7.733	139	63683	32.224	ng	96
27) 2,4-Dimethylphenol	7.769	122	157394	46.208	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	203039	43.756	ng	99
29) 2,4-Dichlorophenol	7.975	162	140369	42.047	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	155472	44.637	ng	99
31) Naphthalene	8.139	128	501653	43.229	ng	99
32) Benzoic acid	7.875	122	88006	40.966	ng	97
33) 4-Chloroaniline	8.186	127	96051	19.358	ng	98
34) Hexachlorobutadiene	8.257	225	102564	44.976	ng	97
35) Caprolactam	8.557	113	46825m	41.684	ng	
36) 4-Chloro-3-methylphenol	8.669	107	154191	40.070	ng	93
37) 2-Methylnaphthalene	8.833	142	323585	40.132	ng	99
38) 1-Methylnaphthalene	8.933	142	301813	40.678	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	149140	45.663	ng	99
41) Hexachlorocyclopentadiene	8.980	237	19444	13.359	ng	94
43) 2,4,6-Trichlorophenol	9.110	196	96117	44.039	ng	95

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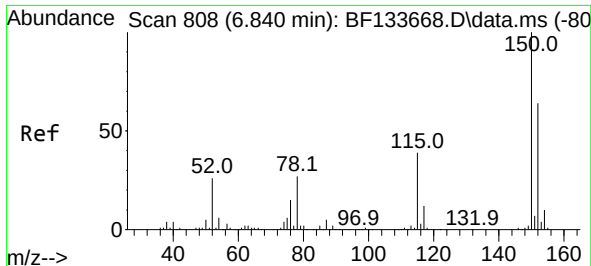
Quant Time: Jun 13 00:53:53 2023
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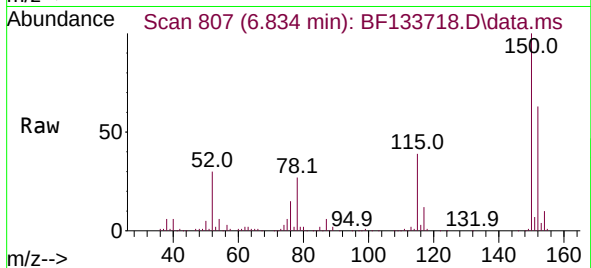
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	99722	39.274	ng	97
46) 1,1'-Biphenyl	9.298	154	399454	46.101	ng	99
47) 2-Chloronaphthalene	9.322	162	282900	45.517	ng	98
48) 2-Nitroaniline	9.416	65	117774	51.812	ng	94
49) Acenaphthylene	9.739	152	470827	43.523	ng	99
50) Dimethylphthalate	9.592	163	346788	43.245	ng	99
51) 2,6-Dinitrotoluene	9.657	165	52893	31.956	ng	# 68
52) Acenaphthene	9.910	154	278498	43.982	ng	98
53) 3-Nitroaniline	9.827	138	93594	46.465	ng	87
54) 2,4-Dinitrophenol	9.933	184	2876	9.018	ng	# 77
55) Dibenzofuran	10.080	168	425395	44.027	ng	98
56) 4-Nitrophenol	9.992	139	110523	81.302	ng	# 76
57) 2,4-Dinitrotoluene	10.063	165	65280	31.010	ng	96
58) Fluorene	10.427	166	332894	45.053	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	83678	44.018	ng	96
60) Diethylphthalate	10.298	149	357092	43.753	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	152840	41.901	ng	96
62) 4-Nitroaniline	10.445	138	95334	48.271	ng	91
63) Azobenzene	10.580	77	328510	42.519	ng	94
65) 4,6-Dinitro-2-methylph...	10.474	198	2765	2.895	ng	# 75
66) n-Nitrosodiphenylamine	10.533	169	282612	42.099	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	91228	40.899	ng	95
68) Hexachlorobenzene	10.974	284	100890	43.012	ng	97
69) Atrazine	11.063	200	87337	44.840	ng	96
70) Pentachlorophenol	11.169	266	106971	76.158	ng	99
71) Phenanthrene	11.392	178	669758	66.055	ng	99
72) Anthracene	11.445	178	508781	48.124	ng	100
73) Carbazole	11.598	167	452322	45.937	ng	99
74) Di-n-butylphthalate	11.927	149	534766	42.363	ng	99
75) Fluoranthene	12.586	202	849653	78.910	ng	99
77) Benzidine	12.704	184	224247	62.590	ng	98
78) Pyrene	12.815	202	847893	85.249	ng	100
80) Butylbenzylphthalate	13.427	149	206613	49.206	ng	95
81) Benzo(a)anthracene	14.004	228	479815	64.968	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	110208	44.885	ng	# 98
83) Chrysene	14.039	228	426661	61.080	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	272303	52.669	ng	98
85) Di-n-octyl phthalate	14.604	149	391418	53.276	ng	96
87) Indeno(1,2,3-cd)pyrene	16.945	276	304908	47.960	ng	96
88) Benzo(b)fluoranthene	15.051	252	404249	72.013	ng	98
89) Benzo(k)fluoranthene	15.080	252	276261	50.521	ng	98
90) Benzo(a)pyrene	15.415	252	312757	60.033	ng	97
91) Dibenzo(a,h)anthracene	16.962	278	208915	39.692	ng	99
92) Benzo(g,h,i)perylene	17.392	276	232098	44.476	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

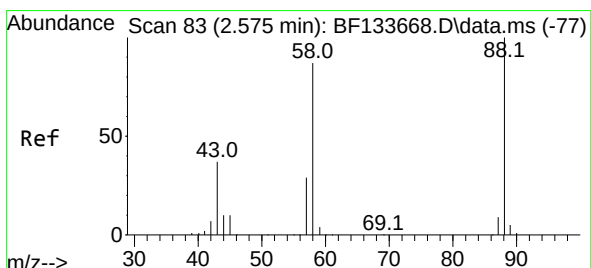
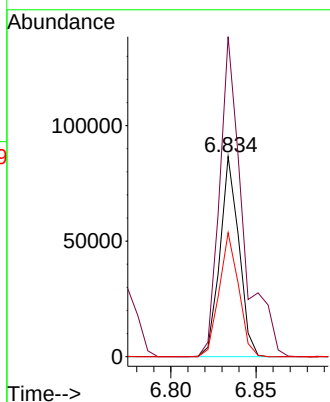
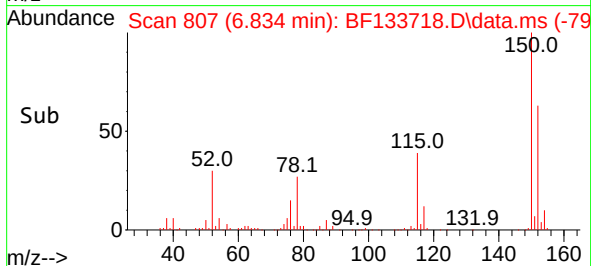
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:152 Resp: 6726
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 61.9 48.5 72.7

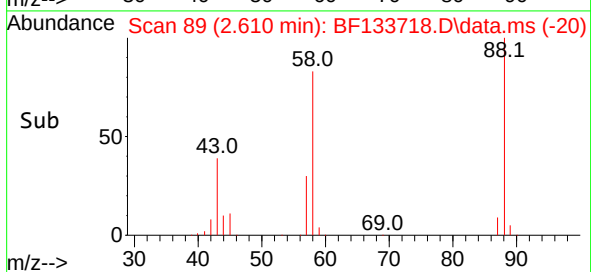
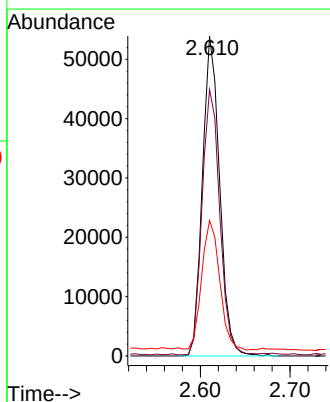
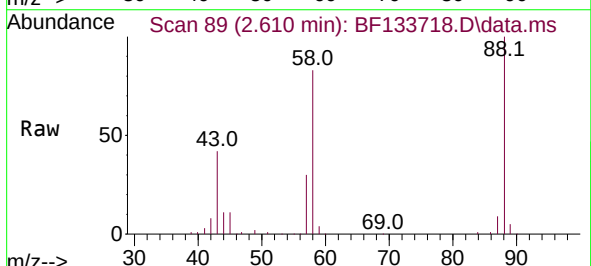
Manual Integrations
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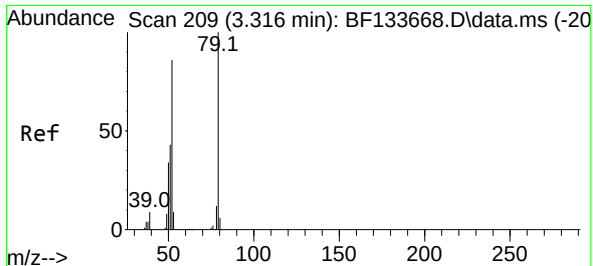
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#2
1,4-Dioxane
Concen: 42.224 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.059 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

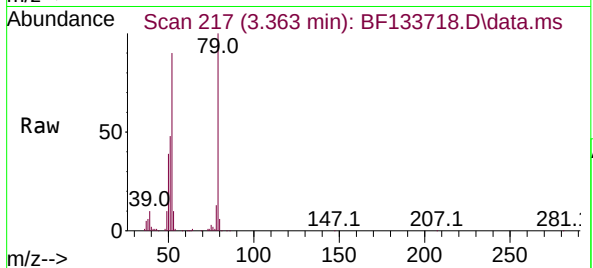
Tgt Ion: 88 Resp: 71721
Ion Ratio Lower Upper
88 100
58 85.4 67.8 101.6
43 42.3 29.8 44.6





#3
Pyridine
Concen: 35.753 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

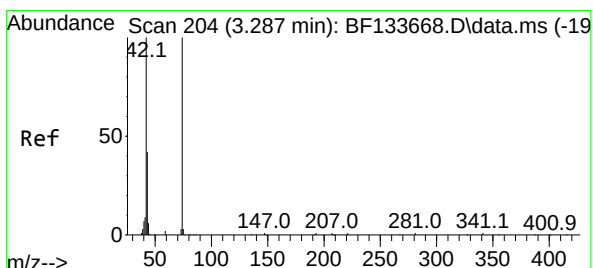
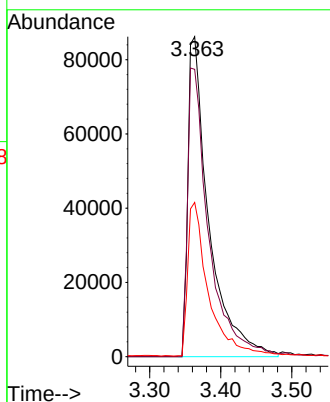
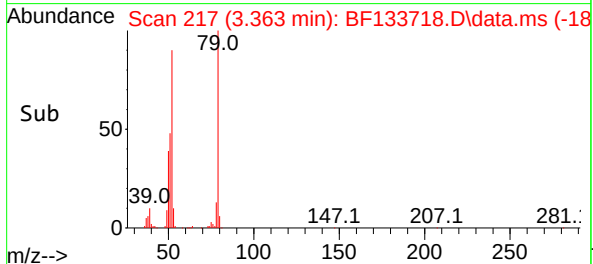
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion: 79 Resp: 17701
Ion Ratio Lower Upper
79 100
52 89.8 68.6 102.8
51 48.2 34.8 52.2

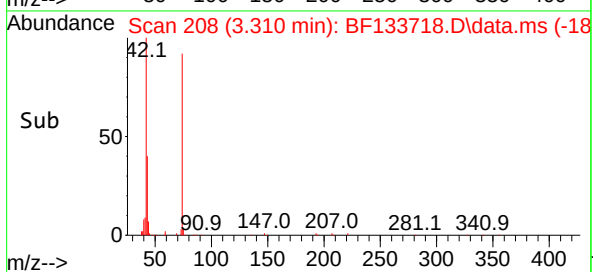
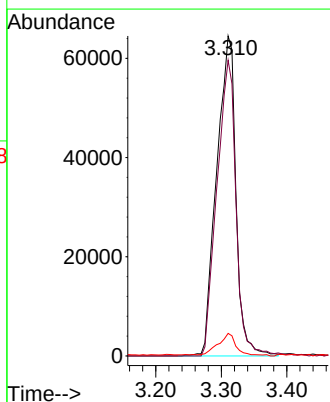
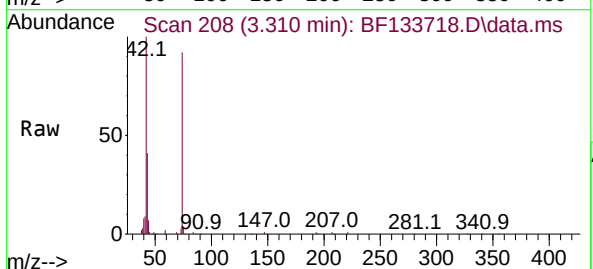
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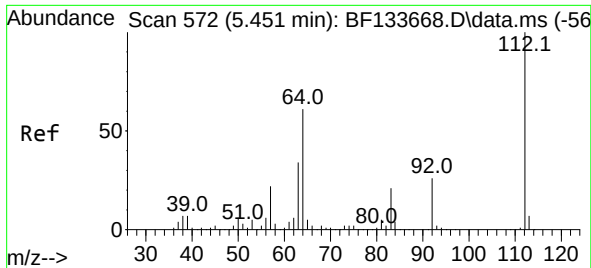
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#4
n-Nitrosodimethylamine
Concen: 48.089 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.059 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion: 42 Resp: 131604
Ion Ratio Lower Upper
42 100
74 92.4 79.8 119.8
44 7.1 4.7 7.1





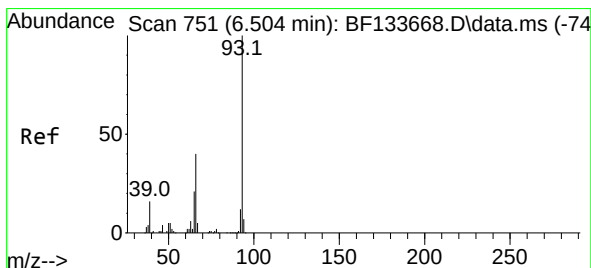
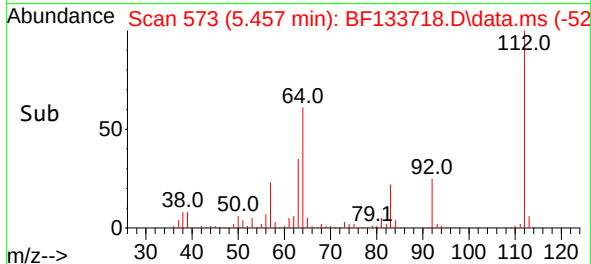
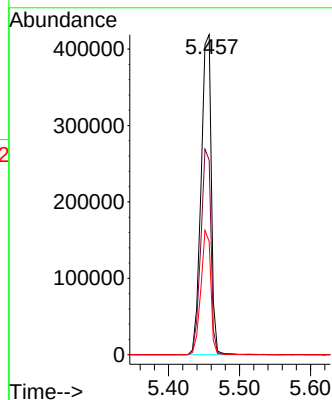
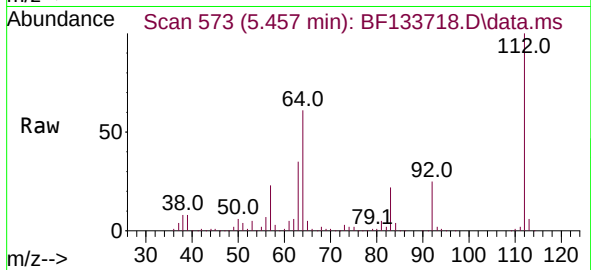
#5
2-Fluorophenol
Concen: 108.587 ng
RT: 5.457 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS

Tgt Ion:112 Resp: 419539
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 35.4 26.8 40.2

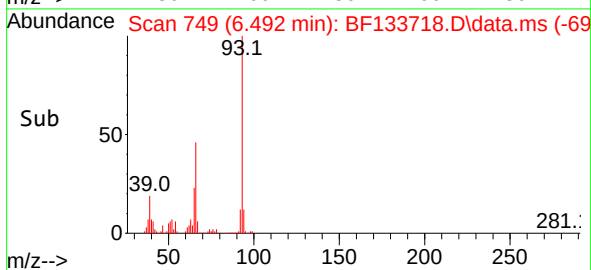
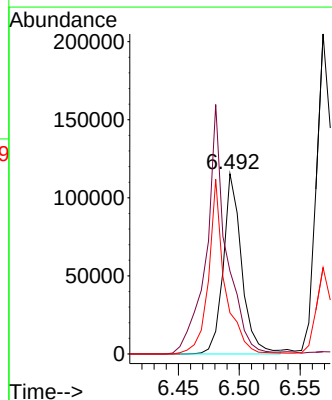
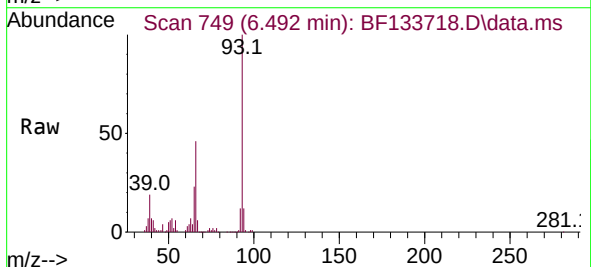
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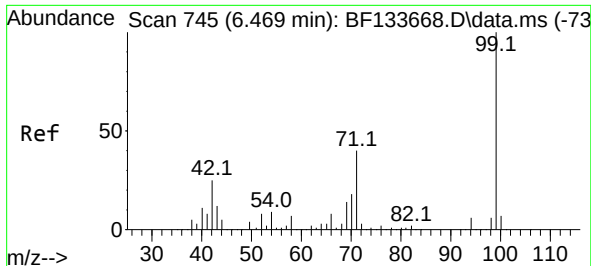
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#6
Aniline
Concen: 19.175 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133718.D
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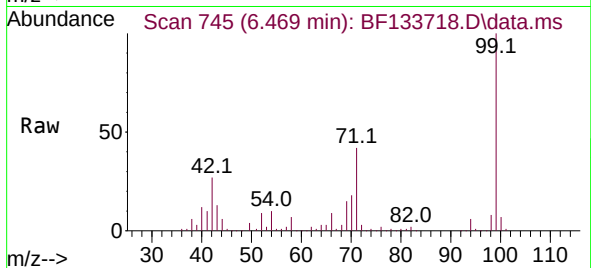
Tgt Ion: 93 Resp: 121457
Ion Ratio Lower Upper
93 100
66 46.0 34.4 51.6
65 22.8 17.5 26.3





#7
Phenol-d6
Concen: 97.092 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

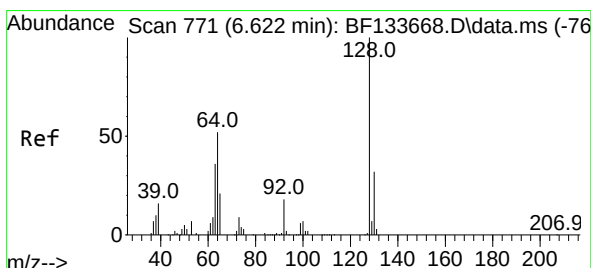
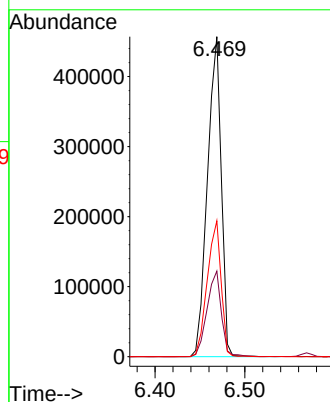
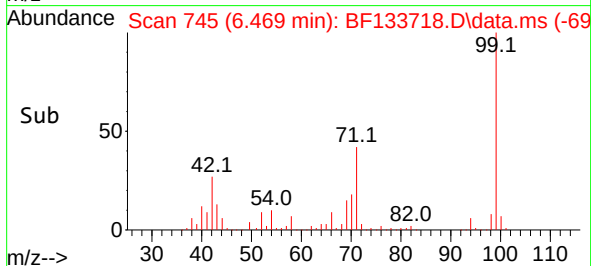
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion: 99 Resp: 48829
Ion Ratio Lower Upper
99 100
42 26.8 19.9 29.9
71 42.4 32.2 48.4

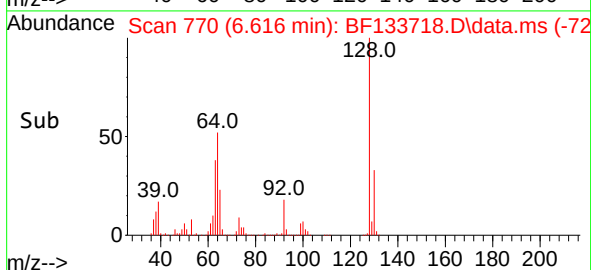
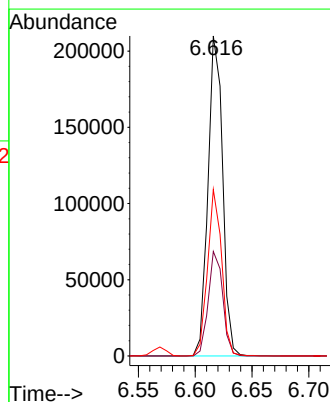
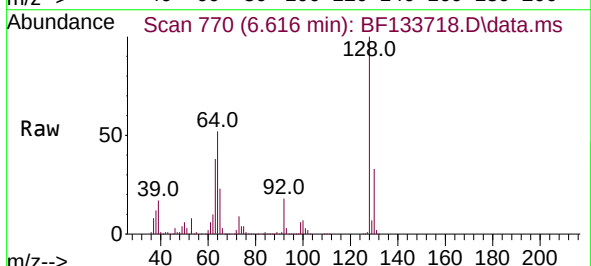
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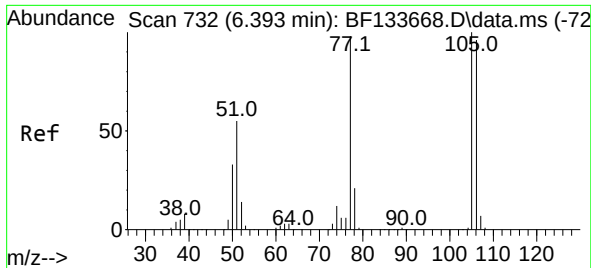
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#8
2-Chlorophenol
Concen: 46.009 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:128 Resp: 187334
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 52.0 33.1 73.1





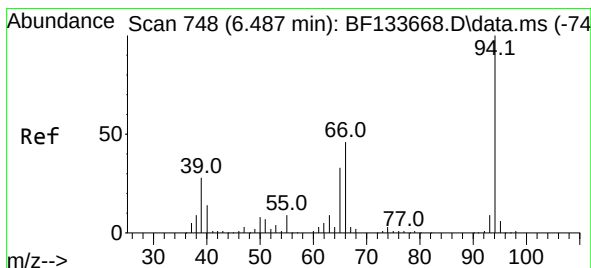
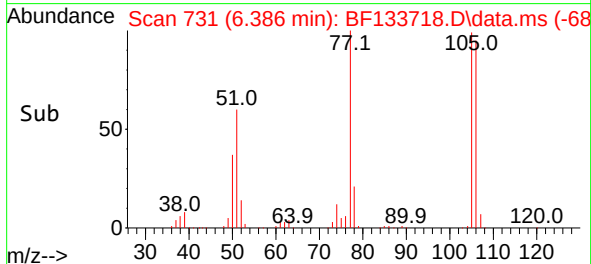
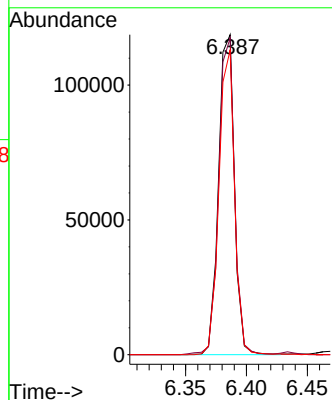
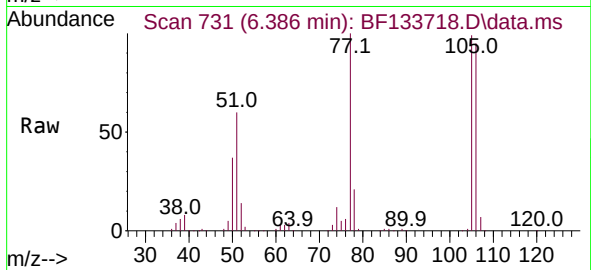
#9
Benzaldehyde
Concen: 32.303 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS

Tgt Ion: 77 Resp: 107784
Ion Ratio Lower Upper
77 100
105 98.9 82.0 122.0
106 95.3 77.6 117.6

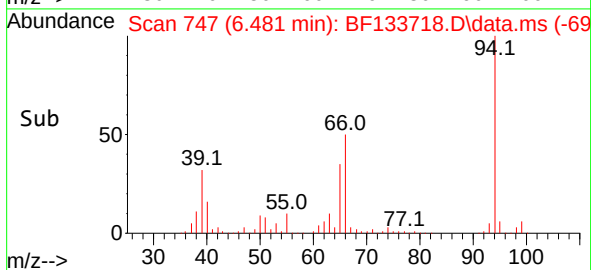
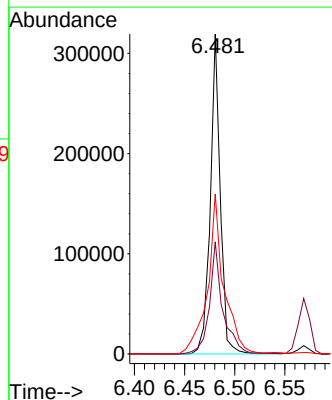
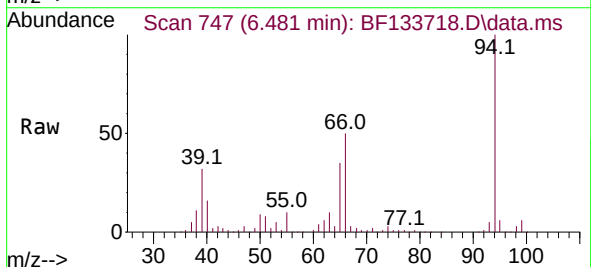
Manual Integrations
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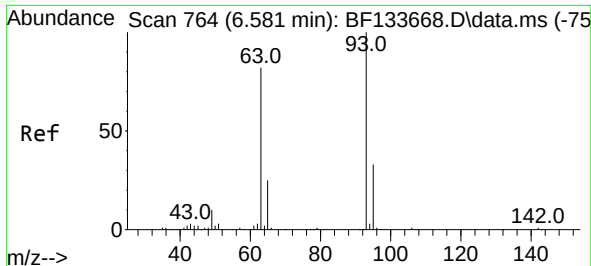
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#10
Phenol
Concen: 42.377 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

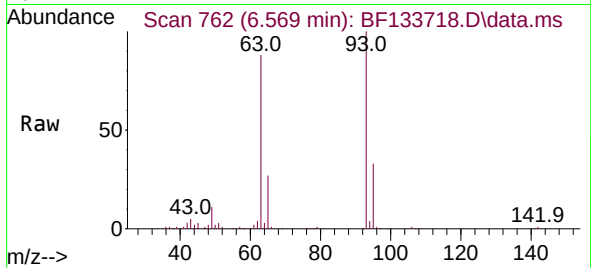
Tgt Ion: 94 Resp: 222540
Ion Ratio Lower Upper
94 100
65 35.0 13.2 53.2
66 50.0 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 44.626 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

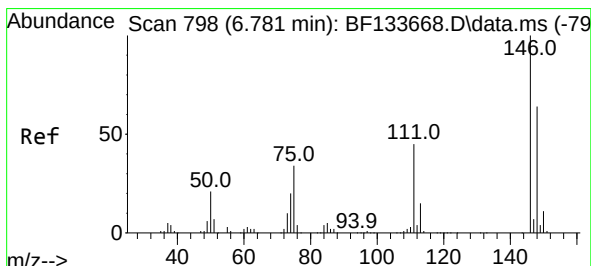
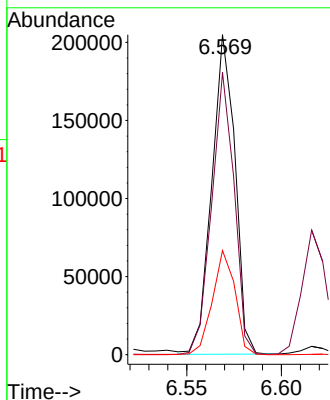
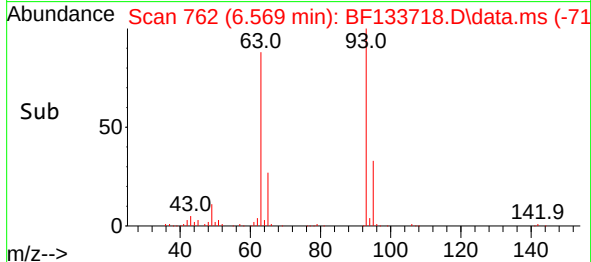
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



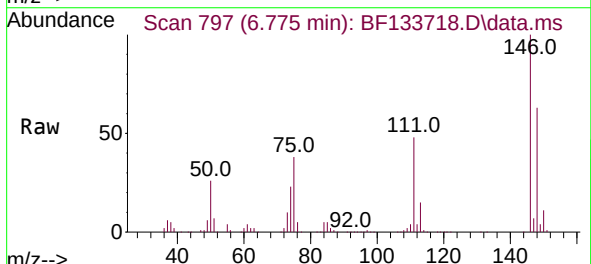
Tgt Ion: 93 Resp: 173978
Ion Ratio Lower Upper
93 100
63 88.2 62.1 102.1
95 32.5 13.0 53.0

Manual Integrations
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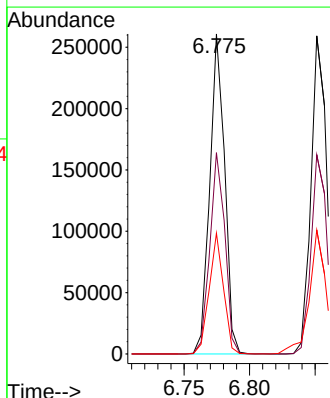
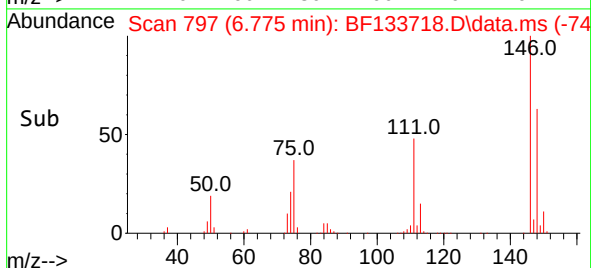
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

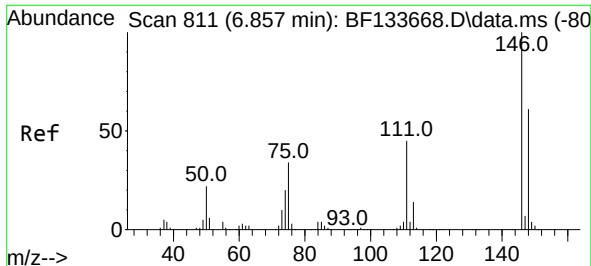


#12
1,3-Dichlorobenzene
Concen: 47.402 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



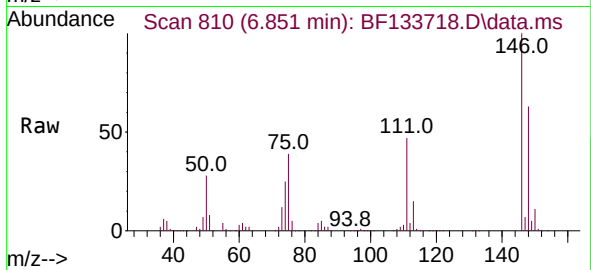
Tgt Ion:146 Resp: 206216
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 37.8 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 47.454 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

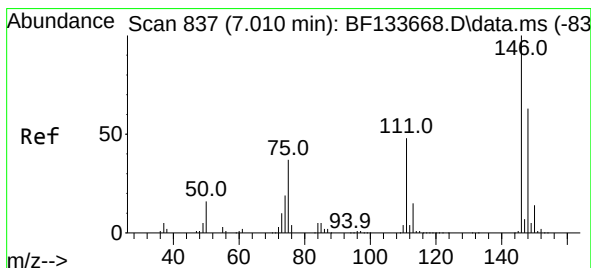
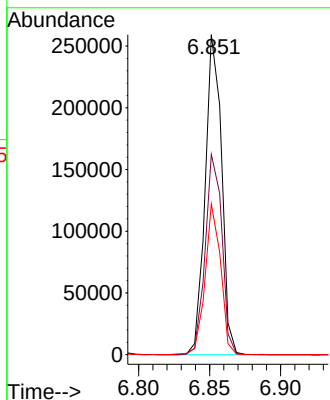
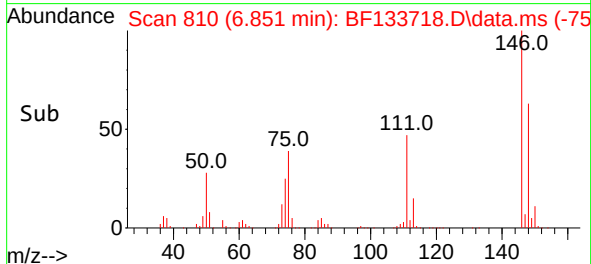
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



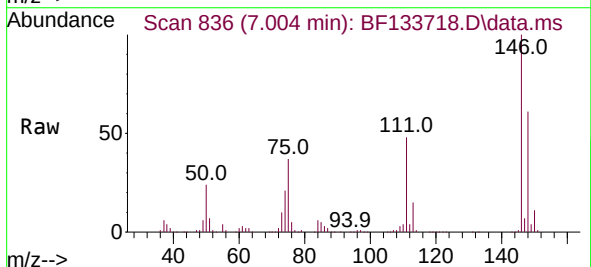
Tgt Ion:146 Resp: 208654
Ion Ratio Lower Upper
146 100
148 62.6 48.9 73.3
111 47.1 35.8 53.6

Manual Integrations
APPROVED

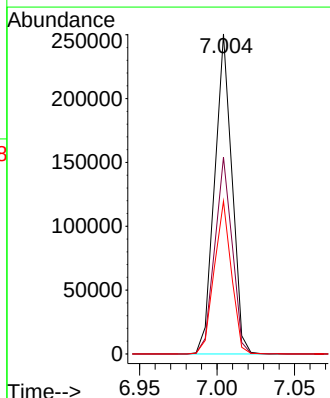
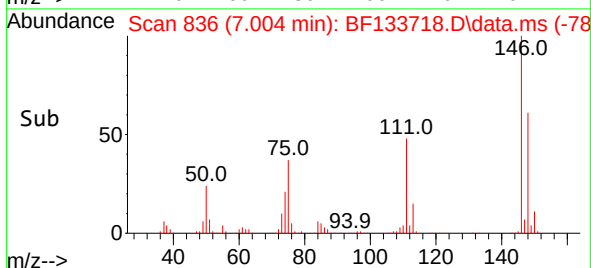
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

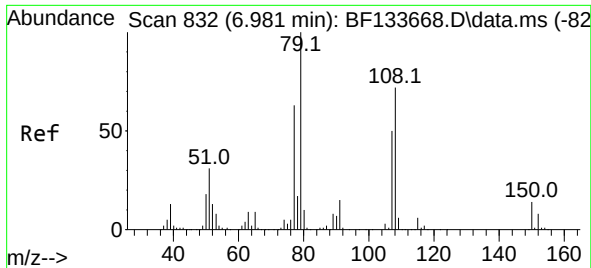


#14
1,2-Dichlorobenzene
Concen: 49.192 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



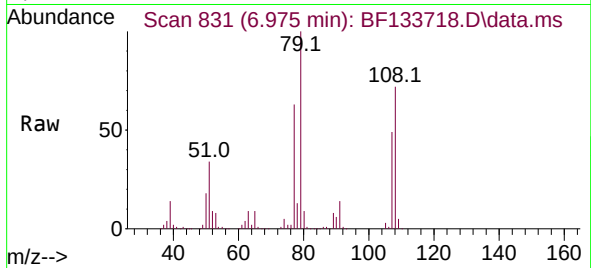
Tgt Ion:146 Resp: 195442
Ion Ratio Lower Upper
146 100
148 61.5 50.6 75.8
111 47.8 38.7 58.1





#15
Benzyl Alcohol
Concen: 42.824 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

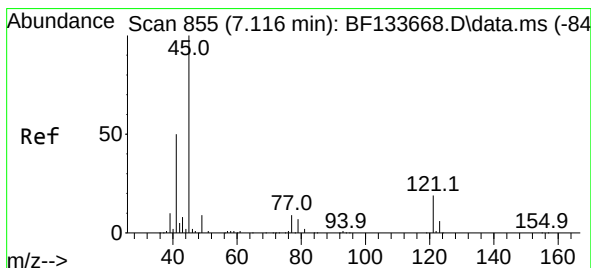
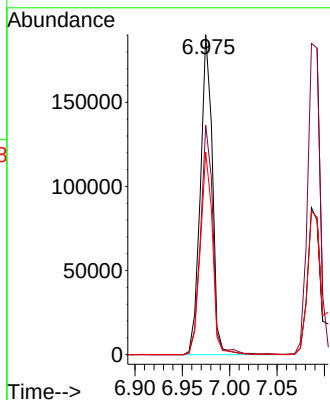
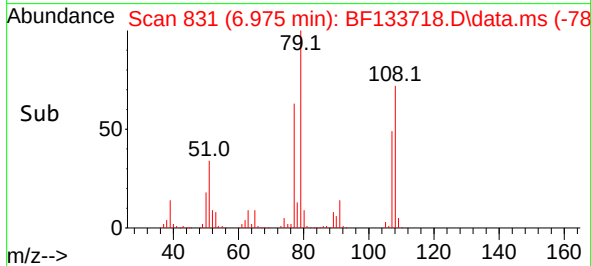
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion: 79 Resp: 168210
Ion Ratio Lower Upper
79 100
108 71.7 57.9 86.9
77 63.4 50.4 75.6

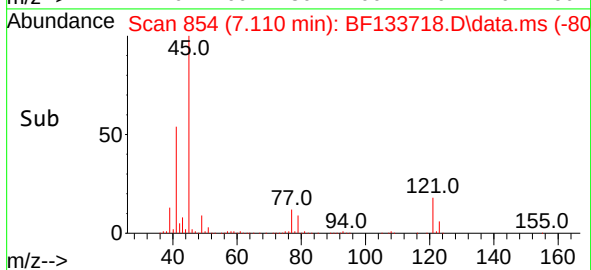
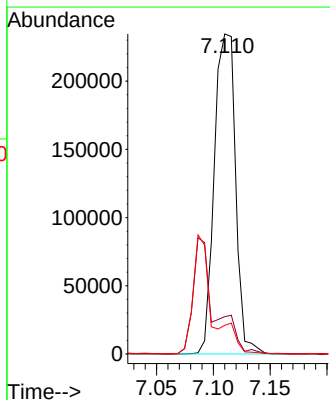
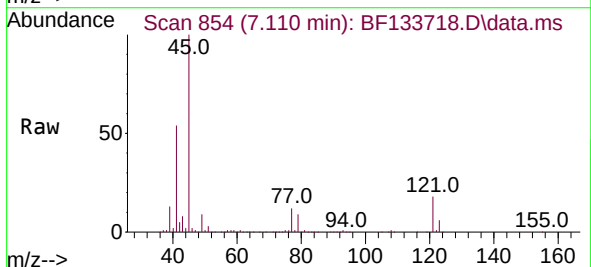
Manual Integrations
APPROVED

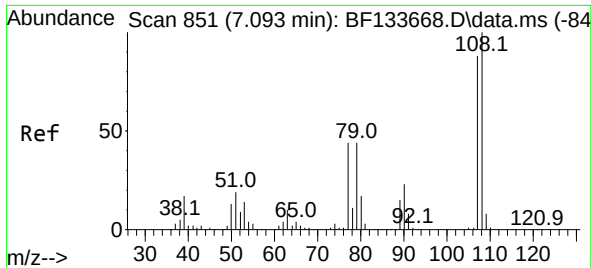
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.264 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion: 45 Resp: 305744
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.3
79 9.0 0.0 29.4





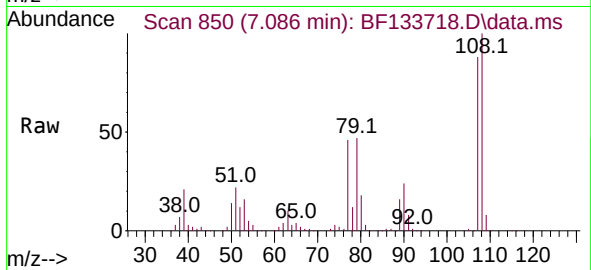
#17
2-Methylphenol
Concen: 41.287 ng
RT: 7.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

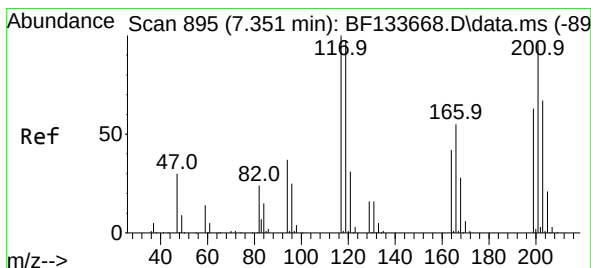
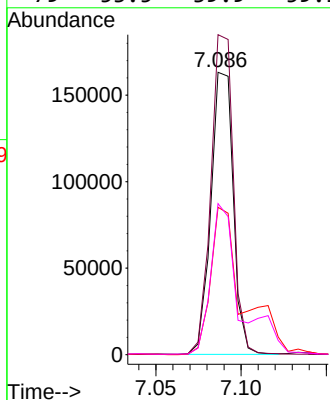
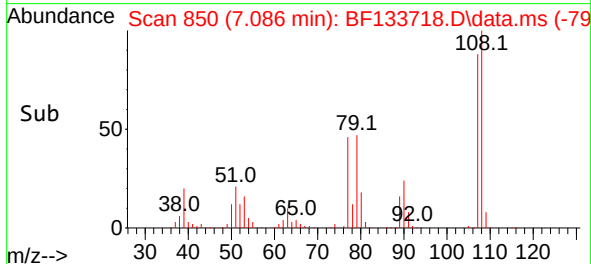


Tgt Ion:107 Resp: 149002
Ion Ratio Lower Upper
107 100
108 113.3 90.9 136.3
77 52.2 39.8 59.6
79 53.5 39.9 59.9

Manual Integrations

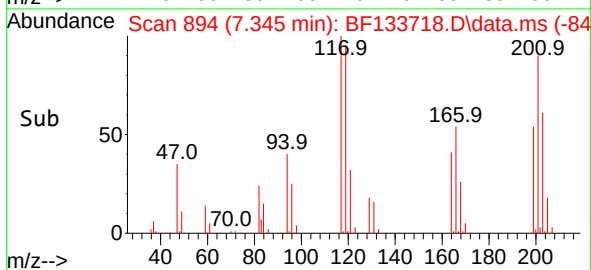
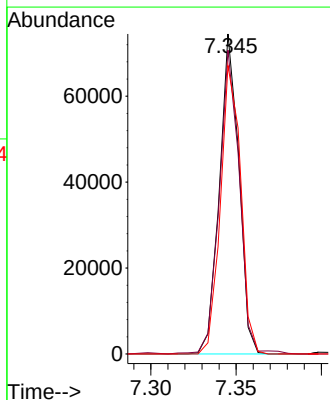
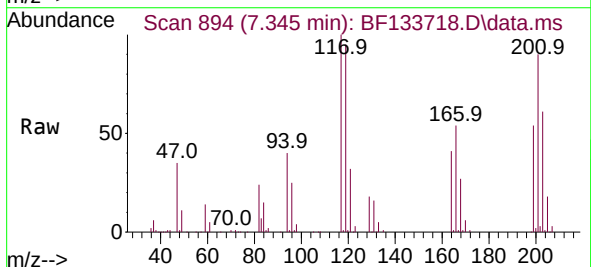
APPROVED

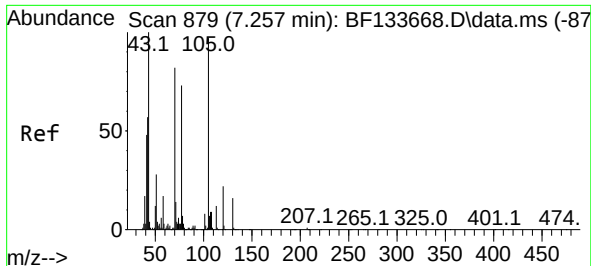
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#18
Hexachloroethane
Concen: 39.255 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

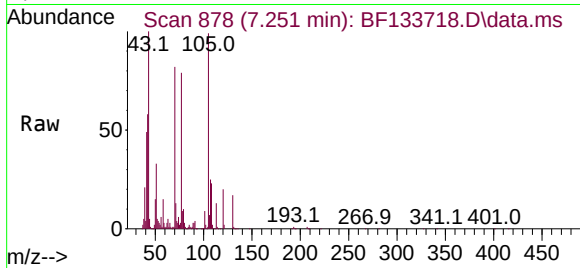
Tgt Ion:117 Resp: 59090
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
201 90.1 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.532 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

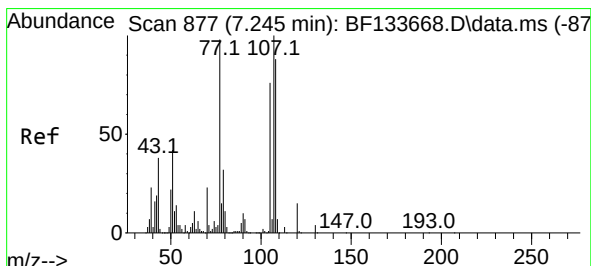
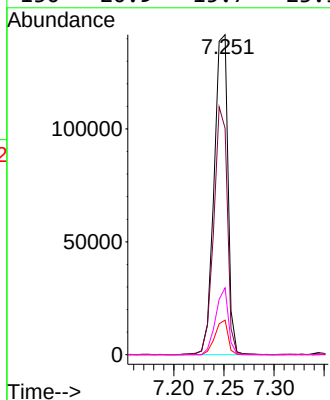
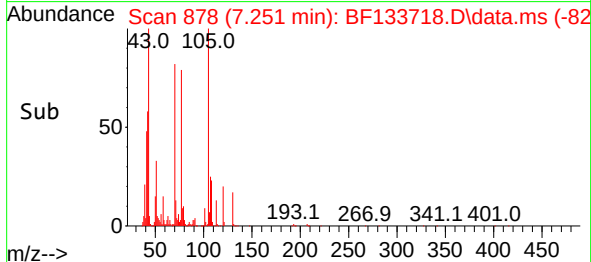
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



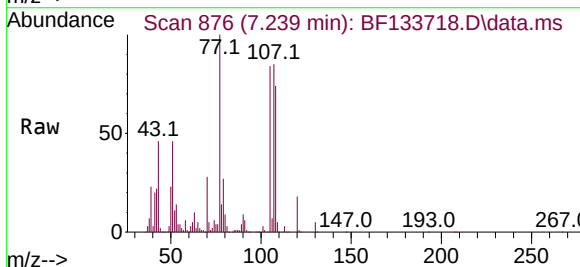
Tgt Ion: 70 Resp: 136094
Ion Ratio Lower Upper
70 100
42 70.7 55.8 83.8
101 10.8 8.1 12.1
130 20.9 15.7 23.5

Manual Integrations
APPROVED

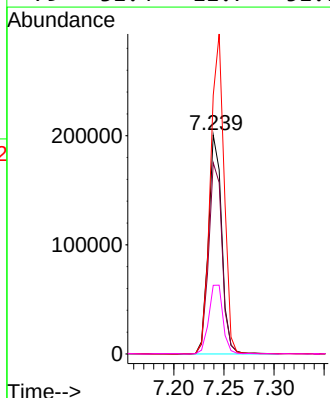
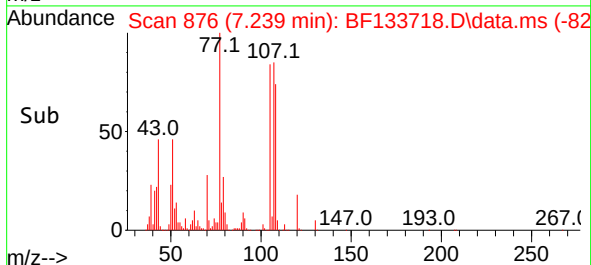
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

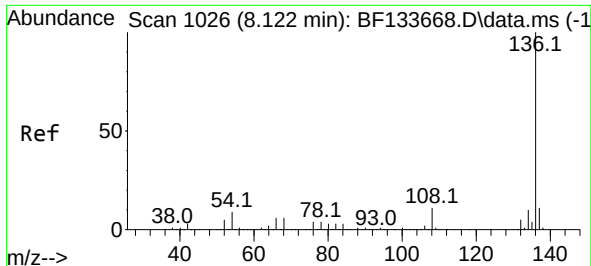


#20
3+4-Methylphenols
Concen: 39.561 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



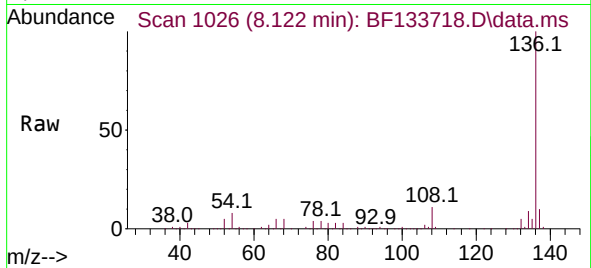
Tgt Ion:107 Resp: 185729
Ion Ratio Lower Upper
107 100
108 87.3 67.9 107.9
77 118.2 77.7 117.7#
79 31.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

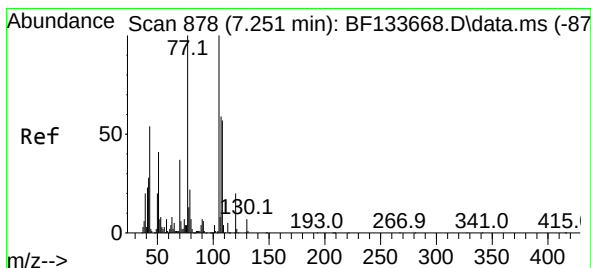
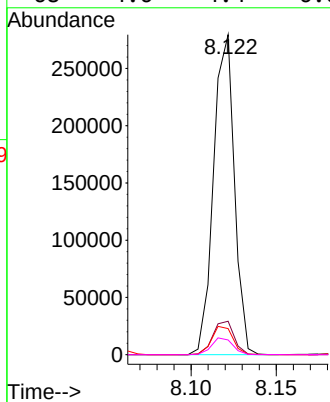
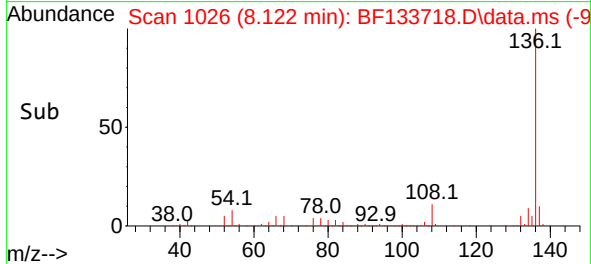
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:136 Resp: 238190
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.2 7.4 11.0
68 4.6 4.4 6.6

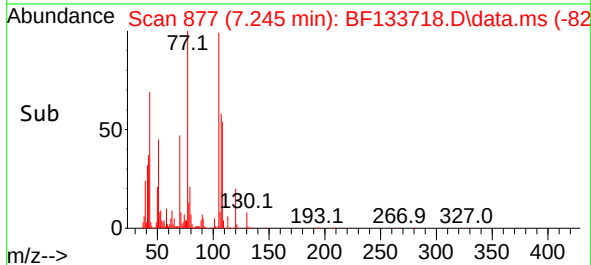
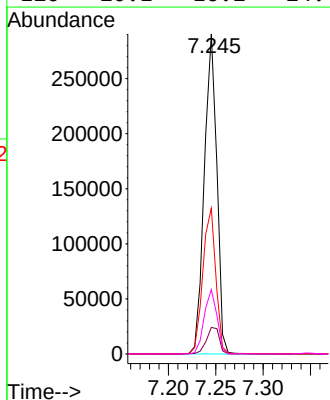
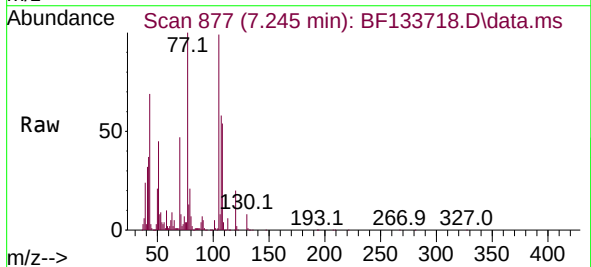
Manual Integrations
APPROVED

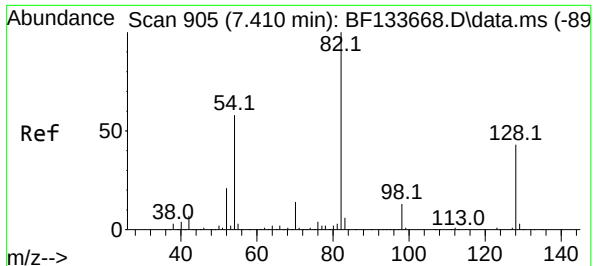
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#22
Acetophenone
Concen: 48.758 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

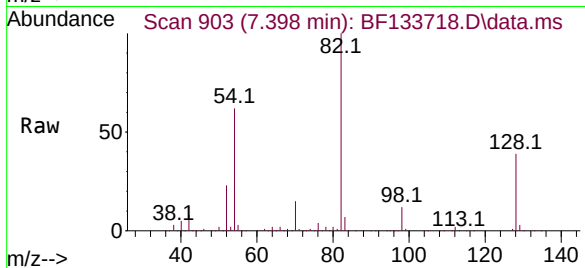
Tgt Ion:105 Resp: 266364
Ion Ratio Lower Upper
105 100
71 8.3 4.8 7.2#
51 45.6 33.0 49.4
120 20.1 16.2 24.4





#23
Nitrobenzene-d5
Concen: 74.472 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

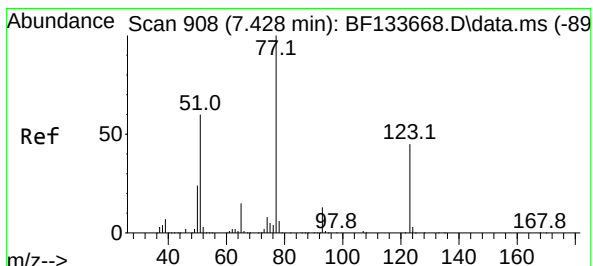
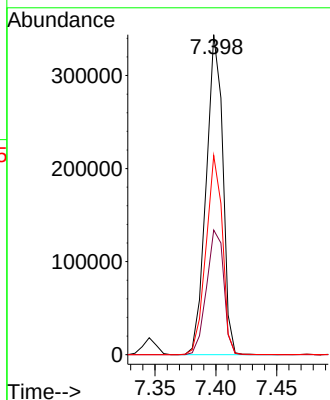
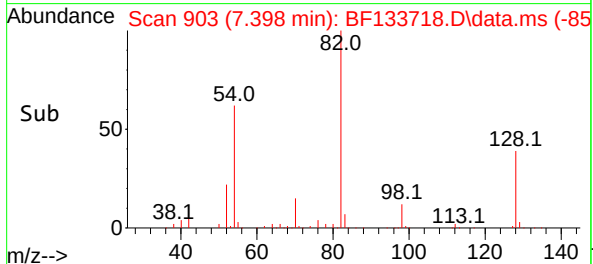
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



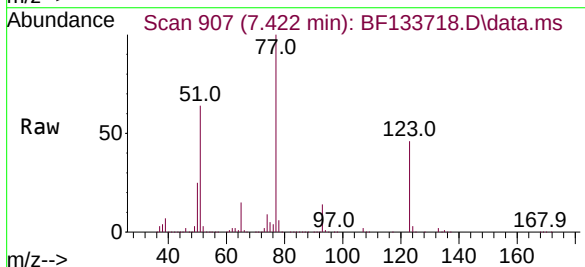
Tgt Ion: 82 Resp: 325670
Ion Ratio Lower Upper
82 100
128 39.0 34.2 51.2
54 62.3 46.5 69.7

Manual Integrations
APPROVED

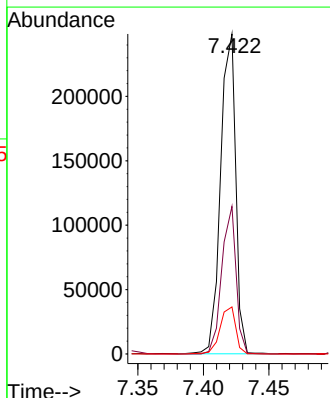
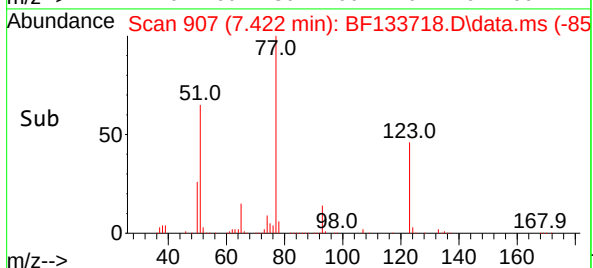
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

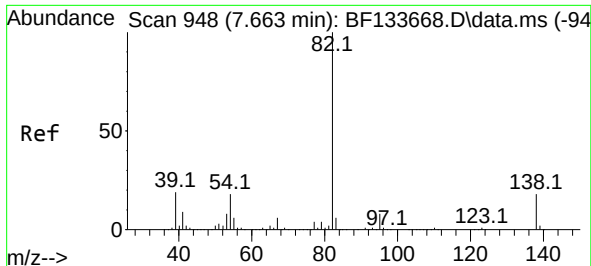


#24
Nitrobenzene
Concen: 45.098 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



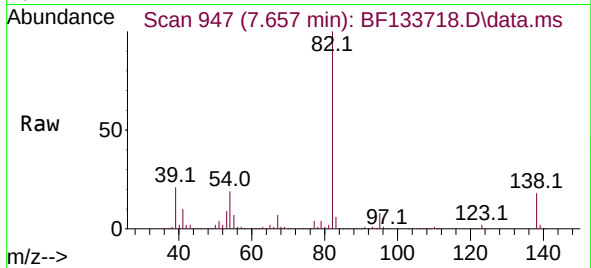
Tgt Ion: 77 Resp: 198589
Ion Ratio Lower Upper
77 100
123 46.1 35.8 53.8
65 14.7 11.6 17.4





#25
Isophorone
Concen: 43.484 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

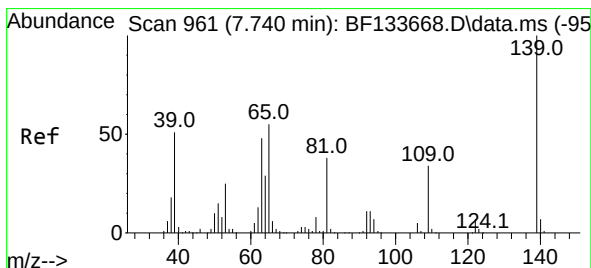
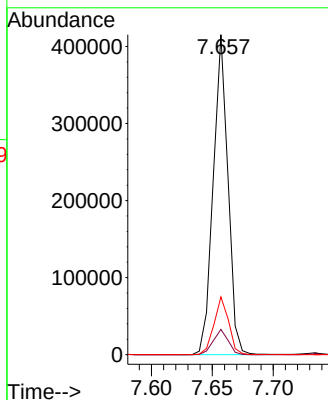
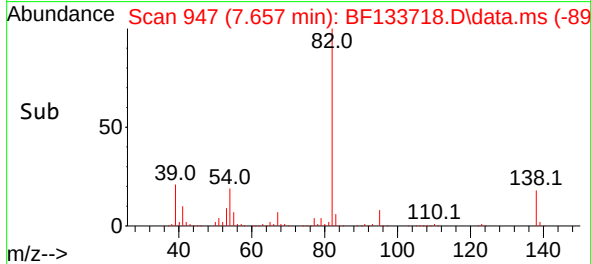
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion: 82 Resp: 34911
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 18.1 14.2 21.2

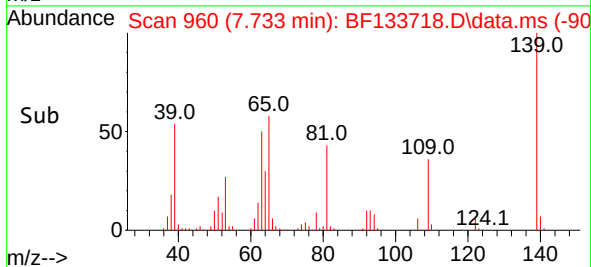
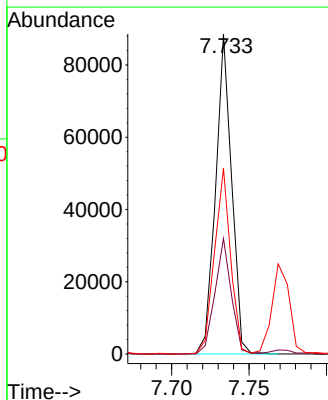
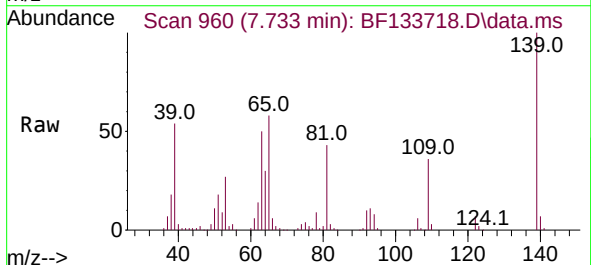
Manual Integrations
APPROVED

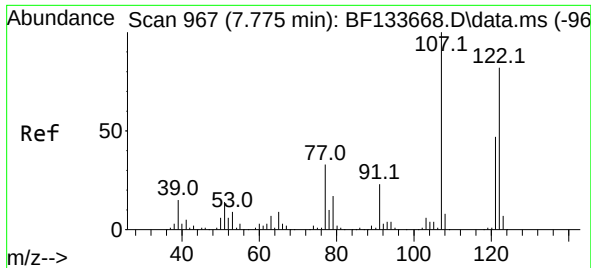
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#26
2-Nitrophenol
Concen: 32.224 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:139 Resp: 63683
Ion Ratio Lower Upper
139 100
109 36.1 27.0 40.6
65 58.1 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 46.208 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

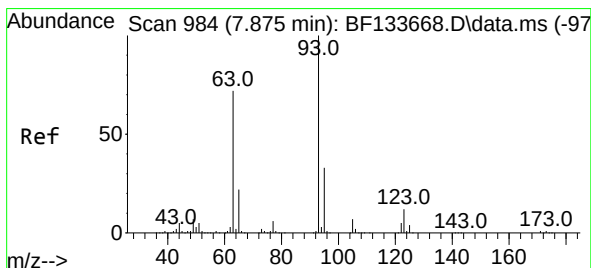
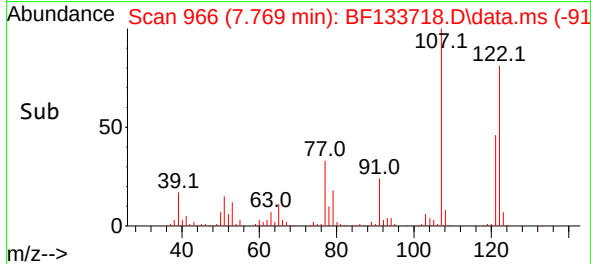
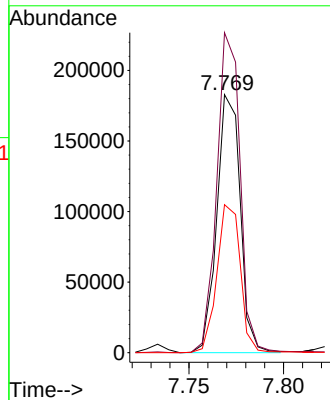
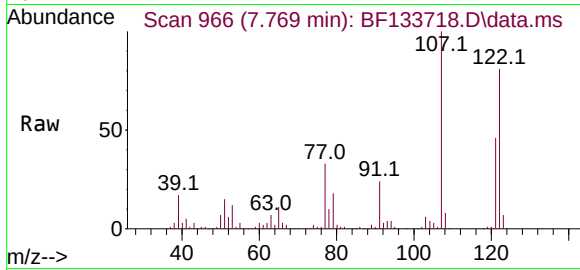
Tgt Ion:	122	Resp:	157394
Ion	Ratio	Lower	Upper
122	100		
107	124.0	97.8	146.6
121	57.4	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.756 ng

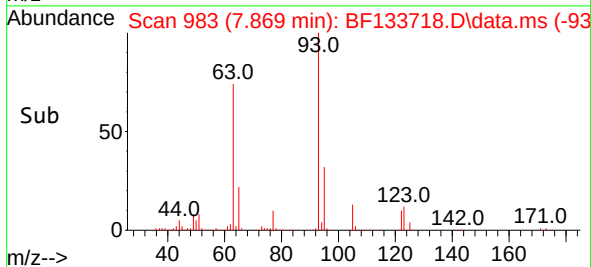
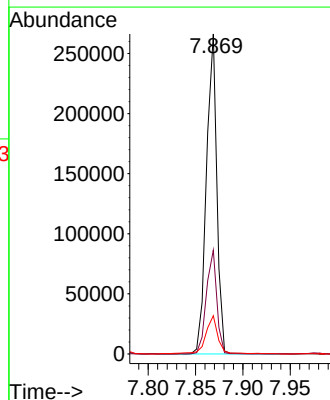
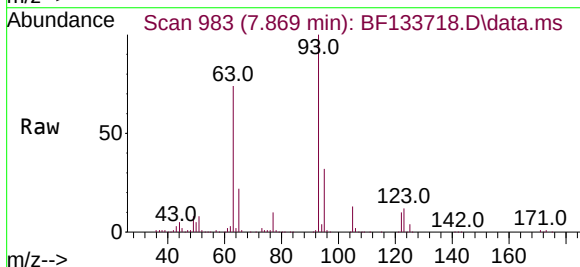
RT: 7.869 min Scan# 983

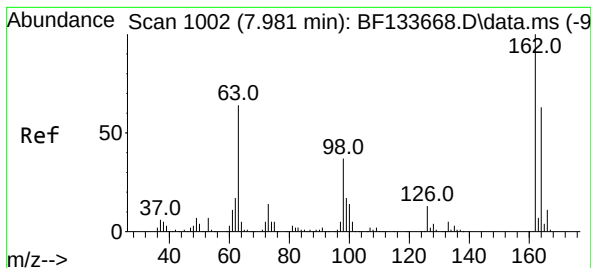
Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:	93	Resp:	203039
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	12.0	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 42.047 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:162 Resp: 140369

Ion Ratio Lower Upper

162 100

164 64.8 43.4 83.4

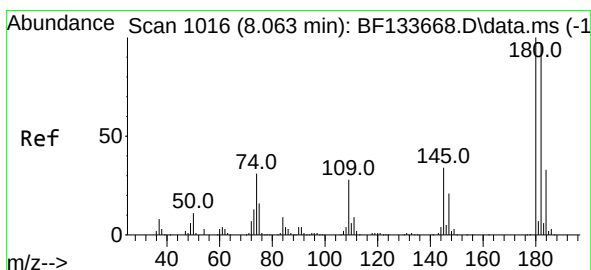
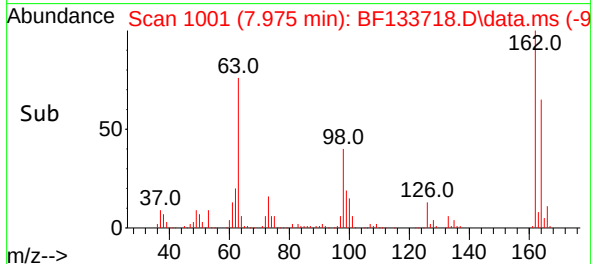
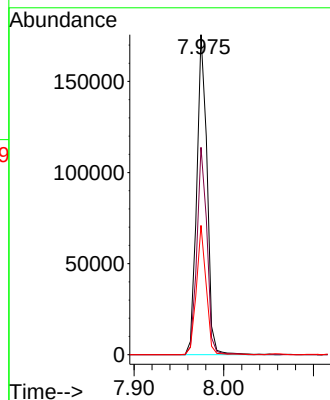
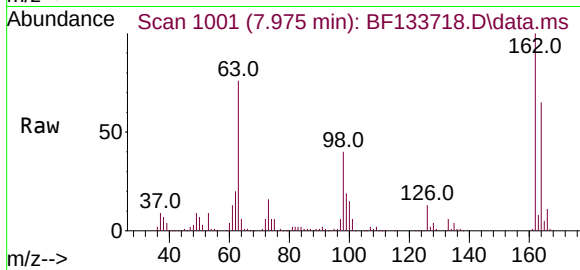
98 40.4 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.637 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

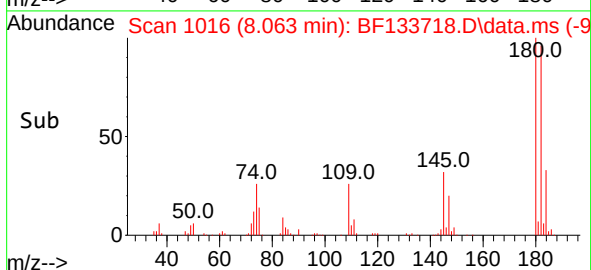
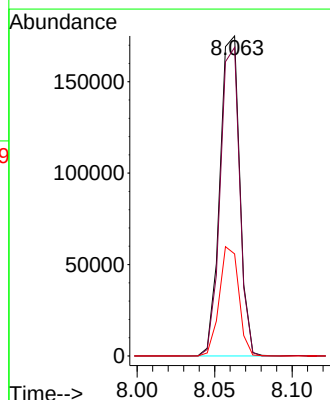
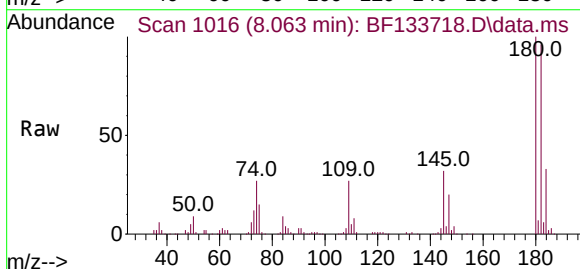
Tgt Ion:180 Resp: 155472

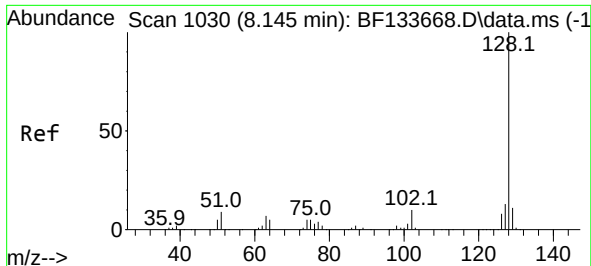
Ion Ratio Lower Upper

180 100

182 96.4 77.8 116.8

145 31.9 27.0 40.4





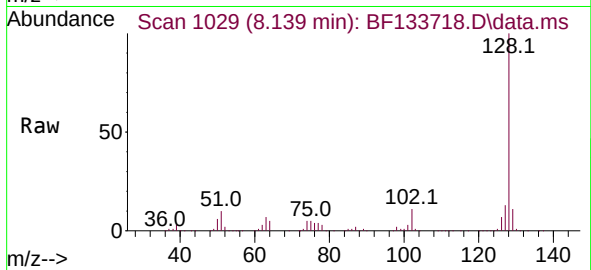
#31
Naphthalene
Concen: 43.229 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS



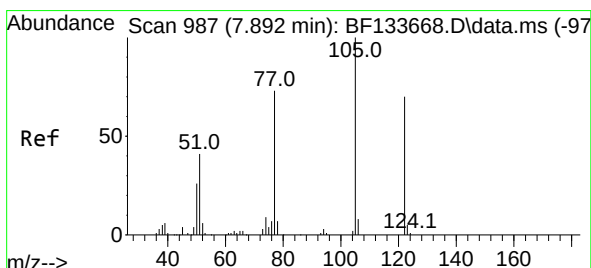
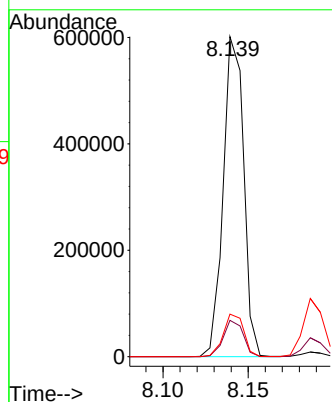
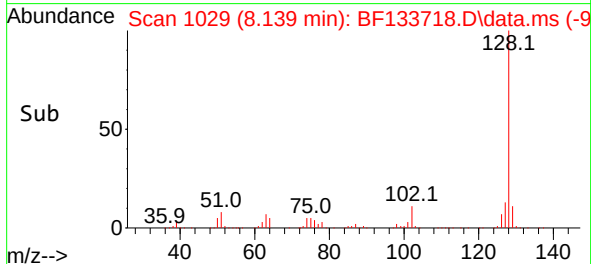
Tgt Ion:128 Resp: 50165
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.5 15.7

Manual Integrations

APPROVED

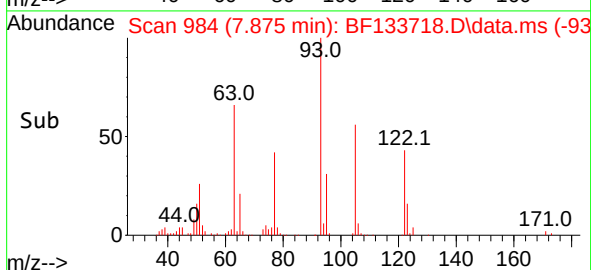
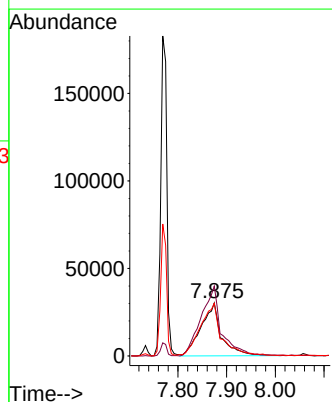
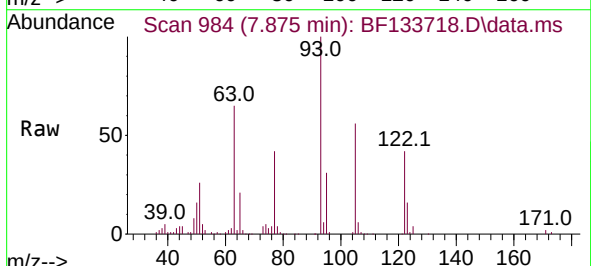
Reviewed By :Yogesh Patel 06/13/2023

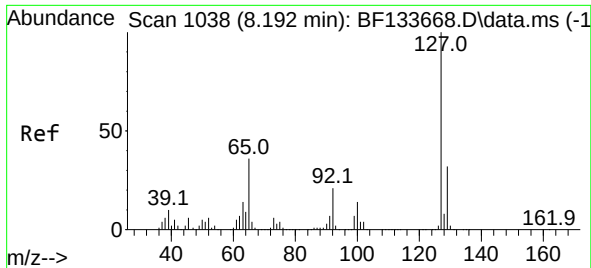
Supervised By :mohammad ahmed 06/13/2023



#32
Benzoic acid
Concen: 40.966 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:122 Resp: 88006
Ion Ratio Lower Upper
122 100
105 132.0 116.3 156.3
77 99.4 82.4 122.4





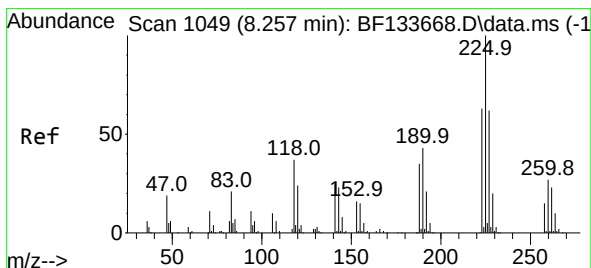
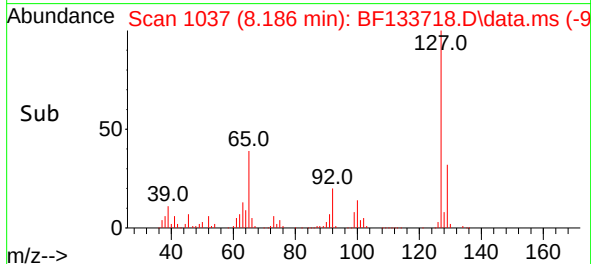
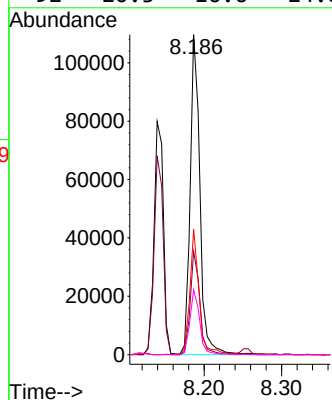
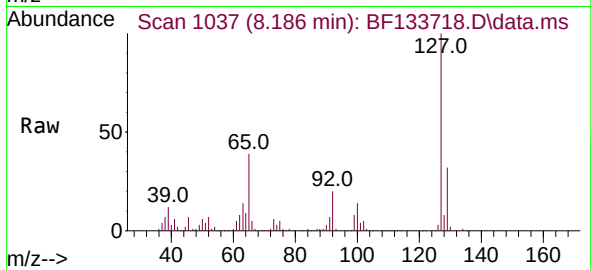
#33
4-Chloroaniline
Concen: 19.358 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS

Tgt Ion:	127	Resp:	9605
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.6	38.4
65	39.2	28.9	43.3
92	20.3	16.6	24.8

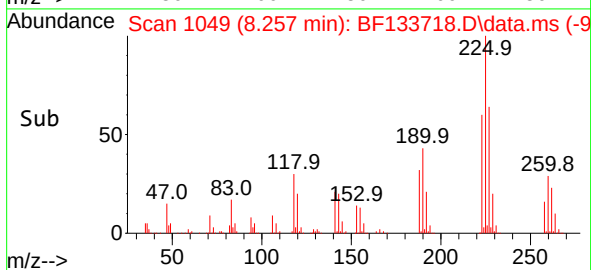
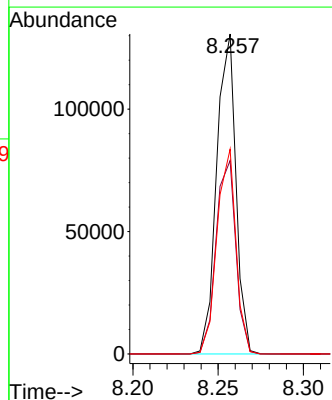
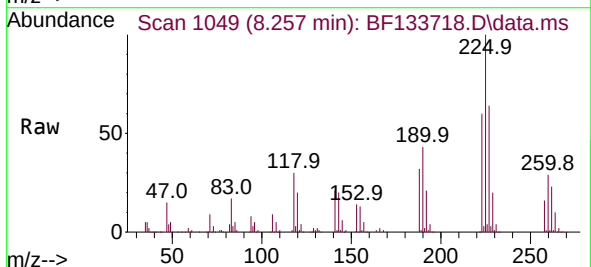
Manual Integrations
APPROVED

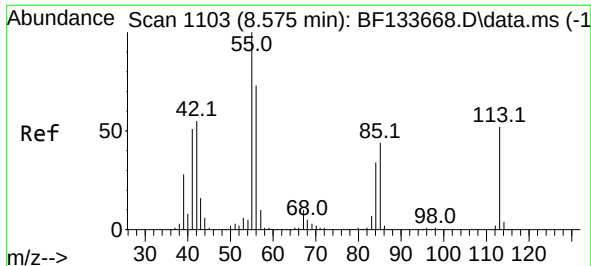
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#34
Hexachlorobutadiene
Concen: 44.976 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

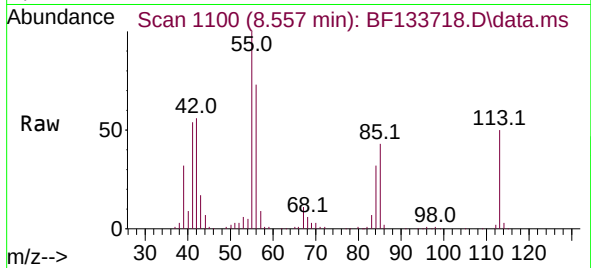
Tgt Ion:	225	Resp:	102564
Ion Ratio	Lower	Upper	
225	100		
223	60.5	50.2	75.4
227	64.0	49.5	74.3





#35
Caprolactam
Concen: 41.684 ng m
RT: 8.557 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

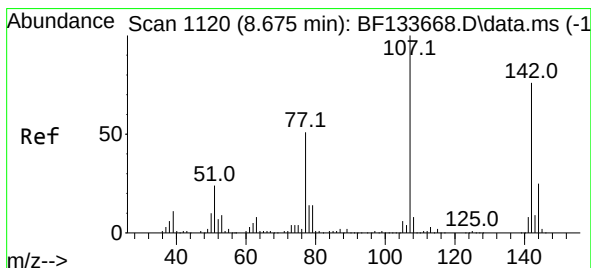
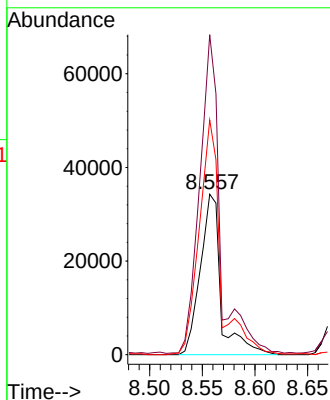
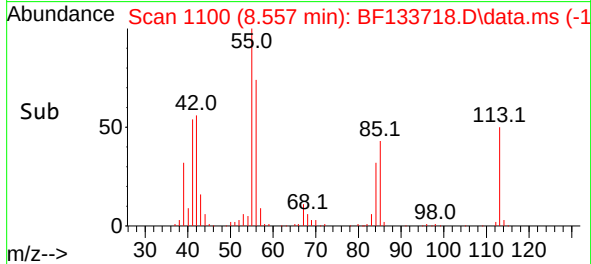
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:113 Resp: 4682
Ion Ratio Lower Upper
113 100
55 199.5 173.3 213.3
56 146.4 120.5 160.5

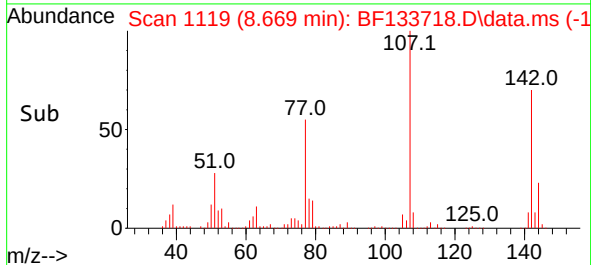
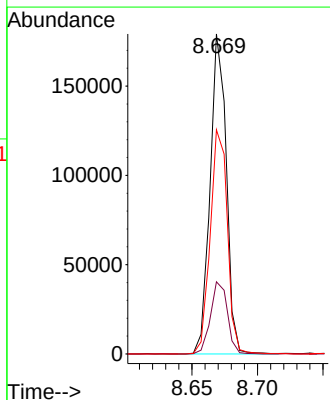
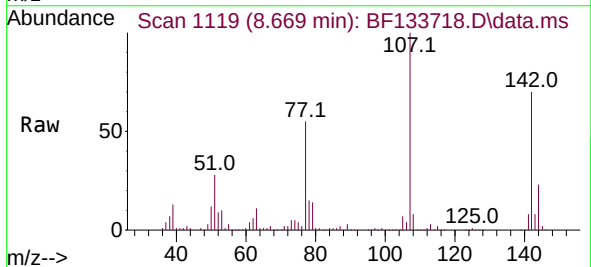
Manual Integrations
APPROVED

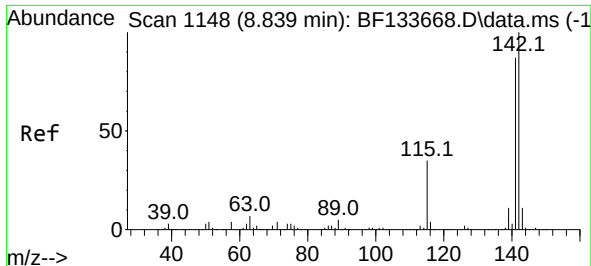
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#36
4-Chloro-3-methylphenol
Concen: 40.070 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

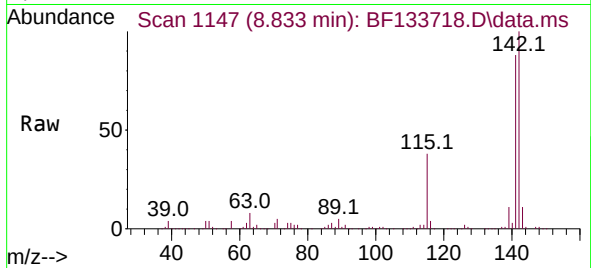
Tgt Ion:107 Resp: 154191
Ion Ratio Lower Upper
107 100
144 22.5 19.7 29.5
142 70.1 61.1 91.7





#37
2-Methylnaphthalene
Concen: 40.132 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

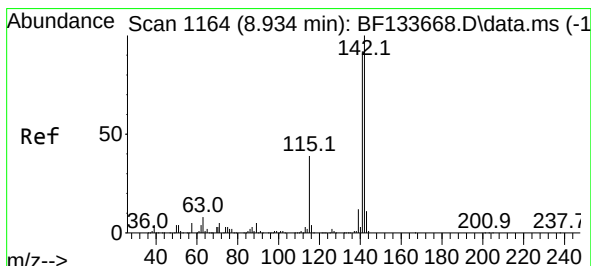
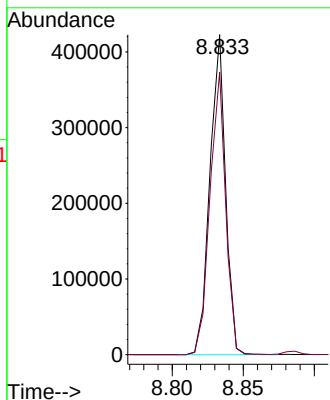
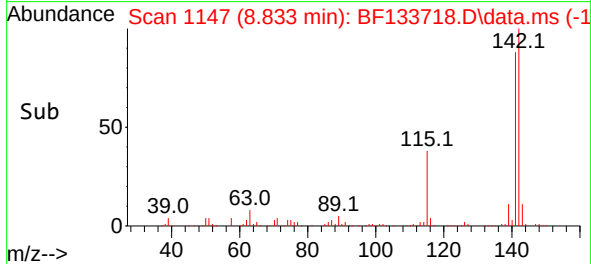
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



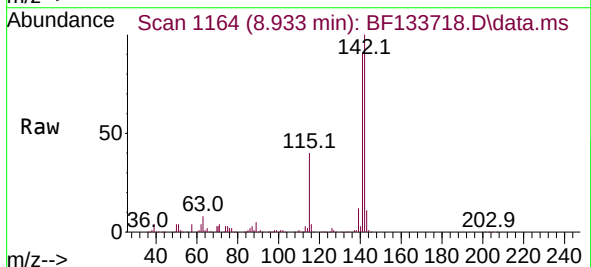
Tgt Ion:142 Resp: 32358
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8

Manual Integrations
APPROVED

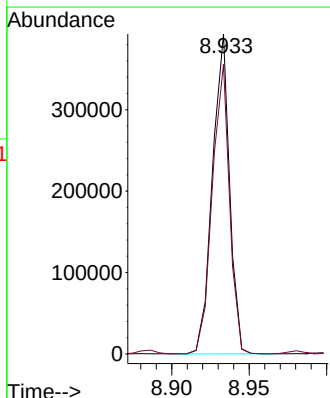
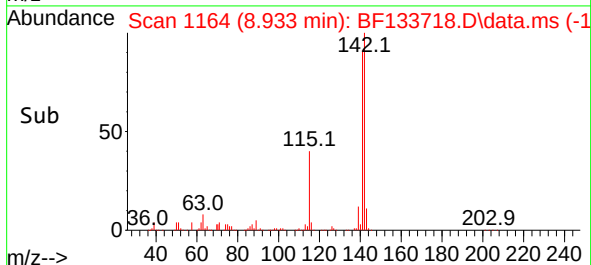
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

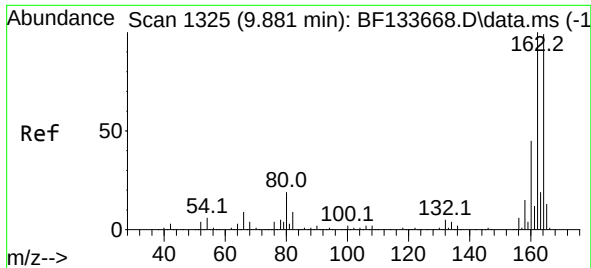


#38
1-Methylnaphthalene
Concen: 40.678 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



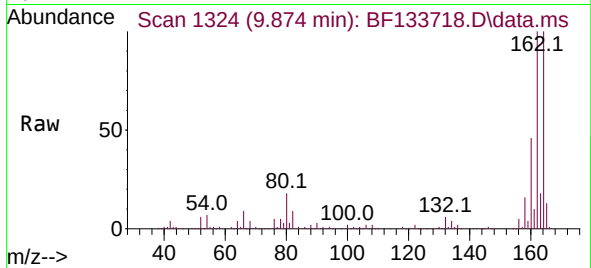
Tgt Ion:142 Resp: 301813
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

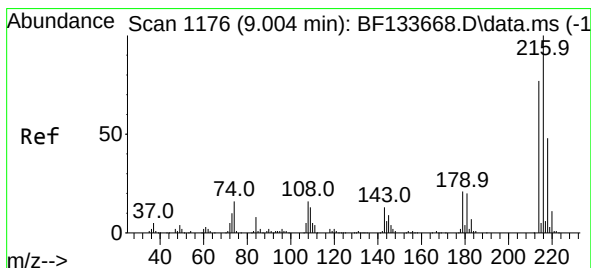
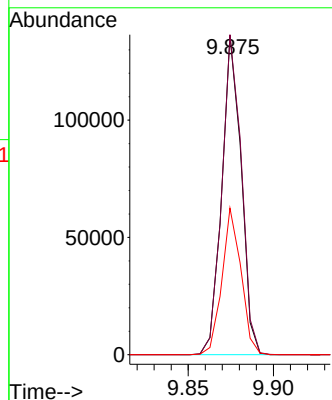
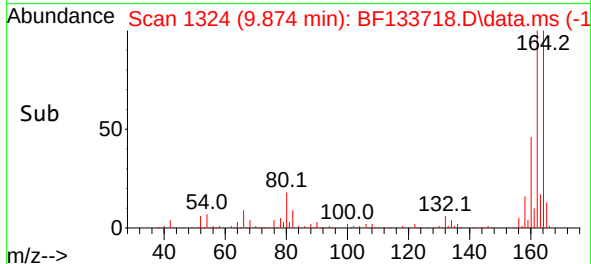
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:164 Resp: 107434
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 45.9 36.7 55.1

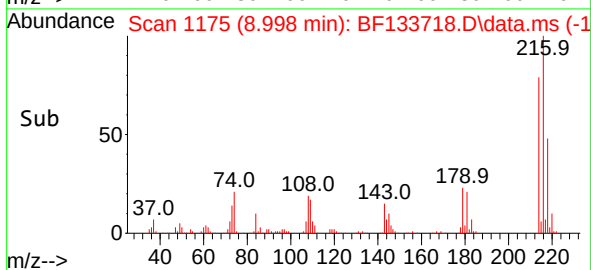
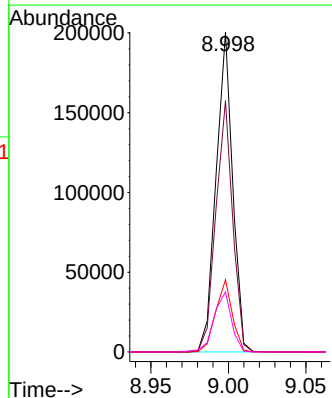
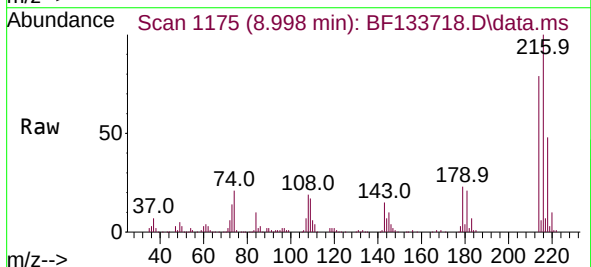
Manual Integrations
APPROVED

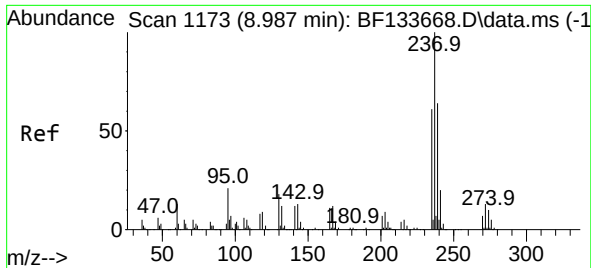
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.663 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:216 Resp: 149140
Ion Ratio Lower Upper
216 100
214 79.5 62.7 94.1
179 22.6 17.6 26.4
108 19.9 16.0 24.0





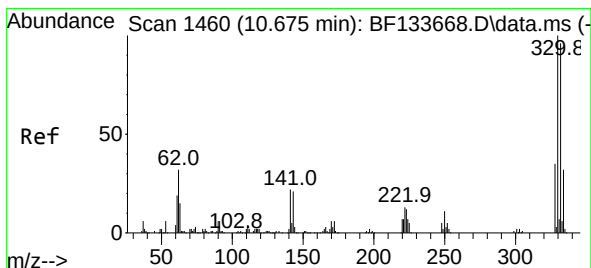
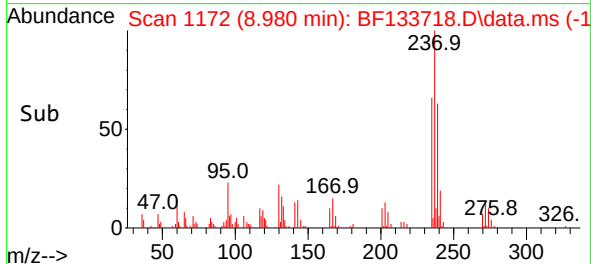
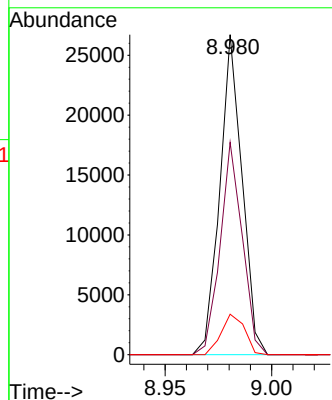
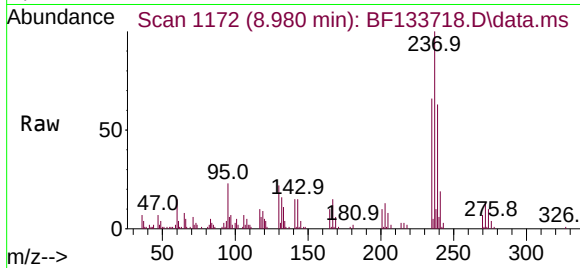
#41
Hexachlorocyclopentadiene
Concen: 13.359 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS

Tgt Ion:237 Resp: 1944
Ion Ratio Lower Upper
237 100
235 66.3 40.6 80.6
272 12.7 0.0 32.6

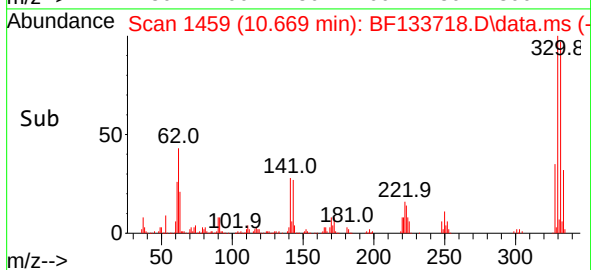
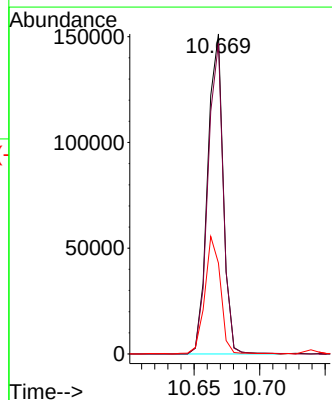
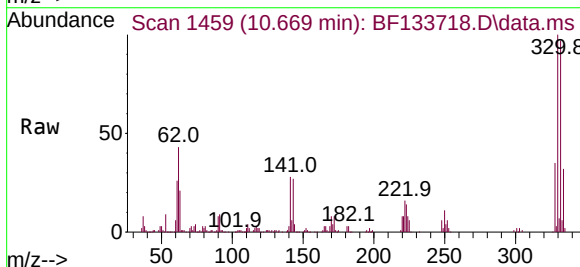
Manual Integrations
APPROVED

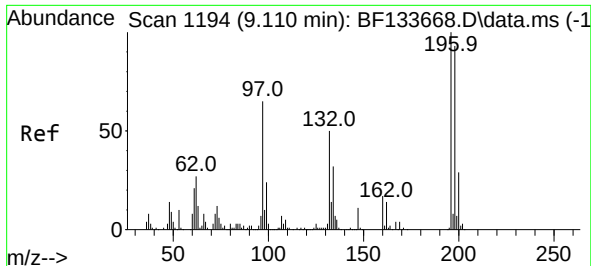
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#42
2,4,6-Tribromophenol
Concen: 91.890 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

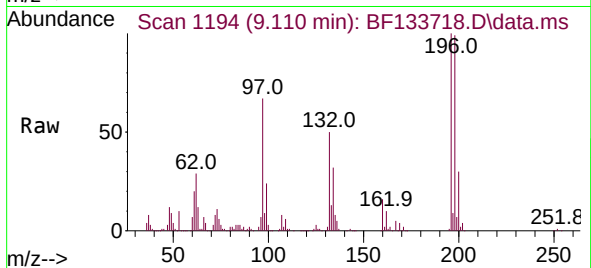
Tgt Ion:330 Resp: 124963
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 37.2 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 44.039 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

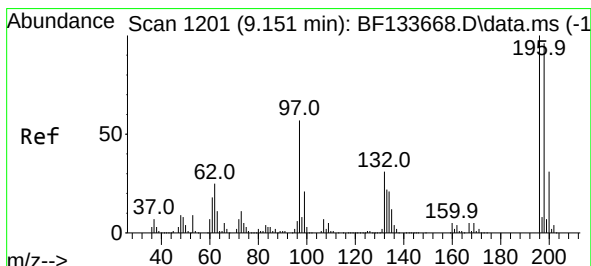
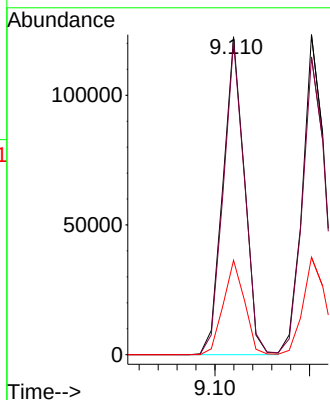
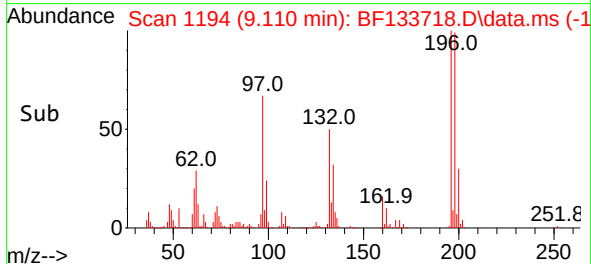
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:196 Resp: 9611
Ion Ratio Lower Upper
196 100
198 98.6 74.5 111.7
200 29.7 22.9 34.3

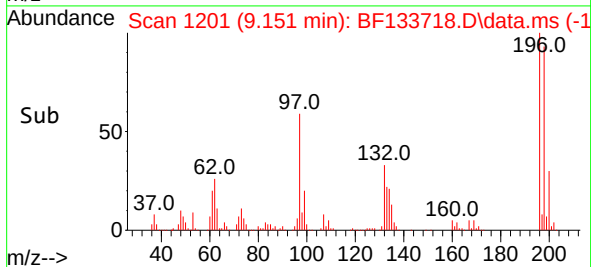
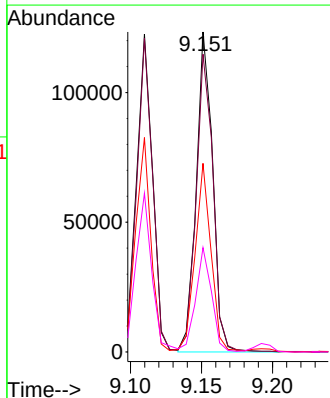
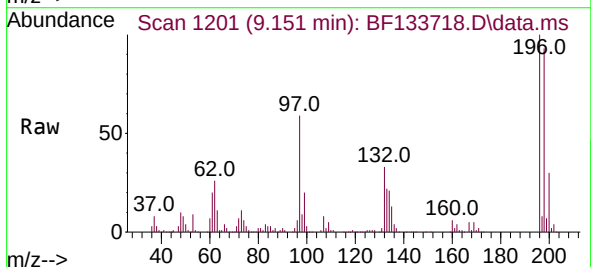
Manual Integrations
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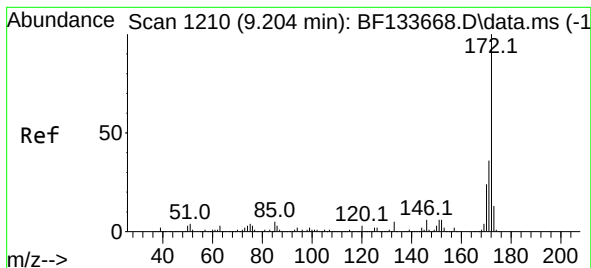
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#44
2,4,5-Trichlorophenol
Concen: 39.274 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:196 Resp: 99722
Ion Ratio Lower Upper
196 100
198 93.0 76.8 115.2
97 59.0 45.4 68.2
132 32.6 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 72.022 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:172 Resp: 54432

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

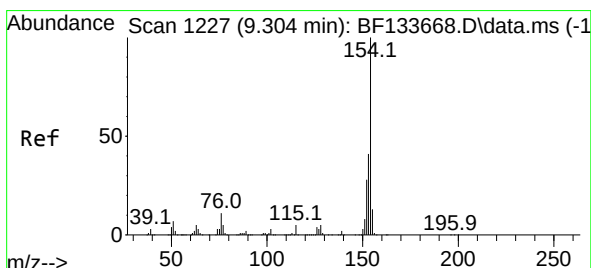
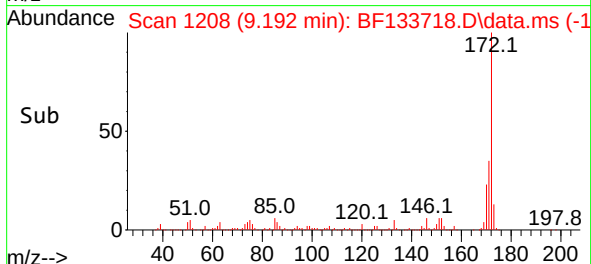
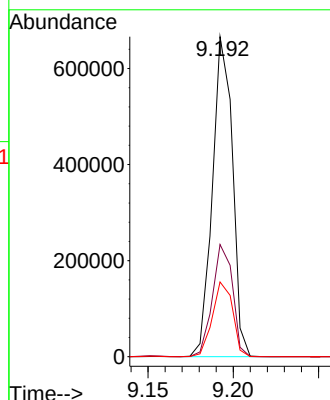
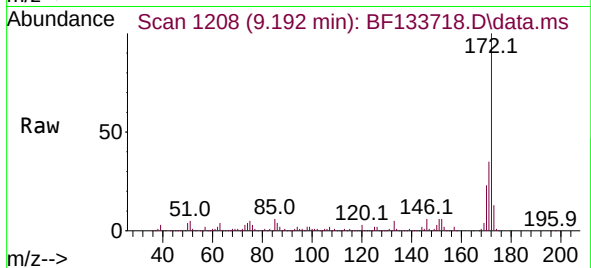
170 23.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#46

1,1'-Biphenyl

Concen: 46.101 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

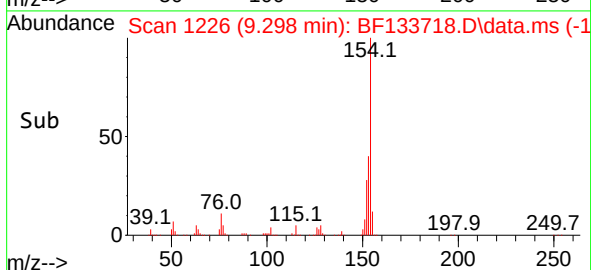
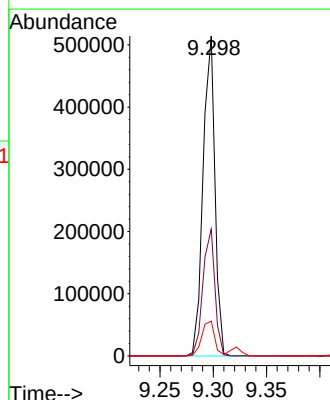
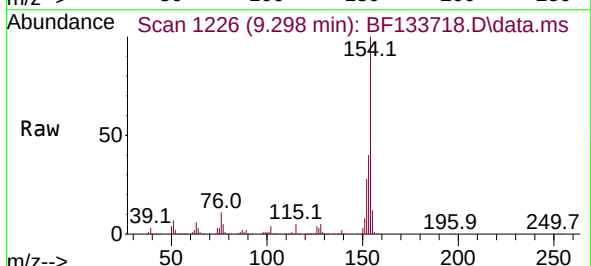
Tgt Ion:154 Resp: 399454

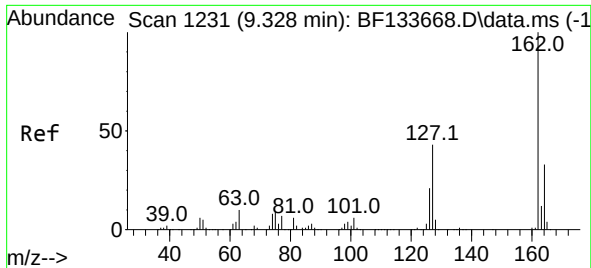
Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

76 10.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.517 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:162 Resp: 282900

Ion Ratio Lower Upper

162 100

127 45.0 34.6 52.0

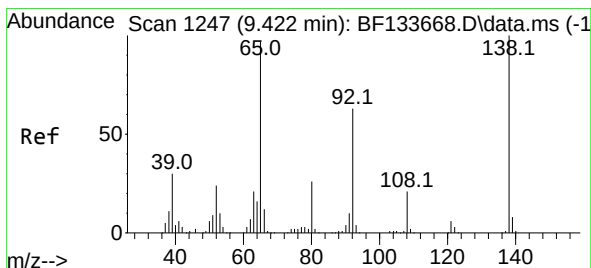
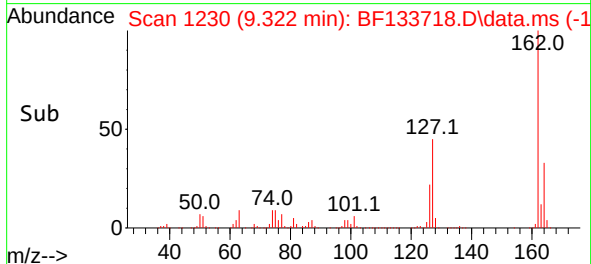
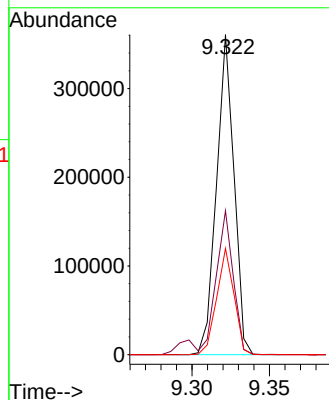
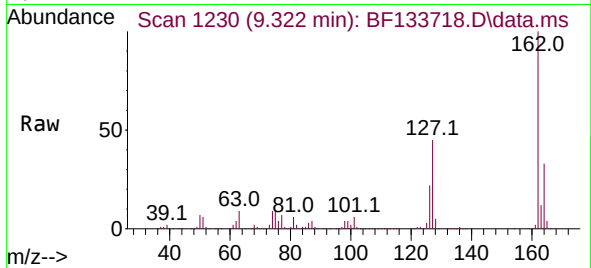
164 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#48

2-Nitroaniline

Concen: 51.812 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

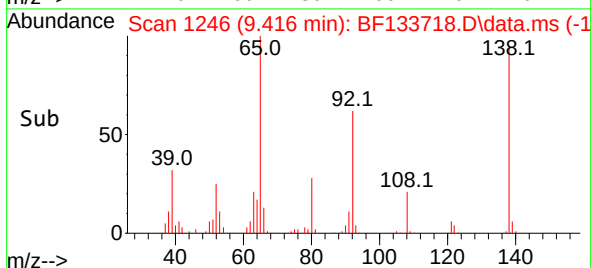
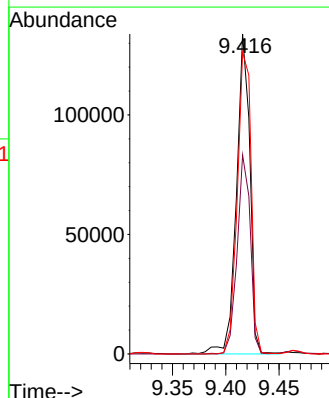
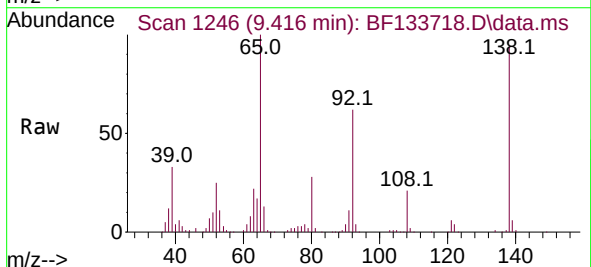
Tgt Ion: 65 Resp: 117774

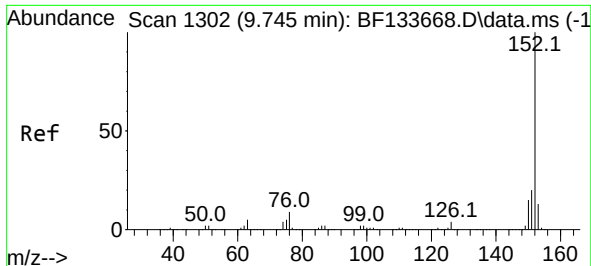
Ion Ratio Lower Upper

65 100

92 62.2 51.8 77.6

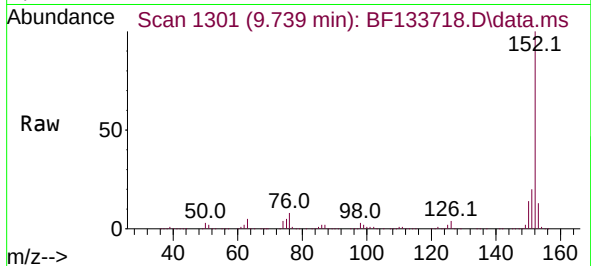
138 94.3 82.1 123.1





#49
Acenaphthylene
Concen: 43.523 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

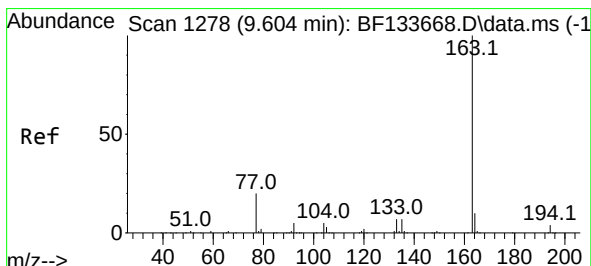
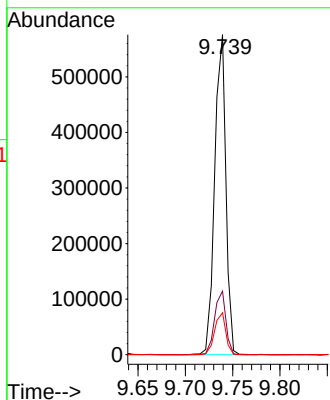
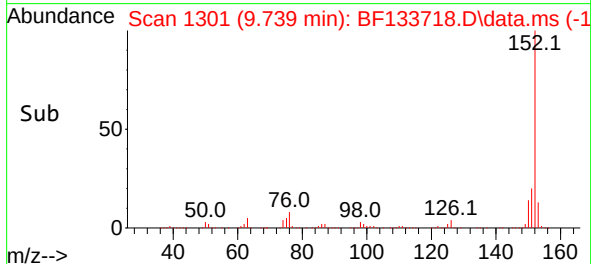
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



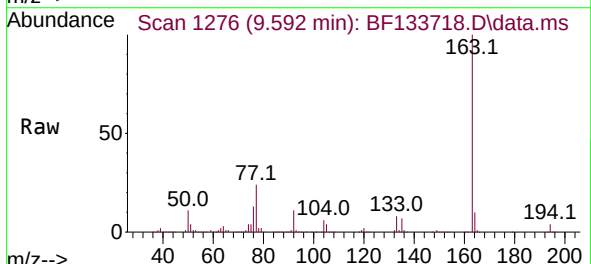
Tgt Ion:152 Resp: 47082
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.1 10.4 15.6

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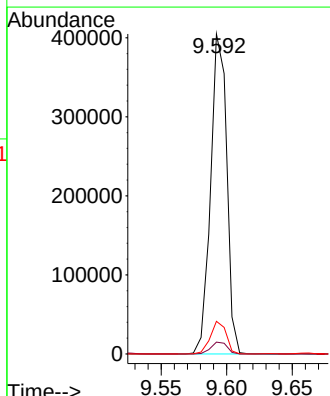
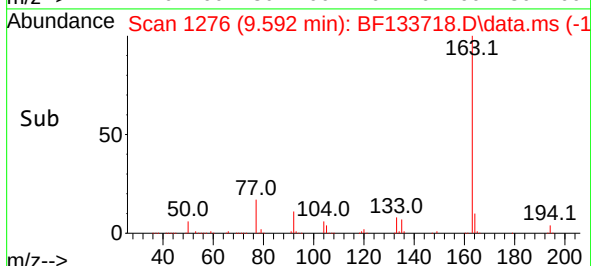
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

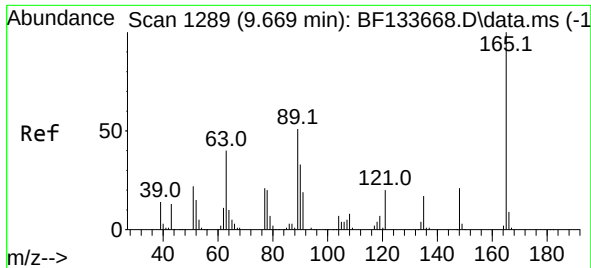


#50
Dimethylphthalate
Concen: 43.245 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



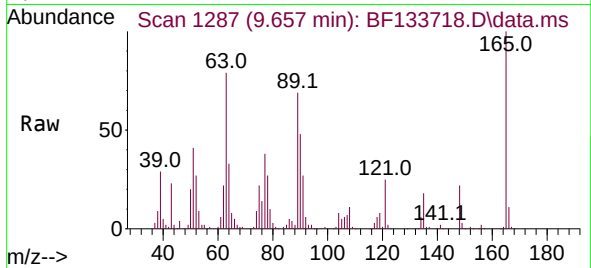
Tgt Ion:163 Resp: 346788
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 31.956 ng
RT: 9.657 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

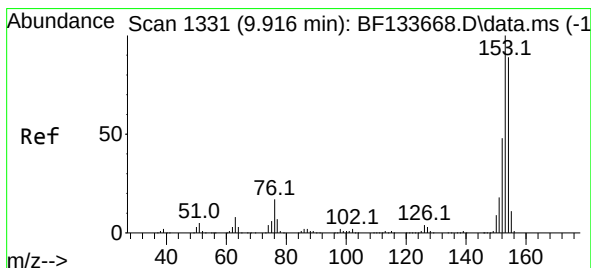
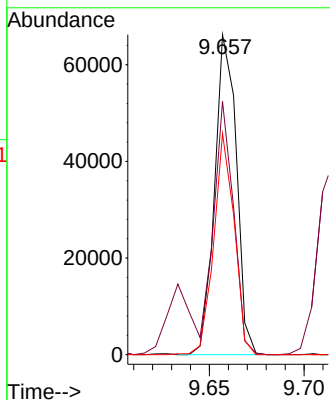
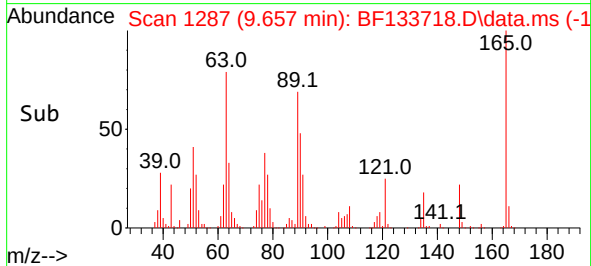
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:165 Resp: 5289
Ion Ratio Lower Upper
165 100
63 79.1 42.1 63.1
89 69.1 40.9 61.3

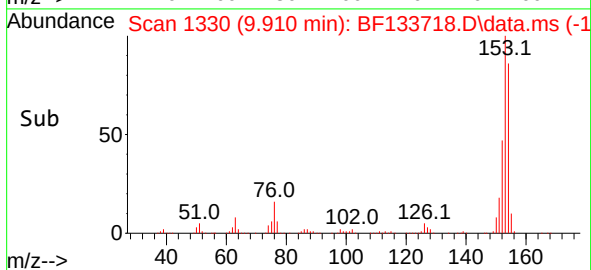
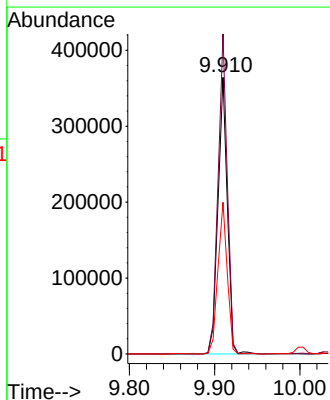
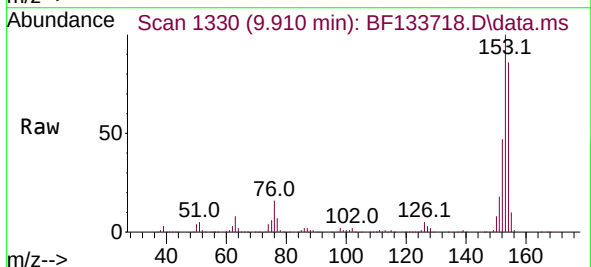
Manual Integrations
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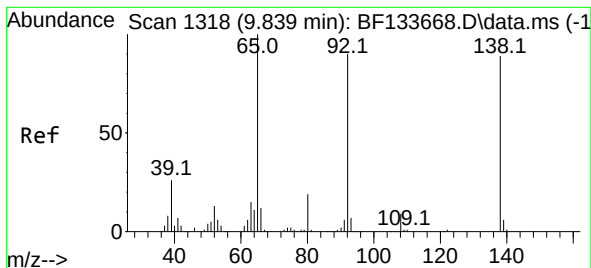
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#52
Acenaphthene
Concen: 43.982 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:154 Resp: 278498
Ion Ratio Lower Upper
154 100
153 115.7 89.8 134.8
152 54.8 43.4 65.2





#53

3-Nitroaniline

Concen: 46.465 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:138 Resp: 93594

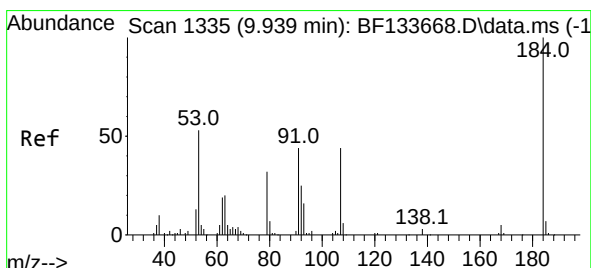
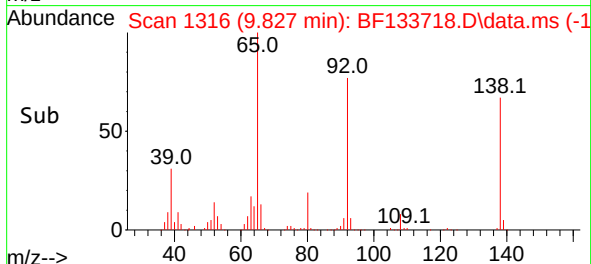
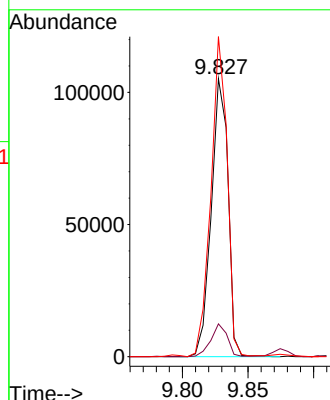
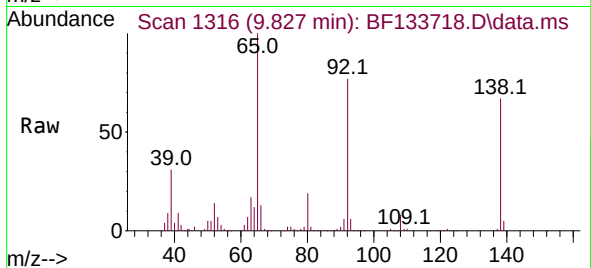
Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.2	12.4
92	115.2	81.0	121.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#54

2,4-Dinitrophenol

Concen: 9.018 ng

RT: 9.933 min Scan# 1334

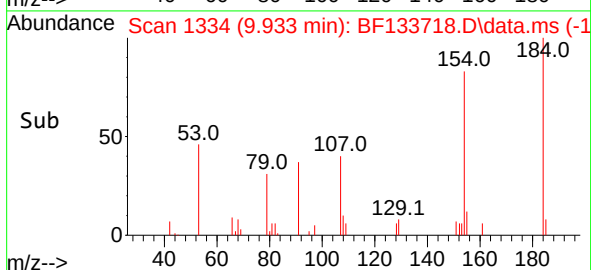
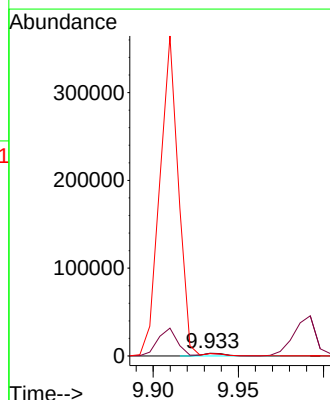
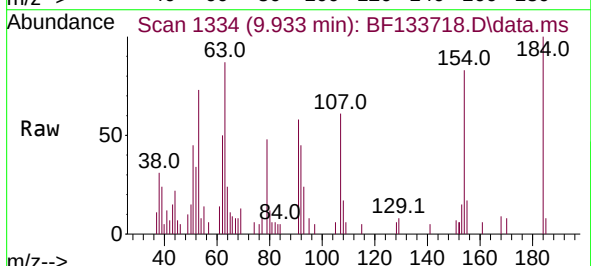
Delta R.T. -0.006 min

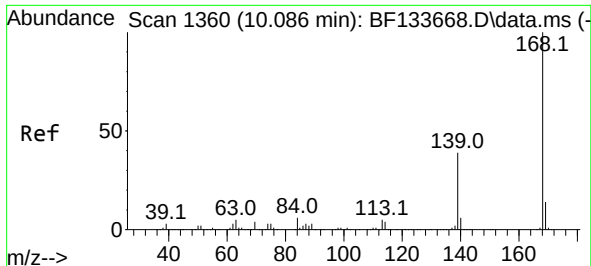
Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:184 Resp: 2876

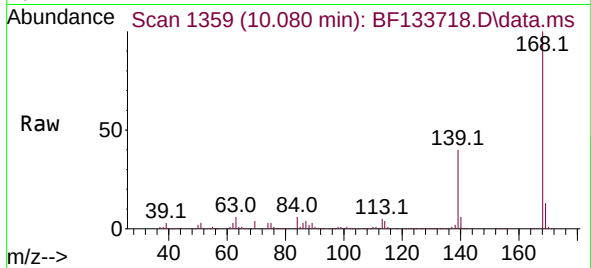
Ion	Ratio	Lower	Upper
184	100		
63	87.3	55.3	82.9#
154	83.5	51.9	77.9#





#55
Dibenzofuran
Concen: 44.027 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

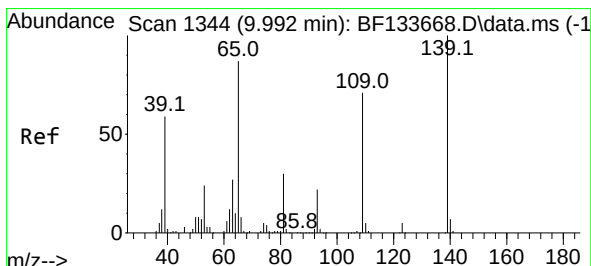
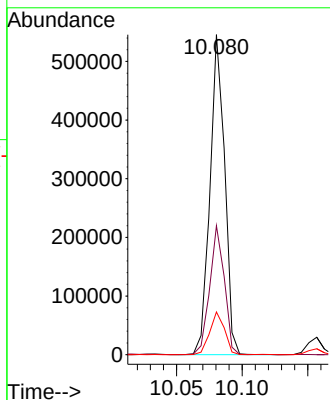
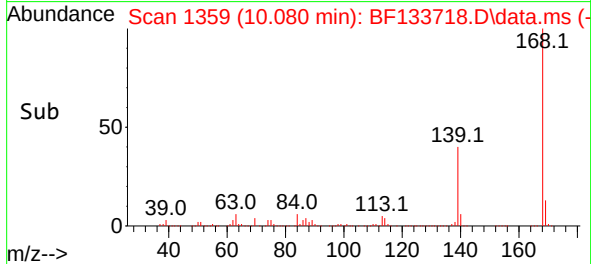
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:168 Resp: 42539
Ion Ratio Lower Upper
168 100
139 40.3 30.9 46.3
169 13.3 10.9 16.3

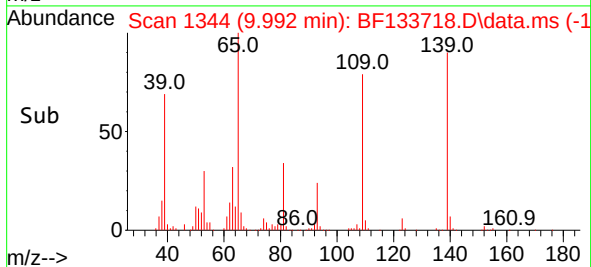
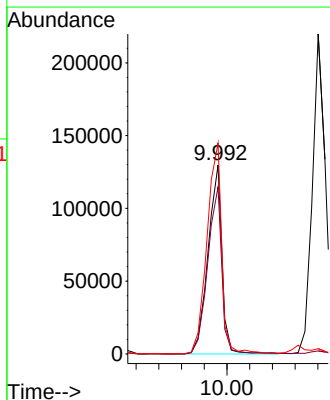
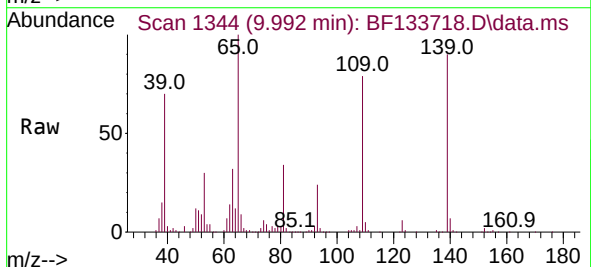
Manual Integrations
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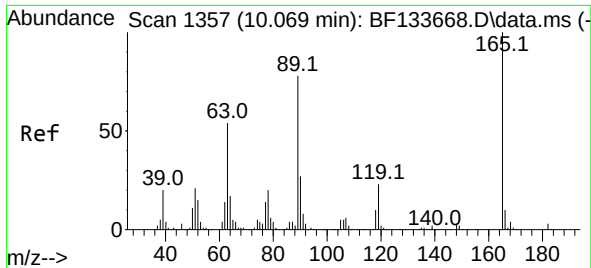
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#56
4-Nitrophenol
Concen: 81.302 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:139 Resp: 110523
Ion Ratio Lower Upper
139 100
109 88.4 50.7 90.7
65 111.6 67.1 107.1#





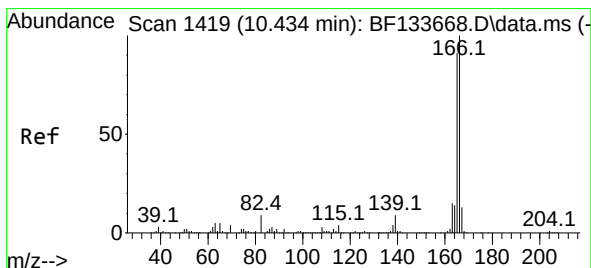
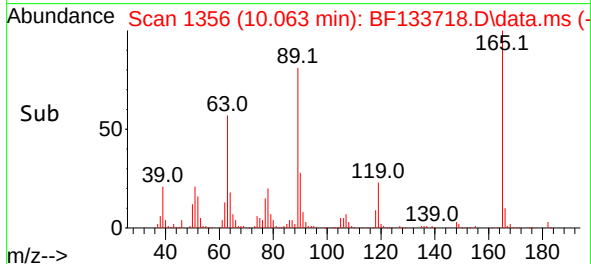
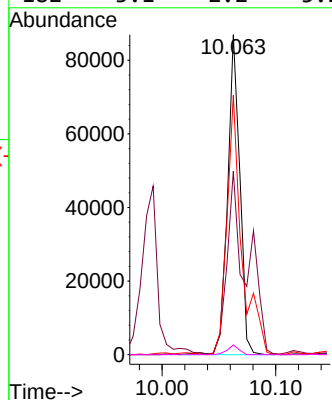
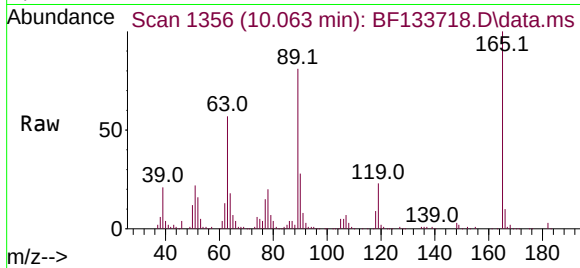
#57
2,4-Dinitrotoluene
Concen: 31.010 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS

Tgt Ion:165 Resp: 65280
Ion Ratio Lower Upper
165 100
63 57.3 43.0 64.6
89 81.0 62.6 93.8
182 3.1 2.2 3.2

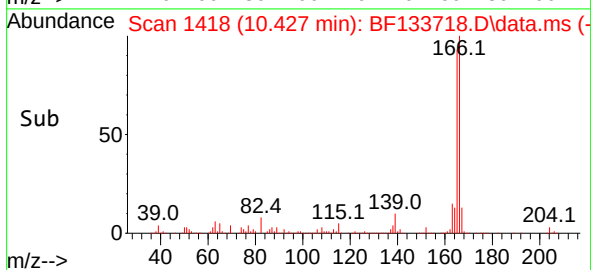
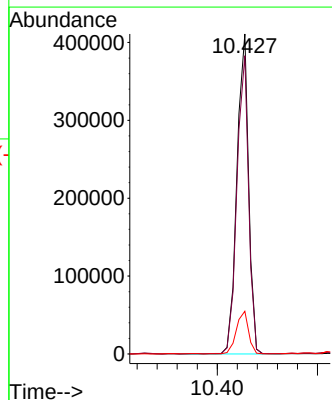
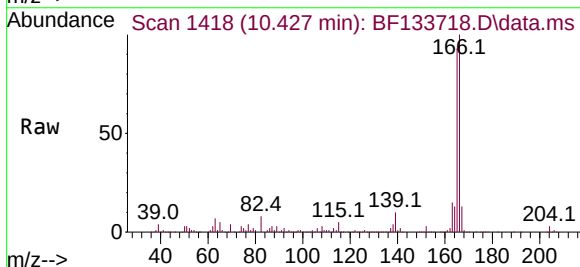
Manual Integrations
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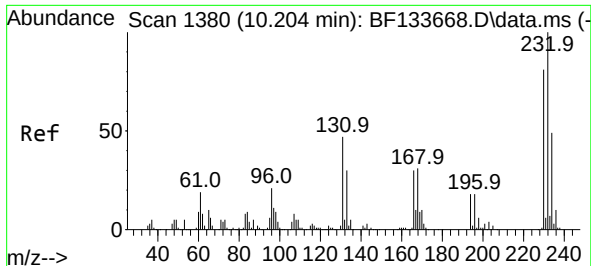
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#58
Fluorene
Concen: 45.053 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

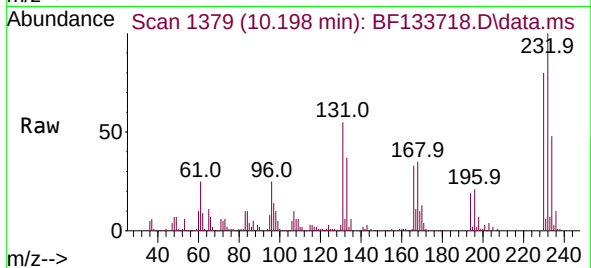
Tgt Ion:166 Resp: 332894
Ion Ratio Lower Upper
166 100
165 93.2 73.1 109.7
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.018 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

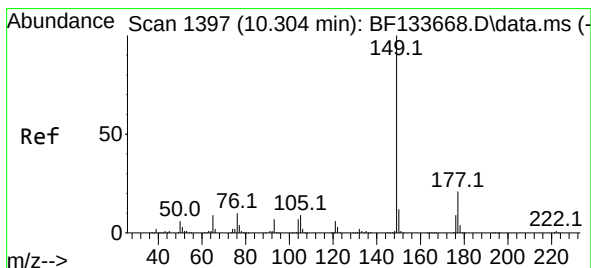
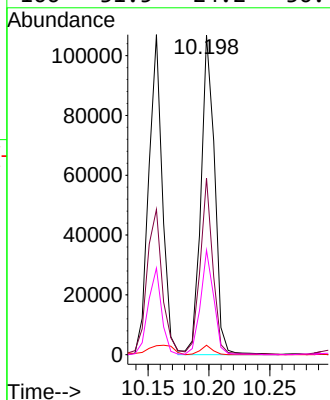
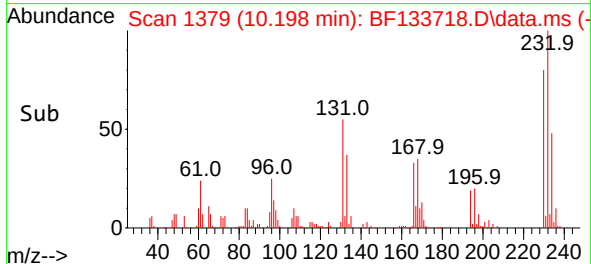
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:232 Resp: 83678
Ion Ratio Lower Upper
232 100
131 50.7 38.0 57.0
130 2.6 1.8 2.8
166 31.5 24.2 36.4

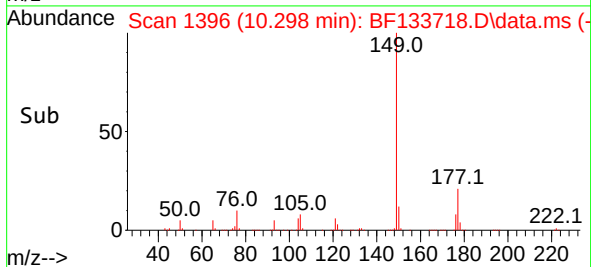
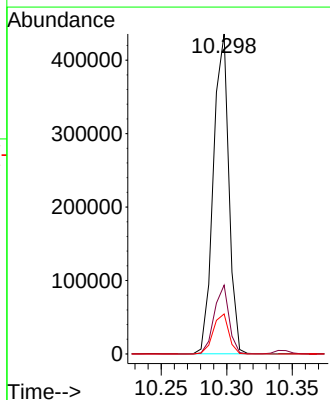
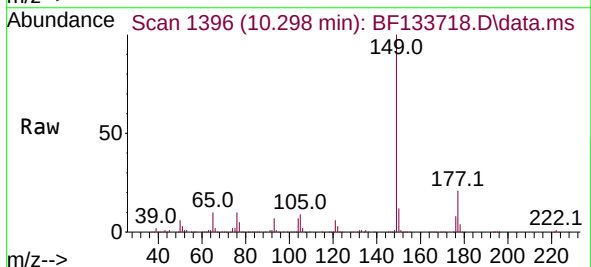
Manual Integrations
APPROVED

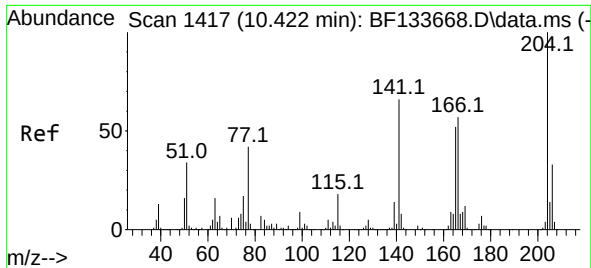
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#60
Diethylphthalate
Concen: 43.753 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

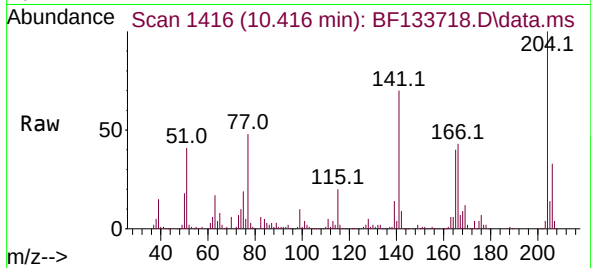
Tgt Ion:149 Resp: 357092
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.901 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

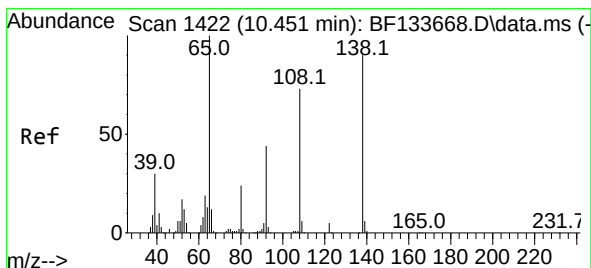
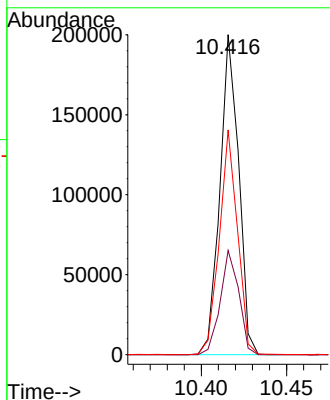
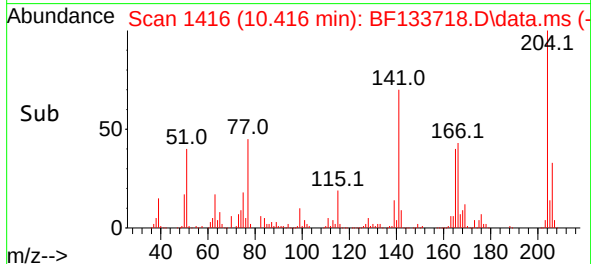
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:204 Resp: 152840
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 70.2 52.8 79.2

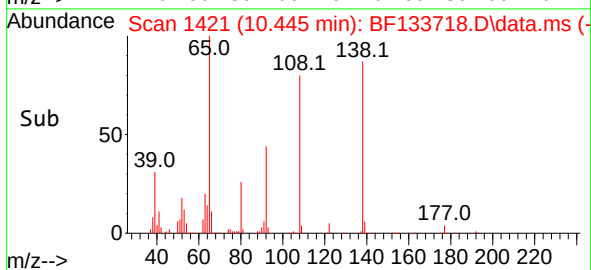
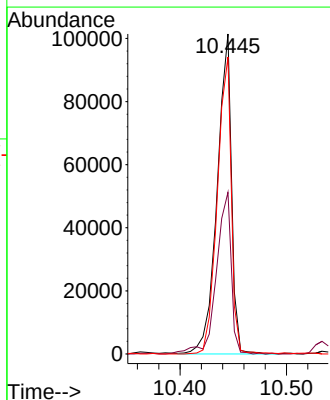
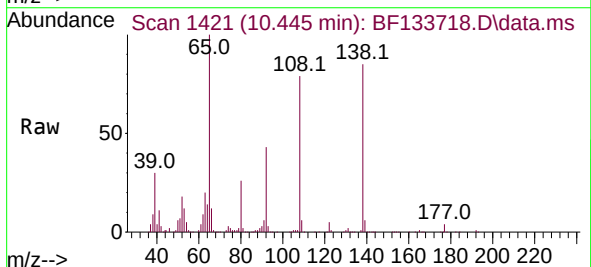
Manual Integrations
APPROVED

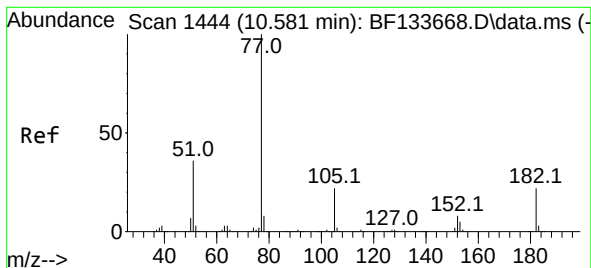
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#62
4-Nitroaniline
Concen: 48.271 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

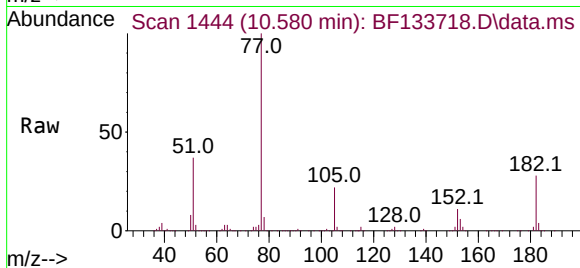
Tgt Ion:138 Resp: 95334
Ion Ratio Lower Upper
138 100
92 50.5 28.9 68.9
108 92.8 61.0 101.0





#63
Azobenzene
Concen: 42.519 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

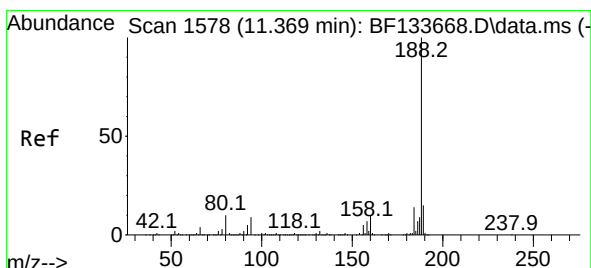
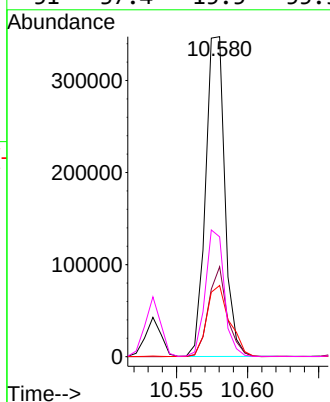
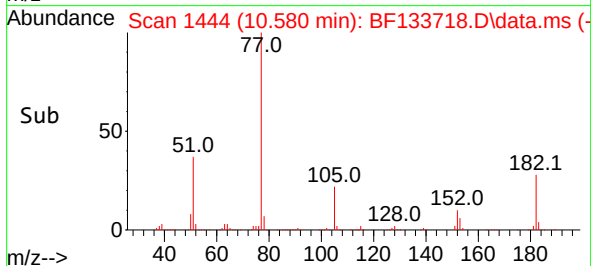
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



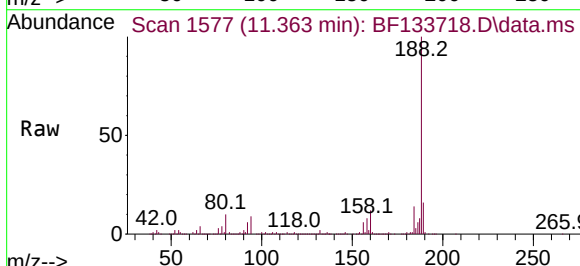
Tgt Ion: 77 Resp: 328510
Ion Ratio Lower Upper
77 100
182 28.1 1.6 41.6
105 22.2 1.6 41.6
51 37.4 15.5 55.5

Manual Integrations
APPROVED

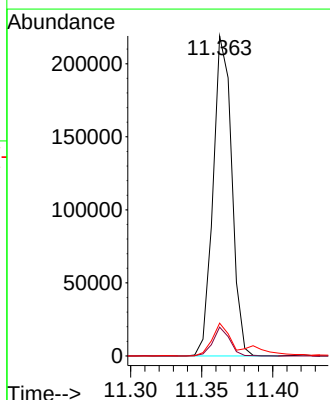
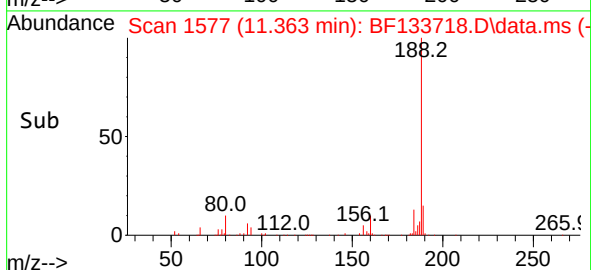
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

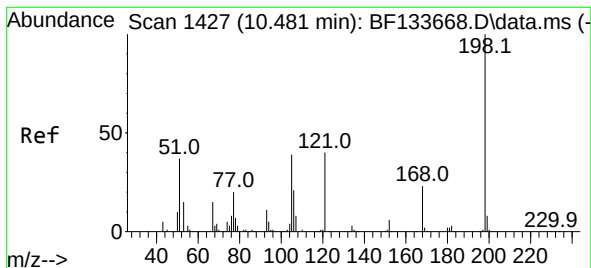


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



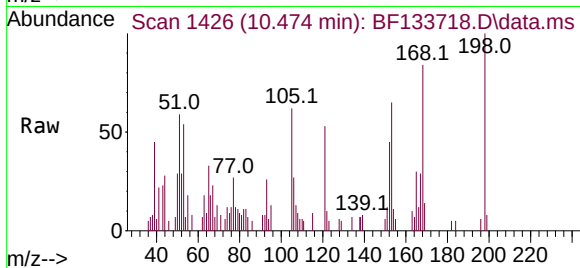
Tgt Ion:188 Resp: 199850
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 10.2 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 2.895 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

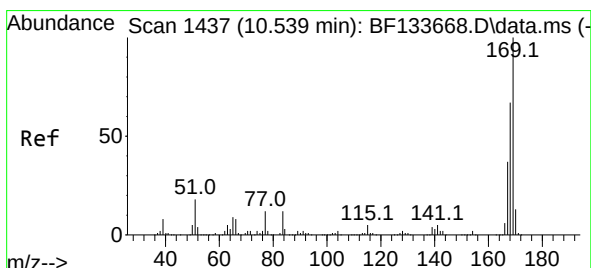
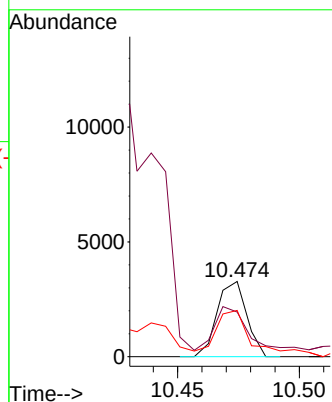
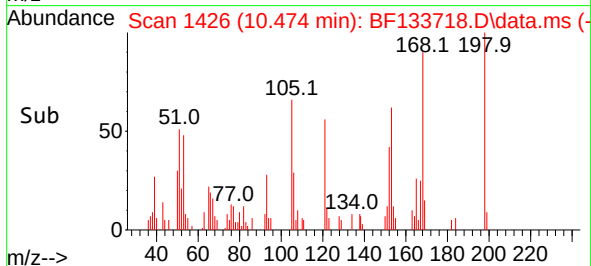
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



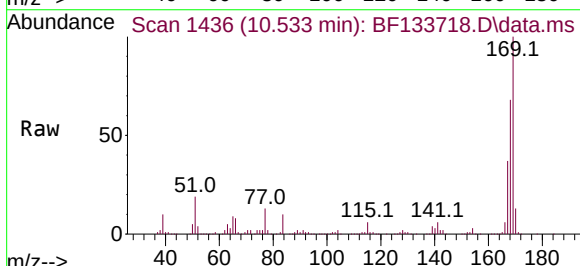
Tgt Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 59.3 27.5 67.5
105 61.6 21.0 61.0

Manual Integrations
APPROVED

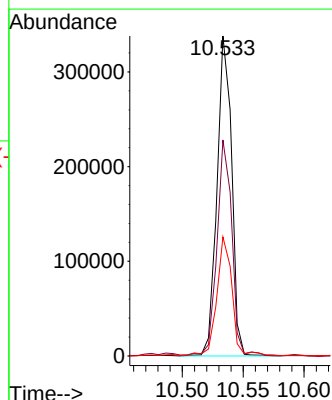
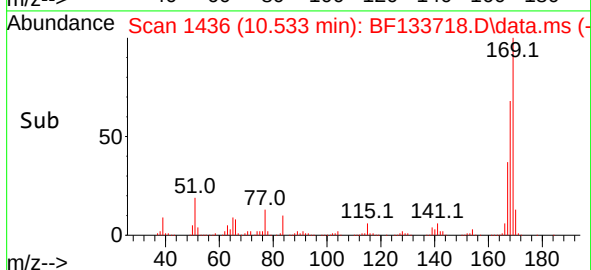
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

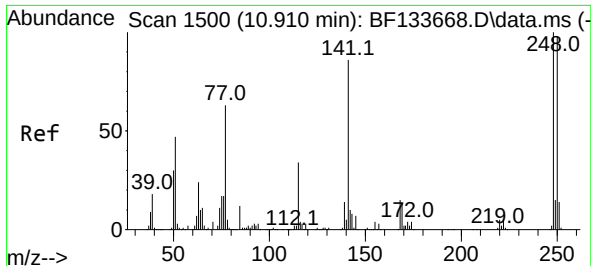


#66
n-Nitrosodiphenylamine
Concen: 42.099 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



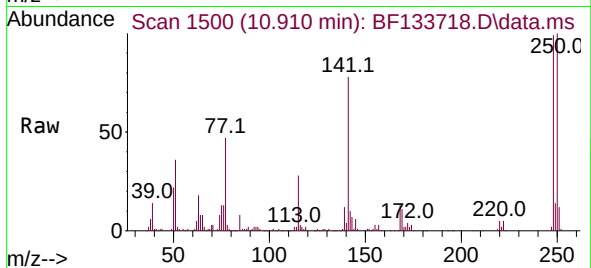
Tgt Ion:169 Resp: 282612
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 37.2 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 40.899 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

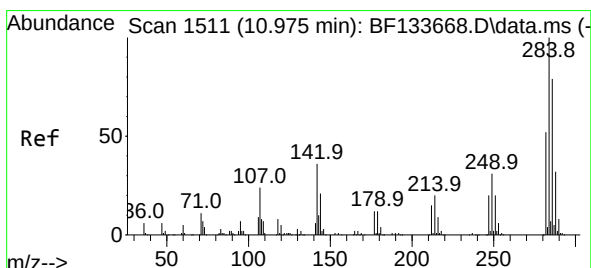
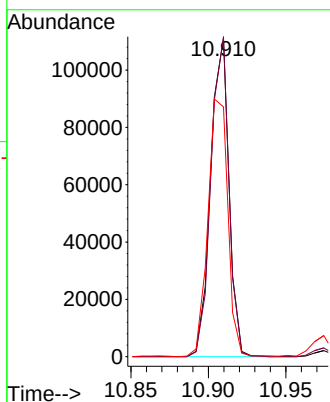
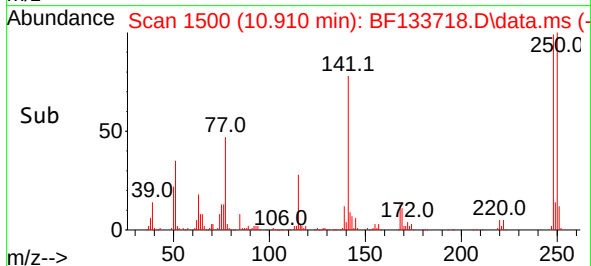
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:248 Resp: 91228
Ion Ratio Lower Upper
248 100
250 100.5 78.3 117.5
141 78.4 69.0 103.6

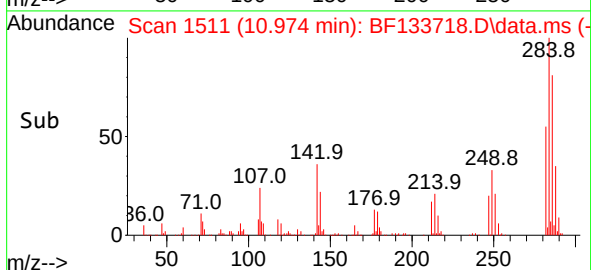
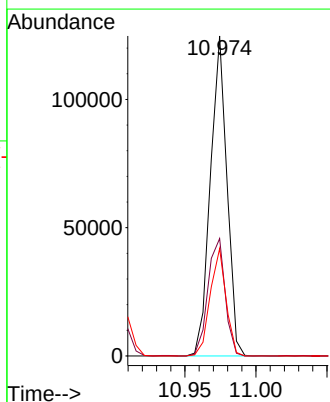
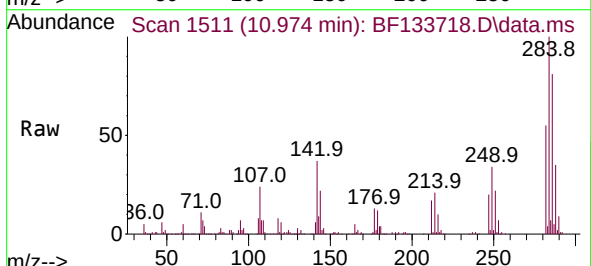
Manual Integrations
APPROVED

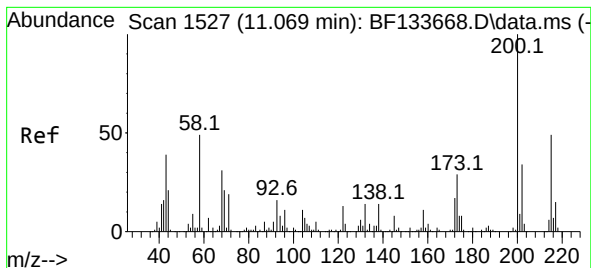
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#68
Hexachlorobenzene
Concen: 43.012 ng
RT: 10.974 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:284 Resp: 100890
Ion Ratio Lower Upper
284 100
142 36.7 28.6 42.8
249 33.5 24.6 36.8





#69

Atrazine

Concen: 44.840 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

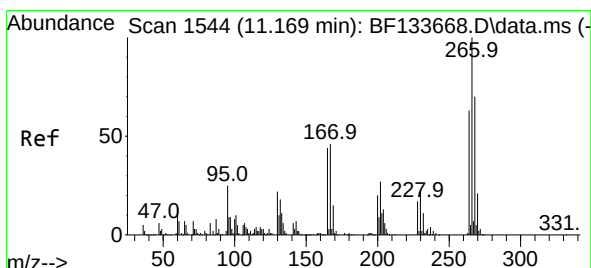
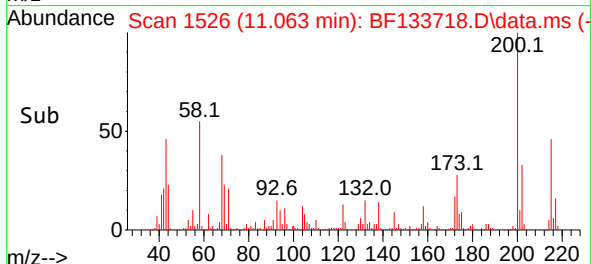
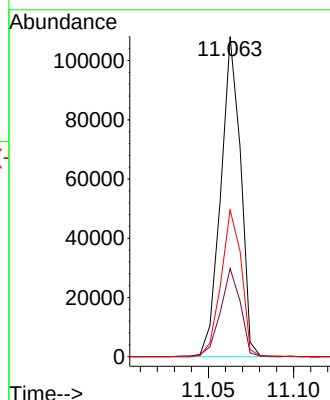
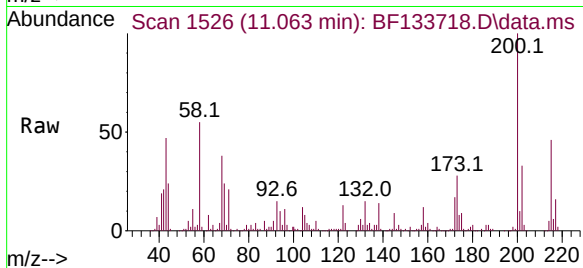
Tgt Ion:	200	Resp:	8733
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.7	48.7
215	45.9	29.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#70

Pentachlorophenol

Concen: 76.158 ng

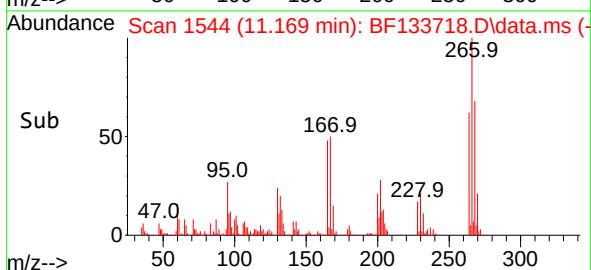
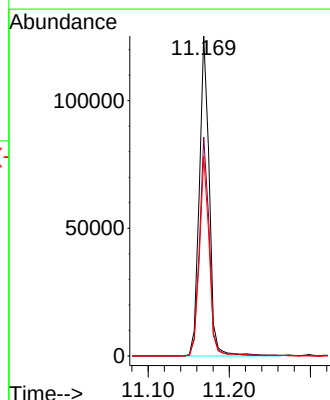
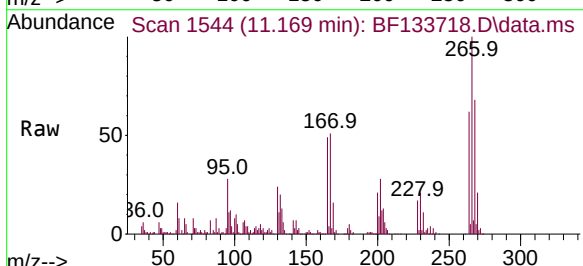
RT: 11.169 min Scan# 1544

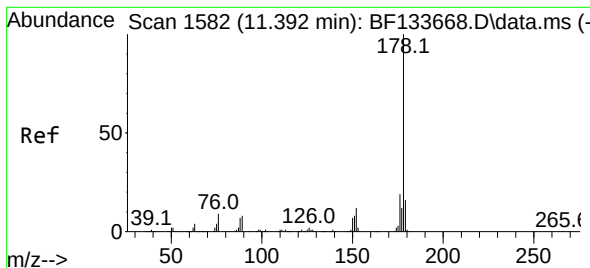
Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:	266	Resp:	106971
Ion Ratio	Lower	Upper	
266	100		
268	68.4	55.7	83.5
264	62.4	50.7	76.1





#71

Phenanthrene

Concen: 66.055 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:178 Resp: 669758

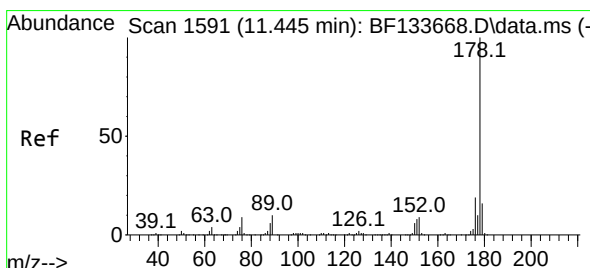
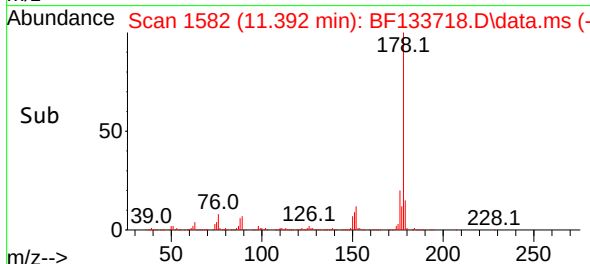
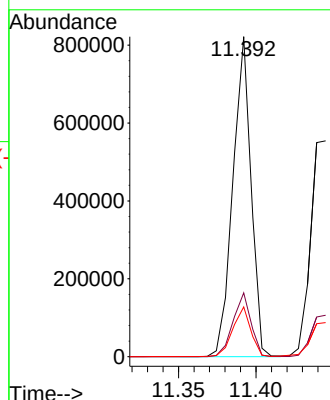
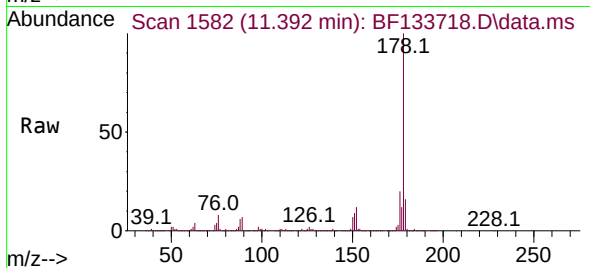
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.5	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#72

Anthracene

Concen: 48.124 ng

RT: 11.445 min Scan# 1591

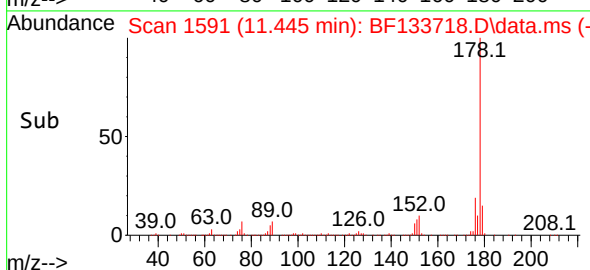
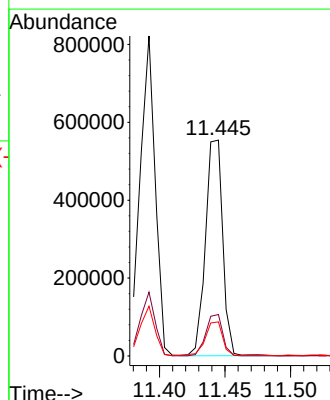
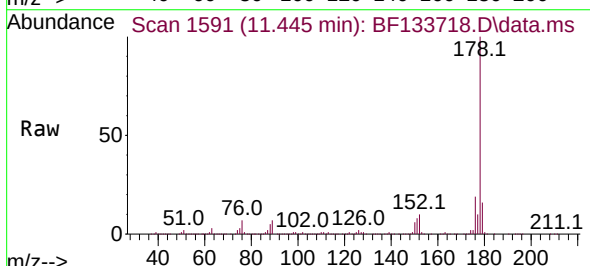
Delta R.T. -0.000 min

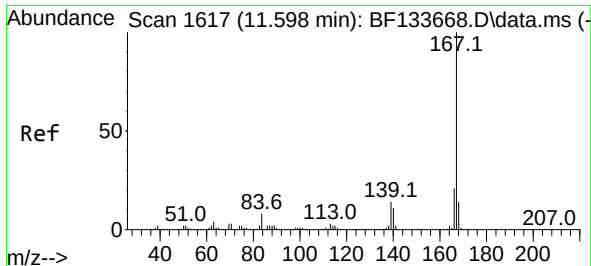
Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:178 Resp: 508781

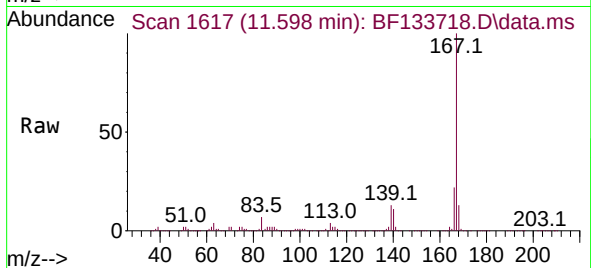
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.8	12.6	18.8





#73
 Carbazole
 Concen: 45.937 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF133718.D
 Acq: 12 Jun 2023 22:52

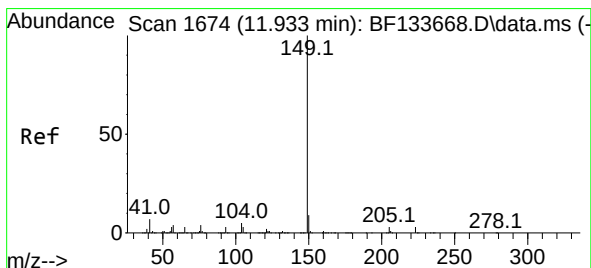
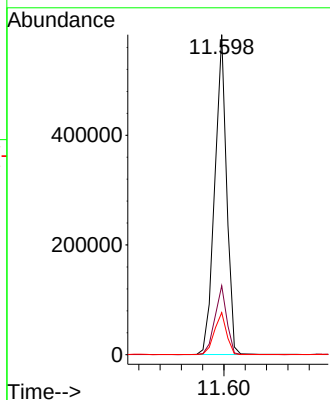
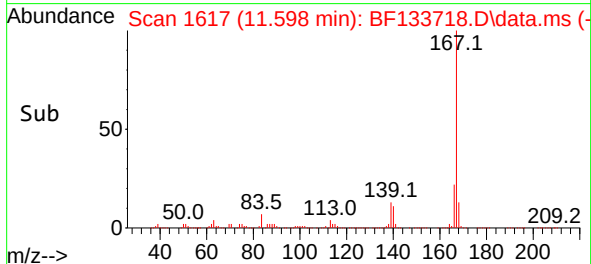
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-5-7.0MS



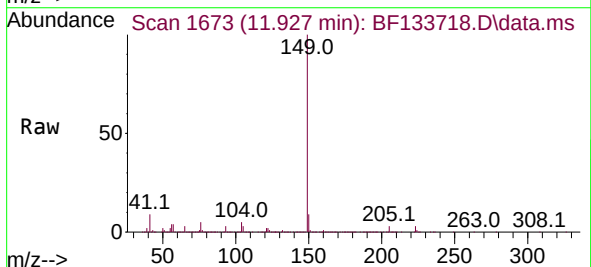
Tgt Ion:167 Resp: 45232
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.1 11.2 16.8

Manual Integrations
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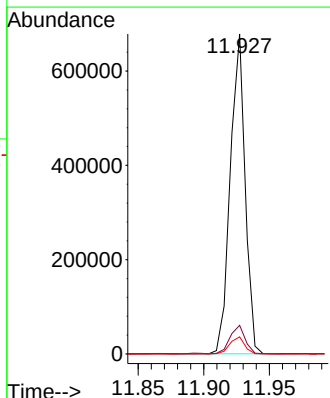
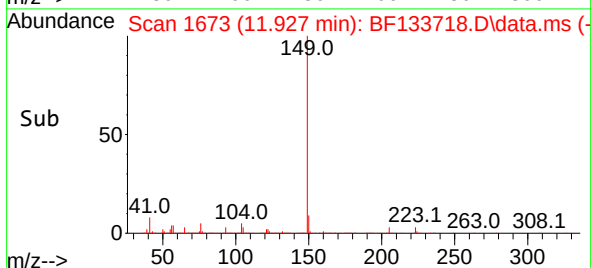
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

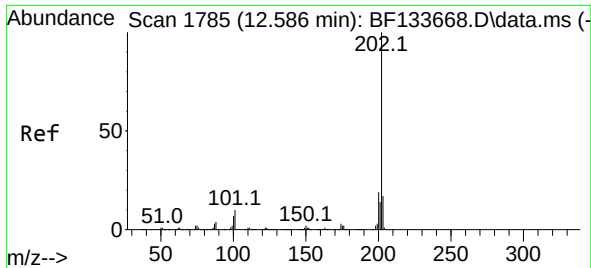


#74
 Di-n-butylphthalate
 Concen: 42.363 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133718.D
 Acq: 12 Jun 2023 22:52



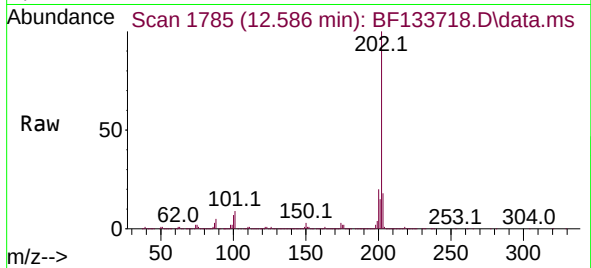
Tgt Ion:149 Resp: 534766
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 78.910 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

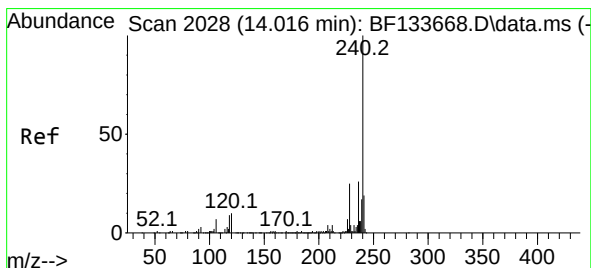
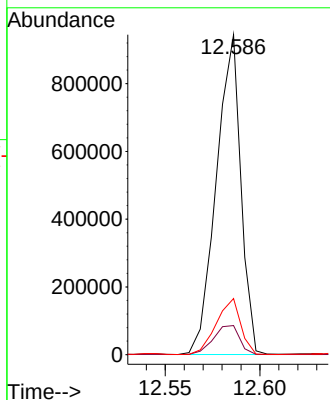
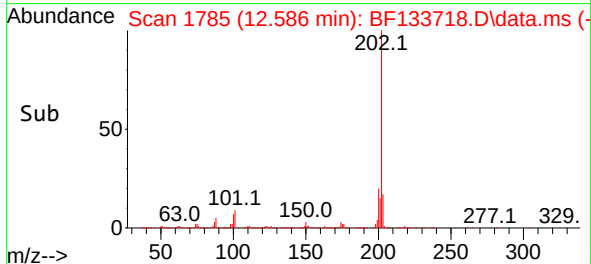
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



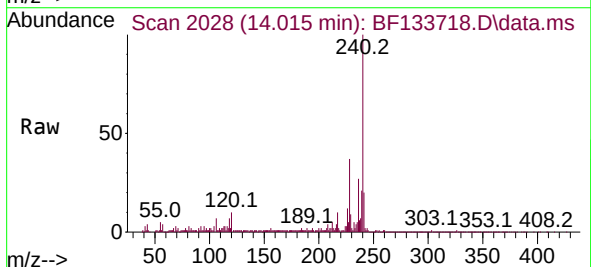
Tgt Ion:202 Resp: 84965
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.6
203 17.5 0.0 37.4

Manual Integrations
APPROVED

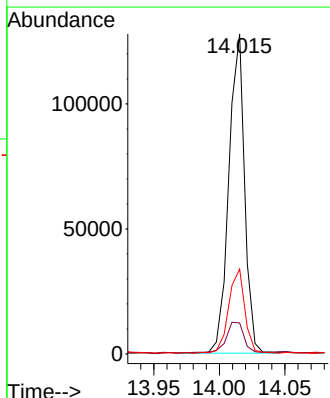
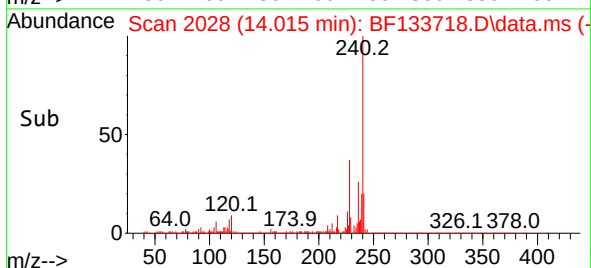
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

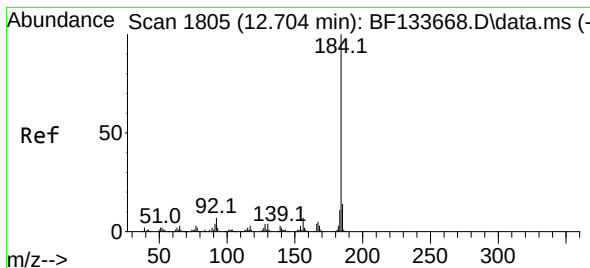


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



Tgt Ion:240 Resp: 106771
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.6 20.5 30.7





#77

Benzidine

Concen: 62.590 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF133718.D

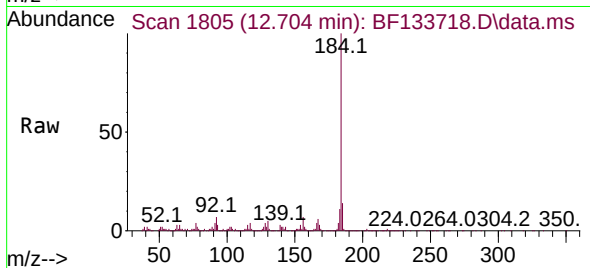
Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS



Tgt Ion:184 Resp: 22424

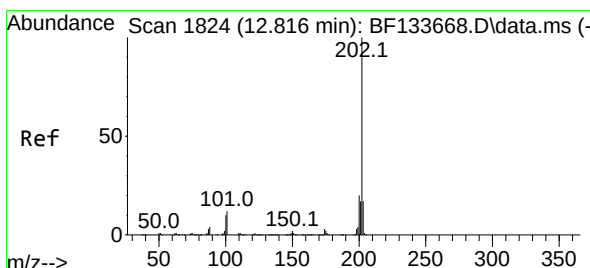
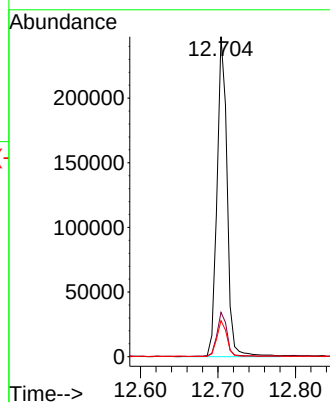
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.6	17.4
183	11.3	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#78

Pyrene

Concen: 85.249 ng

RT: 12.815 min Scan# 1824

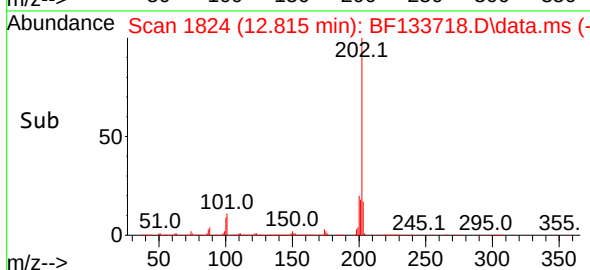
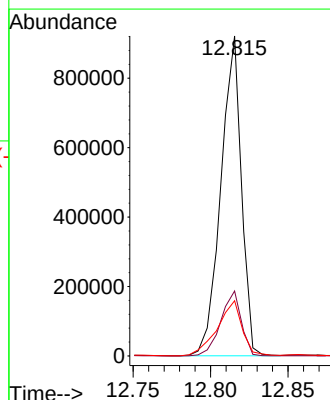
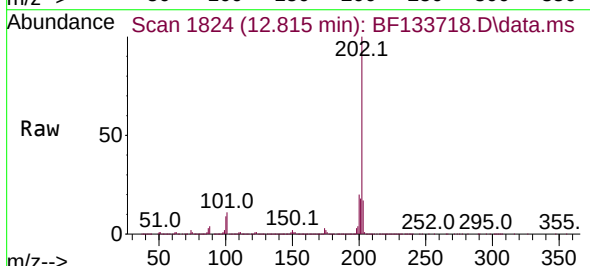
Delta R.T. 0.006 min

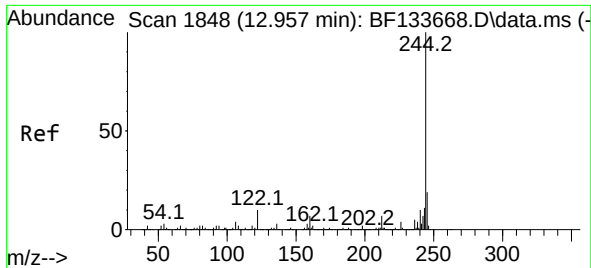
Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:202 Resp: 847893

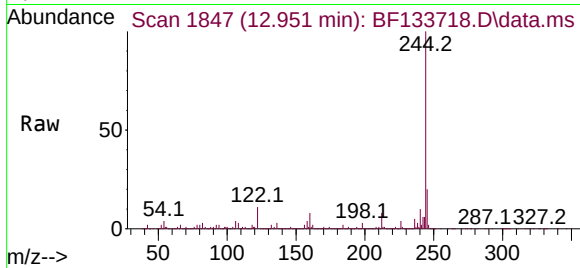
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.3	13.9	20.9





#79
Terphenyl-d14
Concen: 75.430 ng
RT: 12.951 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

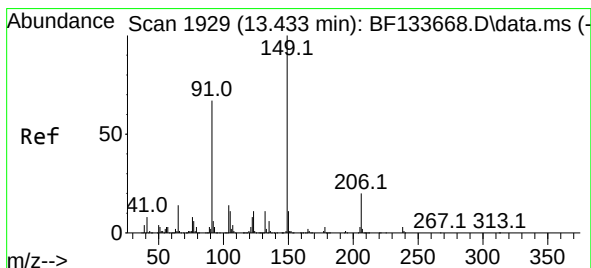
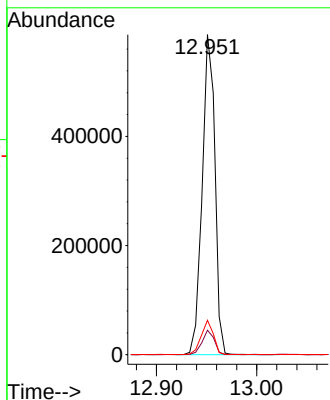
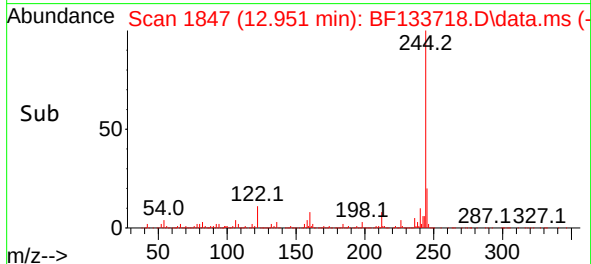
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:244 Resp: 520485
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 10.7 8.1 12.1

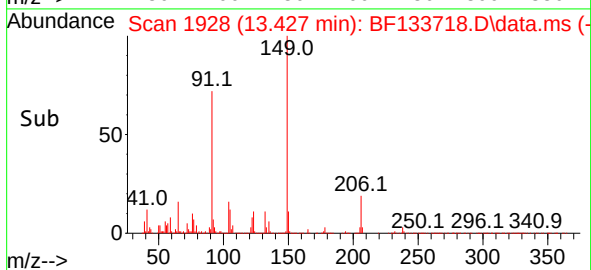
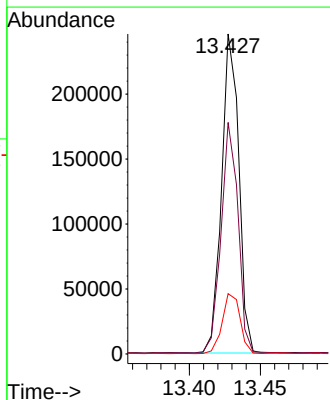
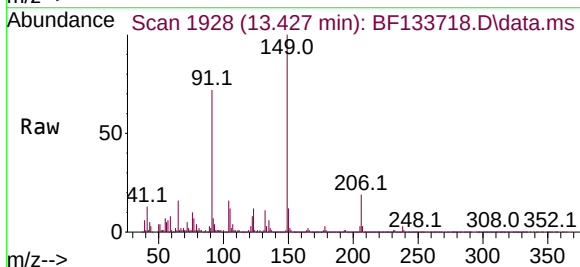
Manual Integrations
APPROVED

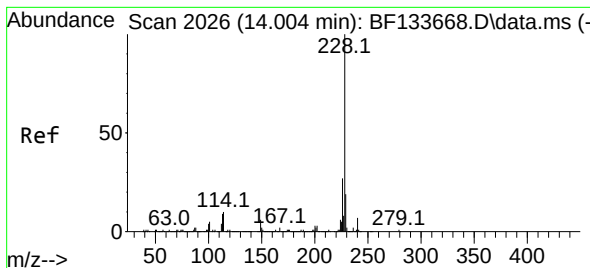
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#80
Butylbenzylphthalate
Concen: 49.206 ng
RT: 13.427 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:149 Resp: 206613
Ion Ratio Lower Upper
149 100
91 72.4 54.0 81.0
206 18.8 15.6 23.4





#81

Benzo(a)anthracene

Concen: 64.968 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:228 Resp: 479815

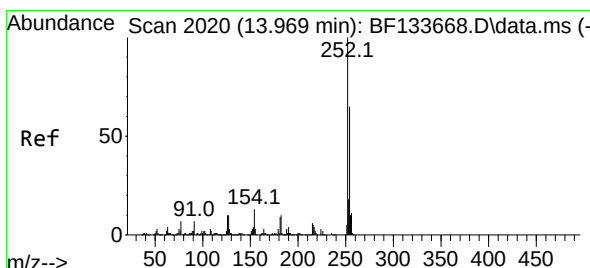
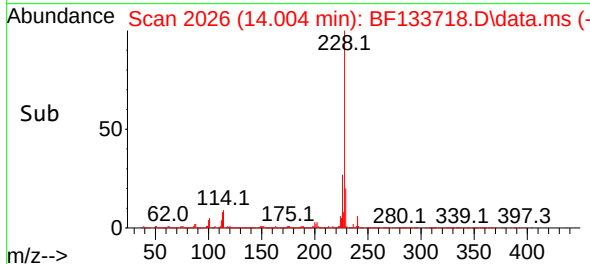
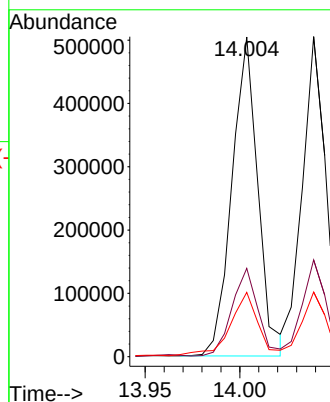
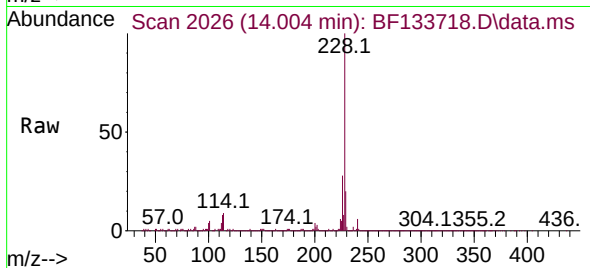
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#82

3,3'-Dichlorobenzidine

Concen: 44.885 ng

RT: 13.962 min Scan# 2019

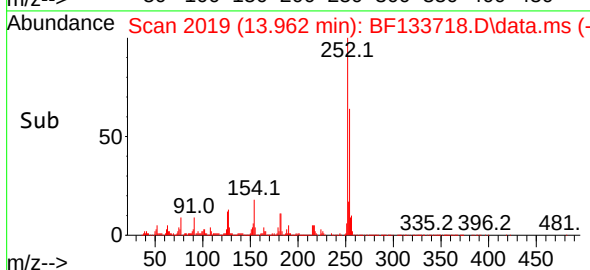
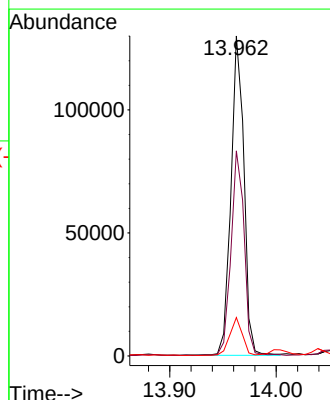
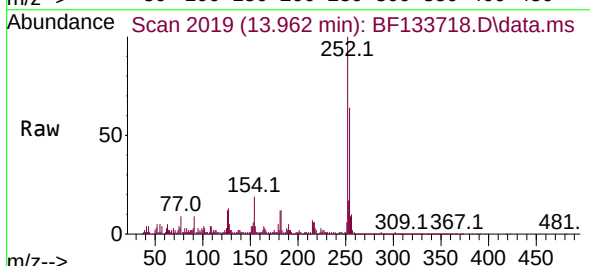
Delta R.T. -0.000 min

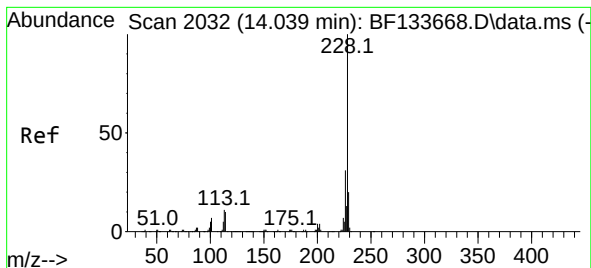
Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:252 Resp: 110208

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	12.0	7.7	11.5





#83

Chrysene

Concen: 61.080 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Instrument :

BNA_F

ClientSampleId :

SB-02-5-7.0MS

Tgt Ion:228 Resp: 42666

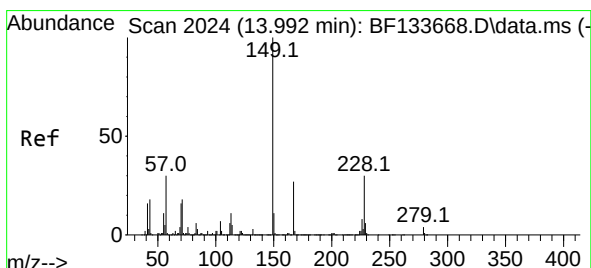
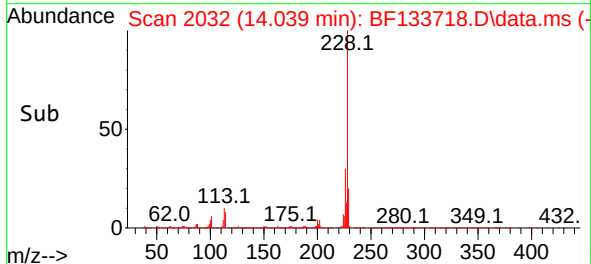
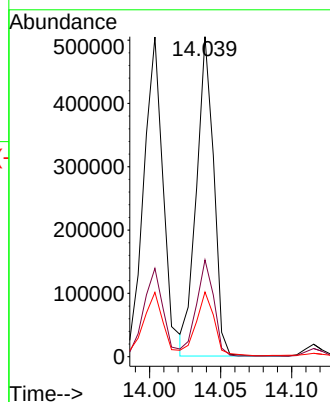
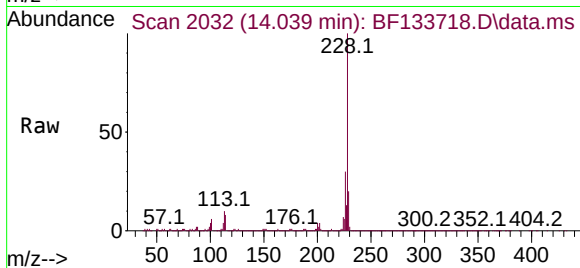
Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.2	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.669 ng

RT: 13.986 min Scan# 2023

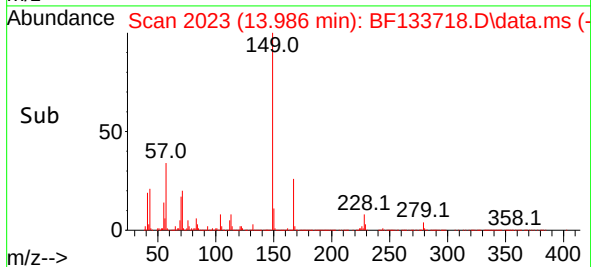
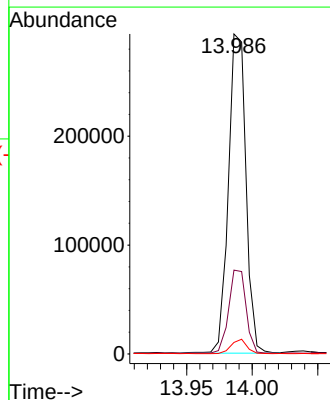
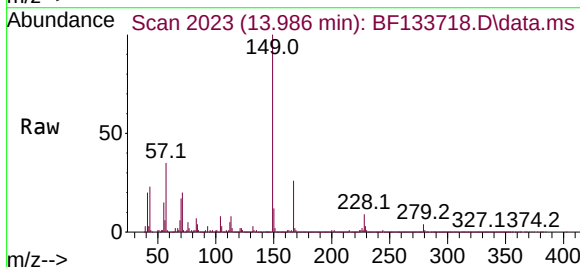
Delta R.T. -0.006 min

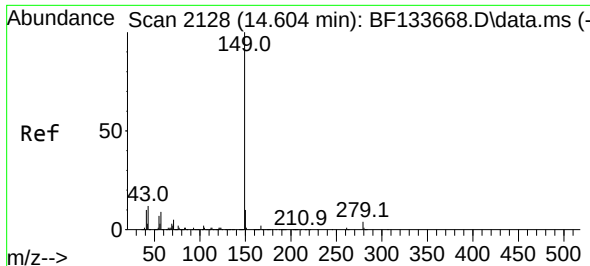
Lab File: BF133718.D

Acq: 12 Jun 2023 22:52

Tgt Ion:149 Resp: 272303

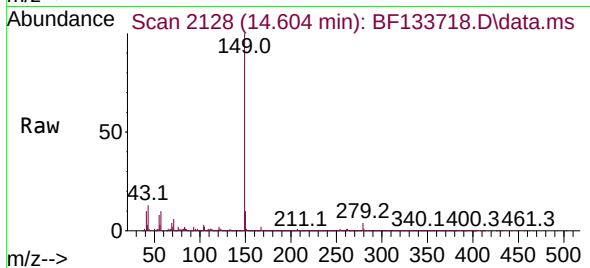
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.8
279	3.6	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 53.276 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

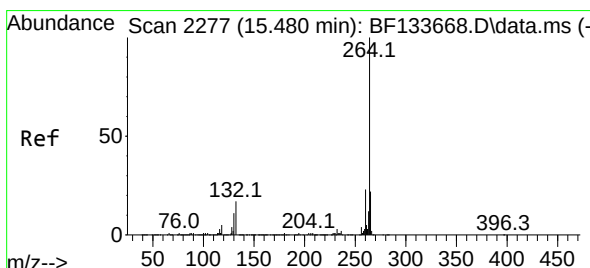
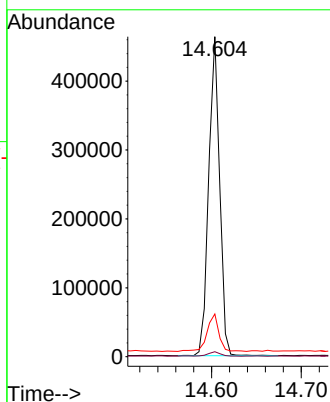
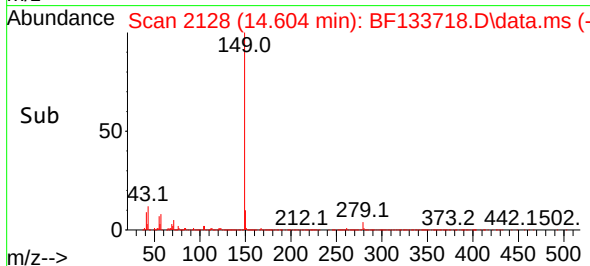
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



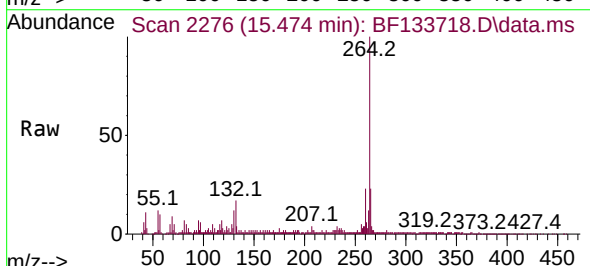
Tgt Ion:149 Resp: 391418
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.7 8.7 13.1

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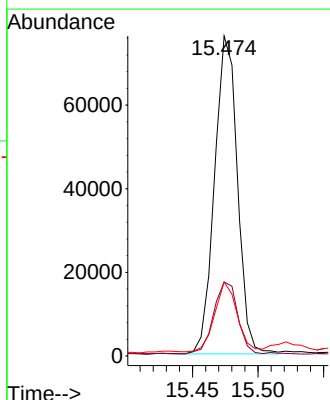
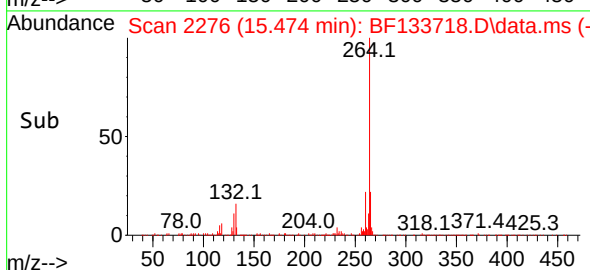
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

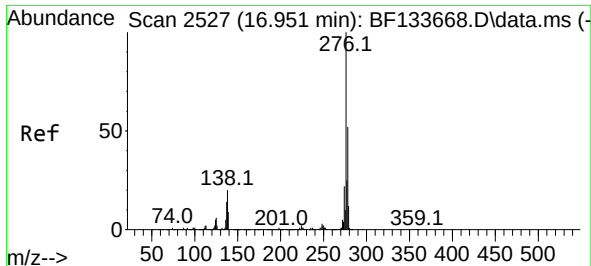


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52



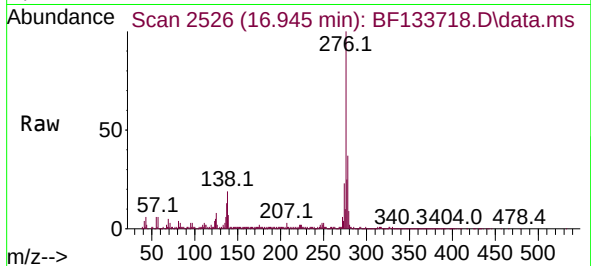
Tgt Ion:264 Resp: 92410
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.2
265 23.1 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.960 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

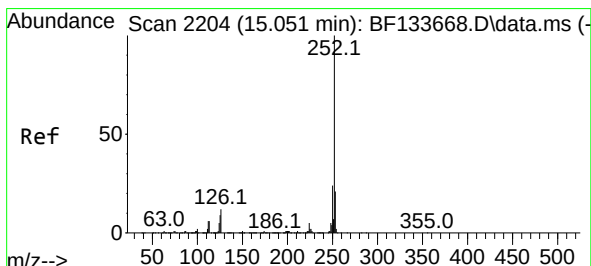
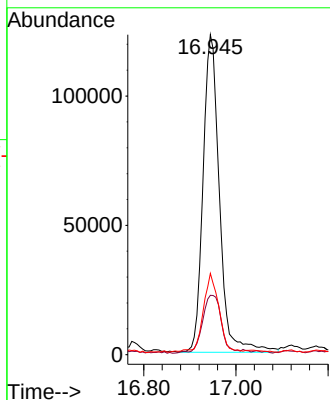
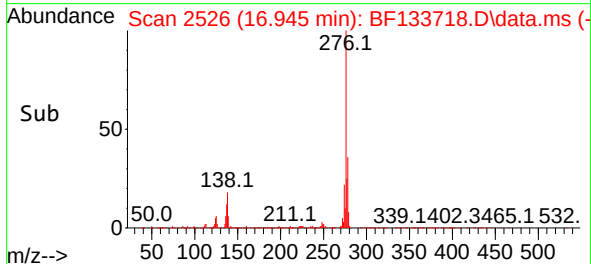
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:276 Resp: 304908
Ion Ratio Lower Upper
276 100
138 20.9 17.9 26.9
277 23.4 20.3 30.5

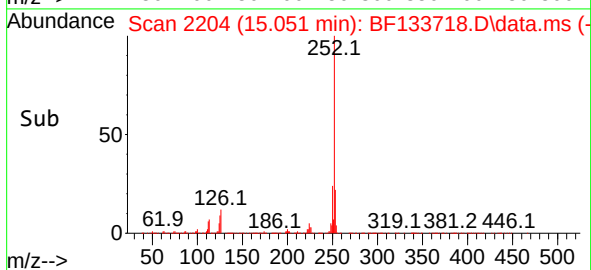
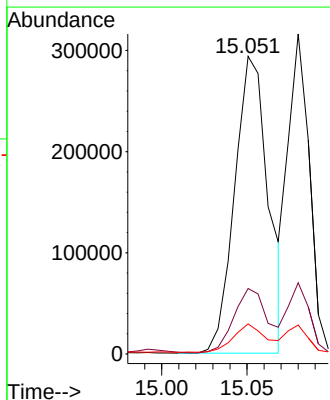
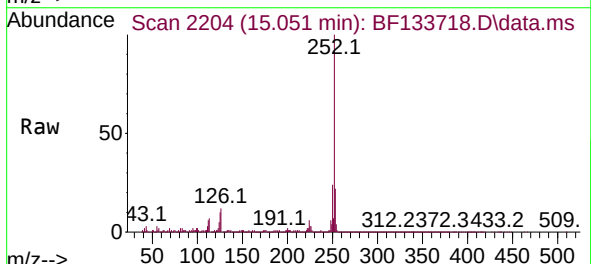
Manual Integrations
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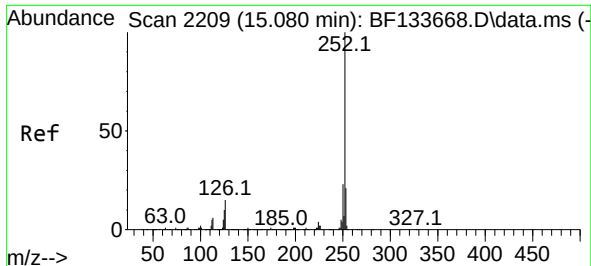
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#88
Benzo(b)fluoranthene
Concen: 72.013 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

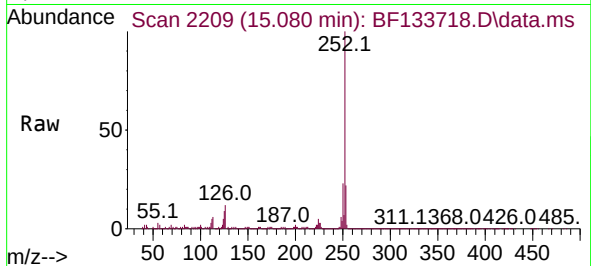
Tgt Ion:252 Resp: 404249
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.1 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 50.521 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

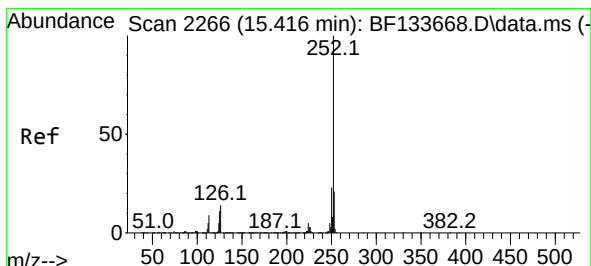
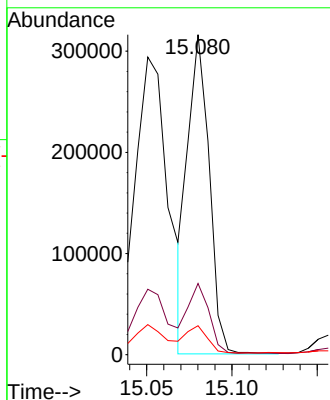
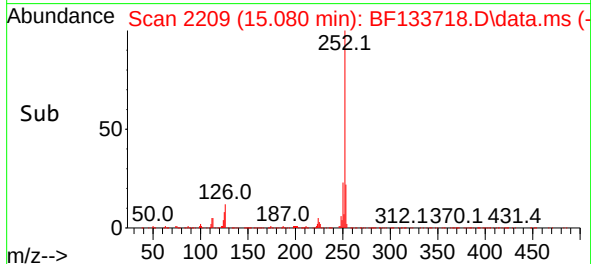
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:252 Resp: 27626
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.1 7.8 11.6

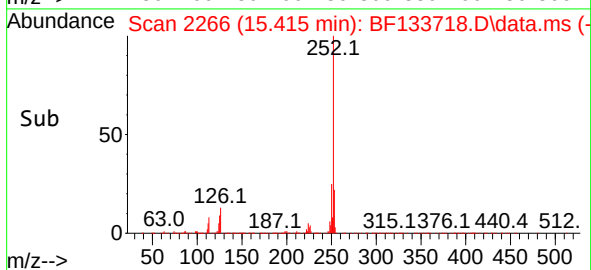
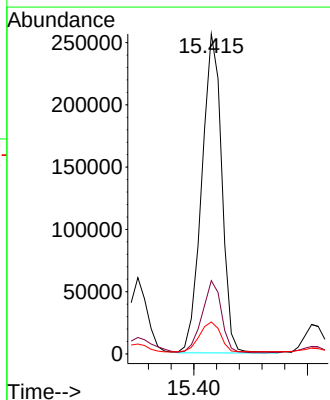
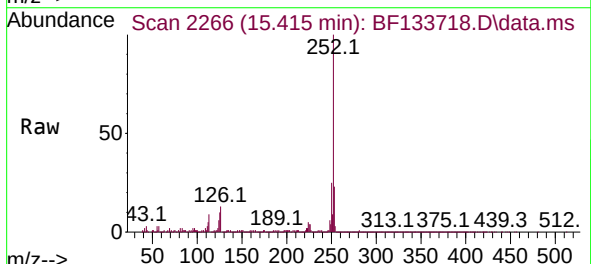
Manual Integrations
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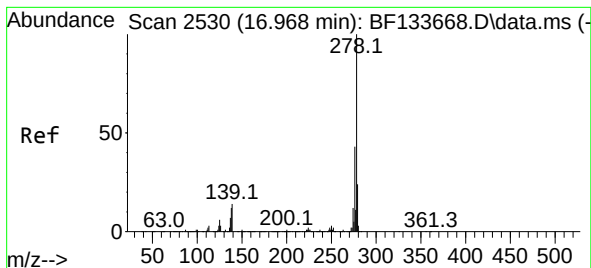
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#90
Benzo(a)pyrene
Concen: 60.033 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

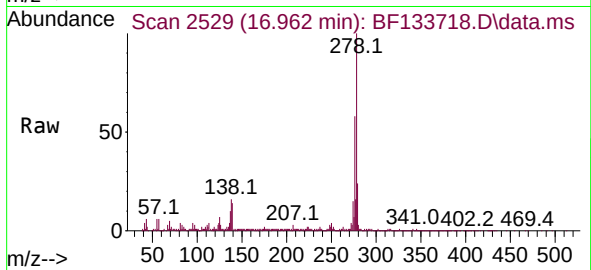
Tgt Ion:252 Resp: 312757
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 39.692 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

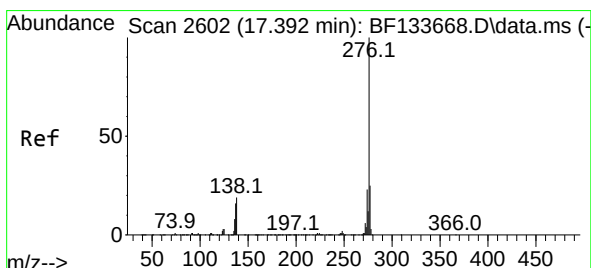
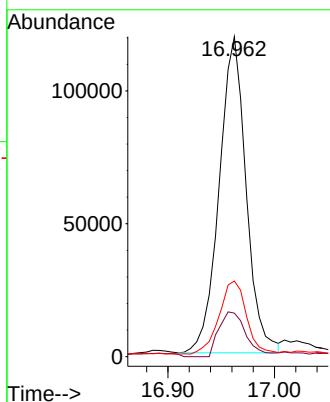
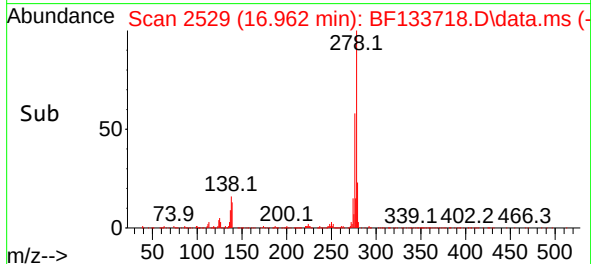
Instrument :
BNA_F
ClientSampleId :
SB-02-5-7.0MS



Tgt Ion:278 Resp: 208915
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#92
Benzo(g,h,i)perylene
Concen: 44.476 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.000 min
Lab File: BF133718.D
Acq: 12 Jun 2023 22:52

Tgt Ion:276 Resp: 232098
Ion Ratio Lower Upper
276 100
277 25.1 19.8 29.8
138 18.3 15.0 22.4

