

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133704.D
 Acq On : 12 Jun 2023 15:06
 Operator : CG\JU
 Sample : PB153327BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153327BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 15:32:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	100866	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	386131	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	196486	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	379736	20.000	ng	0.00
76) Chrysene-d12	14.015	240	192914	20.000	ng	0.00
86) Perylene-d12	15.474	264	182207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	681494	117.623	ng	0.00
7) Phenol-d6	6.475	99	812802	107.774	ng	0.00
23) Nitrobenzene-d5	7.404	82	572386	80.739	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	261912	105.306	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1063322	76.928	ng	0.00
79) Terphenyl-d14	12.957	244	1093292	87.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	74514	29.253	ng	# 91
3) Pyridine	3.369	79	210848	28.399	ng	93
4) n-Nitrosodimethylamine	3.322	42	176274	42.952	ng	89
6) Aniline	6.498	93	341089	35.908	ng	98
8) 2-Chlorophenol	6.616	128	257830	42.227	ng	96
9) Benzaldehyde	6.387	77	150654	30.109	ng	98
10) Phenol	6.487	94	320363	40.681	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	245237	41.947	ng	97
12) 1,3-Dichlorobenzene	6.775	146	280200	42.951	ng	96
13) 1,4-Dichlorobenzene	6.851	146	283901	43.056	ng	97
14) 1,2-Dichlorobenzene	7.004	146	273702	45.938	ng	100
15) Benzyl Alcohol	6.981	79	252826	42.922	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	445061	44.908	ng	98
17) 2-Methylphenol	7.092	107	215155	39.756	ng	99
18) Hexachloroethane	7.345	117	110356	48.888	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	201520	41.997	ng	91
20) 3+4-Methylphenols	7.245	107	271109	38.508	ng	# 86
22) Acetophenone	7.251	105	387088	43.708	ng	# 96
24) Nitrobenzene	7.422	77	294072	41.195	ng	94
25) Isophorone	7.657	82	532031	40.878	ng	99
26) 2-Nitrophenol	7.734	139	133426	41.648	ng	90
27) 2,4-Dimethylphenol	7.775	122	230196	41.688	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	299980	39.879	ng	99
29) 2,4-Dichlorophenol	7.975	162	219833	40.621	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	231365	40.976	ng	100
31) Naphthalene	8.145	128	747947	39.758	ng	99
32) Benzoic acid	7.904	122	156148	44.837	ng	95
33) 4-Chloroaniline	8.186	127	153157	19.040	ng	98
34) Hexachlorobutadiene	8.257	225	152876	41.353	ng	98
35) Caprolactam	8.569	113	70625m	38.783	ng	
36) 4-Chloro-3-methylphenol	8.675	107	251305	40.286	ng	100
37) 2-Methylnaphthalene	8.833	142	505489	38.673	ng	98
38) 1-Methylnaphthalene	8.933	142	472121	39.252	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	237264	39.721	ng	# 97
41) Hexachlorocyclopentadiene	8.986	237	331835	124.660	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	156989	39.330	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	171119	36.849	ng	97
46) 1,1'-Biphenyl	9.298	154	646693	40.809	ng	99
47) 2-Chloronaphthalene	9.328	162	466541	41.043	ng	98
48) 2-Nitroaniline	9.422	65	166088	39.951	ng	96
49) Acenaphthylene	9.739	152	775311	39.187	ng	100
50) Dimethylphthalate	9.604	163	560620	38.225	ng	100
51) 2,6-Dinitrotoluene	9.663	165	117613	38.852	ng	# 66
52) Acenaphthene	9.916	154	459910	39.714	ng	100
53) 3-Nitroaniline	9.833	138	94681	25.701	ng	87
54) 2,4-Dinitrophenol	9.945	184	134005	89.831	ng	86
55) Dibenzofuran	10.086	168	699178	39.567	ng	96
56) 4-Nitrophenol	9.998	139	208258	83.764	ng	# 72
57) 2,4-Dinitrotoluene	10.069	165	158405	41.144	ng	90
58) Fluorene	10.427	166	552471	40.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	143943	41.402	ng	94
60) Diethylphthalate	10.304	149	601558	40.301	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	259492	38.897	ng	92
62) 4-Nitroaniline	10.451	138	134313	37.185	ng	85
63) Azobenzene	10.580	77	579727	41.026	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	85101	46.899	ng	89
66) n-Nitrosodiphenylamine	10.539	169	485704	38.078	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	159627	37.663	ng	97
68) Hexachlorobenzene	10.975	284	176583	39.620	ng	96
69) Atrazine	11.069	200	161657	43.680	ng	96
70) Pentachlorophenol	11.169	266	193080	72.346	ng	98
71) Phenanthrene	11.392	178	768406	39.884	ng	98
72) Anthracene	11.445	178	785162	39.085	ng	100
73) Carbazole	11.598	167	726938	38.854	ng	99
74) Di-n-butylphthalate	11.927	149	899341	37.495	ng	99
75) Fluoranthene	12.580	202	791966	38.710	ng	99
77) Benzidine	12.704	184	352963	54.525	ng	99
78) Pyrene	12.810	202	796080	44.299	ng	99
80) Butylbenzylphthalate	13.433	149	297089	39.160	ng	99
81) Benzo(a)anthracene	14.004	228	549772	41.200	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	120707	27.209	ng	# 99
83) Chrysene	14.039	228	504128	39.944	ng	98
84) Bis(2-ethylhexyl)phtha...	13.992	149	356768	38.193	ng	98
85) Di-n-octyl phthalate	14.604	149	535746	40.359	ng	96
87) Indeno(1,2,3-cd)pyrene	16.945	276	599384	47.815	ng	100
88) Benzo(b)fluoranthene	15.051	252	459131	41.482	ng	98
89) Benzo(k)fluoranthene	15.080	252	441283	40.928	ng	98
90) Benzo(a)pyrene	15.415	252	410741	39.986	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	498038	47.990	ng	99
92) Benzo(g,h,i)perylene	17.398	276	495182	48.125	ng	96

(#) = 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. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

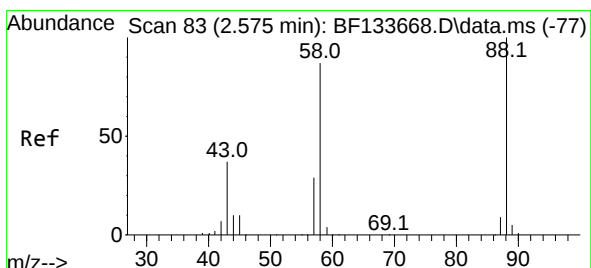
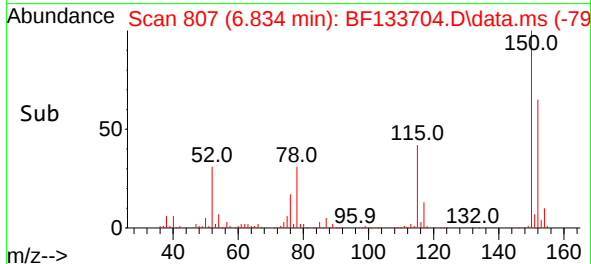
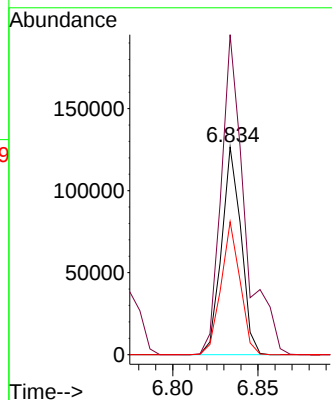
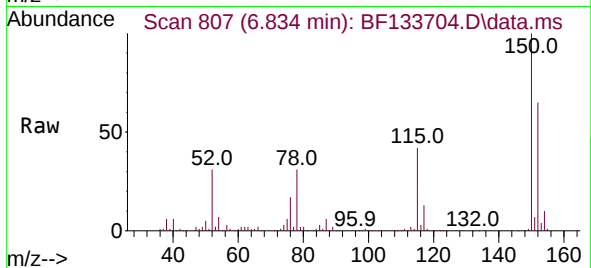
PB153327BS

Tgt Ion:152 Resp: 100860
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 64.1 48.5 72.7

Manual Integrations

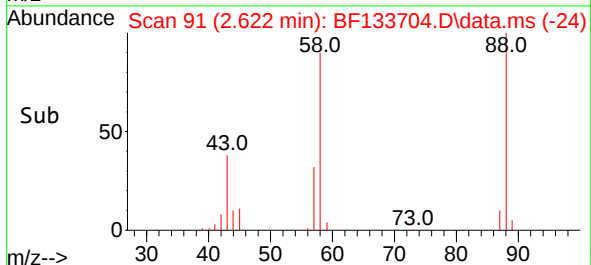
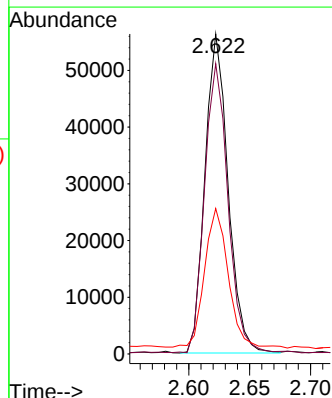
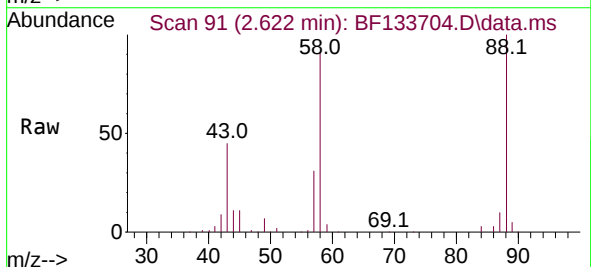
APPROVED

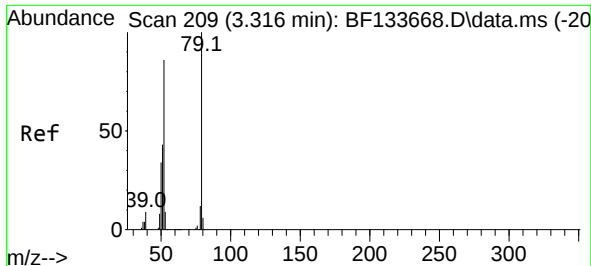
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#2
1,4-Dioxane
Concen: 29.253 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

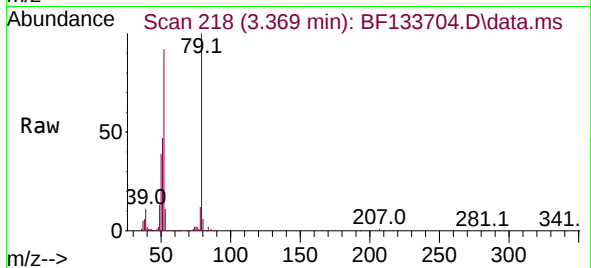
Tgt Ion: 88 Resp: 74514
Ion Ratio Lower Upper
88 100
58 91.7 67.8 101.6
43 44.9 29.8 44.6#





#3
Pyridine
Concen: 28.399 ng
RT: 3.369 min Scan# 210
Delta R.T. 0.053 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

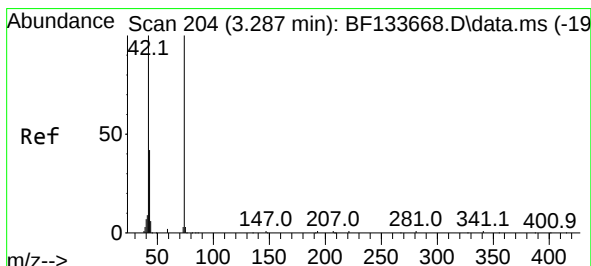
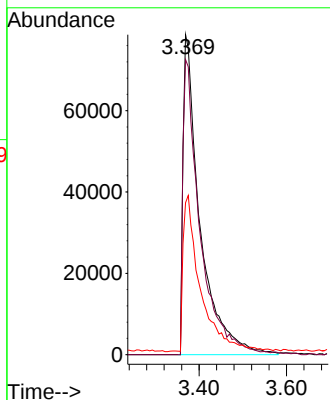
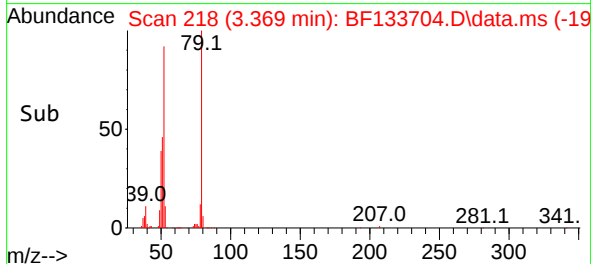
Instrument :
BNA_F
ClientSampleId :
PB153327BS



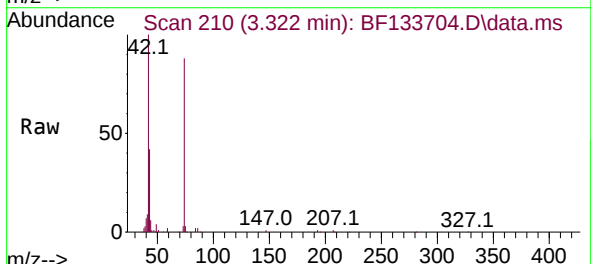
Tgt Ion: 79 Resp: 21084
Ion Ratio Lower Upper
79 100
52 92.2 68.6 102.8
51 47.5 34.8 52.2

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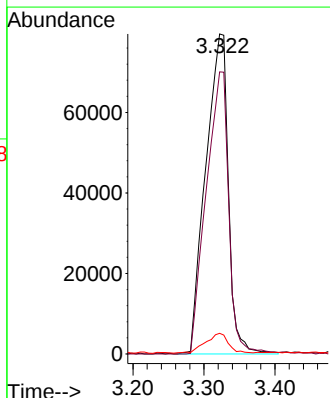
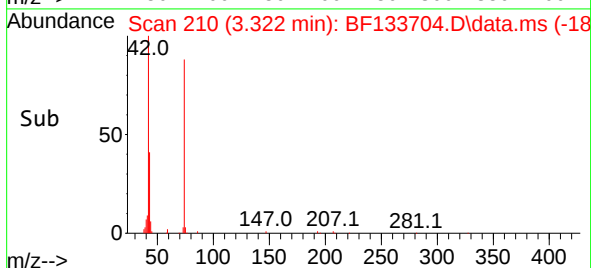
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

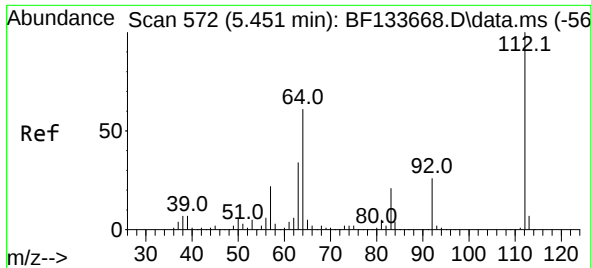


#4
n-Nitrosodimethylamine
Concen: 42.952 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.035 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion: 42 Resp: 176274
Ion Ratio Lower Upper
42 100
74 88.2 79.8 119.8
44 6.4 4.7 7.1





#5
2-Fluorophenol
Concen: 117.623 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

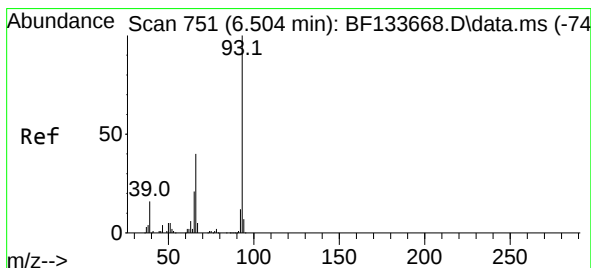
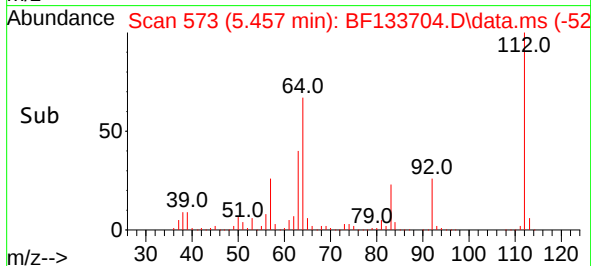
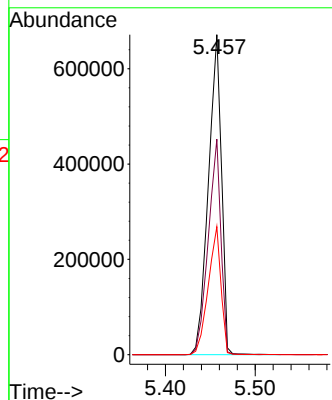
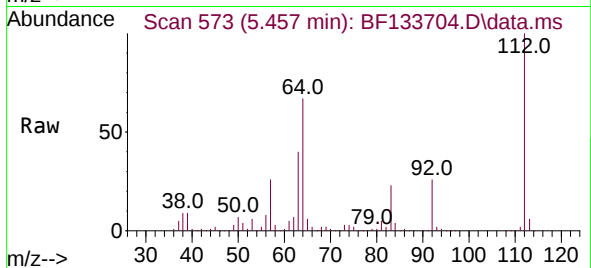
PB153327BS

Tgt Ion:112 Resp: 681494
Ion Ratio Lower Upper
112 100
64 67.3 49.0 73.4
63 40.0 26.8 40.2

Manual Integrations

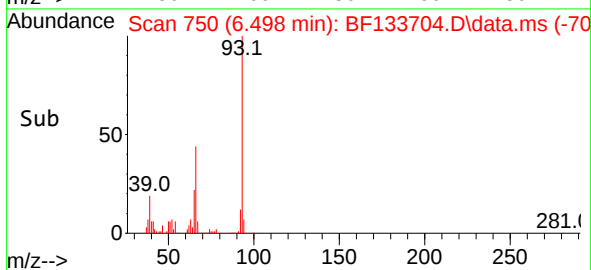
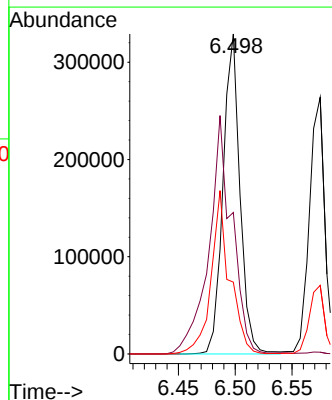
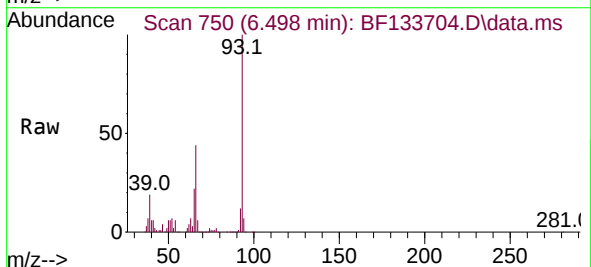
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Supervised By :mohammad ahmed 06/13/2023



#6
Aniline
Concen: 35.908 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

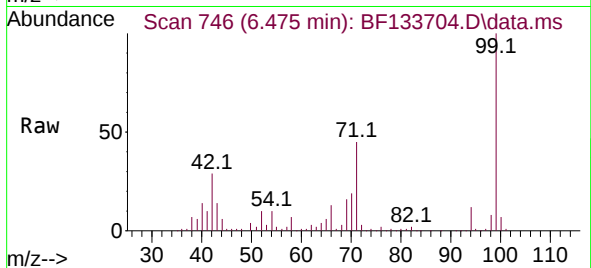
Tgt Ion: 93 Resp: 341089
Ion Ratio Lower Upper
93 100
66 44.2 34.4 51.6
65 22.5 17.5 26.3





#7
Phenol-d6
Concen: 107.774 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

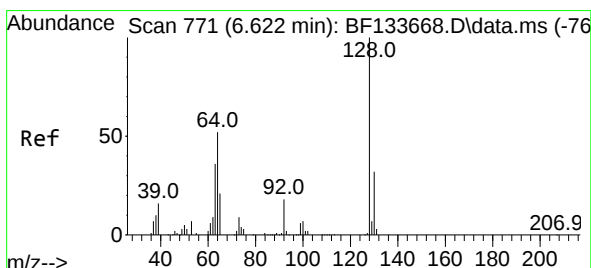
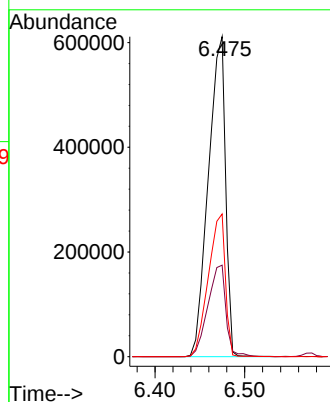
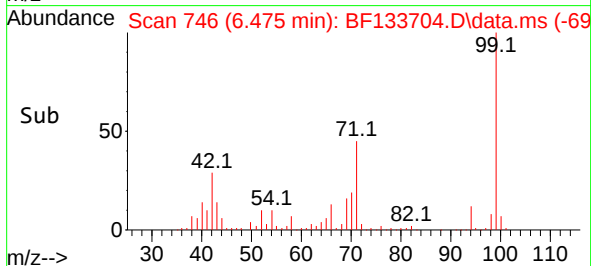
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 81280
Ion Ratio Lower Upper
99 100
42 28.6 19.9 29.9
71 44.6 32.2 48.4

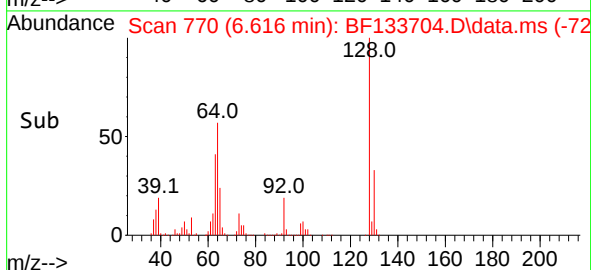
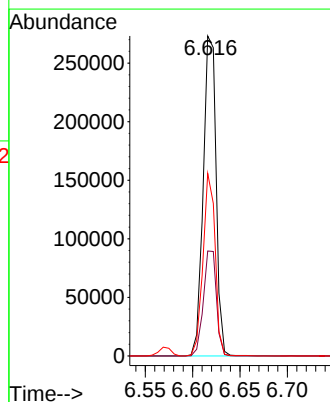
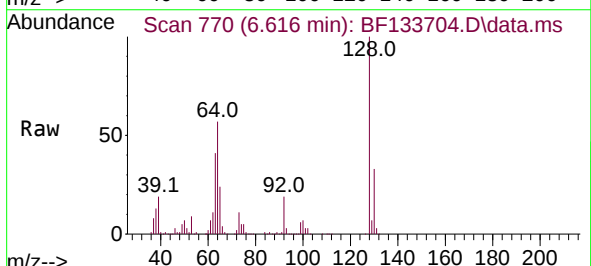
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#8
2-Chlorophenol
Concen: 42.227 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:128 Resp: 257830
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 57.1 33.1 73.1





#9

Benzaldehyde

Concen: 30.109 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

Tgt Ion: 77 Resp: 150654

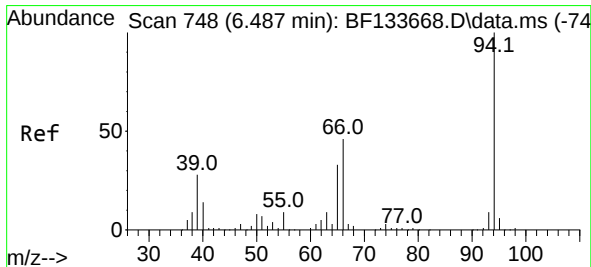
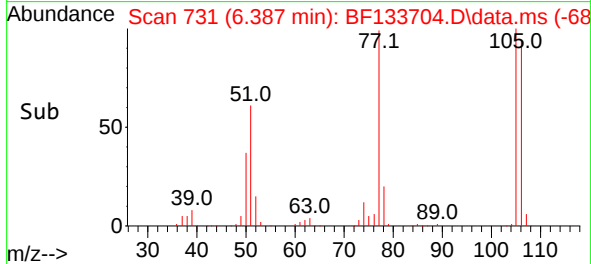
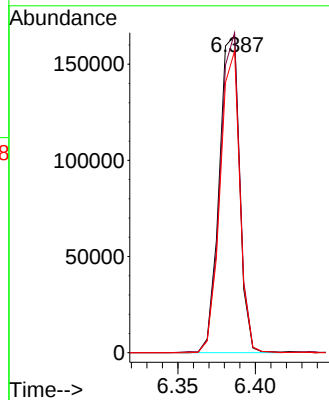
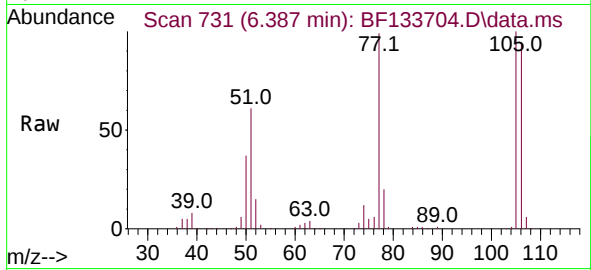
Ion	Ratio	Lower	Upper
77	100		
105	100.9	82.0	122.0
106	95.2	77.6	117.6

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2023



#10

Phenol

Concen: 40.681 ng

RT: 6.487 min Scan# 748

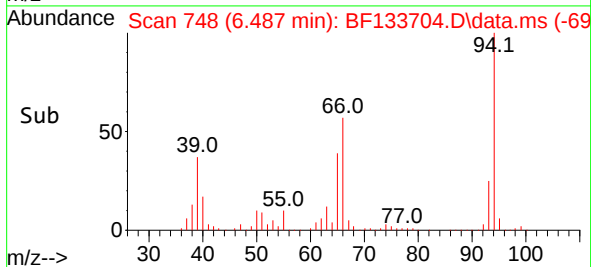
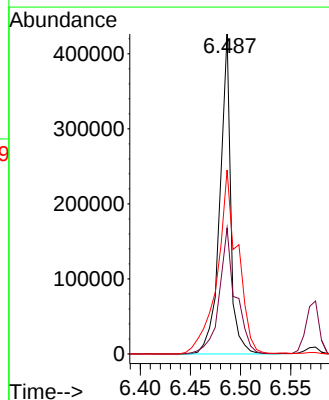
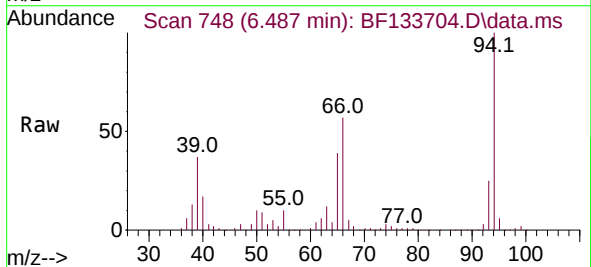
Delta R.T. -0.000 min

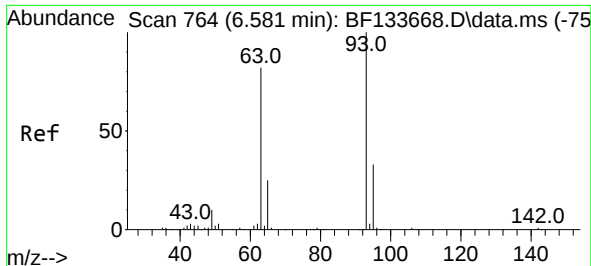
Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Tgt Ion: 94 Resp: 320363

Ion	Ratio	Lower	Upper
94	100		
65	39.4	13.2	53.2
66	57.5	26.1	66.1





#11

bis(2-Chloroethyl)ether

Concen: 41.947 ng

RT: 6.575 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

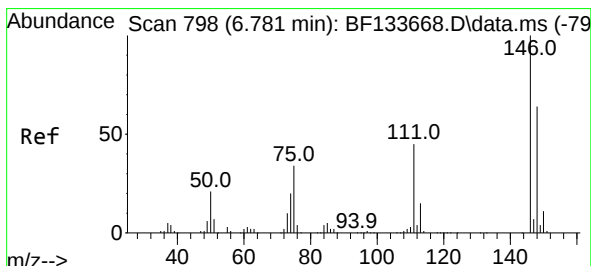
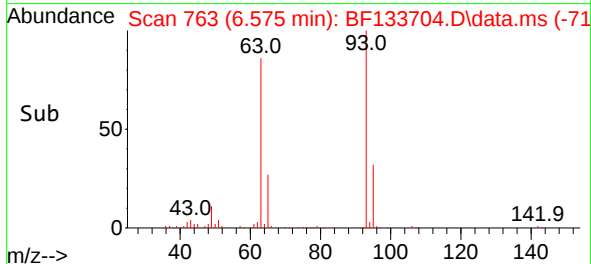
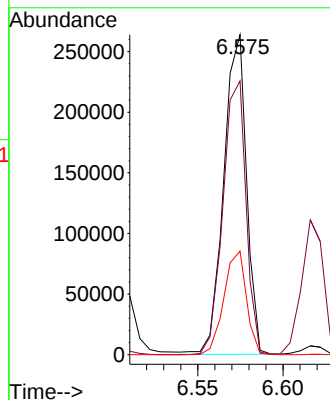
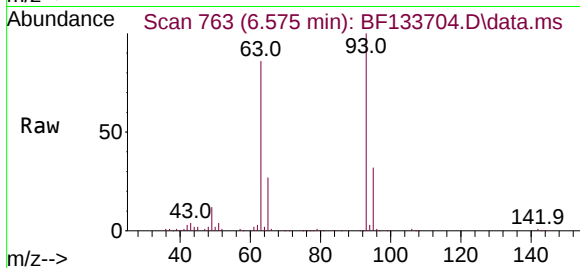
Tgt Ion: 93	Resp: 24523
Ion Ratio	Lower Upper
93 100	
63 85.6	62.1 102.1
95 32.3	13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#12

1,3-Dichlorobenzene

Concen: 42.951 ng

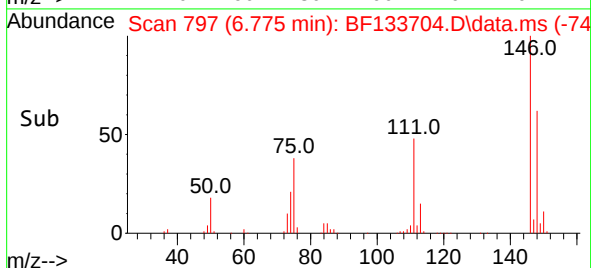
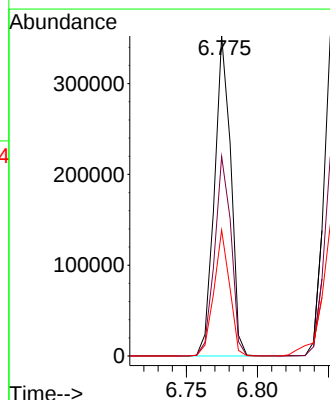
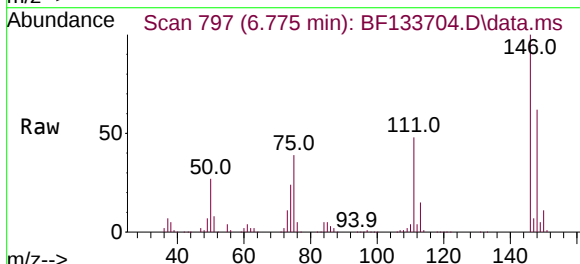
RT: 6.775 min Scan# 797

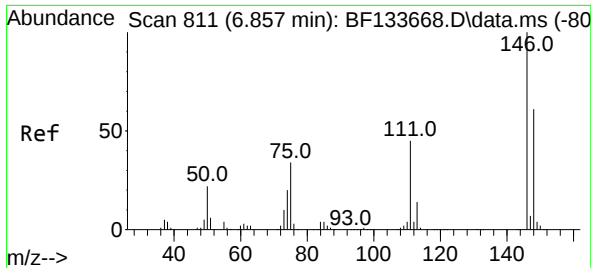
Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Tgt Ion:146	Resp: 280200
Ion Ratio	Lower Upper
146 100	
148 62.4	50.9 76.3
75 39.3	27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 43.056 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

Tgt Ion:146 Resp: 28390

Ion Ratio Lower Upper

146 100

148 62.4 48.9 73.3

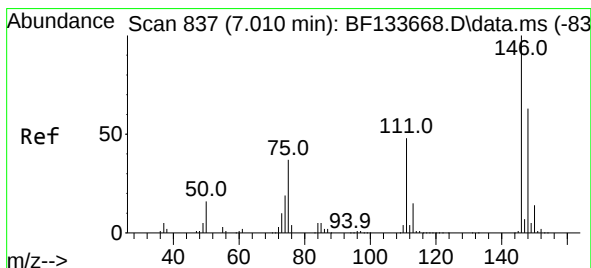
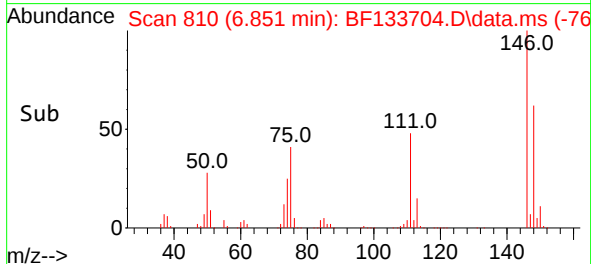
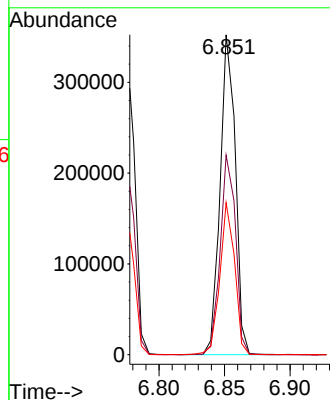
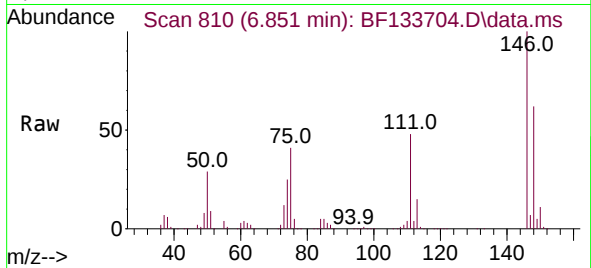
111 47.5 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#14

1,2-Dichlorobenzene

Concen: 45.938 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

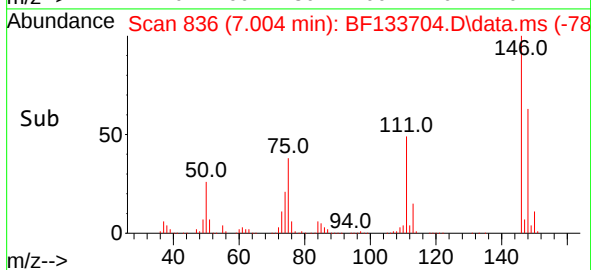
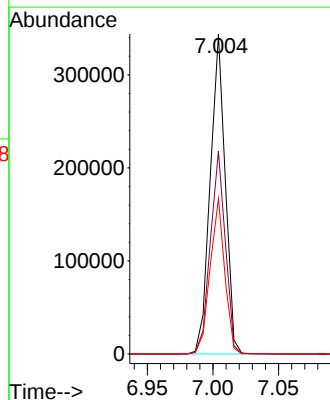
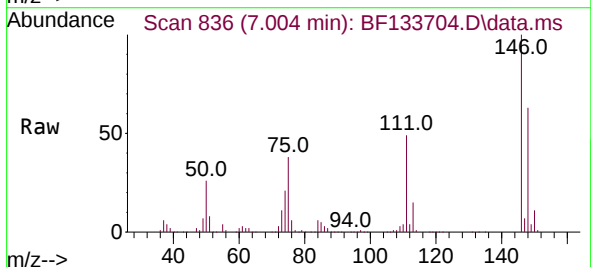
Tgt Ion:146 Resp: 273702

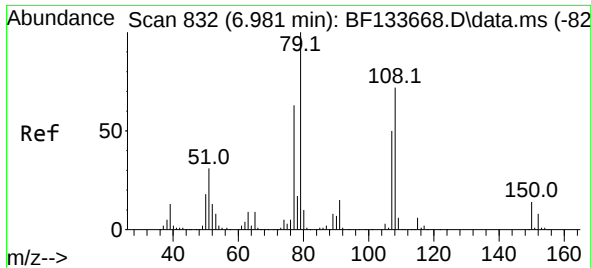
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

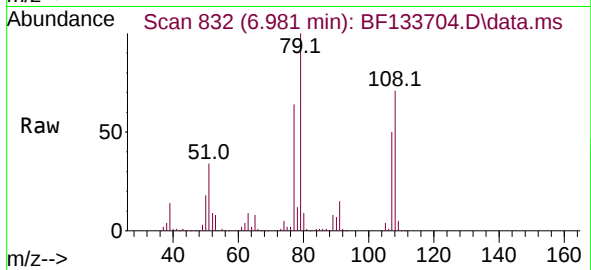
111 48.5 38.7 58.1





#15
Benzyl Alcohol
Concen: 42.922 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

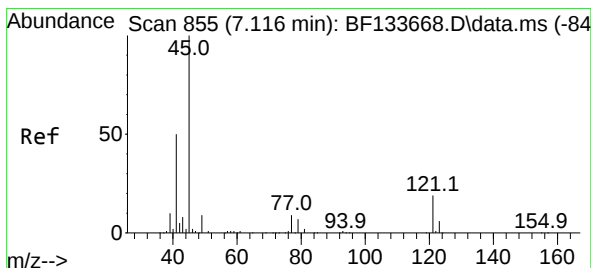
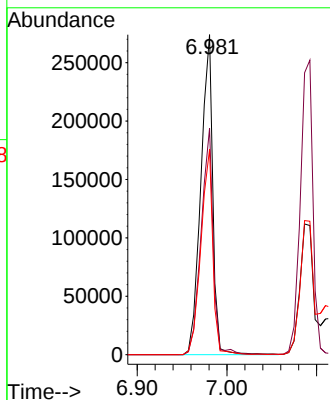
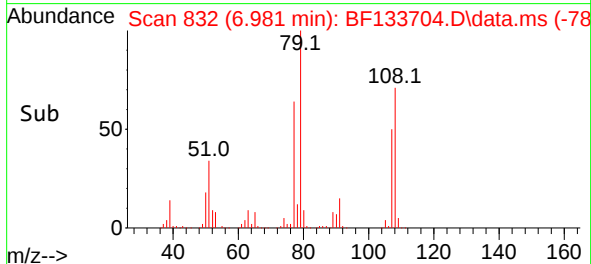
Instrument :
BNA_F
Client Sample Id :
PB153327BS



Tgt Ion: 79 Resp: 252820
Ion Ratio Lower Upper
79 100
108 70.8 57.9 86.9
77 64.2 50.4 75.6

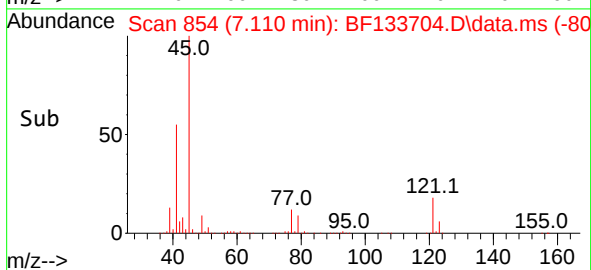
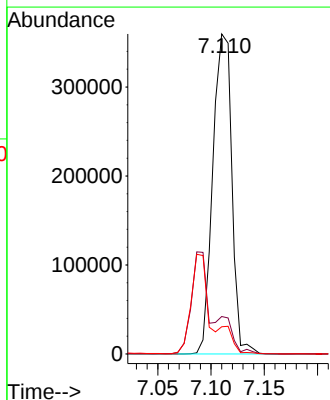
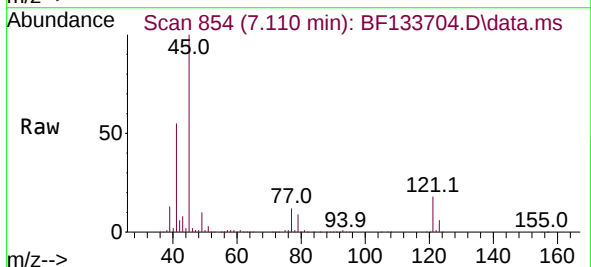
Manual Integrations
APPROVED

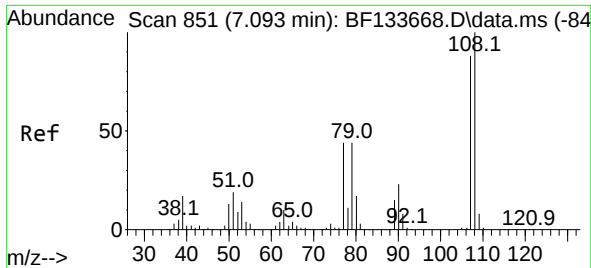
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.908 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion: 45 Resp: 445061
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.3
79 8.5 0.0 29.4





#17
2-Methylphenol
Concen: 39.756 ng
RT: 7.092 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

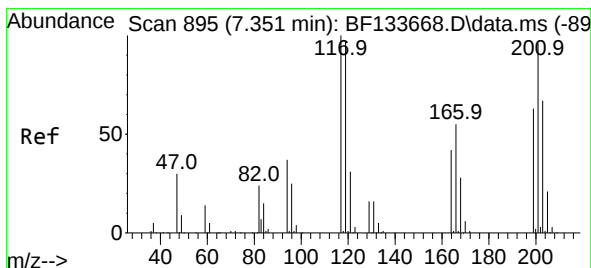
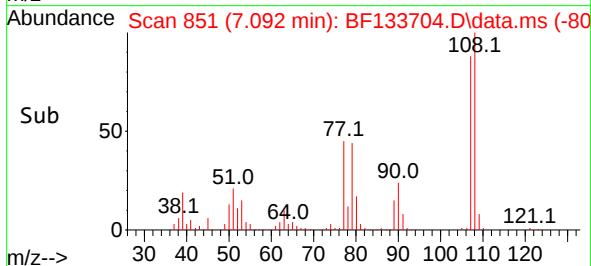
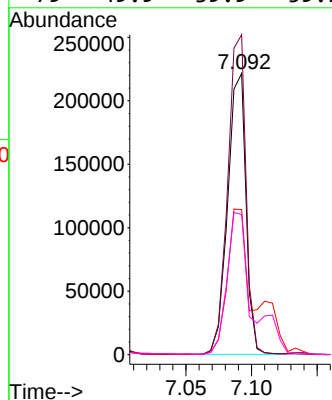
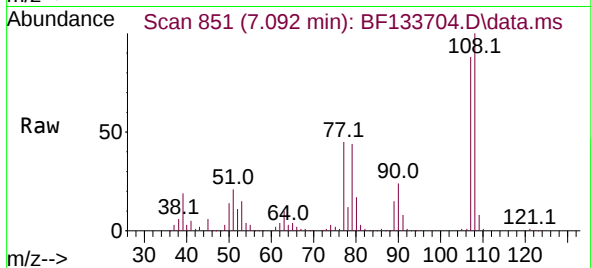
PB153327BS

Tgt Ion:107 Resp: 21515
Ion Ratio Lower Upper
107 100
108 113.8 90.9 136.3
77 51.6 39.8 59.6
79 49.9 39.9 59.9

Manual Integrations

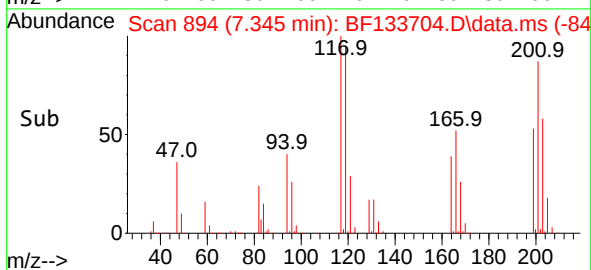
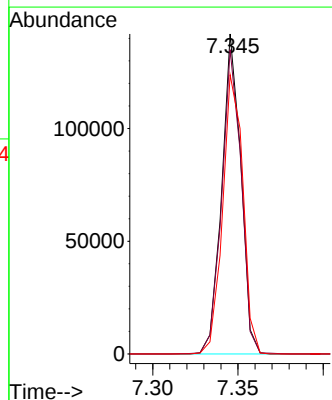
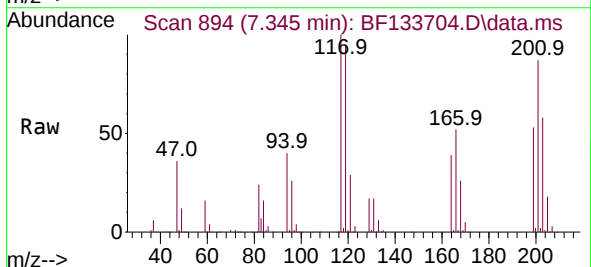
APPROVED

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



#18
Hexachloroethane
Concen: 48.888 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

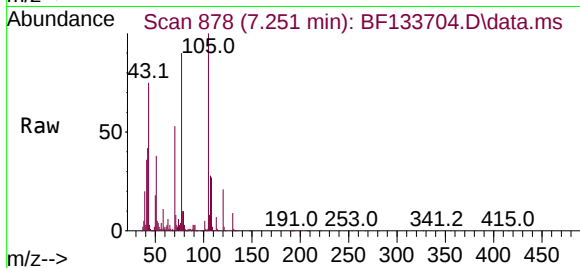
Tgt Ion:117 Resp: 110356
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
201 87.3 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.997 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

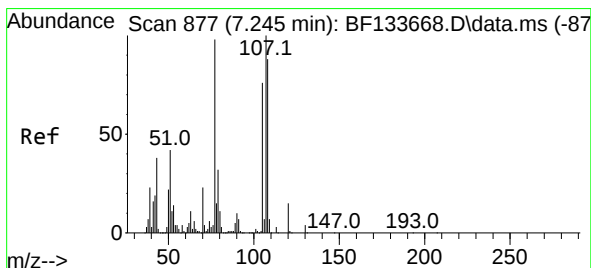
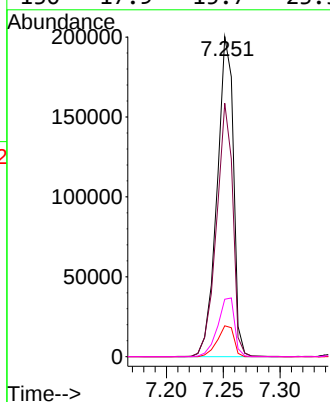
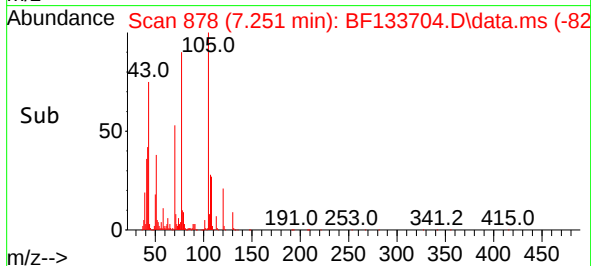
Instrument :
BNA_F
ClientSampleId :
PB153327BS



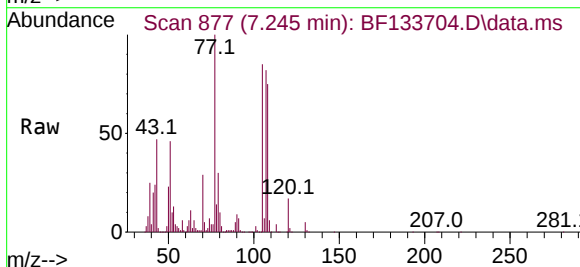
Tgt Ion: 70 Resp: 201520
Ion Ratio Lower Upper
70 100
42 79.2 55.8 83.8
101 9.7 8.1 12.1
130 17.9 15.7 23.5

Manual Integrations
APPROVED

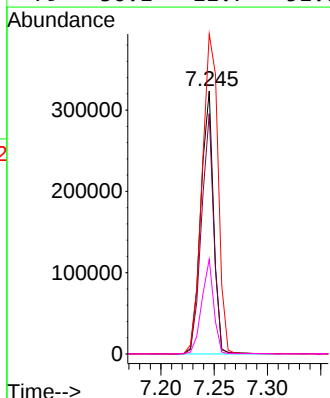
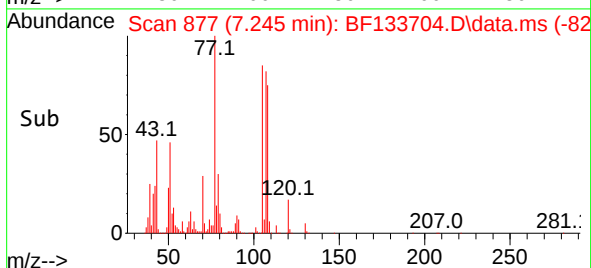
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

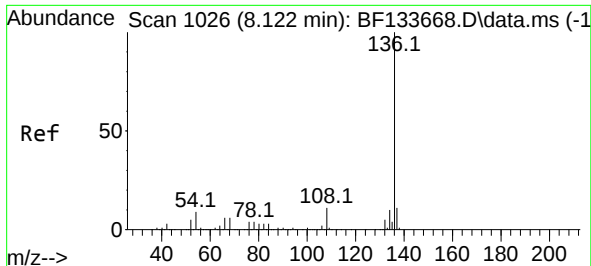


#20
3+4-Methylphenols
Concen: 38.508 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:107 Resp: 271109
Ion Ratio Lower Upper
107 100
108 91.4 67.9 107.9
77 121.8 77.7 117.7#
79 36.1 11.7 51.7





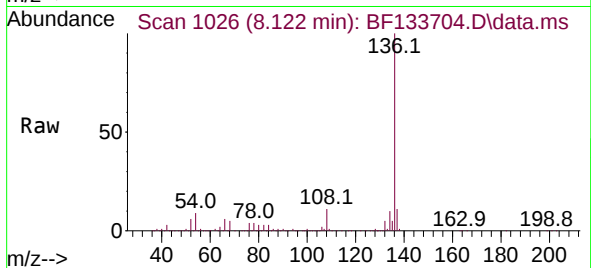
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

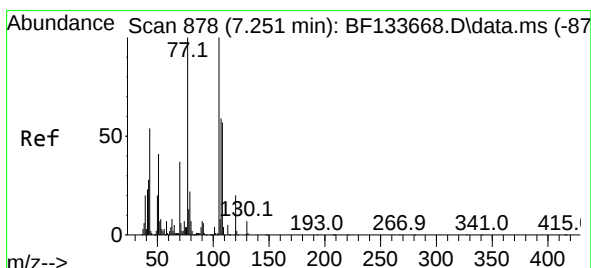
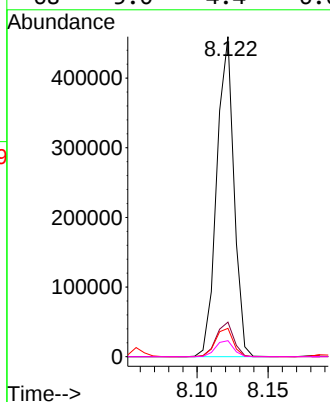
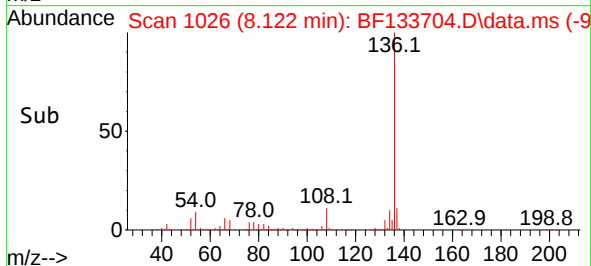


Tgt Ion:136 Resp: 38613
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.8 7.4 11.0
68 5.0 4.4 6.6

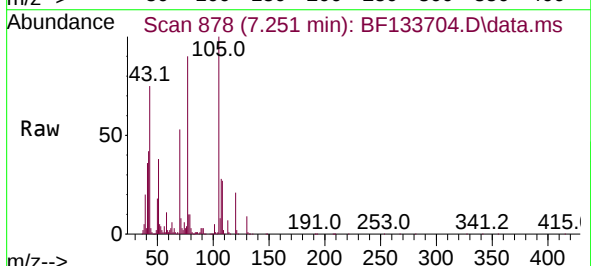
Manual Integrations

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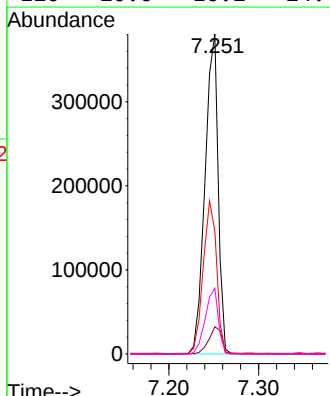
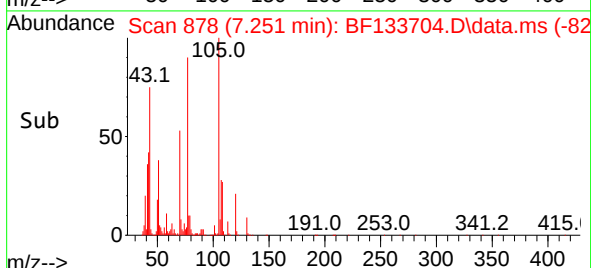
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

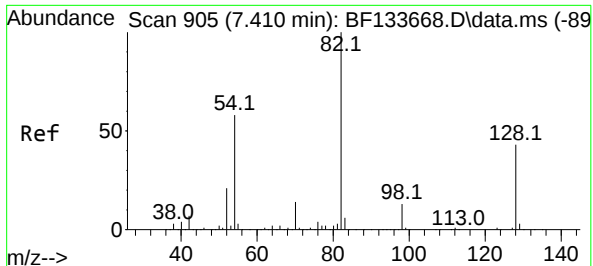


#22
Acetophenone
Concen: 43.708 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:105 Resp: 387088
Ion Ratio Lower Upper
105 100
71 8.5 4.8 7.2#
51 38.4 33.0 49.4
120 20.6 16.2 24.4





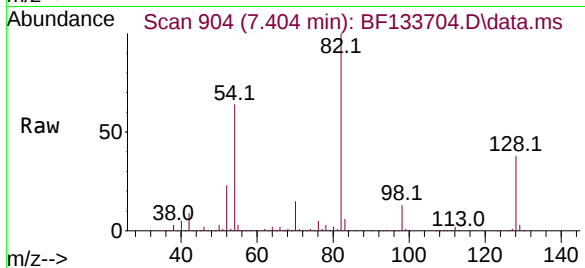
#23
Nitrobenzene-d5
Concen: 80.739 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

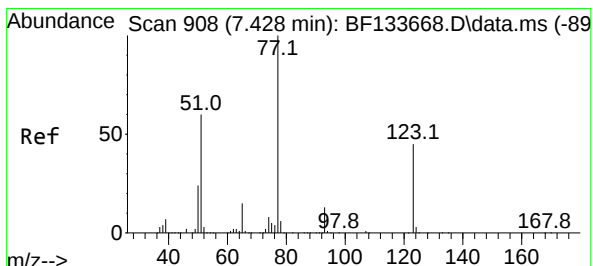
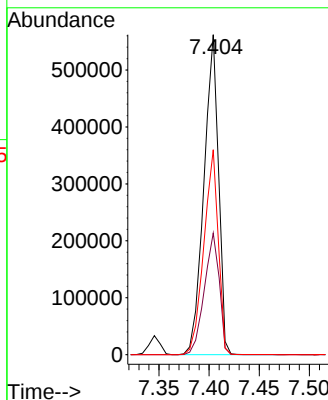
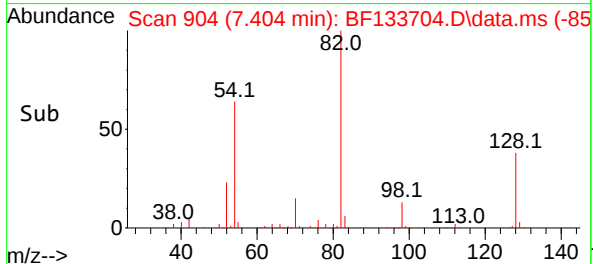
PB153327BS



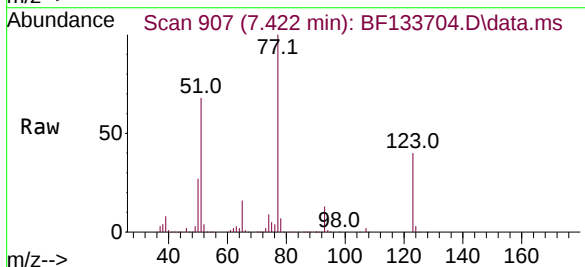
Tgt Ion: 82 Resp: 572386
Ion Ratio Lower Upper
82 100
128 38.0 34.2 51.2
54 64.0 46.5 69.7

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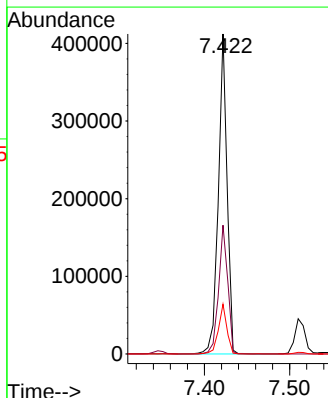
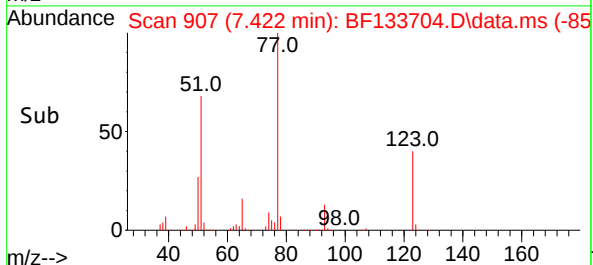
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

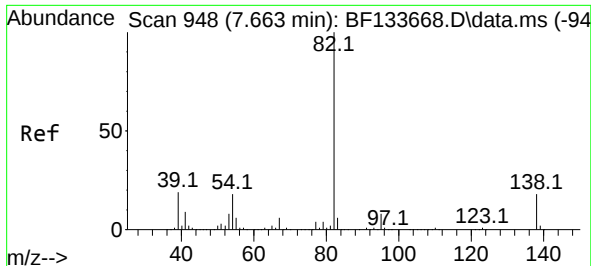


#24
Nitrobenzene
Concen: 41.195 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion: 77 Resp: 294072
Ion Ratio Lower Upper
77 100
123 40.3 35.8 53.8
65 15.5 11.6 17.4





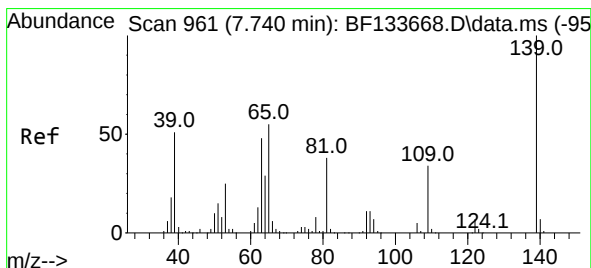
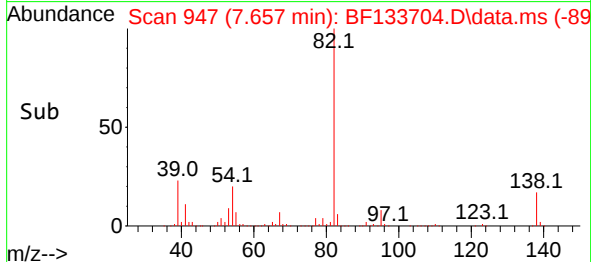
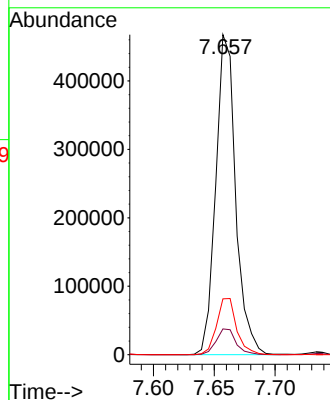
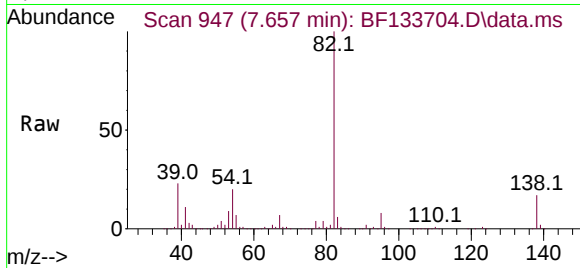
#25
Isophorone
Concen: 40.878 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :
BNA_F
ClientSampleId :
PB153327BS

Tgt Ion: 82 Resp: 53203
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 17.5 14.2 21.2

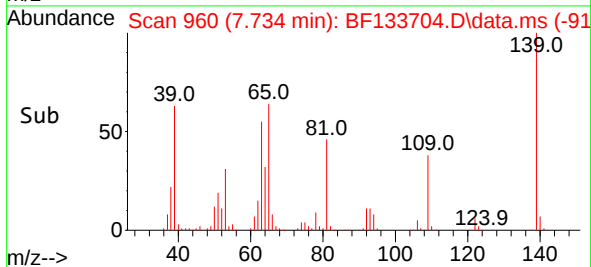
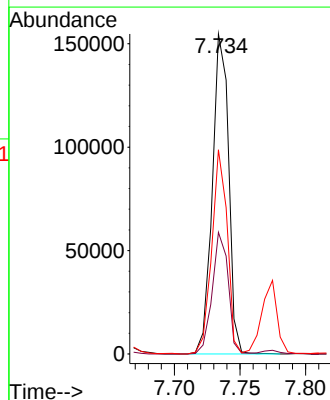
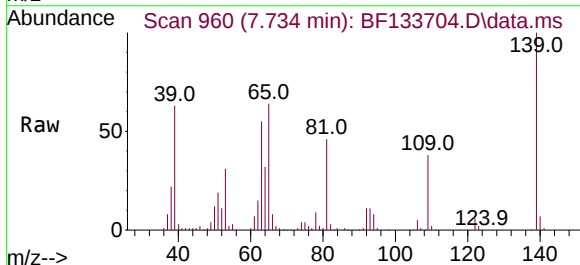
Manual Integrations
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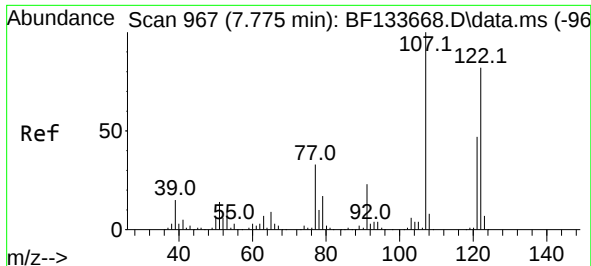
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#26
2-Nitrophenol
Concen: 41.648 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:139 Resp: 133426
Ion Ratio Lower Upper
139 100
109 38.0 27.0 40.6
65 63.8 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 41.688 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

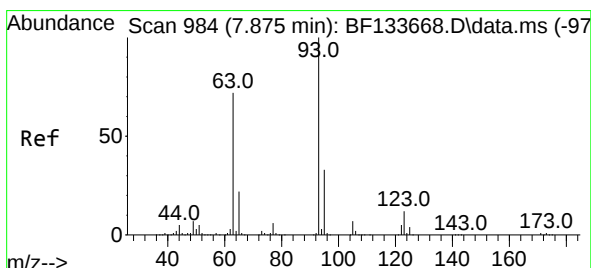
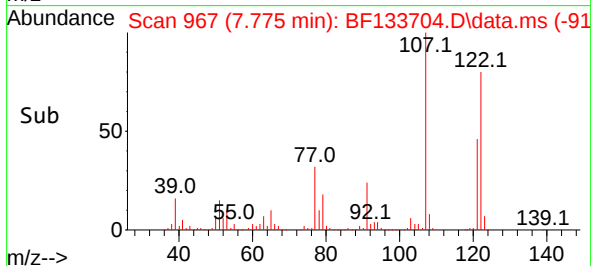
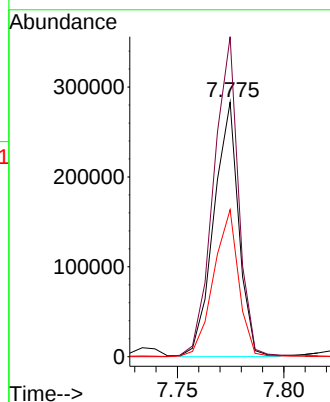
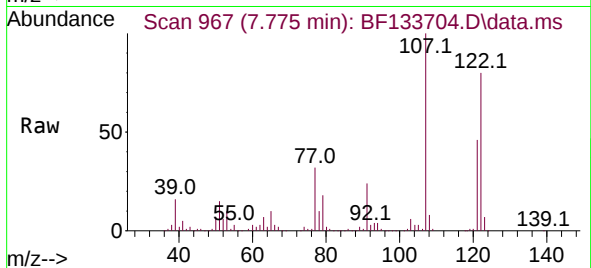
PB153327BS

Tgt Ion:122 Resp: 230190
Ion Ratio Lower Upper
122 100
107 125.7 97.8 146.6
121 57.7 46.1 69.1

Manual Integrations

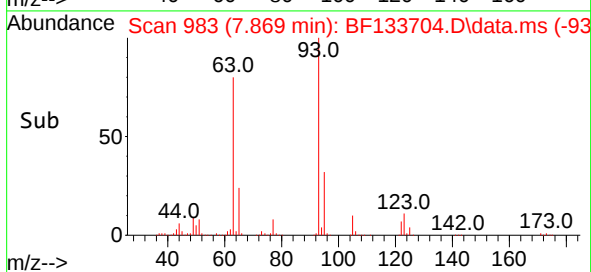
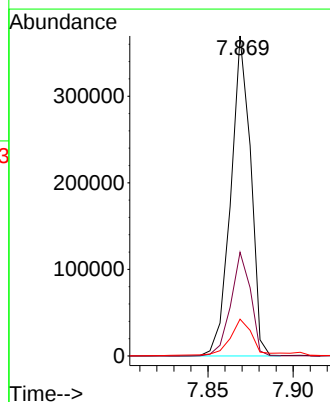
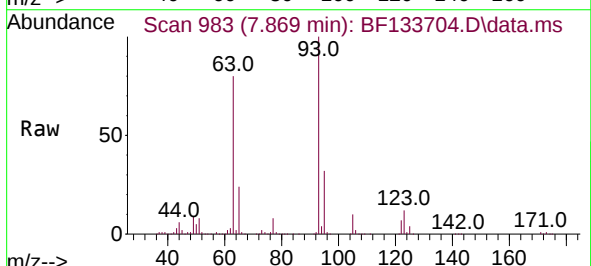
APPROVED

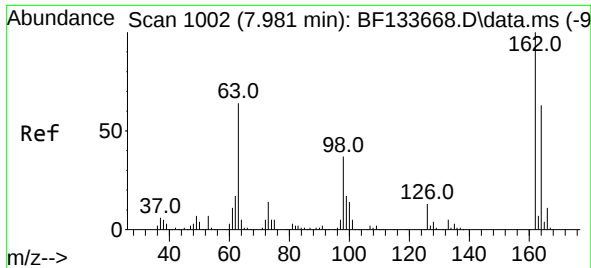
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.879 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion: 93 Resp: 299980
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.621 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

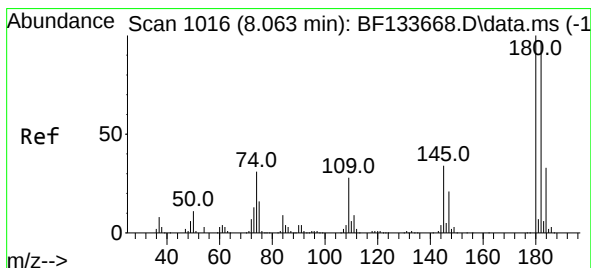
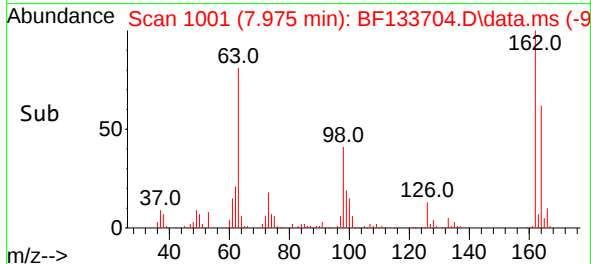
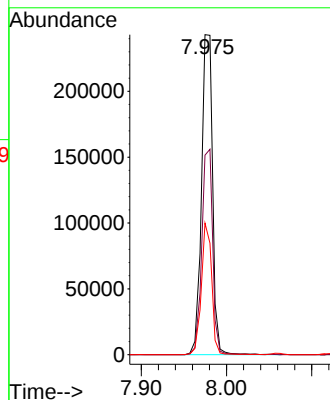
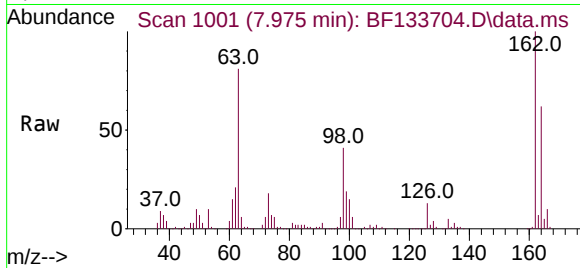
Tgt Ion:	162	Resp:	21983
Ion Ratio	Lower	Upper	
162	100		
164	62.4	43.4	83.4
98	41.1	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.976 ng

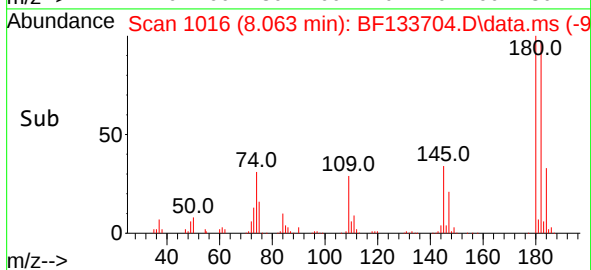
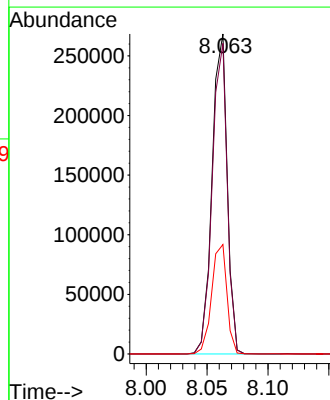
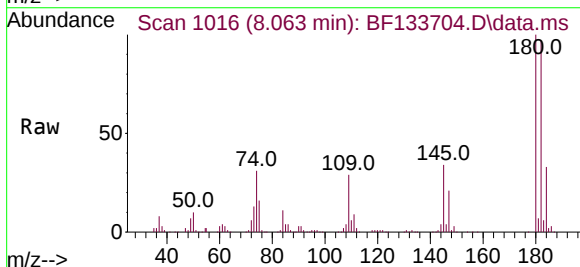
RT: 8.063 min Scan# 1016

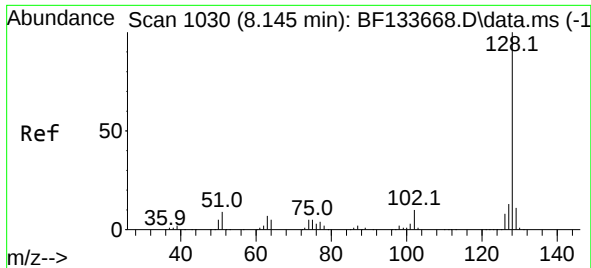
Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

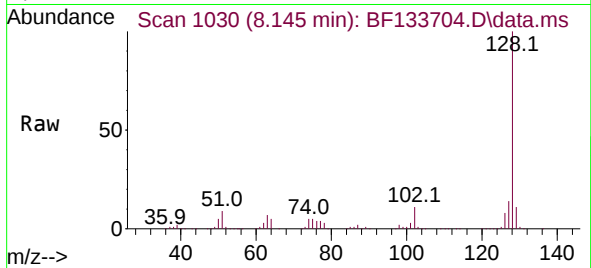
Tgt Ion:	180	Resp:	231365
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.8	116.8
145	34.2	27.0	40.4





#31
Naphthalene
Concen: 39.758 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

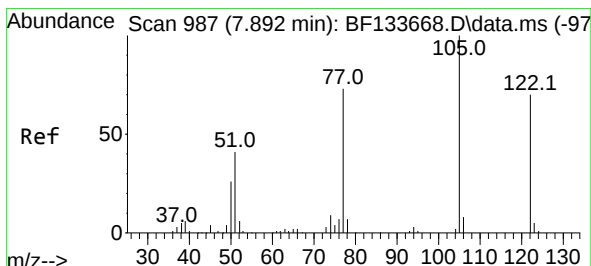
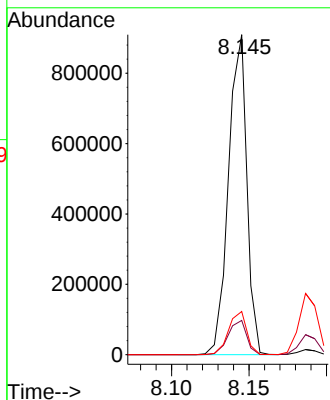
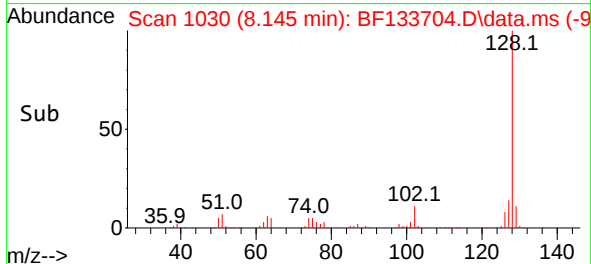
Instrument :
BNA_F
ClientSampleId :
PB153327BS



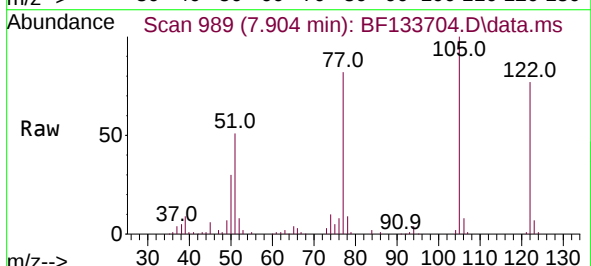
Tgt Ion:128 Resp: 74794
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.5 10.5 15.7

Manual Integrations
APPROVED

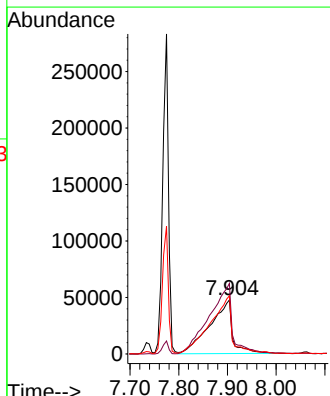
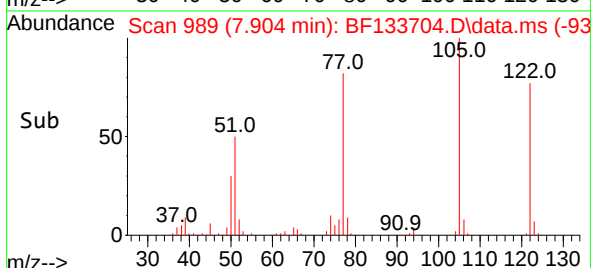
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

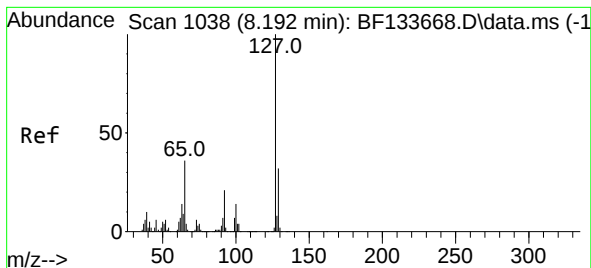


#32
Benzoic acid
Concen: 44.837 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:122 Resp: 156148
Ion Ratio Lower Upper
122 100
105 130.6 116.3 156.3
77 107.7 82.4 122.4





#33
4-Chloroaniline
Concen: 19.040 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

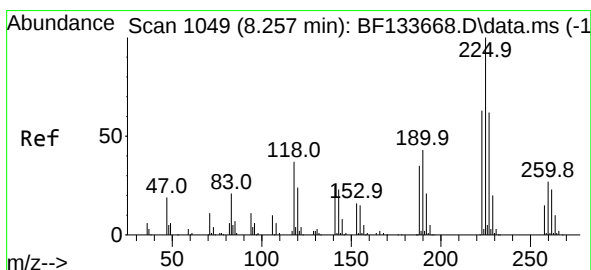
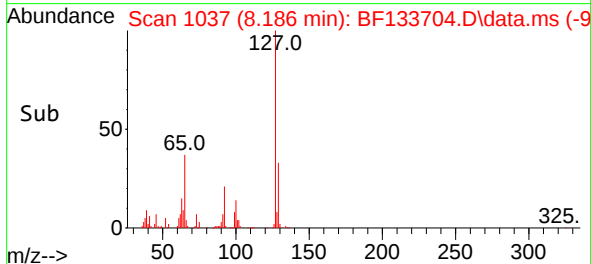
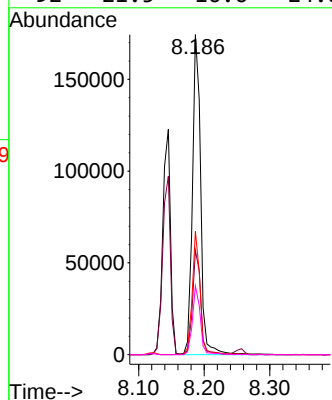
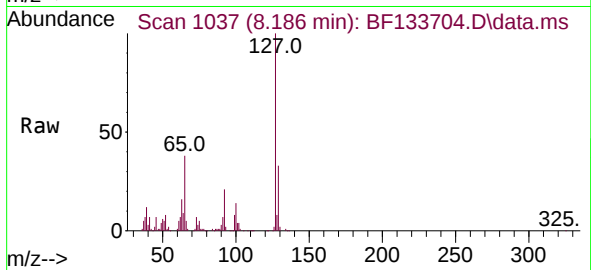
PB153327BS

Tgt Ion:	127	Resp:	15315
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.6	38.4
65	38.5	28.9	43.3
92	21.5	16.6	24.8

Manual Integrations

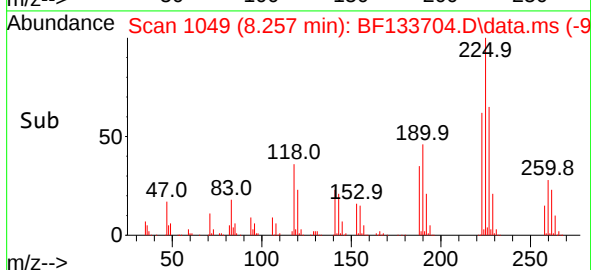
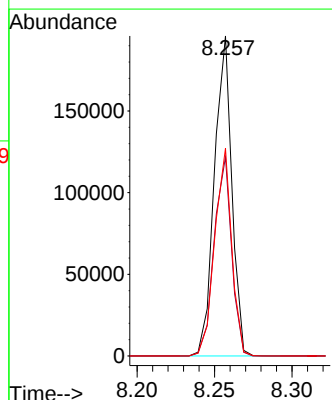
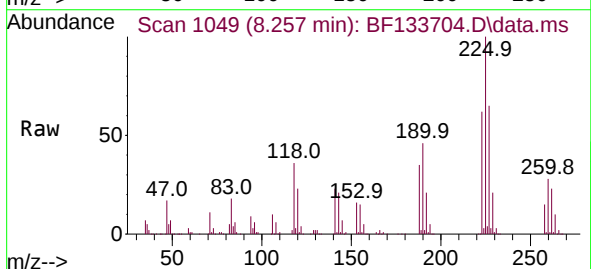
APPROVED

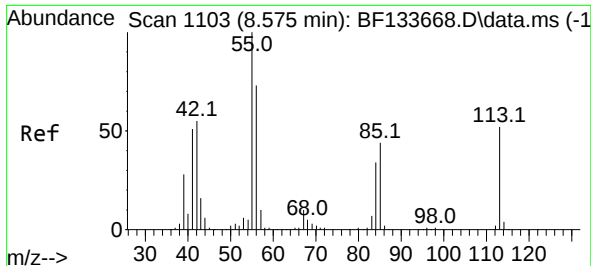
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#34
Hexachlorobutadiene
Concen: 41.353 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:	225	Resp:	152876
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.2	75.4
227	64.9	49.5	74.3





#35
Caprolactam
Concen: 38.783 ng m
RT: 8.569 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

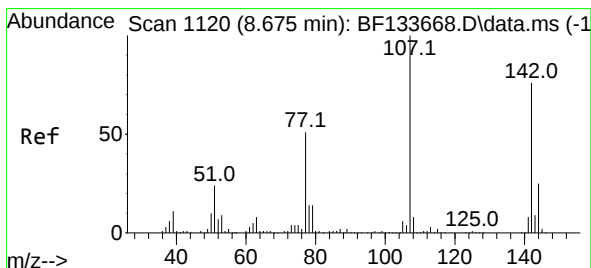
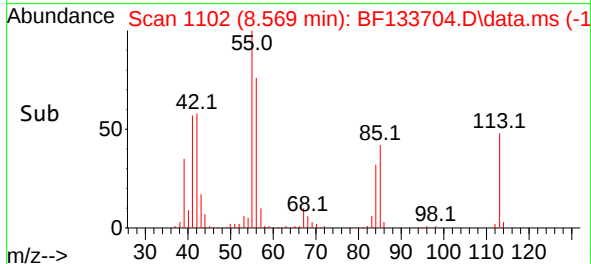
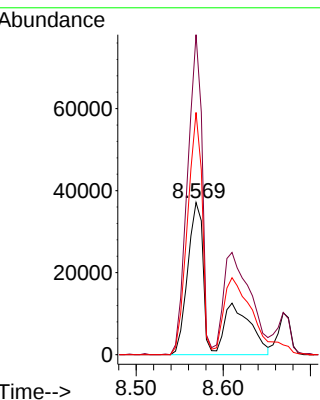
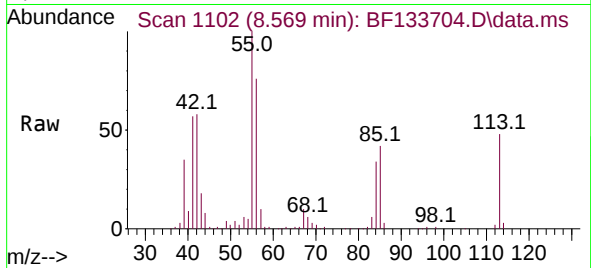
ClientSampleId :

PB153327BS

Tgt Ion:113 Resp: 7062
Ion Ratio Lower Upper
113 100
55 210.2 173.3 213.3
56 159.1 120.5 160.5

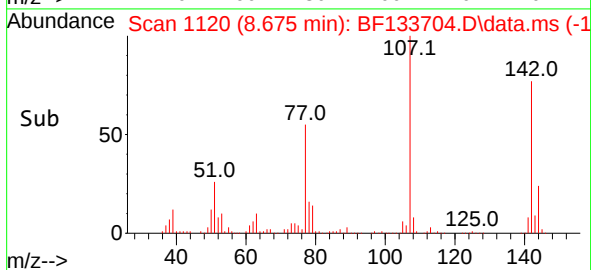
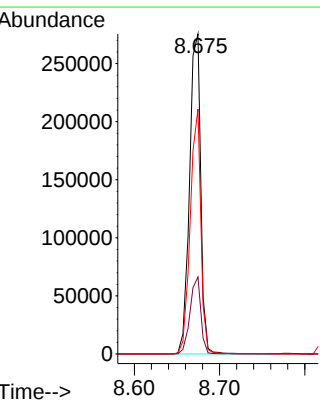
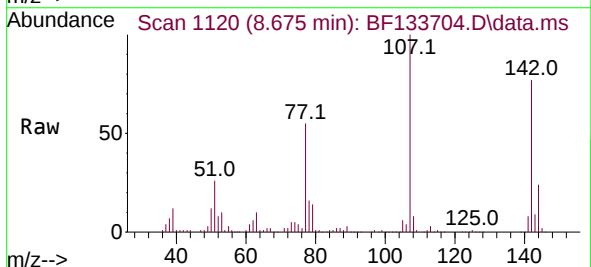
Manual Integrations
APPROVED

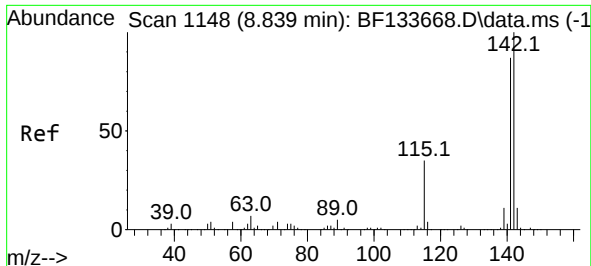
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#36
4-Chloro-3-methylphenol
Concen: 40.286 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:107 Resp: 251305
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 76.5 61.1 91.7





#37

2-Methylnaphthalene

Concen: 38.673 ng

RT: 8.833 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

Tgt Ion:142 Resp: 505489

Ion Ratio Lower Upper

142 100

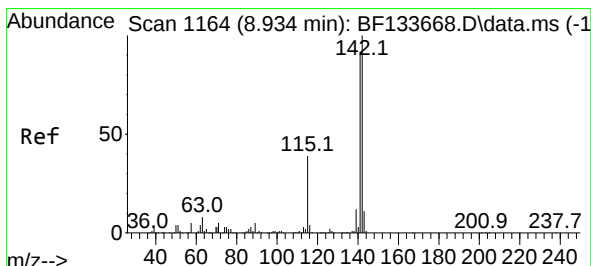
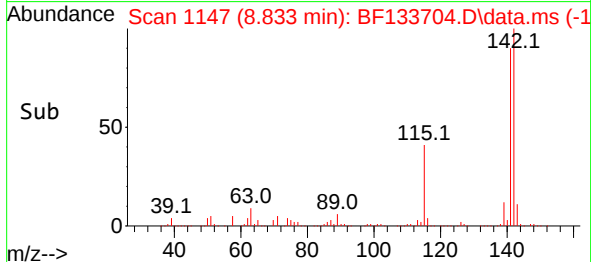
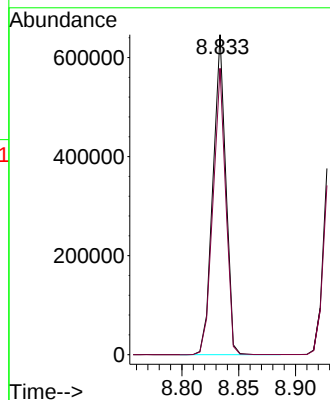
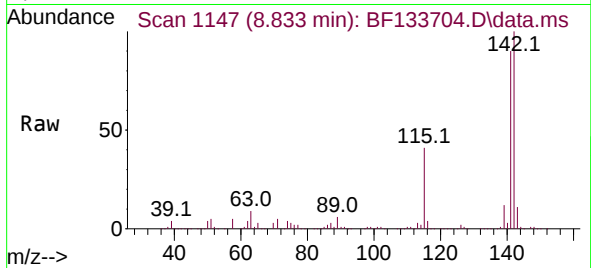
141 89.5 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#38

1-Methylnaphthalene

Concen: 39.252 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.001 min

Lab File: BF133704.D

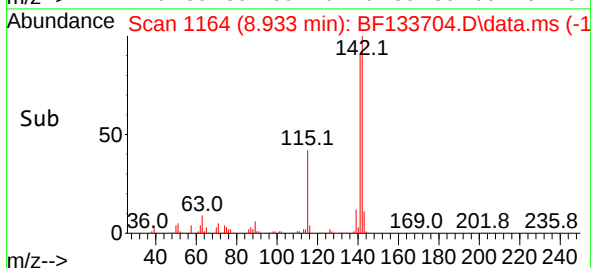
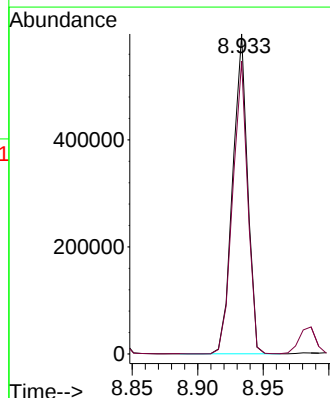
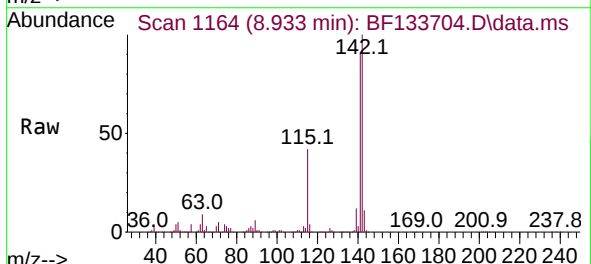
Acq: 12 Jun 2023 15:06

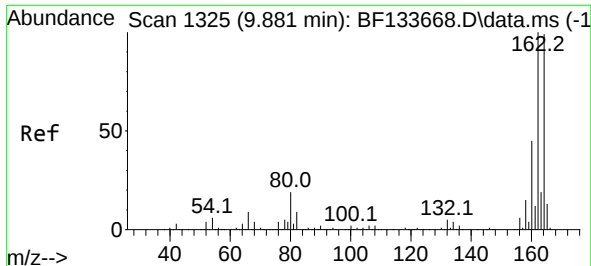
Tgt Ion:142 Resp: 472121

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.0





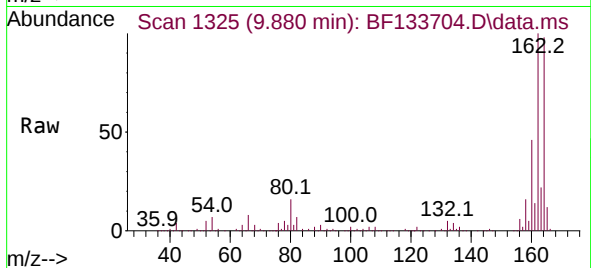
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

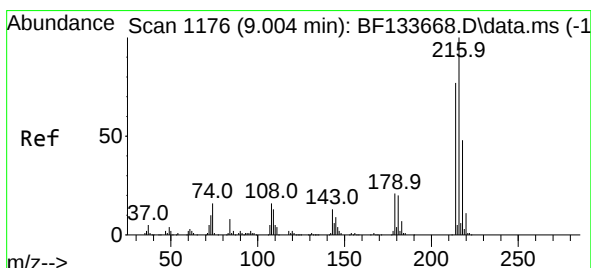
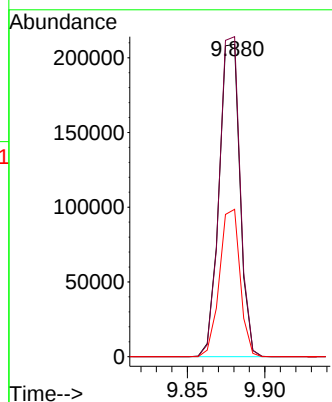
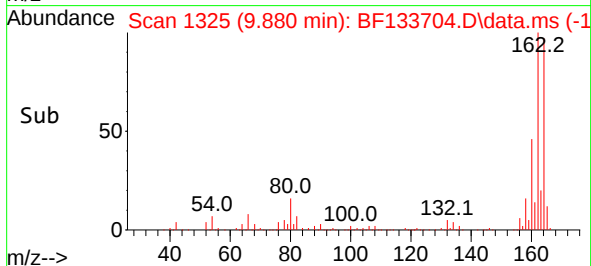


Tgt Ion:164 Resp: 196480
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 47.2 36.7 55.1

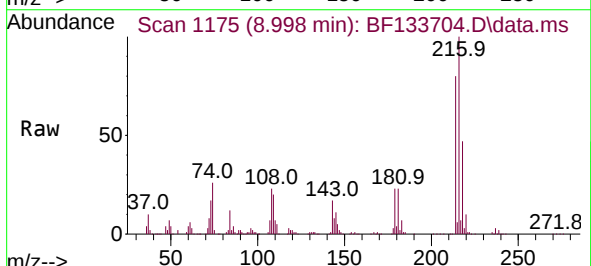
Manual Integrations

APPROVED

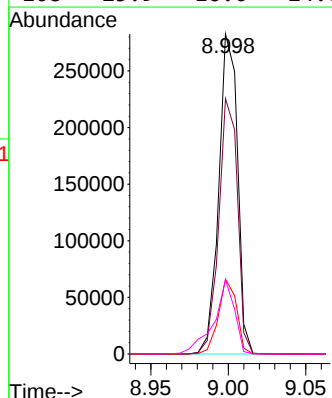
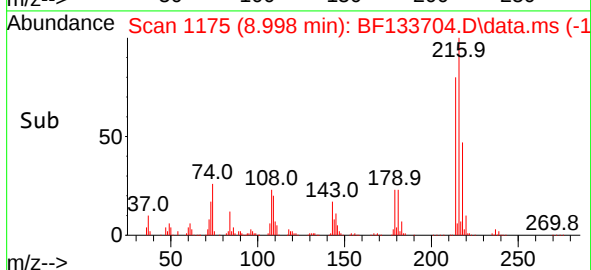
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.721 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



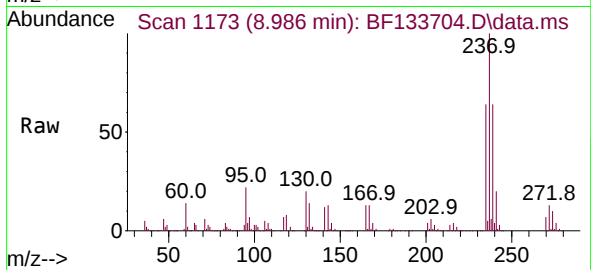
Tgt Ion:216 Resp: 237264
Ion Ratio Lower Upper
216 100
214 79.6 62.7 94.1
179 22.6 17.6 26.4
108 25.9 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 124.660 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.001 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

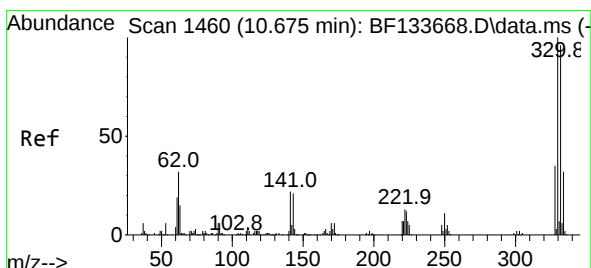
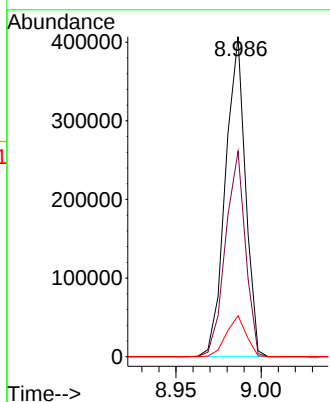
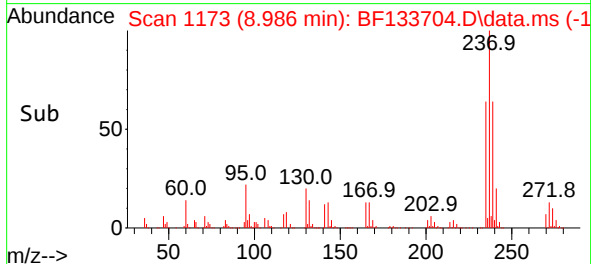
Instrument :
BNA_F
ClientSampleId :
PB153327BS



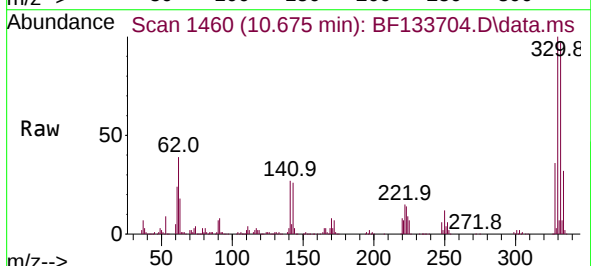
Tgt Ion:237 Resp: 331835
Ion Ratio Lower Upper
237 100
235 64.2 40.6 80.6
272 12.8 0.0 32.6

Manual Integrations
APPROVED

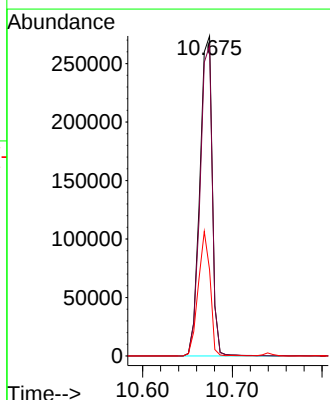
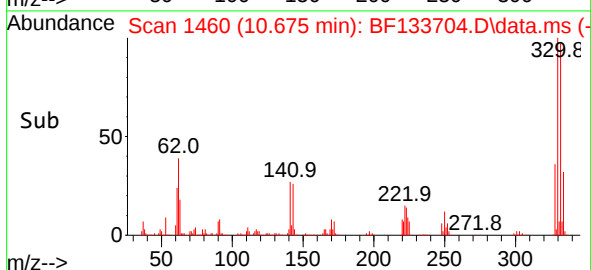
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

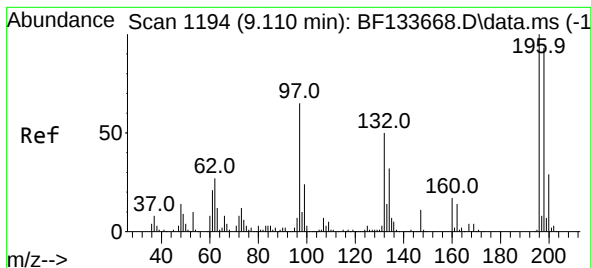


#42
2,4,6-Tribromophenol
Concen: 105.306 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:330 Resp: 261912
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 37.3 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 39.330 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

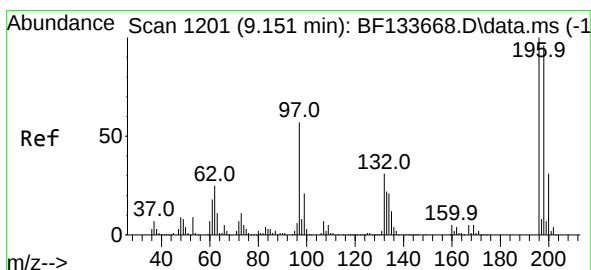
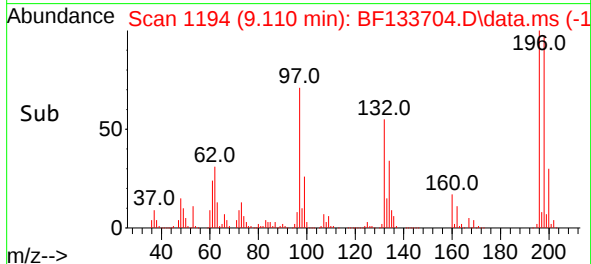
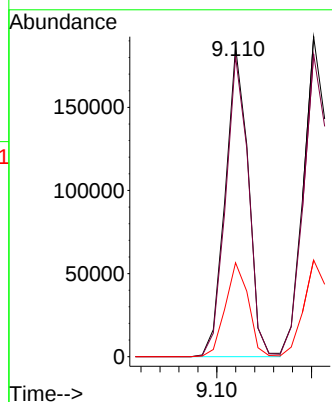
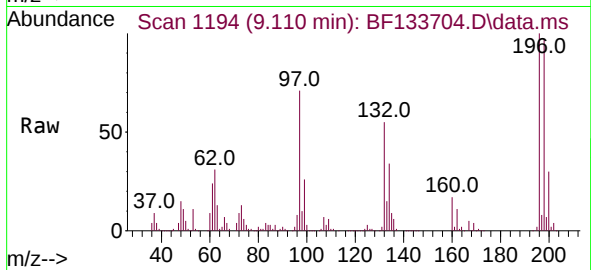
PB153327BS

Tgt Ion:196 Resp: 156989
Ion Ratio Lower Upper
196 100
198 96.9 74.5 111.7
200 30.3 22.9 34.3

Manual Integrations

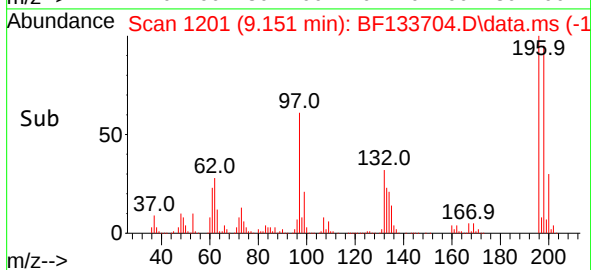
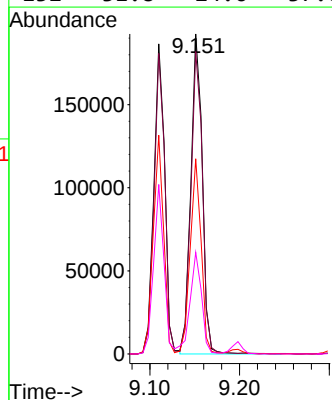
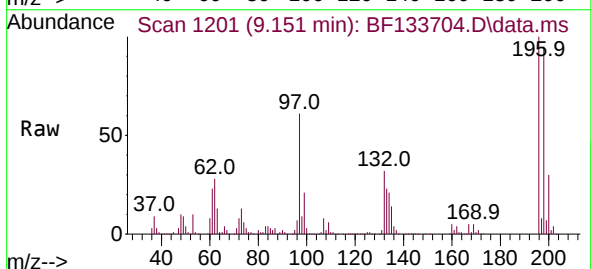
APPROVED

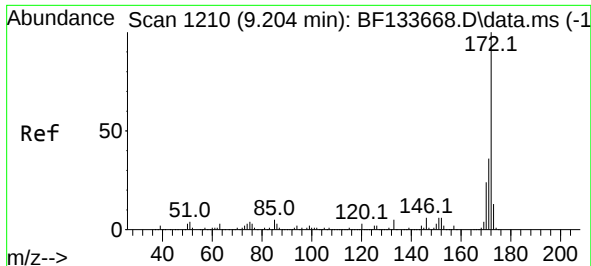
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#44
2,4,5-Trichlorophenol
Concen: 36.849 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

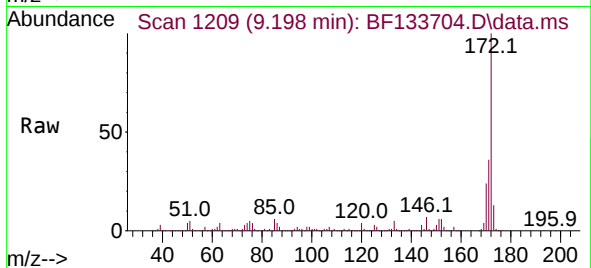
Tgt Ion:196 Resp: 171119
Ion Ratio Lower Upper
196 100
198 94.5 76.8 115.2
97 61.0 45.4 68.2
132 31.8 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 76.928 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

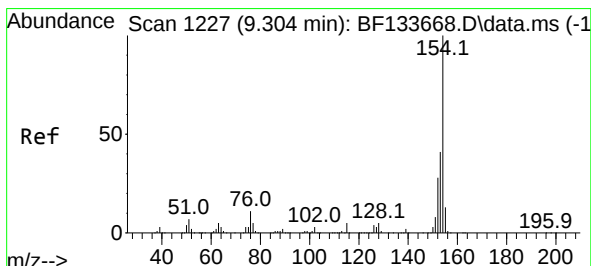
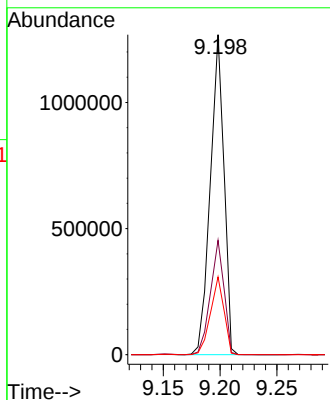
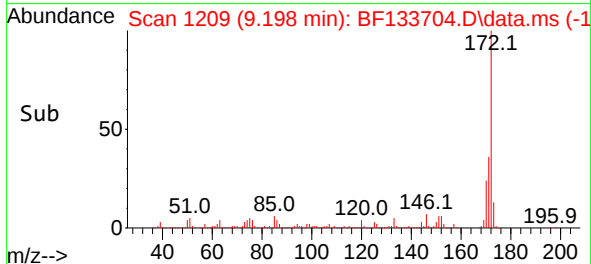
Instrument :
BNA_F
ClientSampleId :
PB153327BS



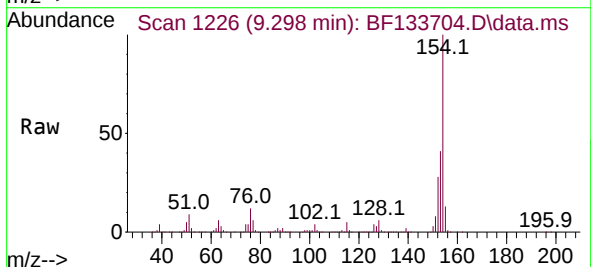
Tgt Ion:172 Resp: 106332
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 19.1 28.7

Manual Integrations
APPROVED

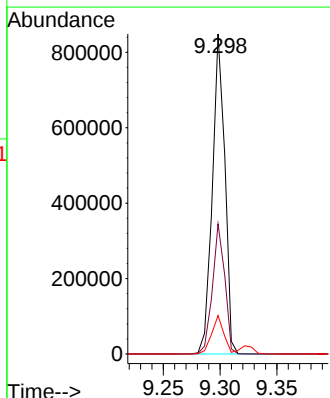
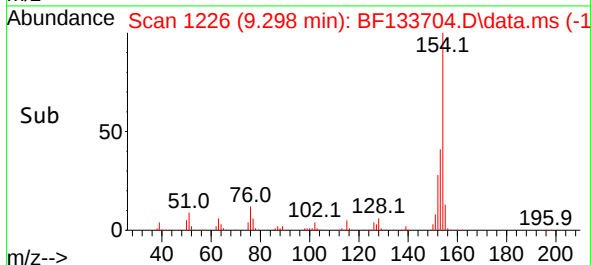
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

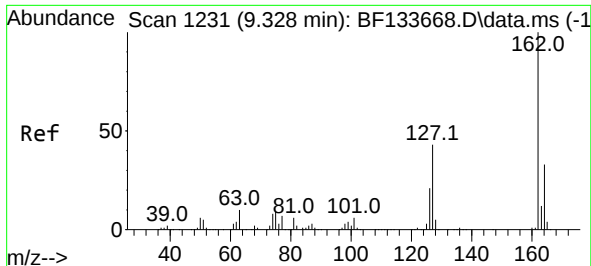


#46
1,1'-Biphenyl
Concen: 40.809 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:154 Resp: 646693
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.0 0.0 31.0





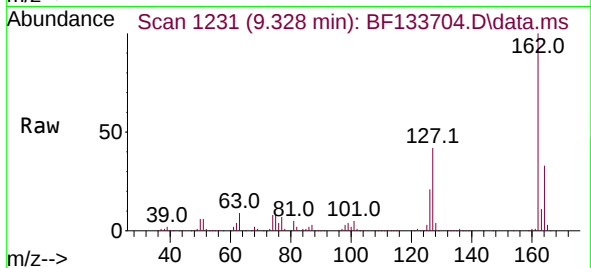
#47
2-Chloronaphthalene
Concen: 41.043 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS



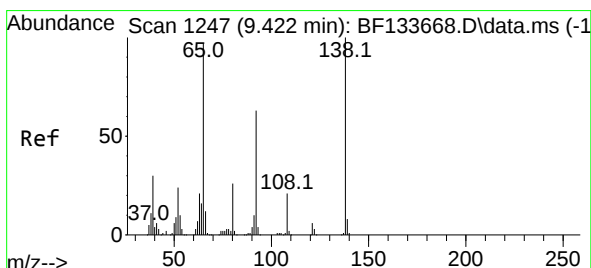
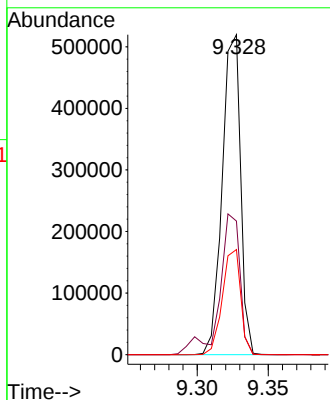
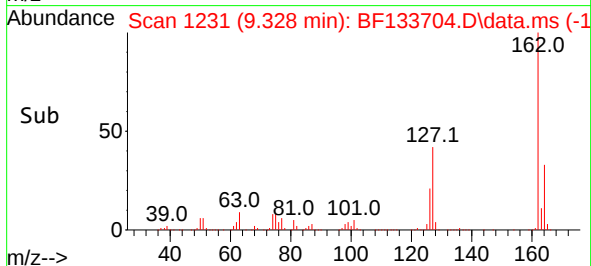
Tgt Ion:162 Resp: 46654
Ion Ratio Lower Upper
162 100
127 41.7 34.6 52.0
164 32.8 26.4 39.6

Manual Integrations

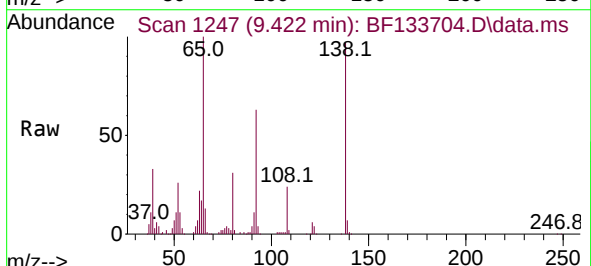
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

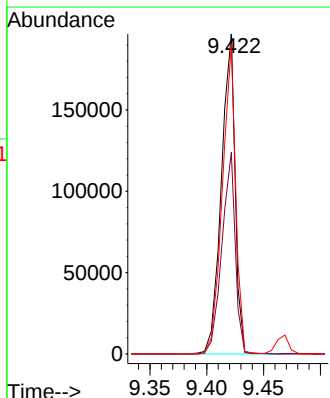
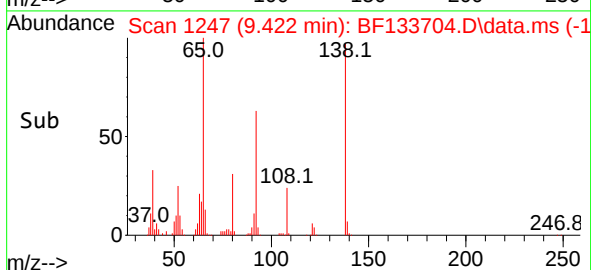
Supervised By :mohammad ahmed 06/13/2023

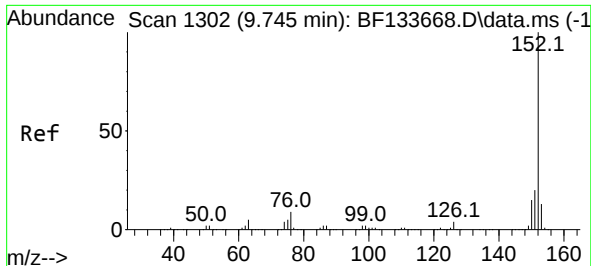


#48
2-Nitroaniline
Concen: 39.951 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion: 65 Resp: 166088
Ion Ratio Lower Upper
65 100
92 63.0 51.8 77.6
138 96.9 82.1 123.1





#49

Acenaphthylene

Concen: 39.187 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

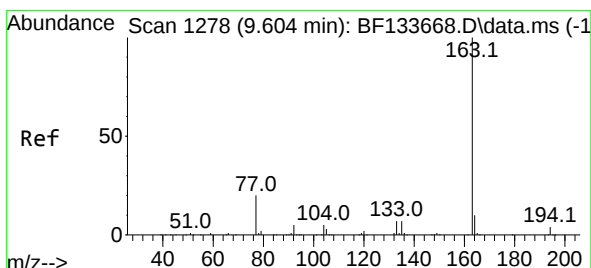
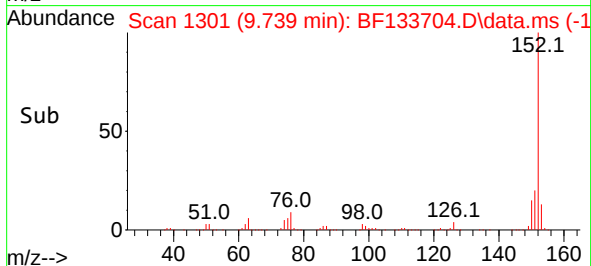
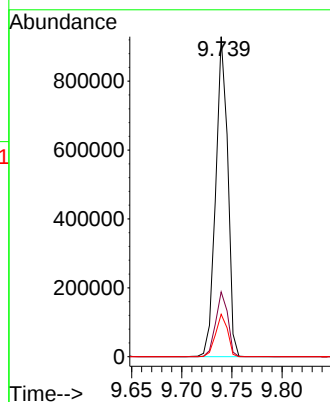
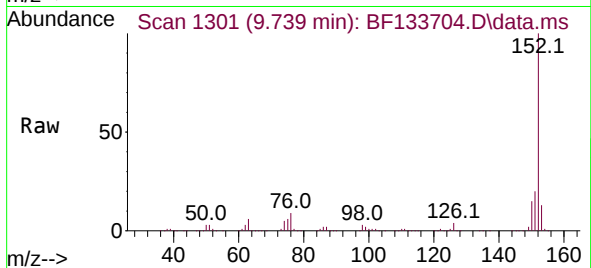
Tgt Ion:152 Resp: 77531
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#50

Dimethylphthalate

Concen: 38.225 ng

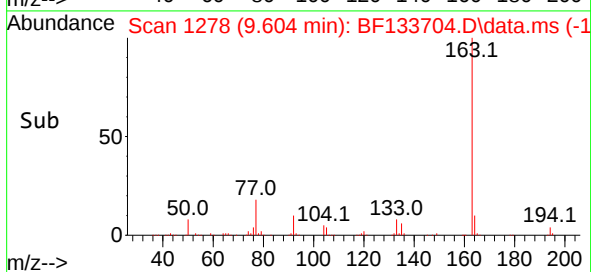
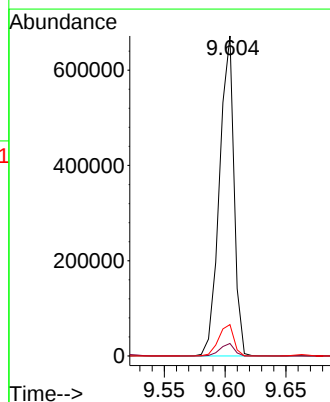
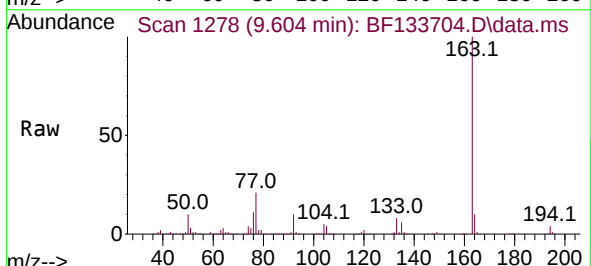
RT: 9.604 min Scan# 1278

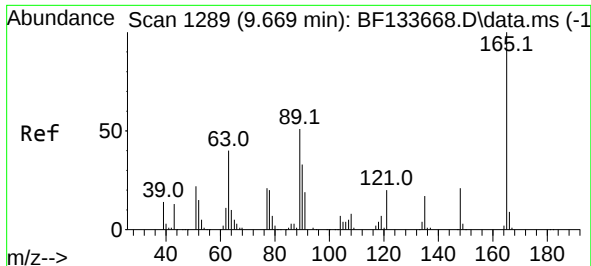
Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Tgt Ion:163 Resp: 560620
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 9.8 8.0 12.0





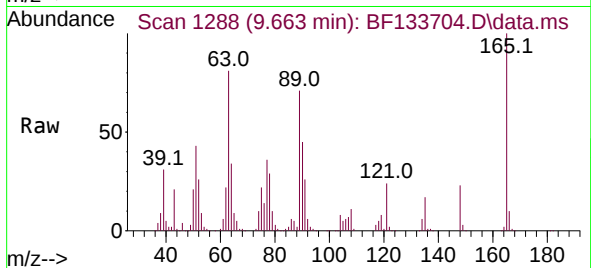
#51
2,6-Dinitrotoluene
Concen: 38.852 ng
RT: 9.663 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

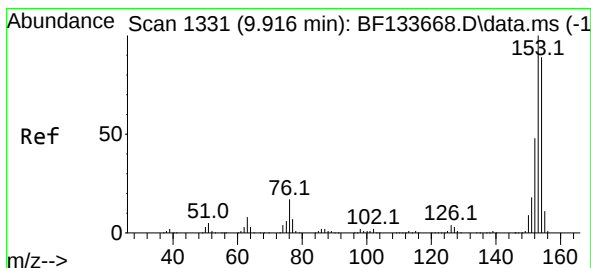
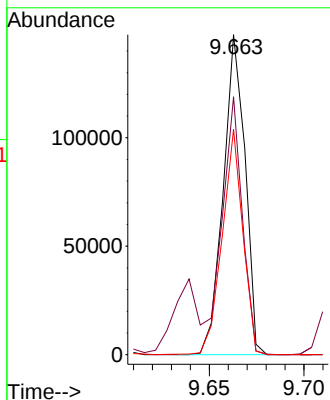
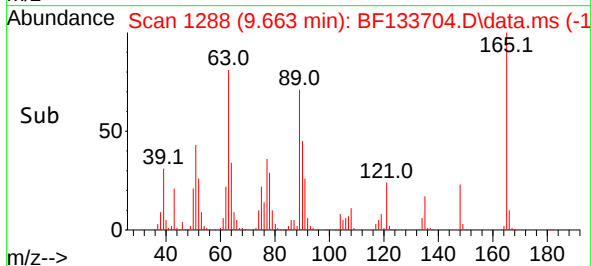


Tgt Ion:165 Resp: 11761
Ion Ratio Lower Upper
165 100
63 80.6 42.1 63.1
89 70.5 40.9 61.3

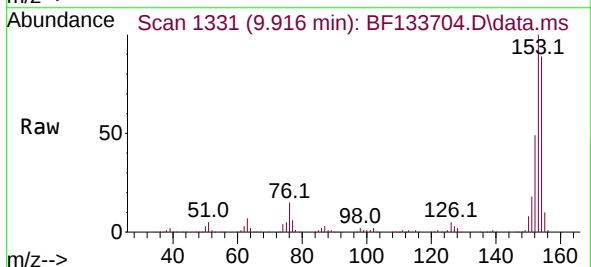
Manual Integrations

APPROVED

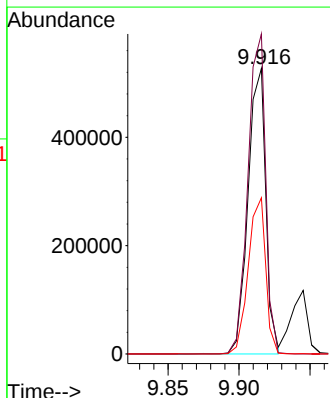
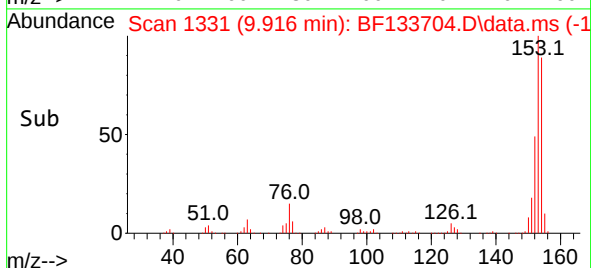
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

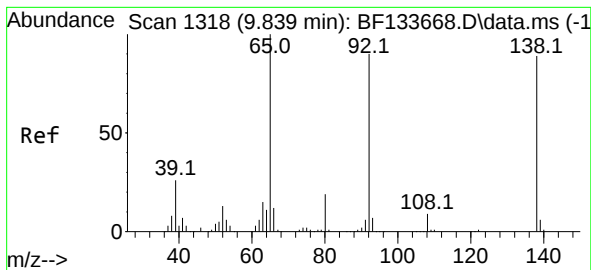


#52
Acenaphthene
Concen: 39.714 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:154 Resp: 459910
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.8
152 54.7 43.4 65.2





#53
3-Nitroaniline
Concen: 25.701 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

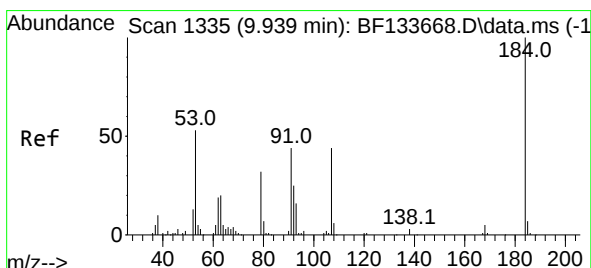
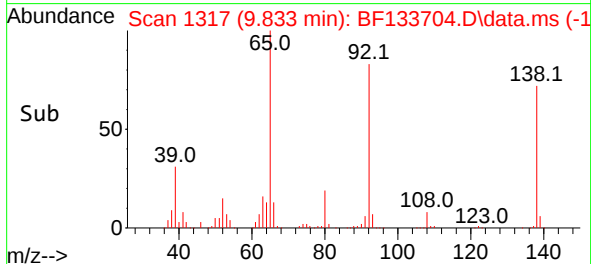
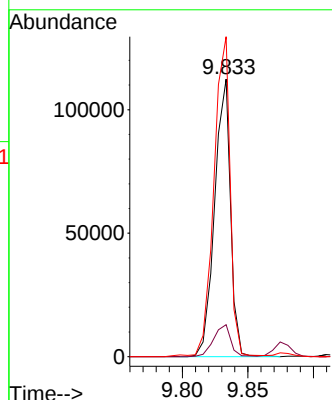
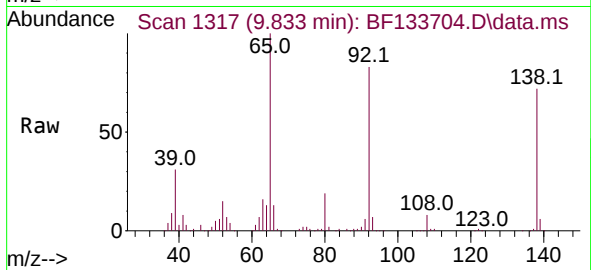
ClientSampleId :

PB153327BS

Tgt Ion:138 Resp: 9468
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 115.3 81.0 121.6

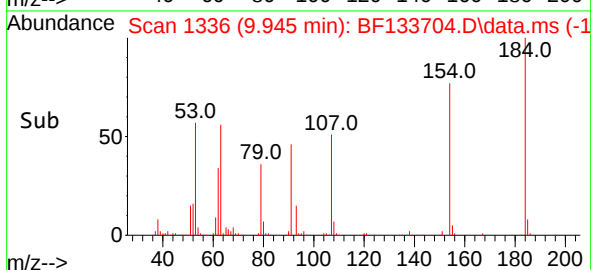
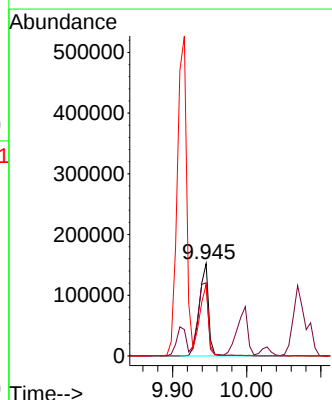
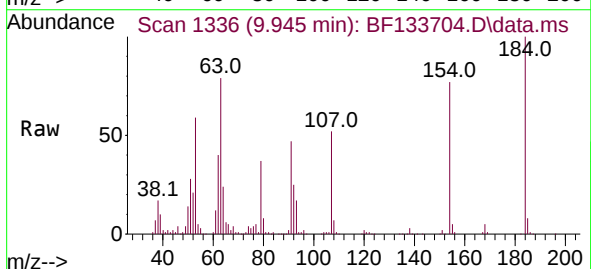
Manual Integrations
APPROVED

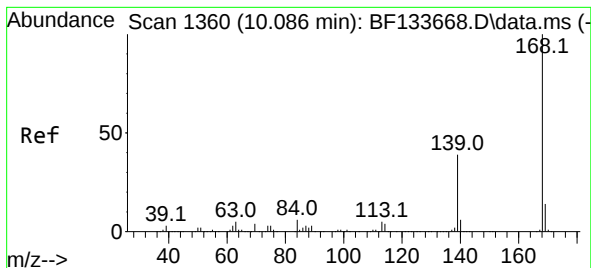
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#54
2,4-Dinitrophenol
Concen: 89.831 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:184 Resp: 134005
Ion Ratio Lower Upper
184 100
63 79.2 55.3 82.9
154 77.2 51.9 77.9





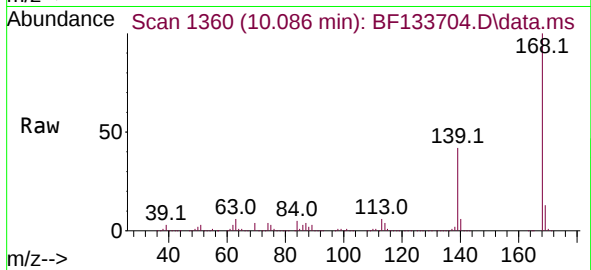
#55
Dibenzofuran
Concen: 39.567 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

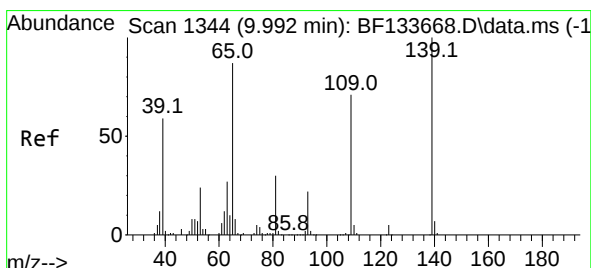
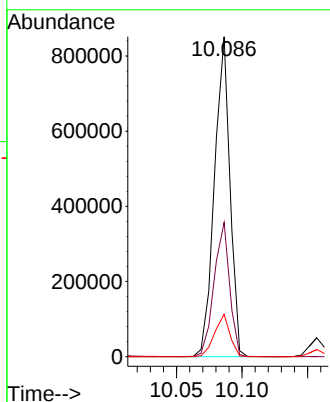
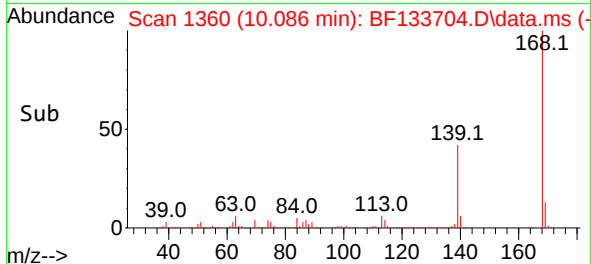


Tgt Ion:168 Resp: 699178
Ion Ratio Lower Upper
168 100
139 41.9 30.9 46.3
169 13.3 10.9 16.3

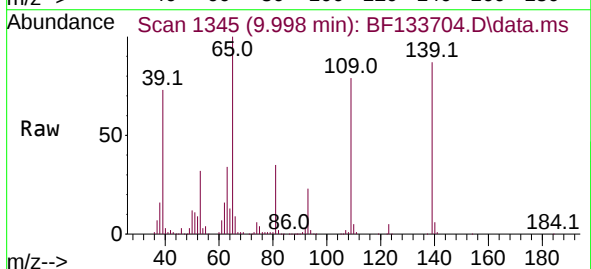
Manual Integrations

APPROVED

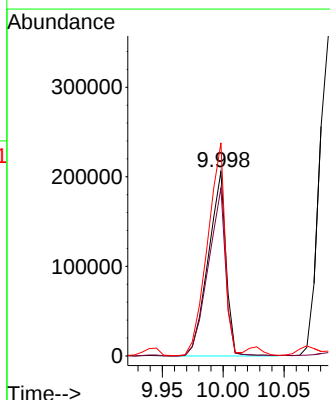
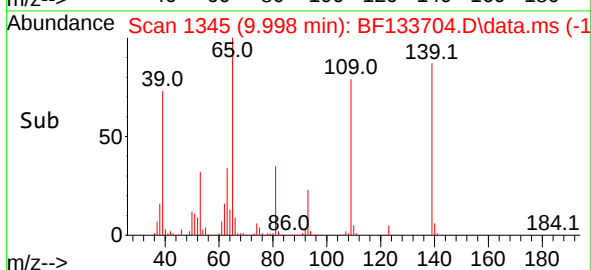
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

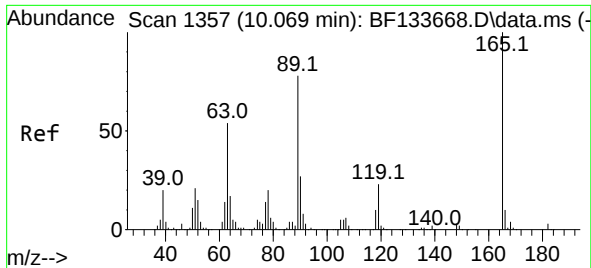


#56
4-Nitrophenol
Concen: 83.764 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:139 Resp: 208258
Ion Ratio Lower Upper
139 100
109 91.0 50.7 90.7#
65 115.6 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 41.144 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

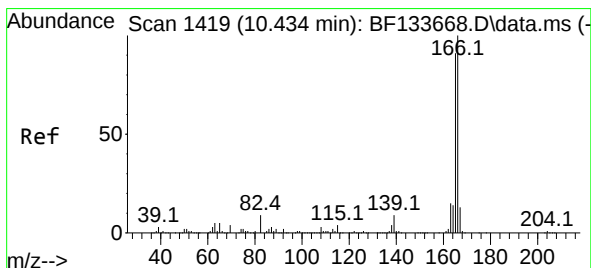
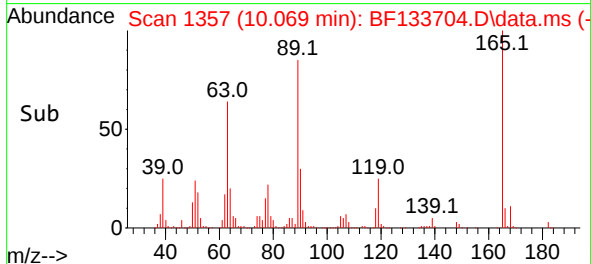
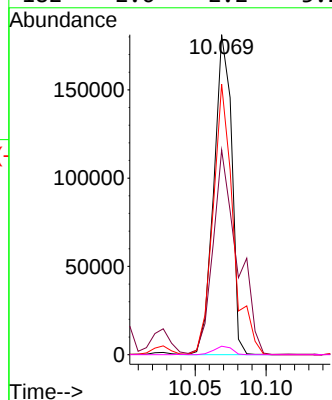
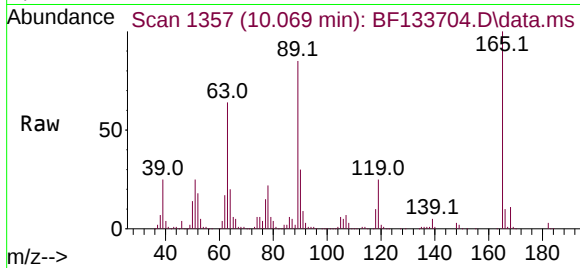
PB153327BS

Tgt Ion:165 Resp: 15840
Ion Ratio Lower Upper
165 100
63 64.0 43.0 64.6
89 84.6 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations

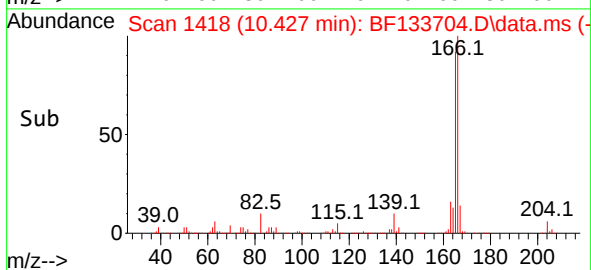
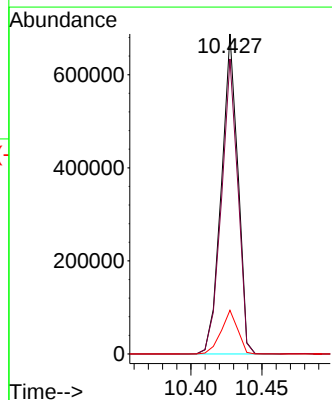
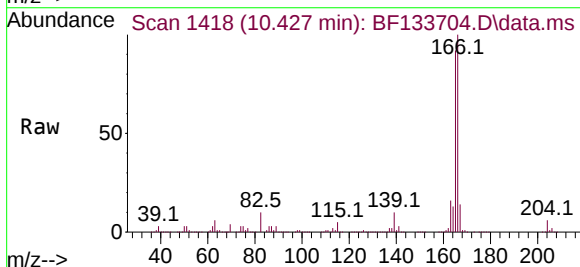
APPROVED

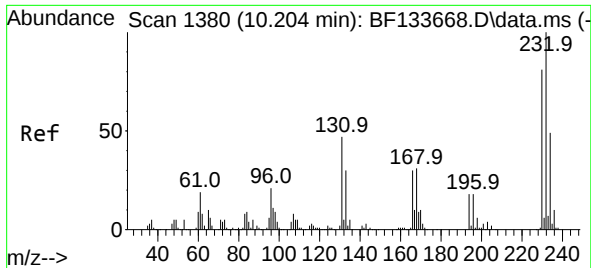
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#58
Fluorene
Concen: 40.883 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:166 Resp: 552471
Ion Ratio Lower Upper
166 100
165 92.2 73.1 109.7
167 13.7 10.5 15.7





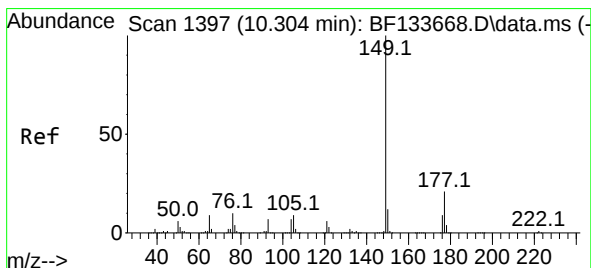
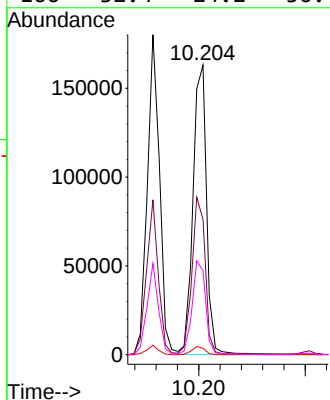
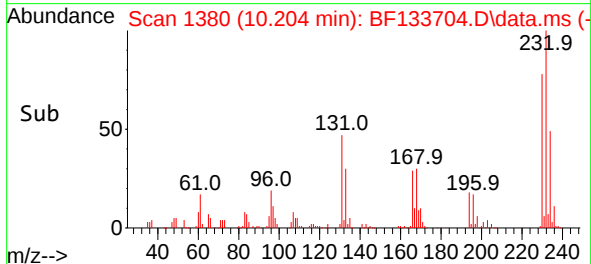
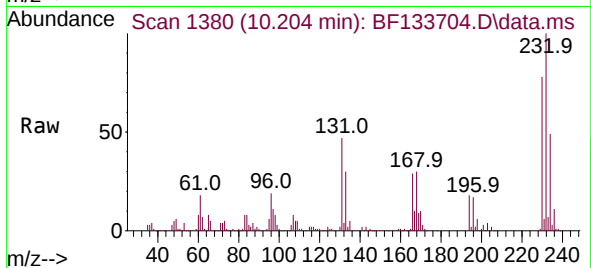
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.402 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :
BNA_F
ClientSampleId :
PB153327BS

Tgt Ion:232 Resp: 14394
Ion Ratio Lower Upper
232 100
131 53.1 38.0 57.0
130 2.7 1.8 2.8
166 32.4 24.2 36.4

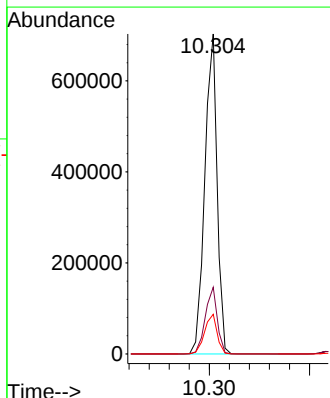
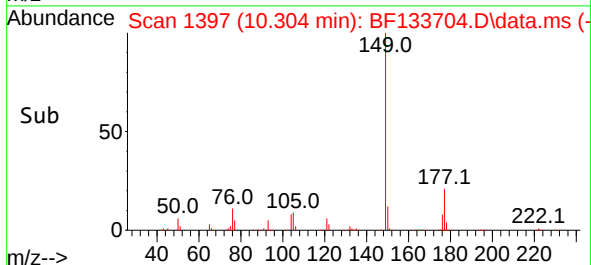
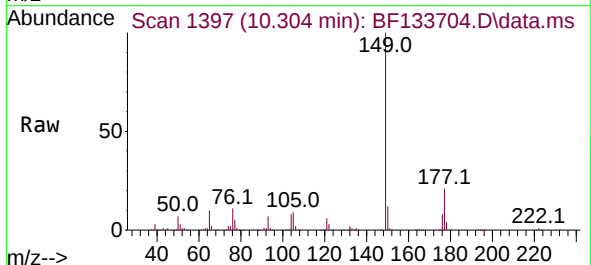
Manual Integrations
APPROVED

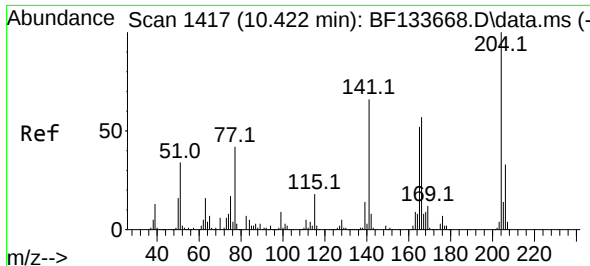
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#60
Diethylphthalate
Concen: 40.301 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

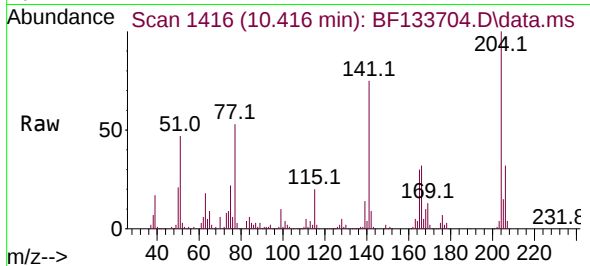
Tgt Ion:149 Resp: 601558
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.897 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

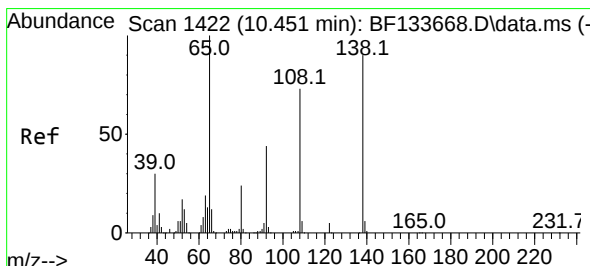
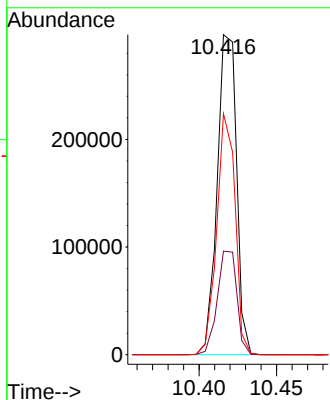
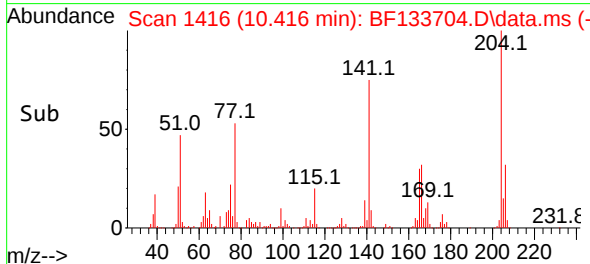
Instrument :
BNA_F
ClientSampleId :
PB153327BS



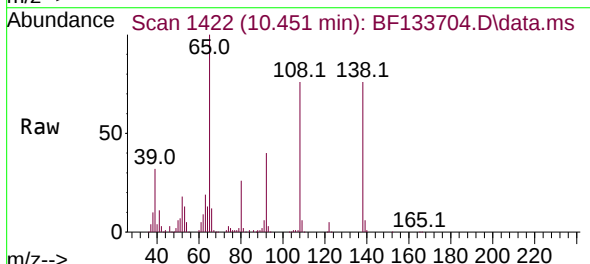
Tgt Ion:204 Resp: 259492
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 75.3 52.8 79.2

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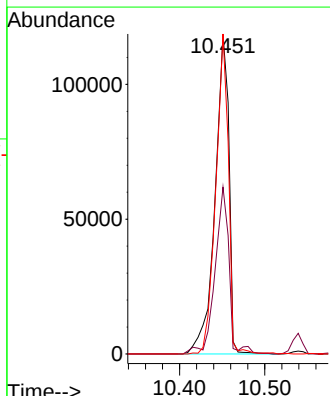
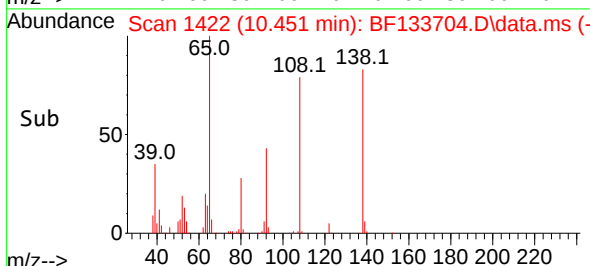
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#62
4-Nitroaniline
Concen: 37.185 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:138 Resp: 134313
Ion Ratio Lower Upper
138 100
92 52.2 28.9 68.9
108 100.1 61.0 101.0





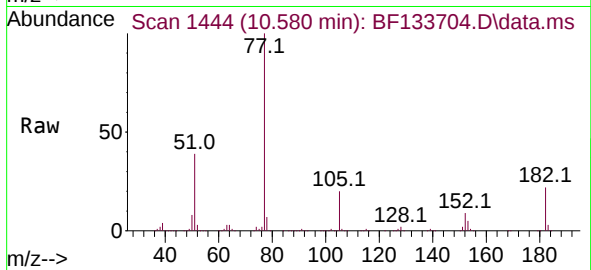
#63
Azobenzene
Concen: 41.026 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.001 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

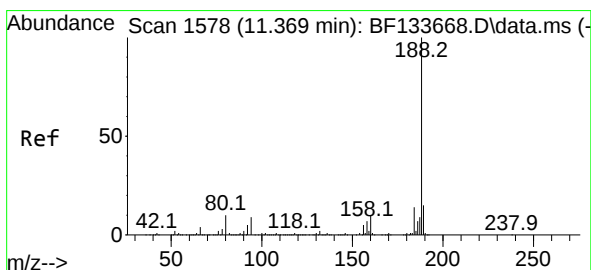
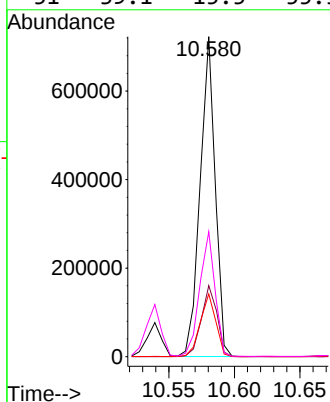
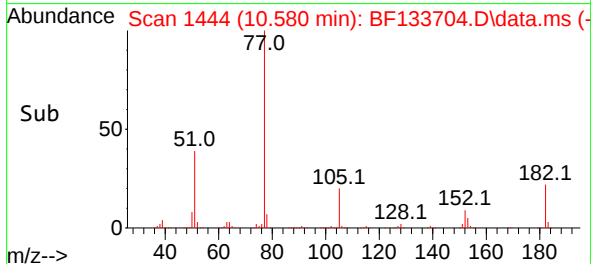


Tgt Ion: 77 Resp: 579727
Ion Ratio Lower Upper
77 100
182 22.2 1.6 41.6
105 19.6 1.6 41.6
51 39.1 15.5 55.5

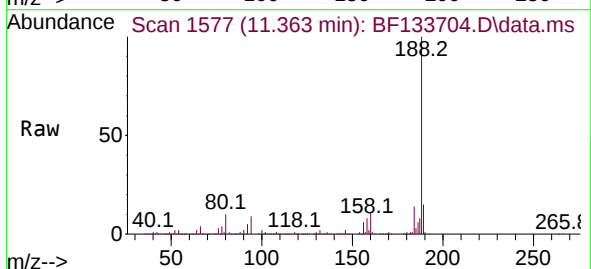
Manual Integrations

APPROVED

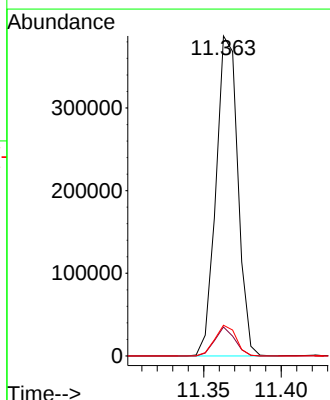
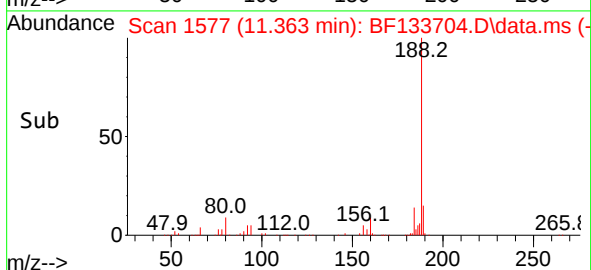
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

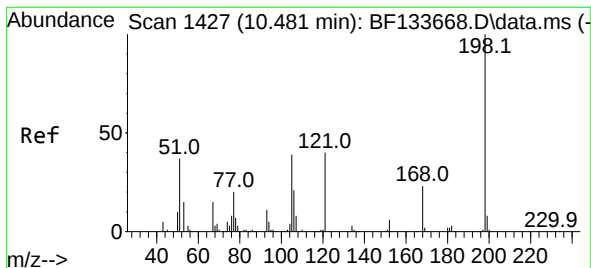


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:188 Resp: 379736
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 9.6 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 46.899 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.001 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

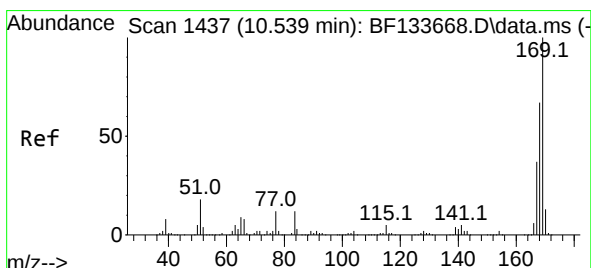
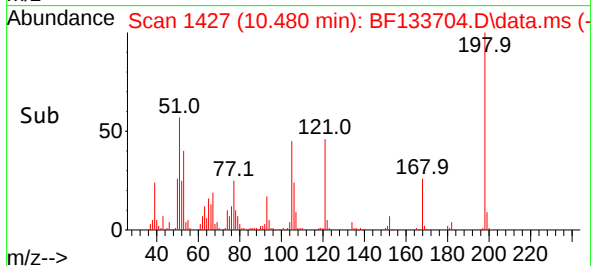
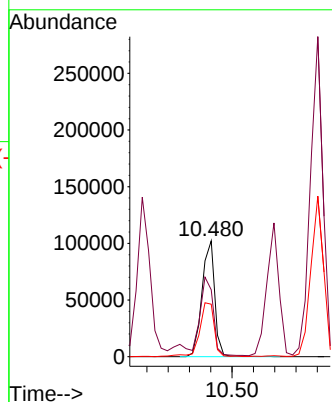
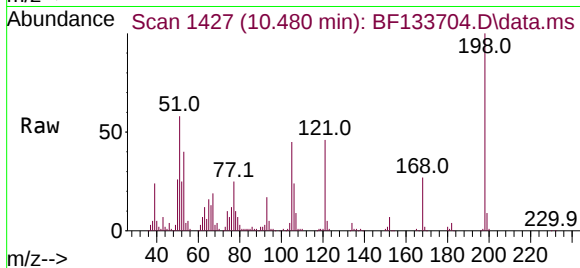
PB153327BS

Tgt Ion:198 Resp: 8510
Ion Ratio Lower Upper
198 100
51 57.7 27.5 67.5
105 45.4 21.0 61.0

Manual Integrations

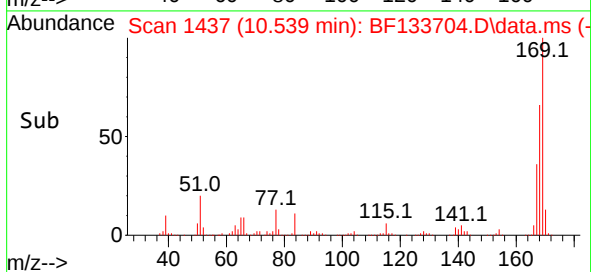
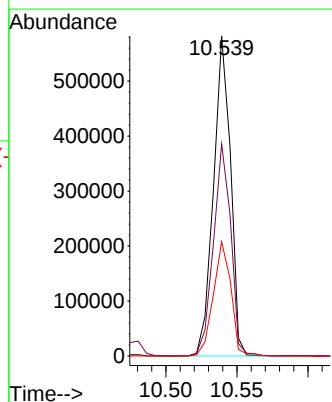
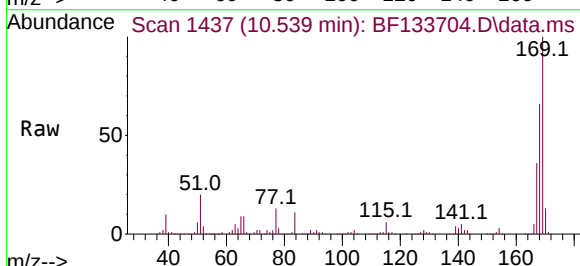
APPROVED

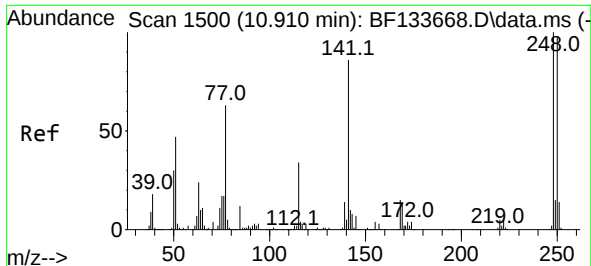
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#66
n-Nitrosodiphenylamine
Concen: 38.078 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:169 Resp: 485704
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 35.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 37.663 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

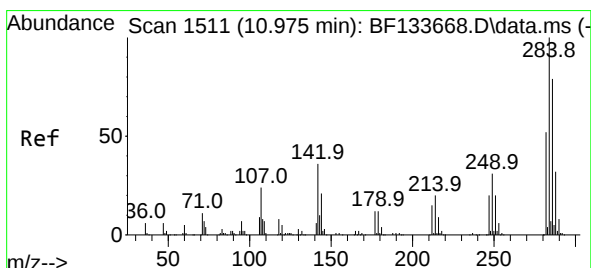
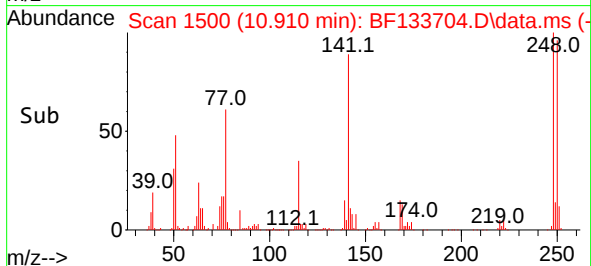
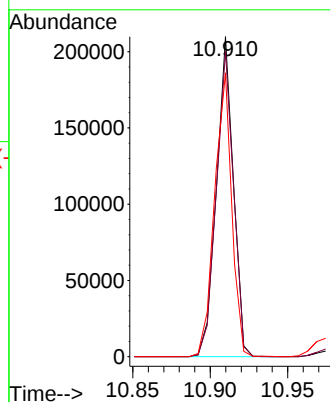
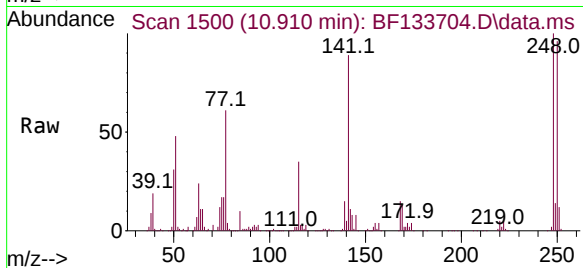
ClientSampleId :

PB153327BS

Tgt Ion:248 Resp: 159627
Ion Ratio Lower Upper
248 100
250 95.5 78.3 117.5
141 88.7 69.0 103.6

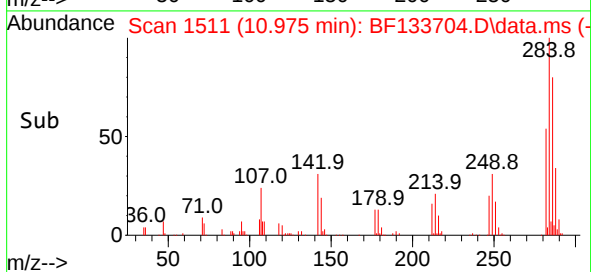
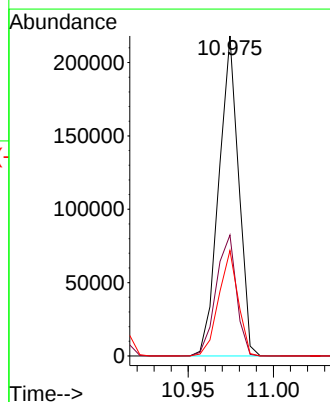
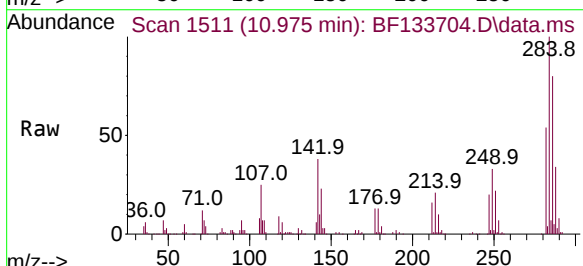
Manual Integrations
APPROVED

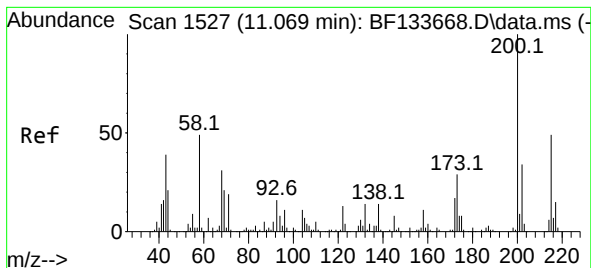
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#68
Hexachlorobenzene
Concen: 39.620 ng
RT: 10.975 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:284 Resp: 176583
Ion Ratio Lower Upper
284 100
142 37.8 28.6 42.8
249 32.9 24.6 36.8





#69

Atrazine

Concen: 43.680 ng

RT: 11.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

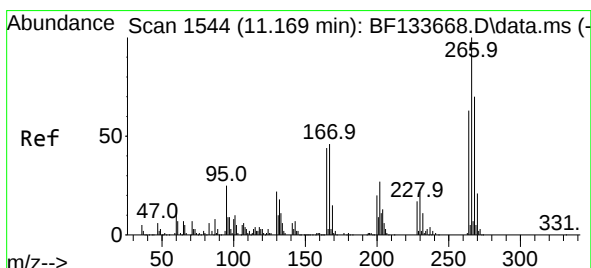
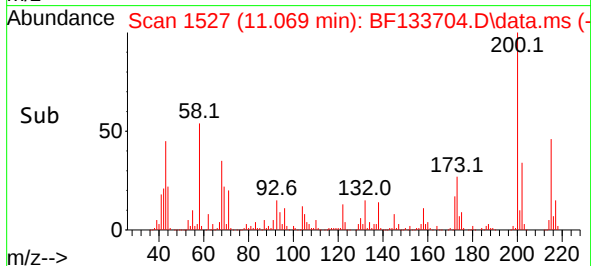
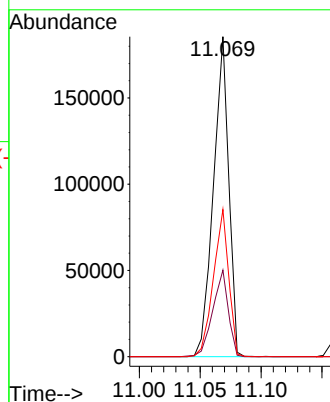
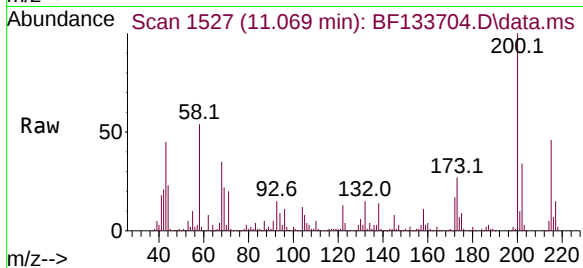
Tgt Ion:200 Resp: 16165
 Ion Ratio Lower Upper
 200 100
 173 27.1 8.7 48.7
 215 46.0 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#70

Pentachlorophenol

Concen: 72.346 ng

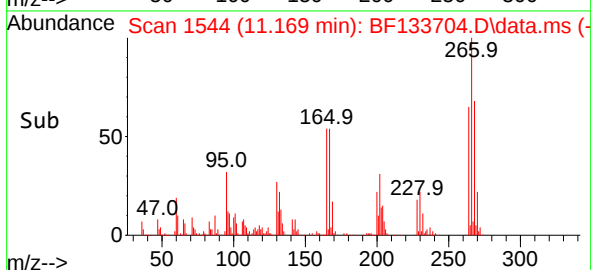
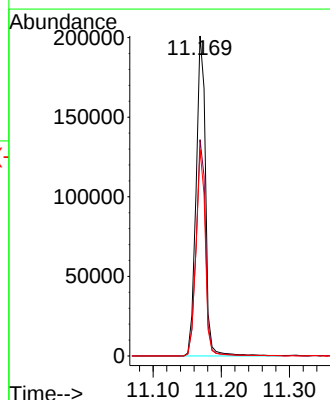
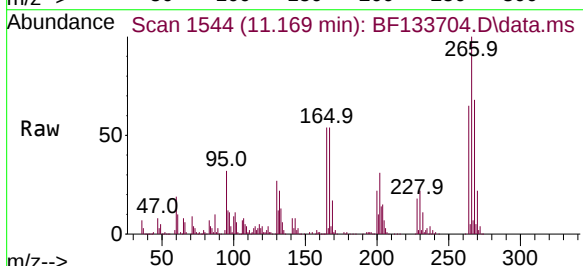
RT: 11.169 min Scan# 1544

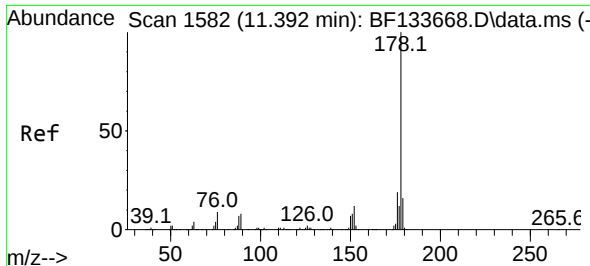
Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

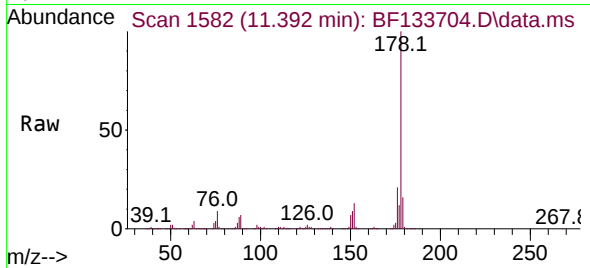
Tgt Ion:266 Resp: 193080
 Ion Ratio Lower Upper
 266 100
 268 67.6 55.7 83.5
 264 64.5 50.7 76.1





#71
Phenanthrene
Concen: 39.884 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

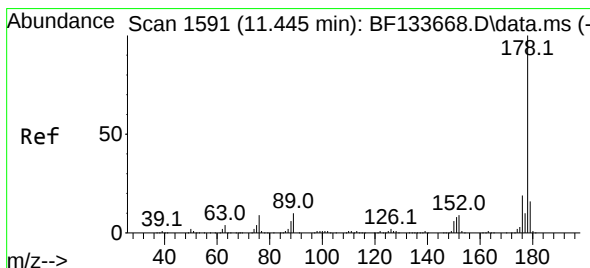
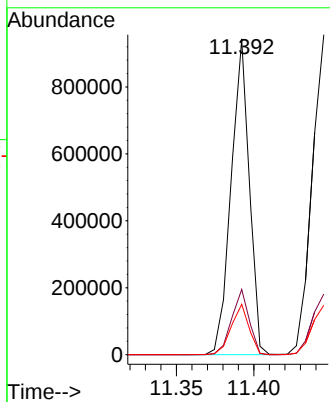
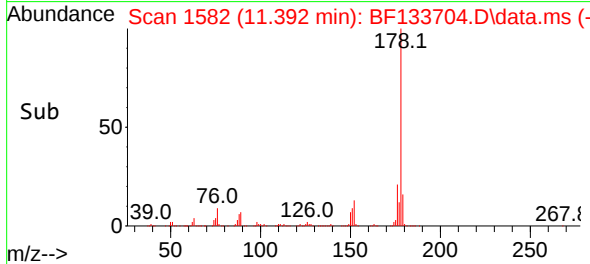
Instrument :
BNA_F
ClientSampleId :
PB153327BS



Tgt Ion:178 Resp: 768400
Ion Ratio Lower Upper
178 100
176 20.7 15.6 23.4
179 15.9 12.4 18.6

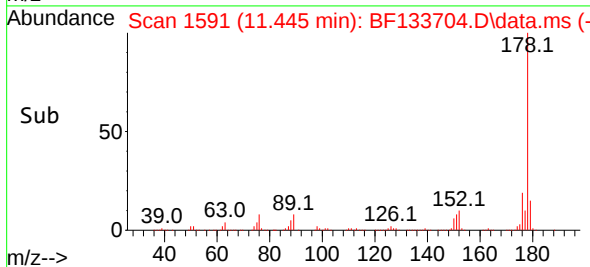
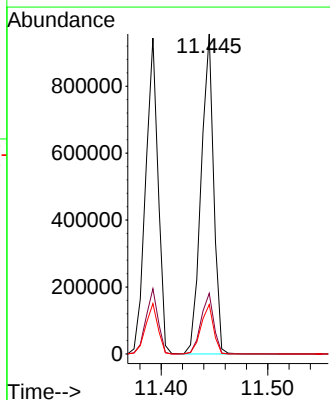
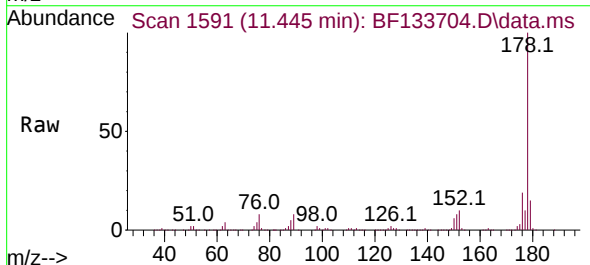
Manual Integrations
APPROVED

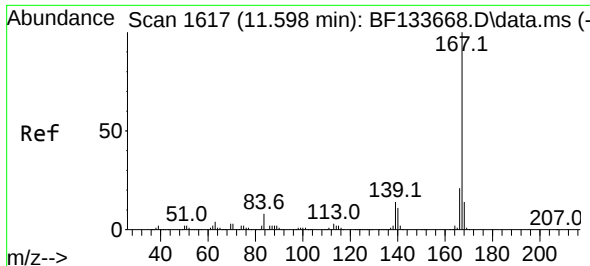
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#72
Anthracene
Concen: 39.085 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:178 Resp: 785162
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.6 18.8





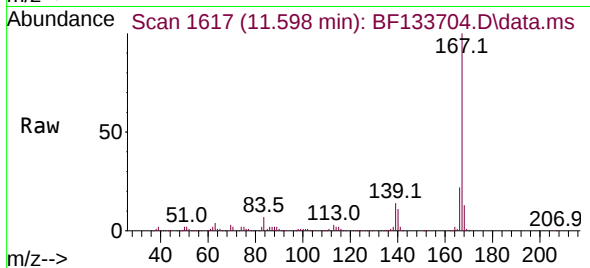
#73
 Carbazole
 Concen: 38.854 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133704.D
 Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

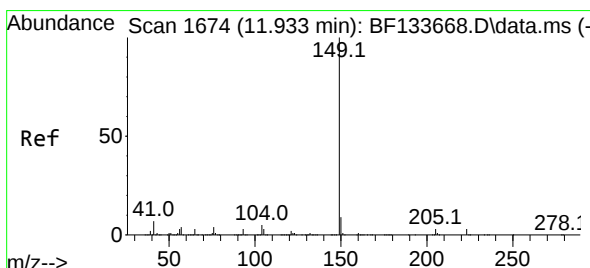
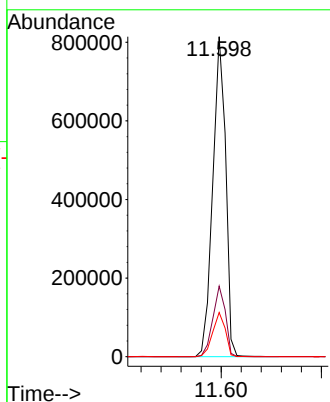
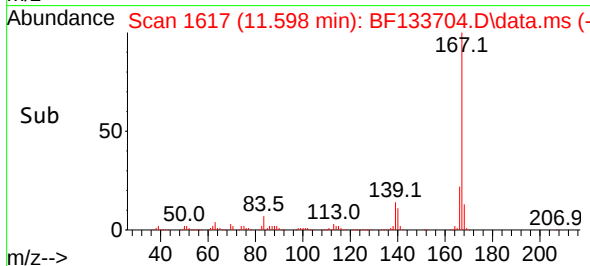


Tgt Ion:167 Resp: 726938
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.8 11.2 16.8

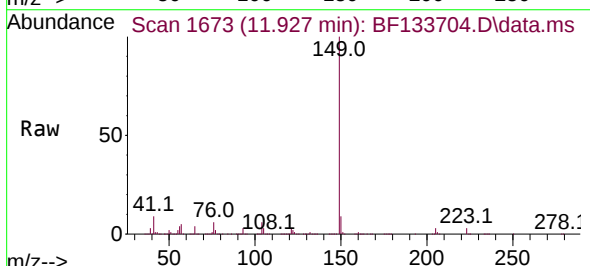
Manual Integrations

APPROVED

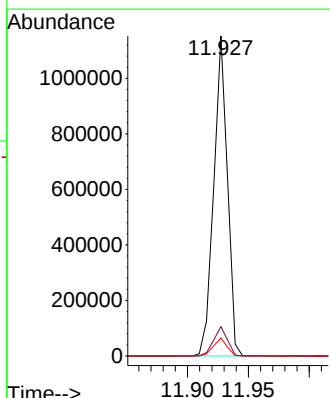
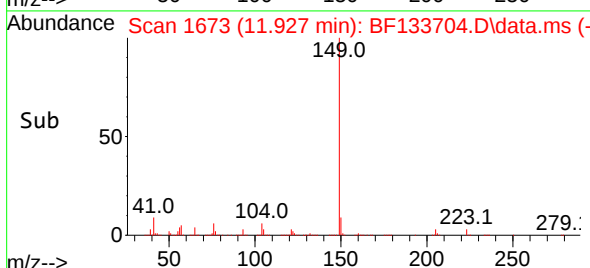
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

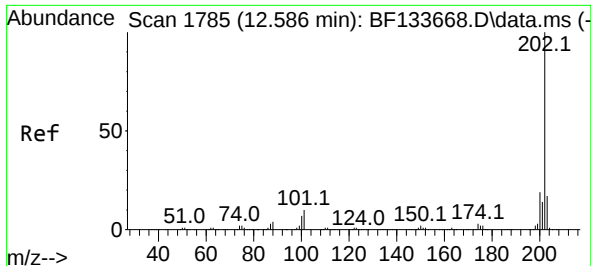


#74
 Di-n-butylphthalate
 Concen: 37.495 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF133704.D
 Acq: 12 Jun 2023 15:06



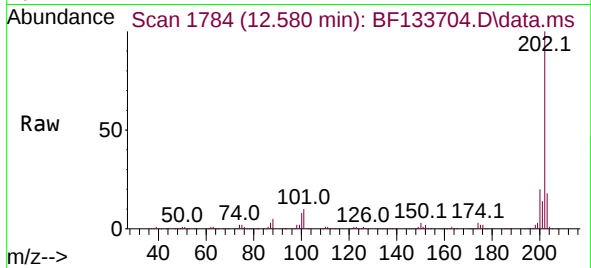
Tgt Ion:149 Resp: 899341
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.7 3.8 5.8





#75
Fluoranthene
Concen: 38.710 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

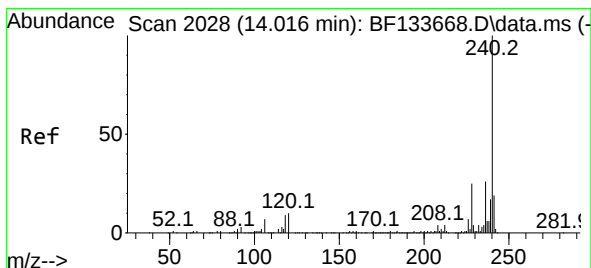
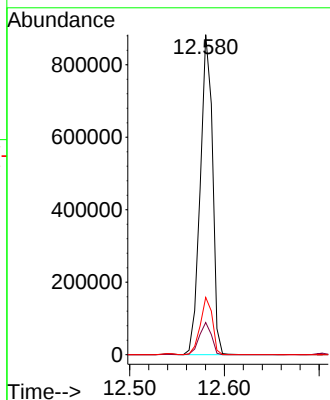
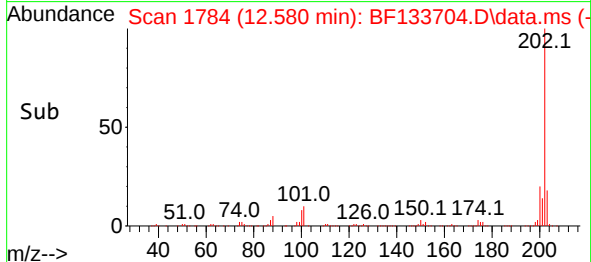
Instrument :
BNA_F
ClientSampleId :
PB153327BS



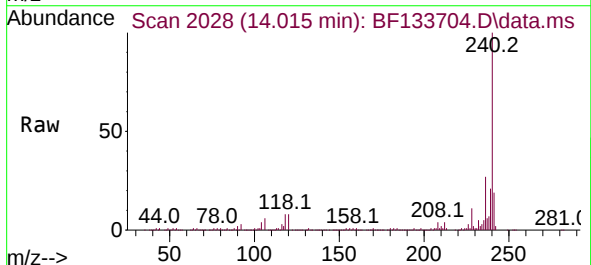
Tgt Ion:202 Resp: 791960
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.9 0.0 37.4

Manual Integrations
APPROVED

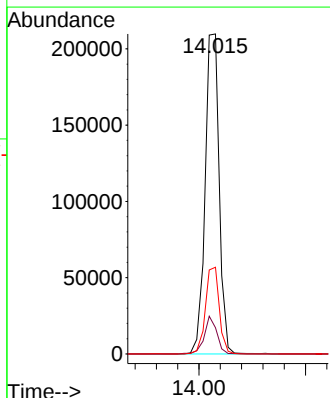
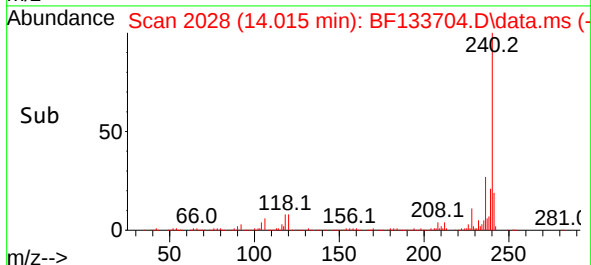
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

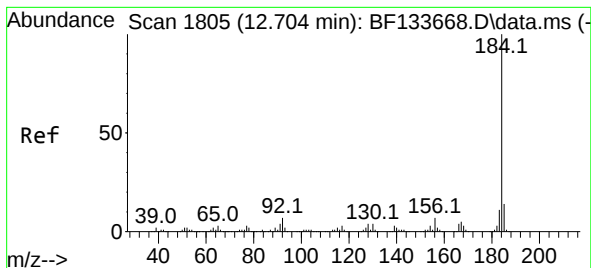


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:240 Resp: 192914
Ion Ratio Lower Upper
240 100
120 8.2 8.1 12.1
236 27.1 20.5 30.7





#77

Benzidine

Concen: 54.525 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

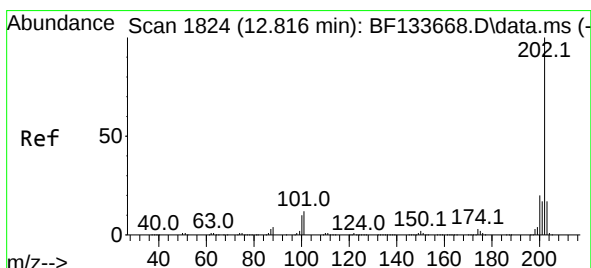
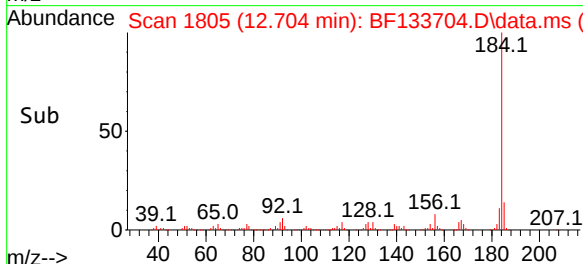
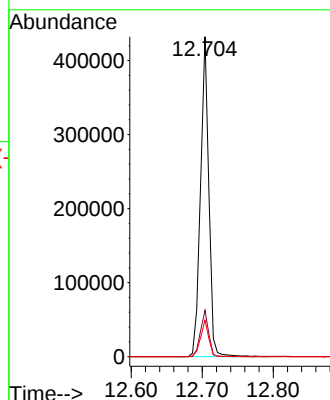
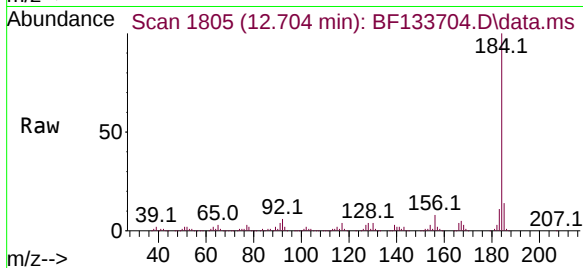
Tgt Ion:184	Resp: 35296
Ion Ratio	Lower Upper
184 100	
185 14.5	11.6 17.4
183 11.4	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#78

Pyrene

Concen: 44.299 ng

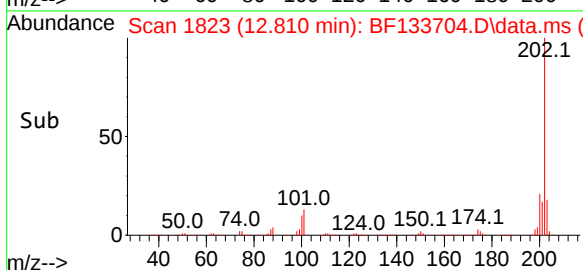
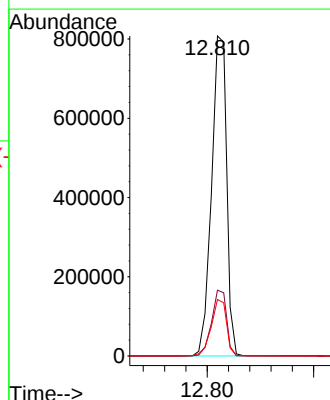
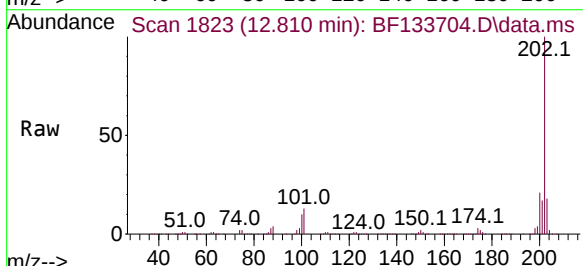
RT: 12.810 min Scan# 1823

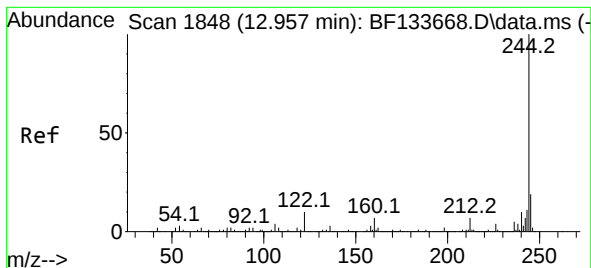
Delta R.T. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Tgt Ion:202	Resp: 796080
Ion Ratio	Lower Upper
202 100	
200 20.6	16.2 24.2
203 17.7	13.9 20.9





#79

Terphenyl-d14

Concen: 87.692 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

Tgt Ion:244 Resp: 109329

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

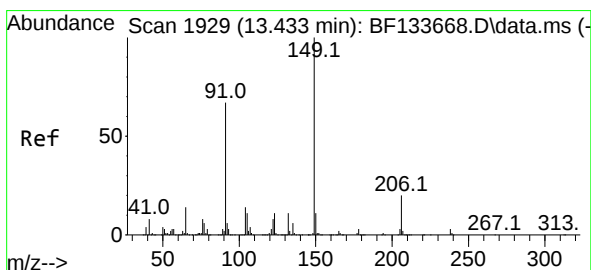
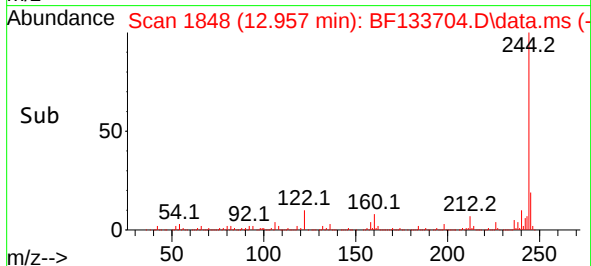
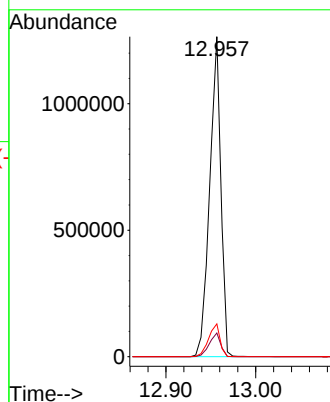
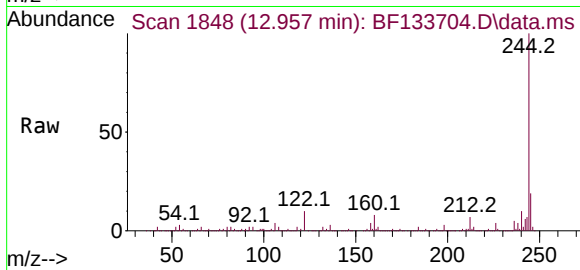
122 10.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#80

Butylbenzylphthalate

Concen: 39.160 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

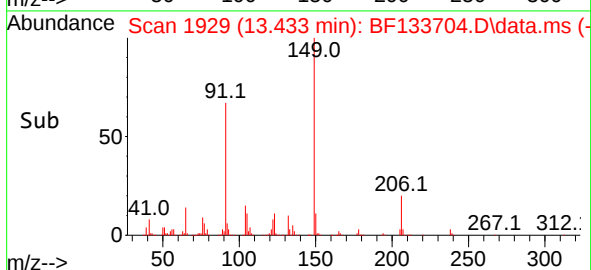
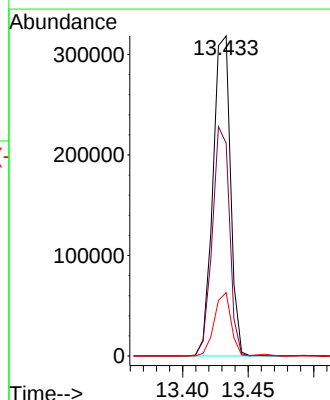
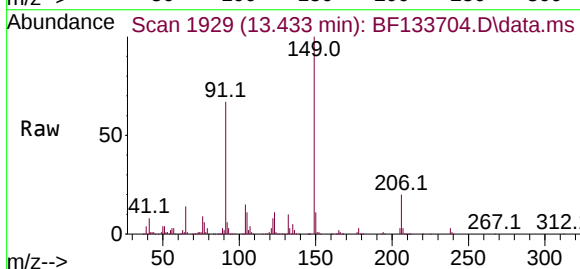
Tgt Ion:149 Resp: 297089

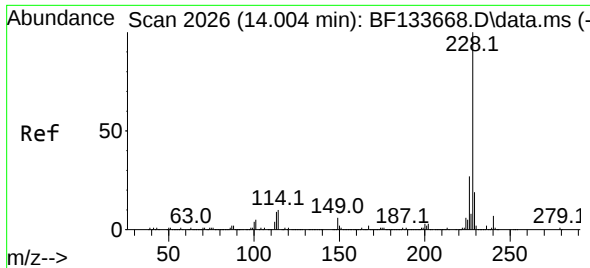
Ion Ratio Lower Upper

149 100

91 66.5 54.0 81.0

206 19.8 15.6 23.4





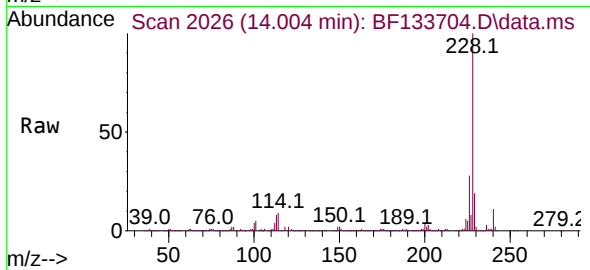
#81
Benzo(a)anthracene
Concen: 41.200 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

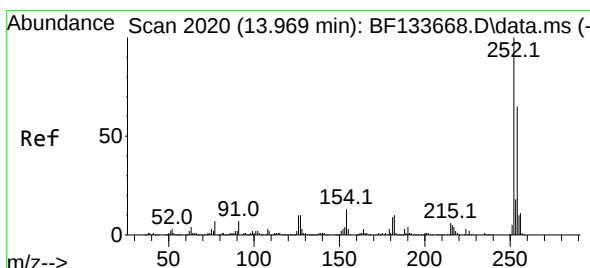
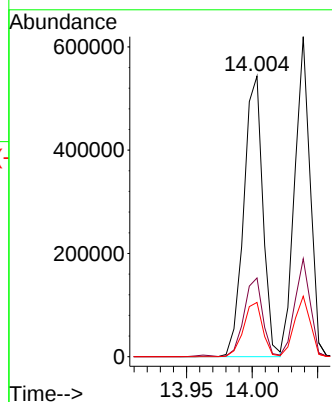
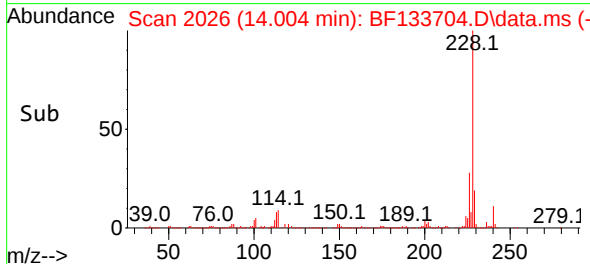


Tgt Ion:228 Resp: 549772
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.4 15.4 23.2

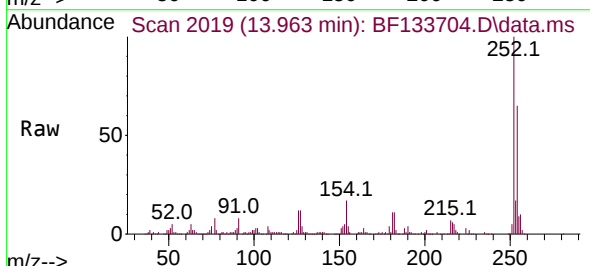
Manual Integrations

APPROVED

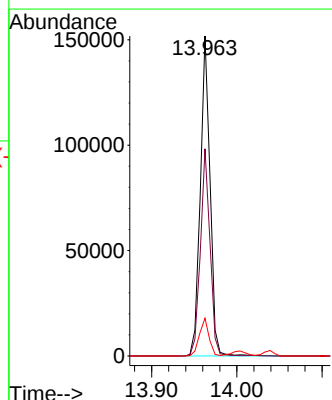
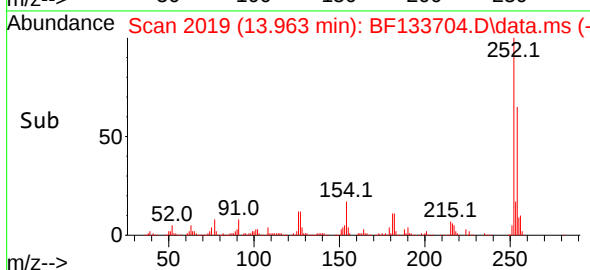
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

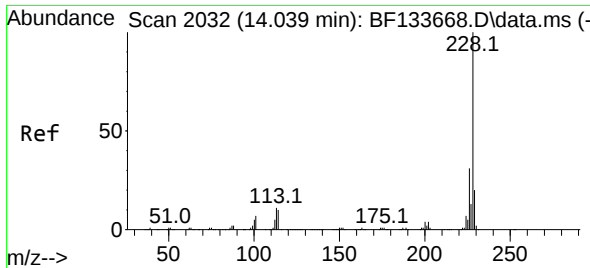


#82
3,3'-Dichlorobenzidine
Concen: 27.209 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:252 Resp: 120707
Ion Ratio Lower Upper
252 100
254 64.8 51.9 77.9
126 11.8 7.7 11.5#





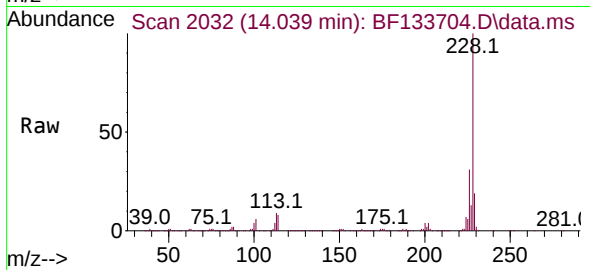
#83
Chrysene
Concen: 39.944 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

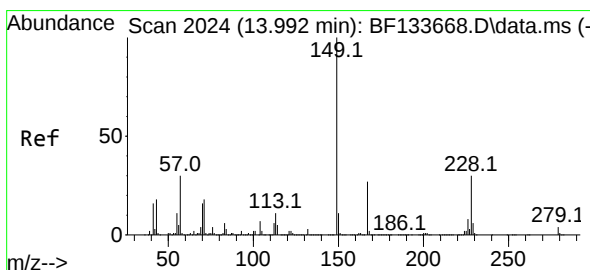
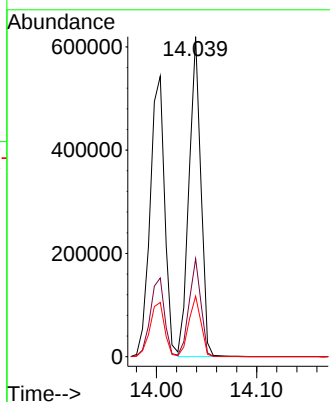
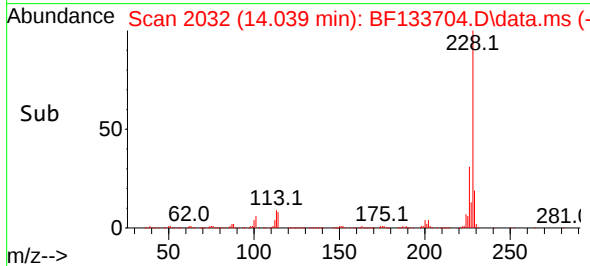


Tgt Ion:228 Resp: 504128
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 18.9 15.8 23.8

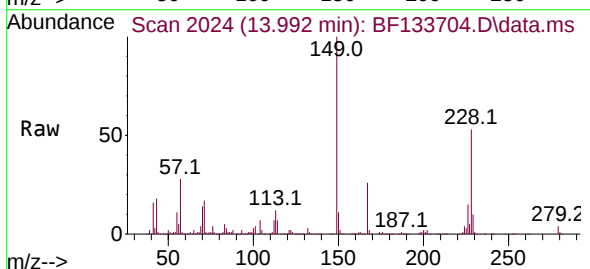
Manual Integrations

APPROVED

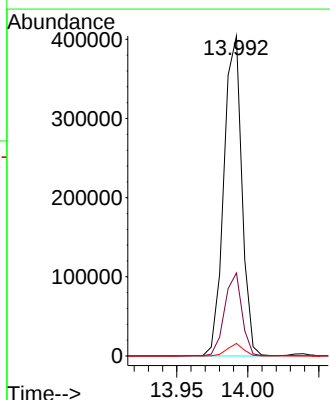
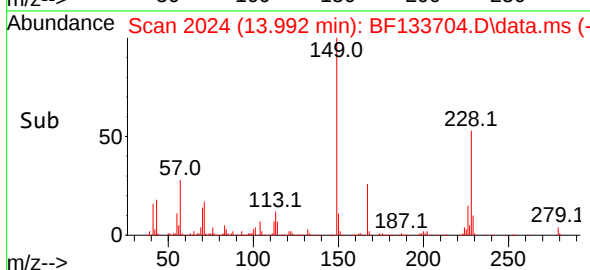
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

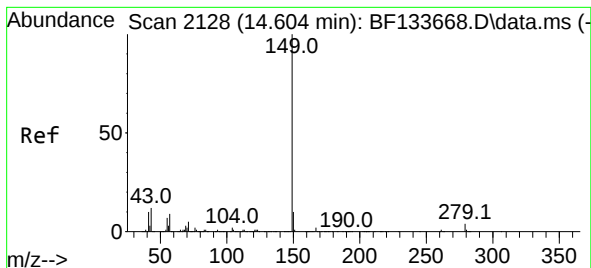


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.193 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06



Tgt Ion:149 Resp: 356768
Ion Ratio Lower Upper
149 100
167 26.0 21.8 32.8
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.359 ng

RT: 14.604 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

PB153327BS

Tgt Ion:149 Resp: 535740

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

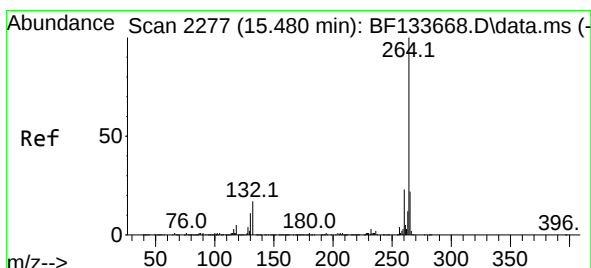
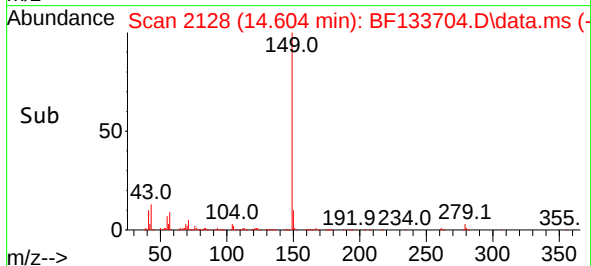
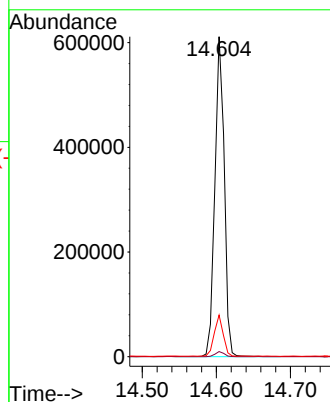
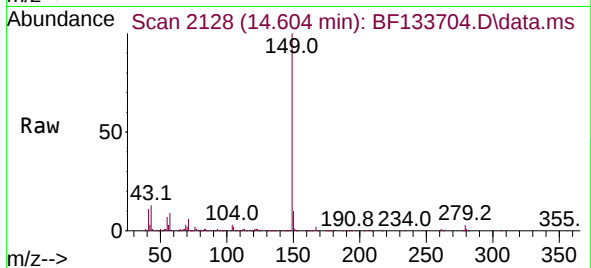
43 12.4 8.7 13.1

Manual Integrations

APPROVED

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. -0.006 min

Lab File: BF133704.D

Acq: 12 Jun 2023 15:06

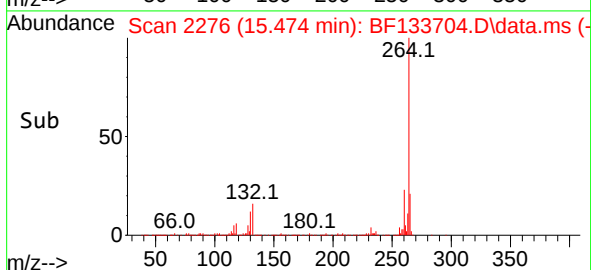
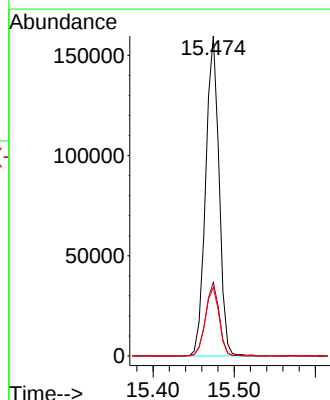
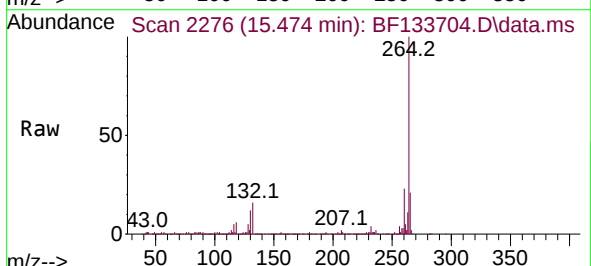
Tgt Ion:264 Resp: 182207

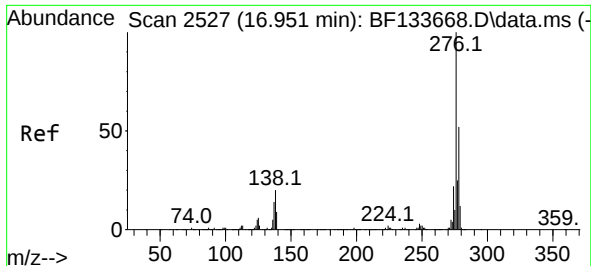
Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.4 17.8 26.6





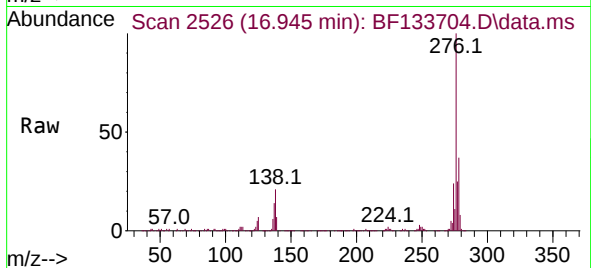
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.815 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

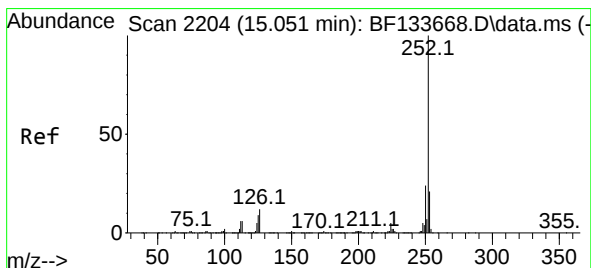
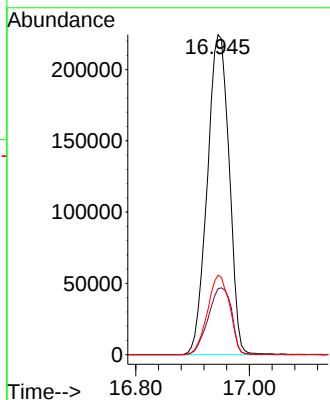
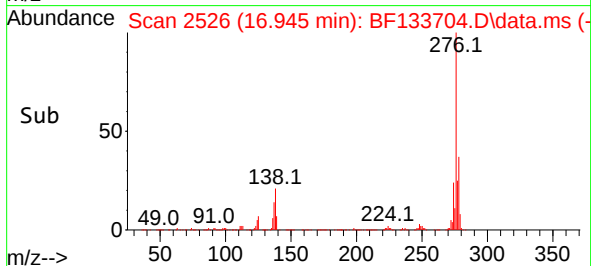
PB153327BS



Tgt Ion:276 Resp: 599384
Ion Ratio Lower Upper
276 100
138 22.5 17.9 26.9
277 25.2 20.3 30.5

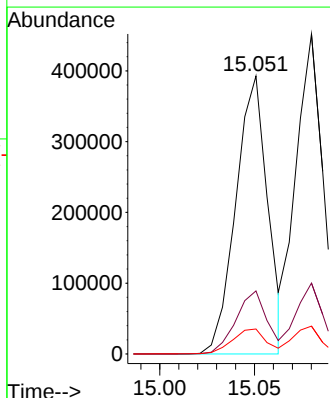
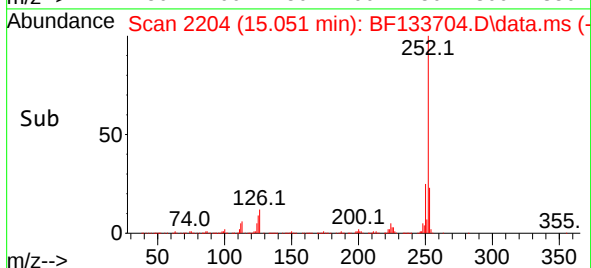
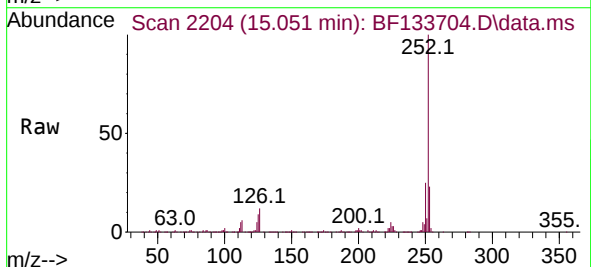
Manual Integrations
APPROVED

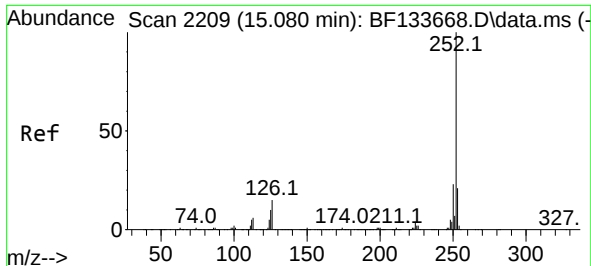
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#88
Benzo(b)fluoranthene
Concen: 41.482 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:252 Resp: 459131
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.0 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 40.928 ng
RT: 15.080 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

ClientSampleId :

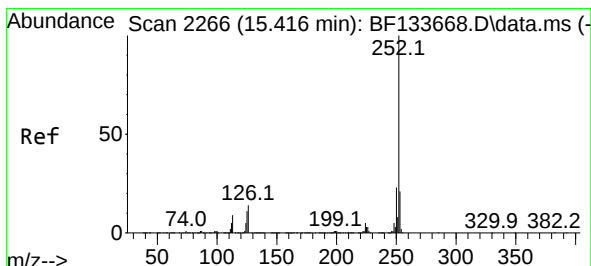
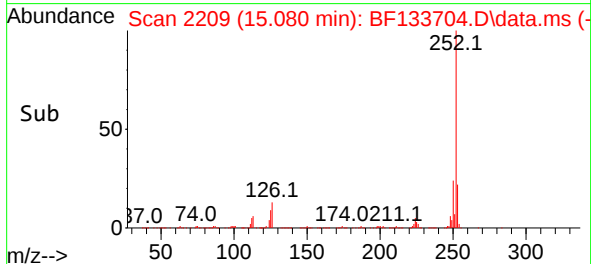
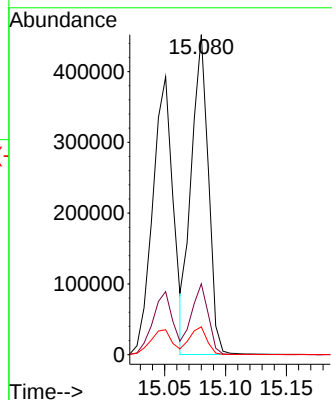
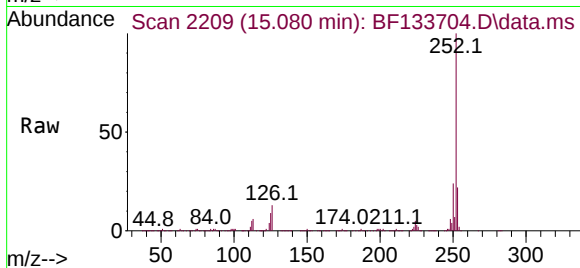
PB153327BS

Tgt Ion:252 Resp: 441283
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.7 7.8 11.6

Manual Integrations

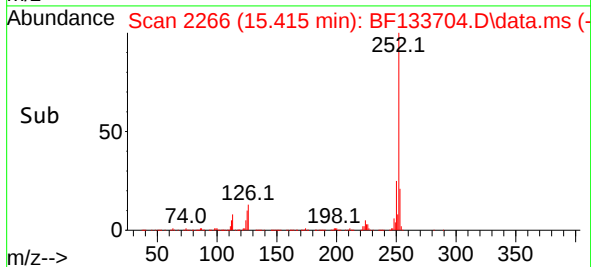
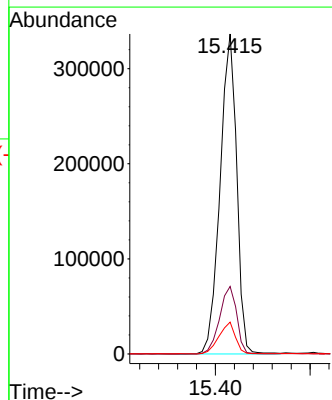
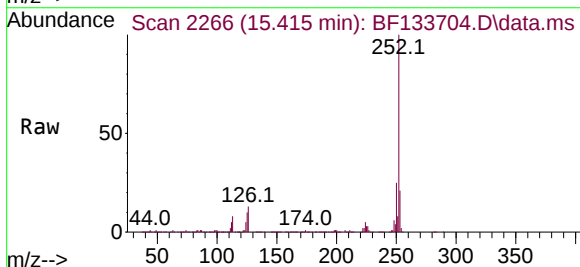
APPROVED

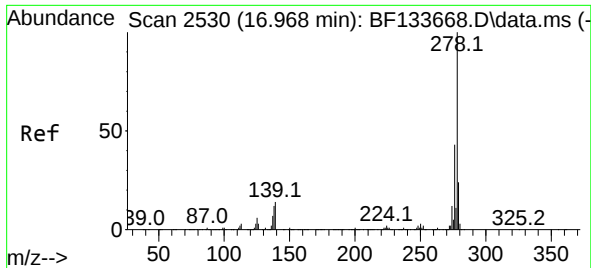
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#90
Benzo(a)pyrene
Concen: 39.986 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:252 Resp: 410741
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 47.990 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Instrument :

BNA_F

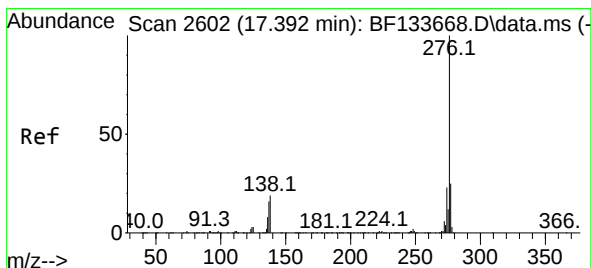
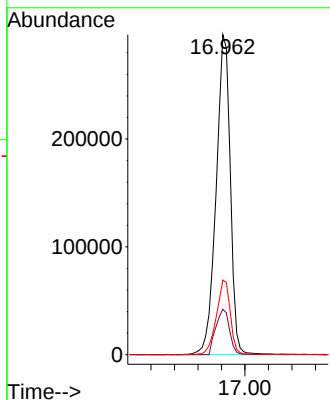
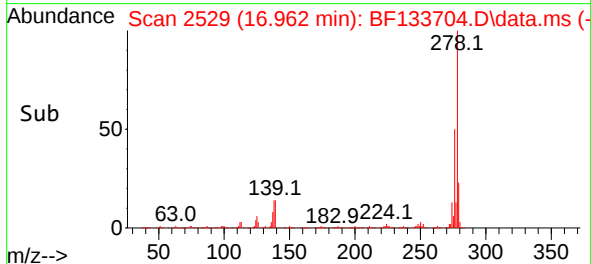
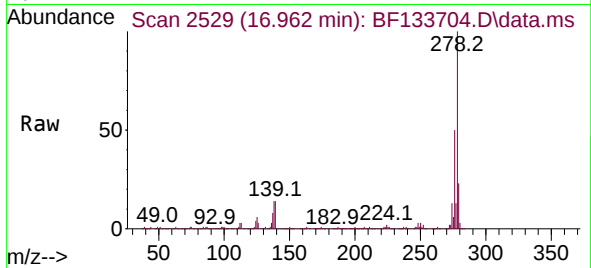
ClientSampleId :

PB153327BS

Tgt Ion:278 Resp: 498038
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 23.3 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: 48.125 ng
RT: 17.398 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF133704.D
Acq: 12 Jun 2023 15:06

Tgt Ion:276 Resp: 495182
Ion Ratio Lower Upper
276 100
277 22.5 19.8 29.8
138 17.7 15.0 22.4

