

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133537.D
 Acq On : 31 May 2023 13:29
 Operator : CG\JU
 Sample : PB153095BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153095BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

Quant Time: May 31 15:20:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	137617	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	518987	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	256540	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	518242	20.000	ng	0.00
76) Chrysene-d12	14.004	240	367296	20.000	ng	0.00
86) Perylene-d12	15.457	264	321942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	801287	97.148	ng	0.01
7) Phenol-d6	6.463	99	980108	96.529	ng	0.00
23) Nitrobenzene-d5	7.398	82	634456	81.624	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	283384	110.817	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1142303	68.725	ng	0.00
79) Terphenyl-d14	12.945	244	1282519	62.083	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	161005	43.222	ng	99
3) Pyridine	3.387	79	400984	38.391	ng	98
4) n-Nitrosodimethylamine	3.346	42	237791	41.746	ng	95
6) Aniline	6.492	93	515463	37.390	ng	99
8) 2-Chlorophenol	6.616	128	371650	45.729	ng	100
9) Benzaldehyde	6.381	77	238098	48.965	ng	97
10) Phenol	6.475	94	462408m	45.398	ng	
11) bis(2-Chloroethyl)ether	6.569	93	361731	42.953	ng	97
12) 1,3-Dichlorobenzene	6.775	146	403079	44.674	ng	98
13) 1,4-Dichlorobenzene	6.851	146	407948	45.098	ng	99
14) 1,2-Dichlorobenzene	7.004	146	379115	45.416	ng	98
15) Benzyl Alcohol	6.975	79	336774	43.688	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	686486	42.979	ng	99
17) 2-Methylphenol	7.087	107	317610	41.267	ng	98
18) Hexachloroethane	7.345	117	147143	47.042	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	265259	40.378	ng	96
20) 3+4-Methylphenols	7.239	107	378387	43.487	ng	# 89
22) Acetophenone	7.245	105	508650	42.559	ng	# 94
24) Nitrobenzene	7.416	77	410484	49.563	ng	100
25) Isophorone	7.657	82	760230	41.966	ng	99
26) 2-Nitrophenol	7.734	139	201388	52.564	ng	97
27) 2,4-Dimethylphenol	7.769	122	342578	44.445	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	443473	42.217	ng	98
29) 2,4-Dichlorophenol	7.969	162	316715	45.671	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	321907	42.916	ng	98
31) Naphthalene	8.139	128	1063420	42.264	ng	99
32) Benzoic acid	7.886	122	254457	49.794	ng	96
33) 4-Chloroaniline	8.186	127	243695	22.598	ng	96
34) Hexachlorobutadiene	8.257	225	195464	42.840	ng	100
35) Caprolactam	8.563	113	115669m	50.860	ng	
36) 4-Chloro-3-methylphenol	8.663	107	353451	45.501	ng	98
37) 2-Methylnaphthalene	8.828	142	706617	41.132	ng	98
38) 1-Methylnaphthalene	8.928	142	662587	41.376	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	315139	41.446	ng	99
41) Hexachlorocyclopentadiene	8.986	237	392057	100.618	ng	100
43) 2,4,6-Trichlorophenol	9.104	196	222049	45.639	ng	100

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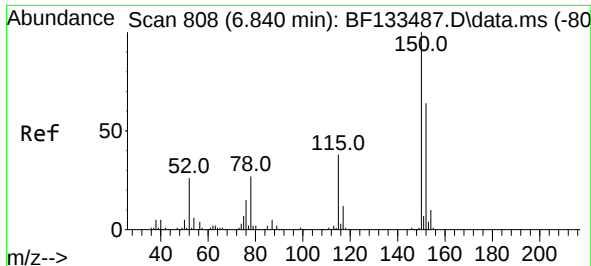
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	244009	43.209	ng	94
46) 1,1'-Biphenyl	9.298	154	888478	42.628	ng	99
47) 2-Chloronaphthalene	9.322	162	651582	43.136	ng	99
48) 2-Nitroaniline	9.416	65	231434	47.744	ng	96
49) Acenaphthylene	9.733	152	1104905	42.863	ng	99
50) Dimethylphthalate	9.598	163	772414	42.839	ng	100
51) 2,6-Dinitrotoluene	9.657	165	172509	50.143	ng	95
52) Acenaphthene	9.910	154	741600	47.492	ng	99
53) 3-Nitroaniline	9.828	138	152695	36.355	ng	# 89
54) 2,4-Dinitrophenol	9.933	184	186289	97.813	ng	95
55) Dibenzofuran	10.080	168	969152	41.717	ng	99
56) 4-Nitrophenol	9.986	139	318912	103.381	ng	97
57) 2,4-Dinitrotoluene	10.063	165	224790	52.354	ng	# 83
58) Fluorene	10.422	166	714903	42.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	204550	48.095	ng	99
60) Diethylphthalate	10.298	149	794497	42.447	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	332908	40.734	ng	99
62) 4-Nitroaniline	10.445	138	204085	47.179	ng	99
63) Azobenzene	10.575	77	777109	41.476	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	118738	54.571	ng	# 70
66) n-Nitrosodiphenylamine	10.533	169	668947	39.759	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	220409	40.047	ng	98
68) Hexachlorobenzene	10.969	284	246667	42.858	ng	94
69) Atrazine	11.063	200	219284	47.502	ng	100
70) Pentachlorophenol	11.163	266	283569	82.400	ng	99
71) Phenanthrene	11.386	178	1070577	40.786	ng	100
72) Anthracene	11.439	178	1093866	40.491	ng	99
73) Carbazole	11.592	167	1071824	41.953	ng	99
74) Di-n-butylphthalate	11.927	149	1232712	40.805	ng	100
75) Fluoranthene	12.574	202	1196697	41.275	ng	98
77) Benzidine	12.698	184	795219	74.025	ng	99
78) Pyrene	12.804	202	1238881	39.638	ng	99
80) Butylbenzylphthalate	13.427	149	534326	43.208	ng	97
81) Benzo(a)anthracene	13.992	228	984820	40.249	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	248701	32.515	ng	98
83) Chrysene	14.027	228	998914	40.441	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	638250	41.290	ng	98
85) Di-n-octyl phthalate	14.604	149	1188519	46.156	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	927105	45.209	ng	100
88) Benzo(b)fluoranthene	15.033	252	961881	45.883	ng	99
89) Benzo(k)fluoranthene	15.062	252	823602	40.291	ng	98
90) Benzo(a)pyrene	15.398	252	752209	39.432	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	745906	44.862	ng	99
92) Benzo(g,h,i)perylene	17.351	276	777473	46.374	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133537.D
 Acq: 31 May 2023 13:29

Instrument :

BNA_F

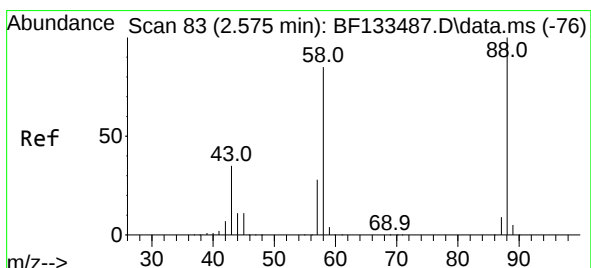
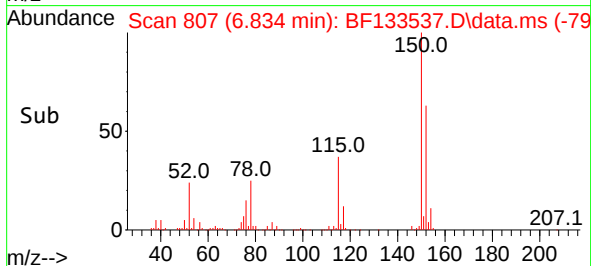
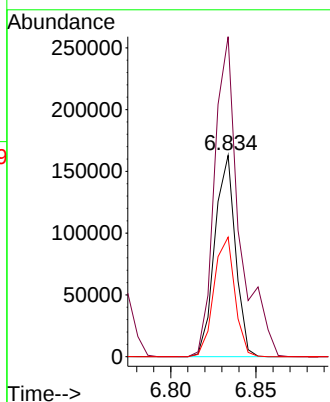
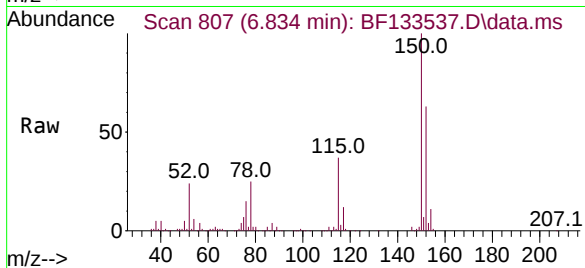
ClientSampleId :

PB153095BS

Tgt Ion:152 Resp: 13761
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.9 187.3
 115 59.4 48.1 72.1

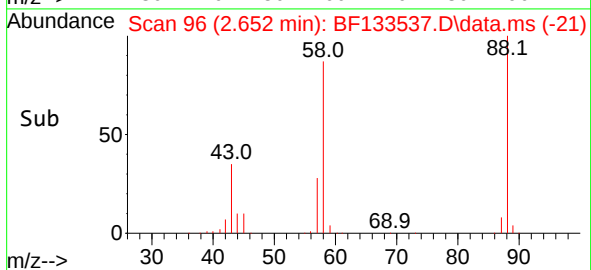
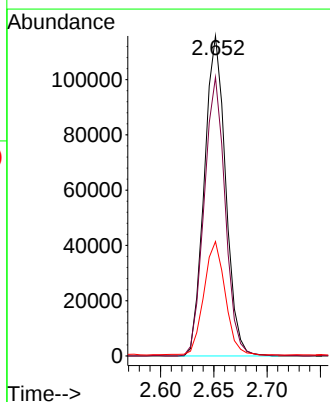
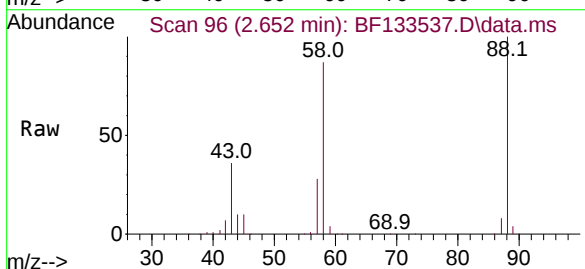
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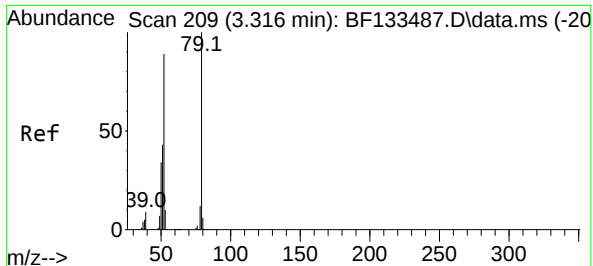
Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023



#2
 1,4-Dioxane
 Concen: 43.222 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.094 min
 Lab File: BF133537.D
 Acq: 31 May 2023 13:29

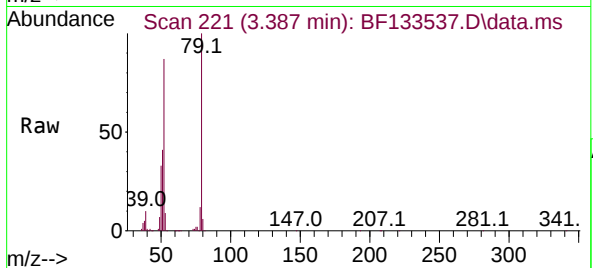
Tgt Ion: 88 Resp: 161005
 Ion Ratio Lower Upper
 88 100
 58 86.1 67.7 101.5
 43 35.5 28.2 42.4





#3
Pyridine
Concen: 38.391 ng
RT: 3.387 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

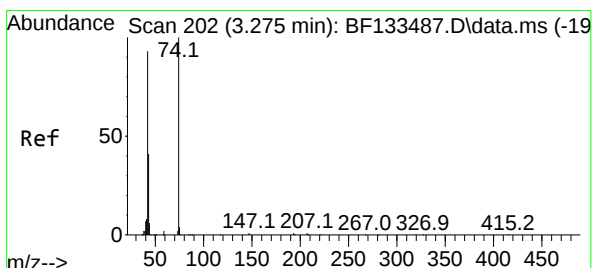
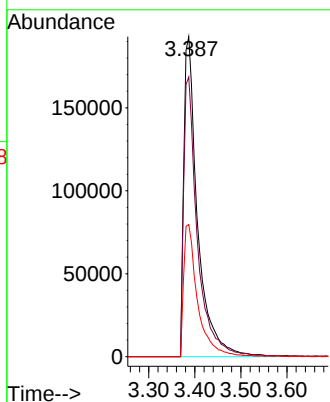
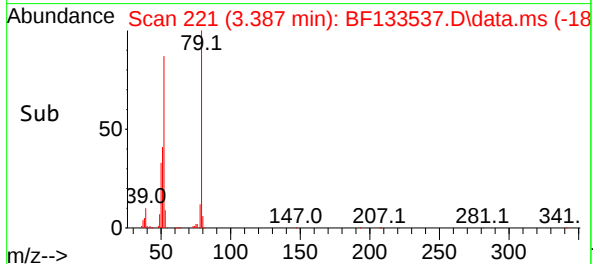
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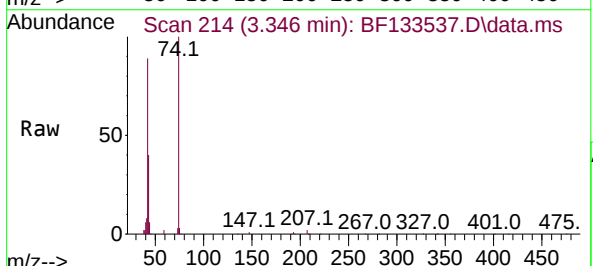
Tgt Ion: 79 Resp: 400984
Ion Ratio Lower Upper
79 100
52 87.4 71.3 106.9
51 41.3 34.4 51.6

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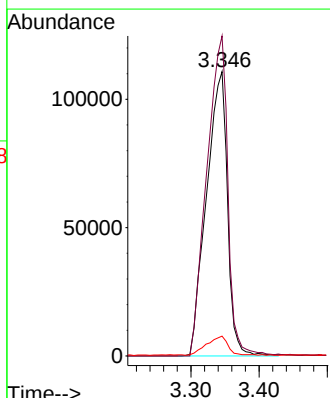
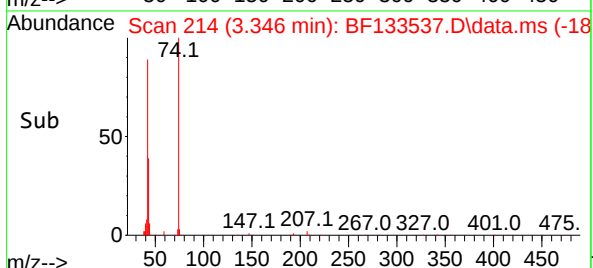
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#4
n-Nitrosodimethylamine
Concen: 41.746 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.088 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion: 42 Resp: 237791
Ion Ratio Lower Upper
42 100
74 112.5 85.7 128.5
44 7.0 5.6 8.4





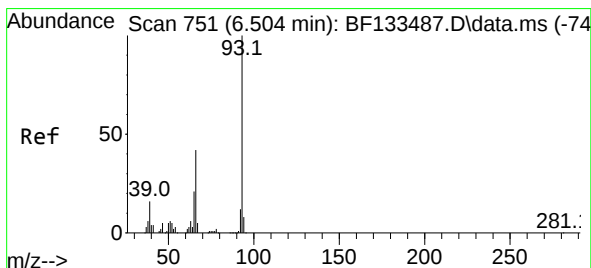
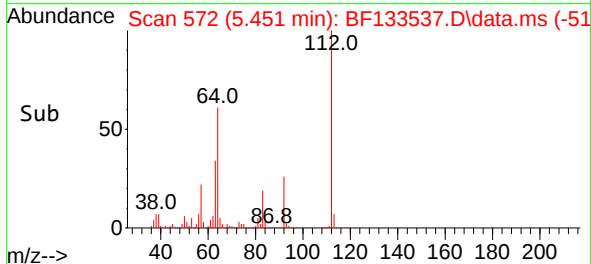
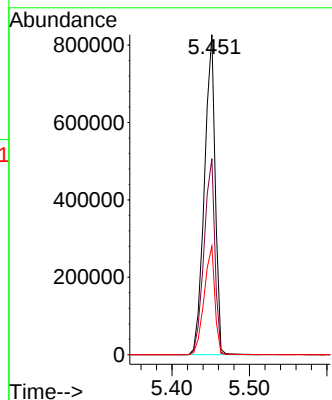
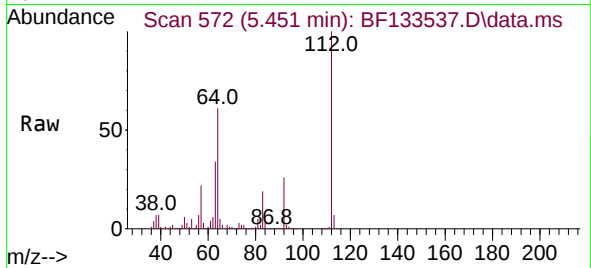
#5
2-Fluorophenol
Concen: 97.148 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :
BNA_F
ClientSampleId :
PB153095BS

Tgt Ion: 112 Resp: 80128
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 33.9 27.5 41.3

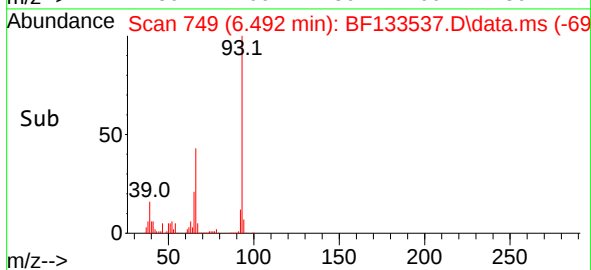
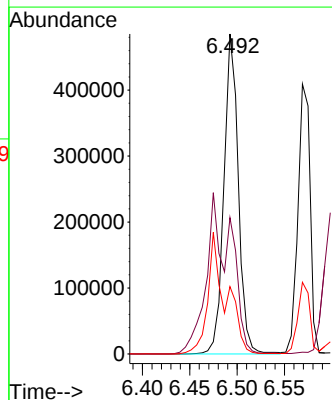
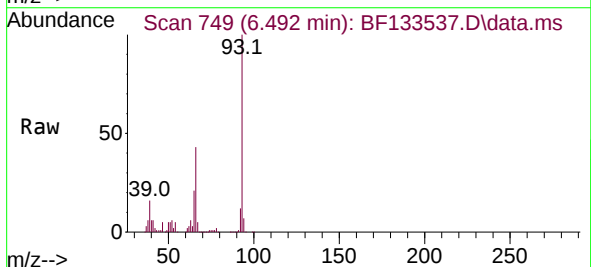
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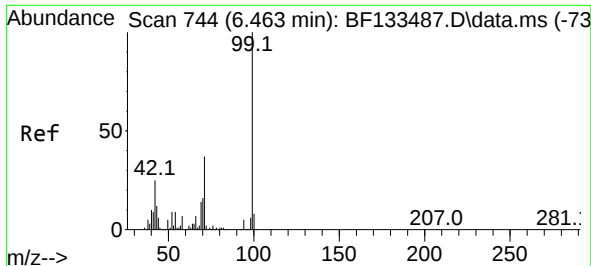
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#6
Aniline
Concen: 37.390 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

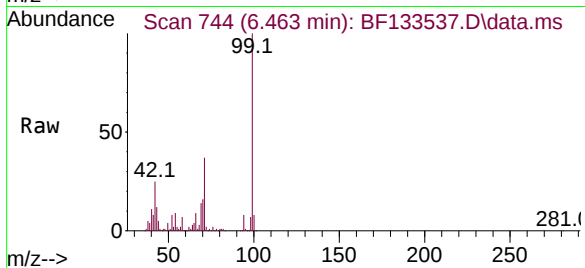
Tgt Ion: 93 Resp: 515463
Ion Ratio Lower Upper
93 100
66 42.6 33.9 50.9
65 21.0 17.2 25.8





#7
Phenol-d6
Concen: 96.529 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

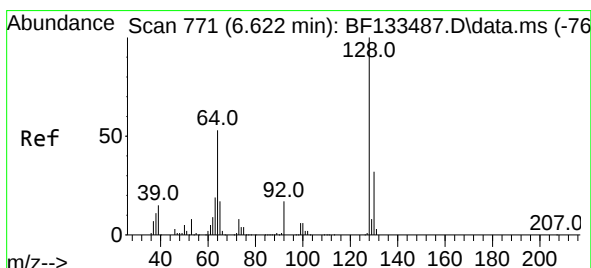
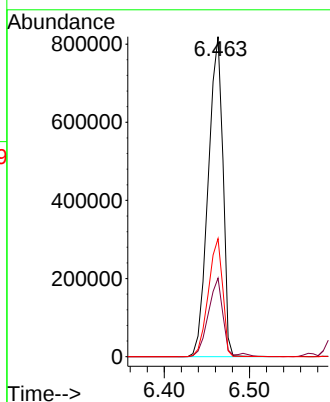
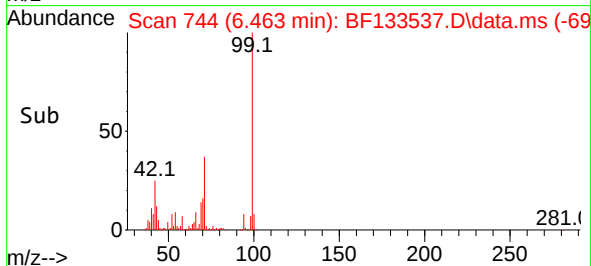
Instrument :
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Tgt Ion: 99 Resp: 980108
Ion Ratio Lower Upper
99 100
42 24.5 19.7 29.5
71 36.9 29.8 44.8

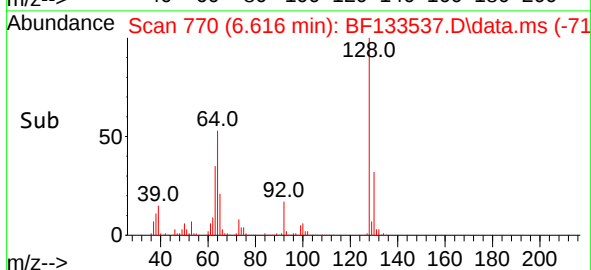
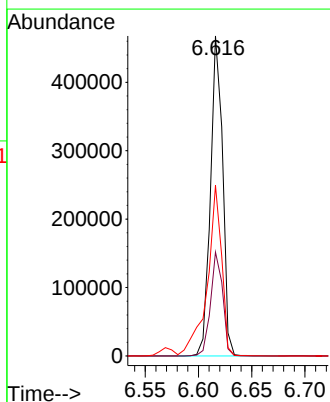
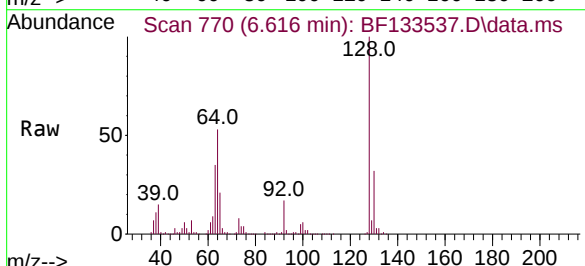
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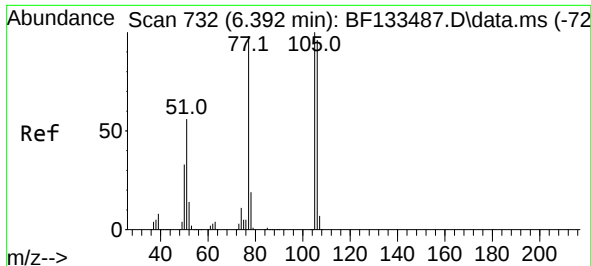
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#8
2-Chlorophenol
Concen: 45.729 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:128 Resp: 371650
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 53.3 33.3 73.3





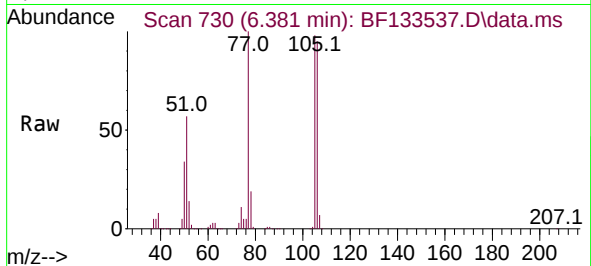
#9
Benzaldehyde
Concen: 48.965 ng
RT: 6.381 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



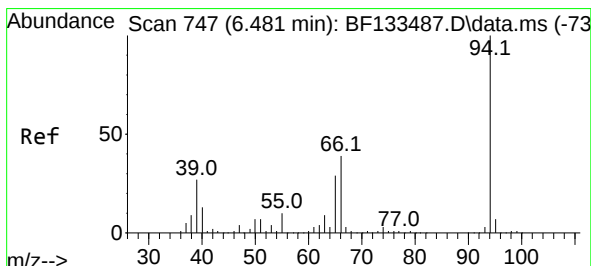
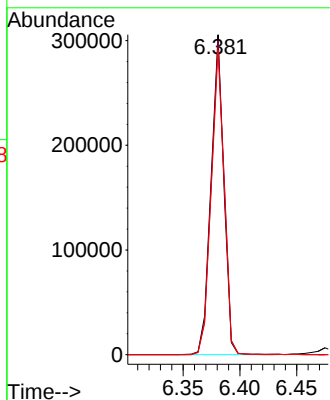
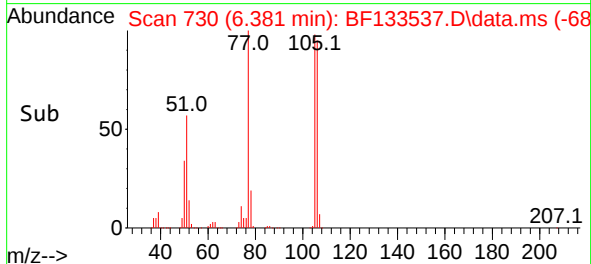
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Ion Ratio Lower Upper
77 100
105 98.1 81.9 121.9
106 95.2 77.8 117.8

Manual Integrations

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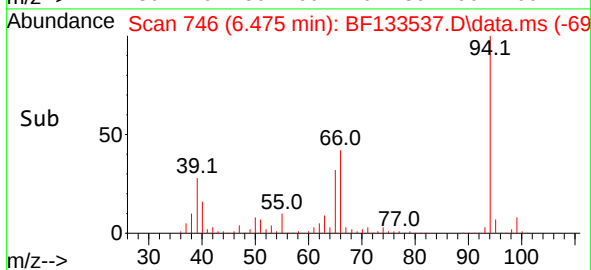
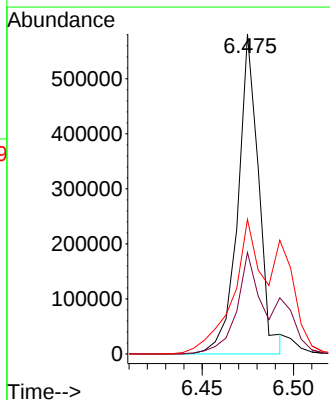
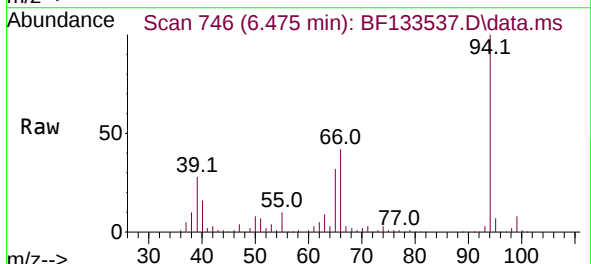
Reviewed By :Yogesh Patel 06/01/2023

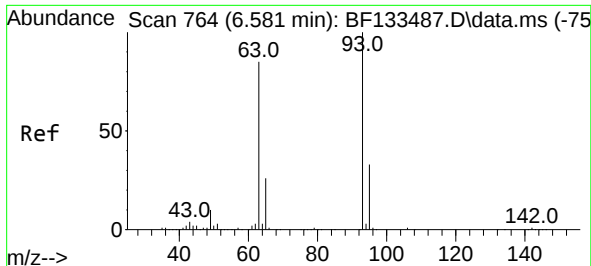
Supervised By :mohammad ahmed 06/01/2023



#10
Phenol
Concen: 45.398 ng m
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion: 94 Resp: 462408
Ion Ratio Lower Upper
94 100
65 31.7 9.1 49.1
66 42.0 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 42.953 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

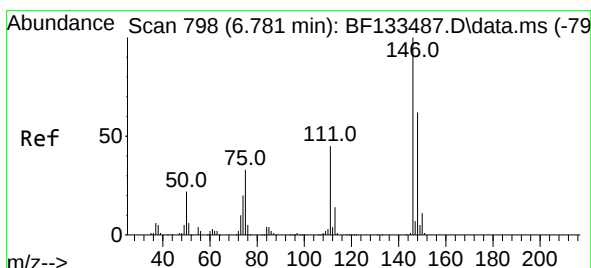
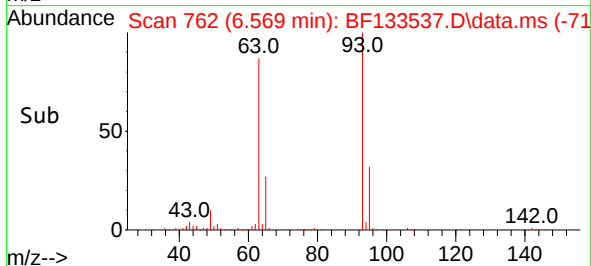
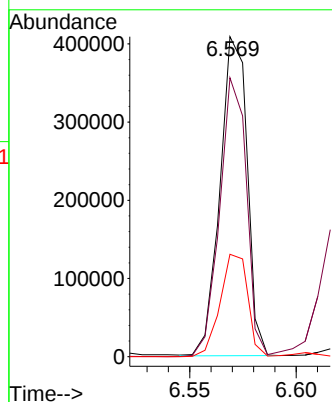
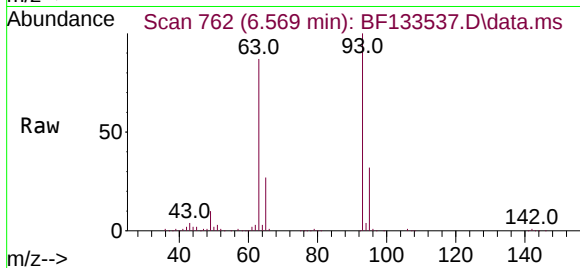
ClientSampleId :

PB153095BS

Tgt Ion: 93 Resp: 36173
Ion Ratio Lower Upper
93 100
63 87.2 64.5 104.5
95 32.0 13.3 53.3

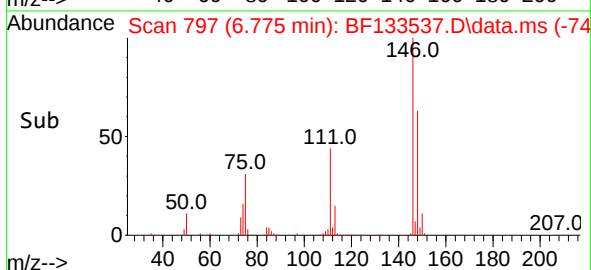
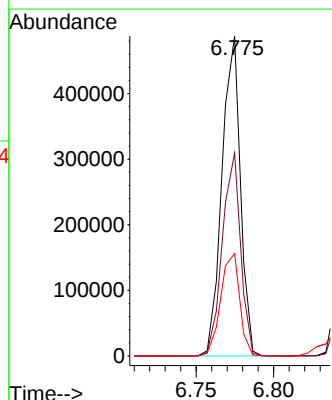
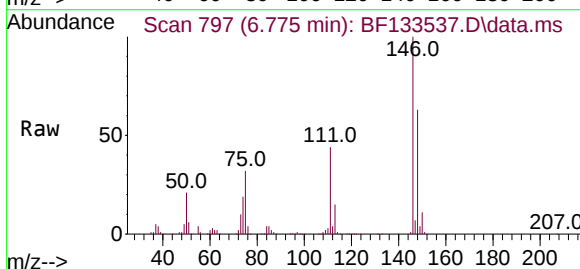
Manual Integrations
APPROVED

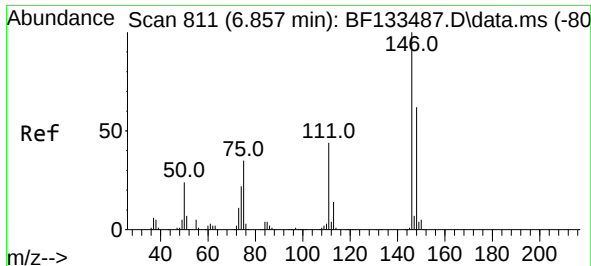
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#12
1,3-Dichlorobenzene
Concen: 44.674 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

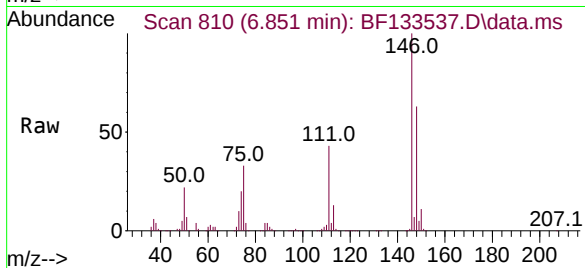
Tgt Ion:146 Resp: 403079
Ion Ratio Lower Upper
146 100
148 63.5 49.9 74.9
75 32.0 26.7 40.1





#13
1,4-Dichlorobenzene
Concen: 45.098 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

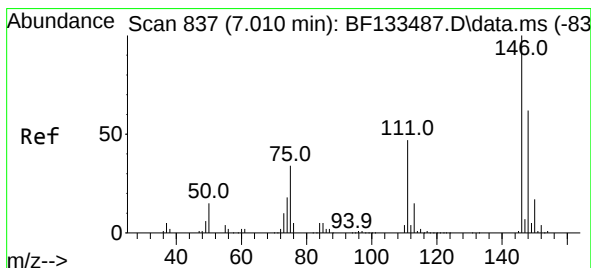
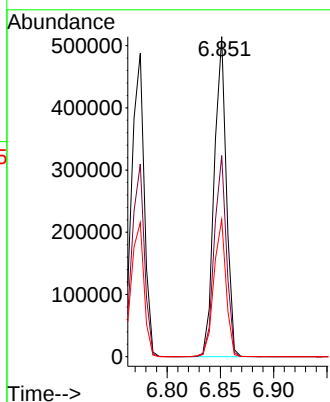
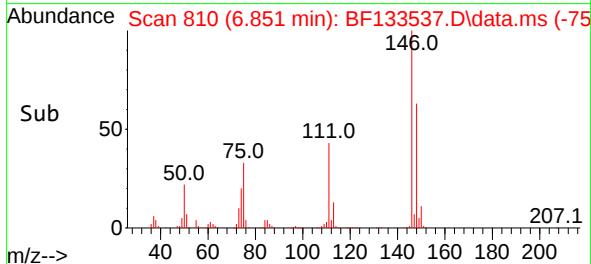
Instrument :
BNA_F
ClientSampleId :
PB153095BS



Tgt Ion:146 Resp: 407948
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.6
111 42.9 35.3 52.9

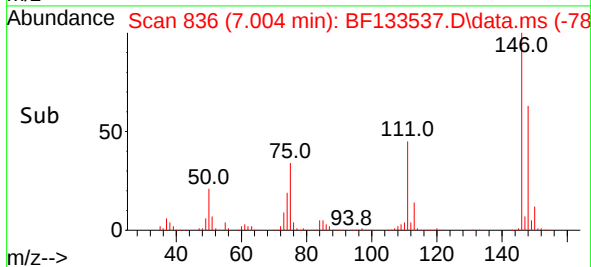
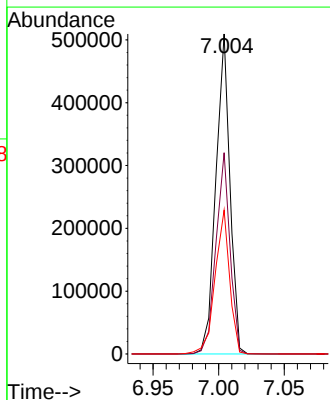
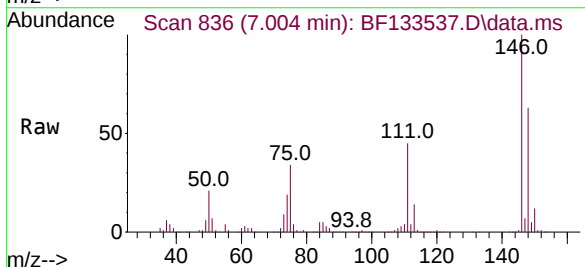
Manual Integrations
APPROVED

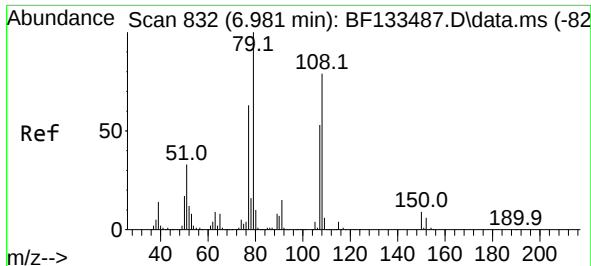
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#14
1,2-Dichlorobenzene
Concen: 45.416 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:146 Resp: 379115
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.6
111 44.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 43.688 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

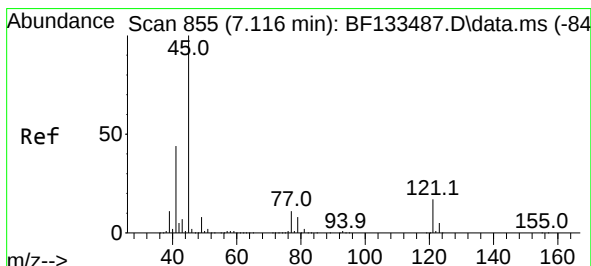
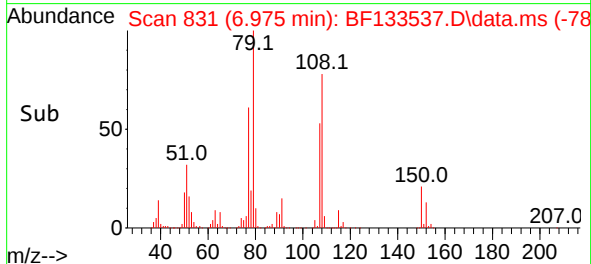
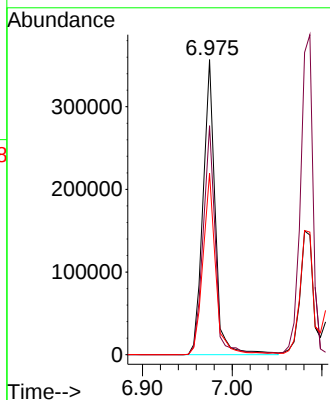
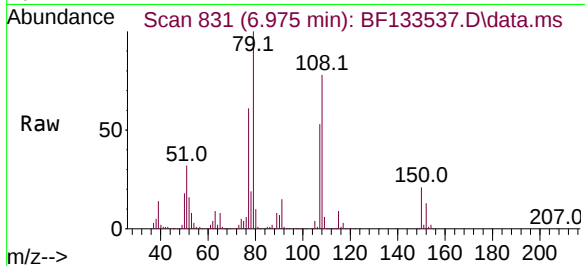
ClientSampleId :

PB153095BS

Tgt Ion: 79 Resp: 336774
Ion Ratio Lower Upper
79 100
108 77.6 63.2 94.8
77 61.5 50.3 75.5

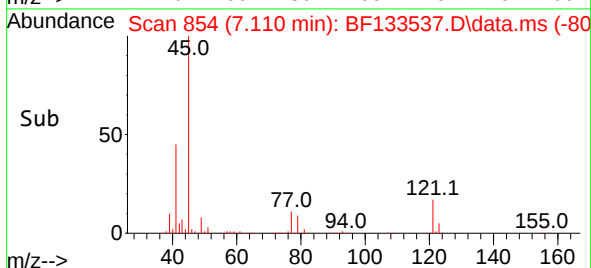
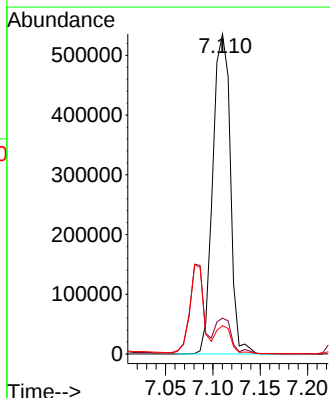
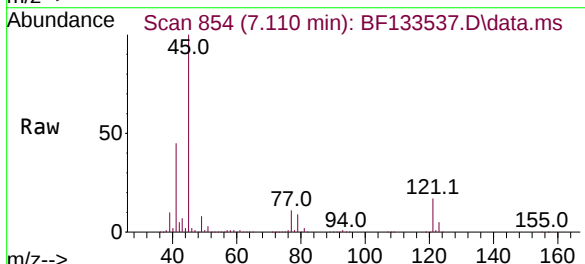
Manual Integrations
APPROVED

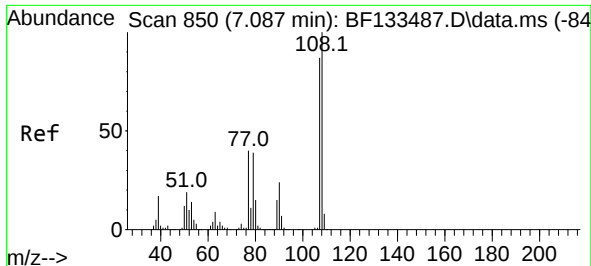
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.979 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

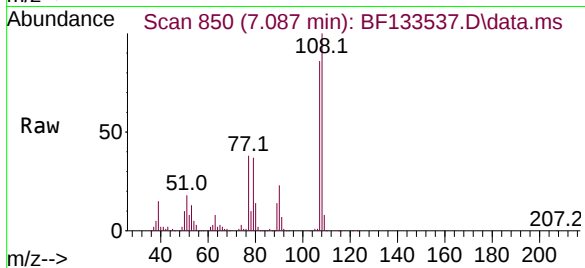
Tgt Ion: 45 Resp: 686486
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.8
79 8.9 0.0 28.2





#17
2-Methylphenol
Concen: 41.267 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

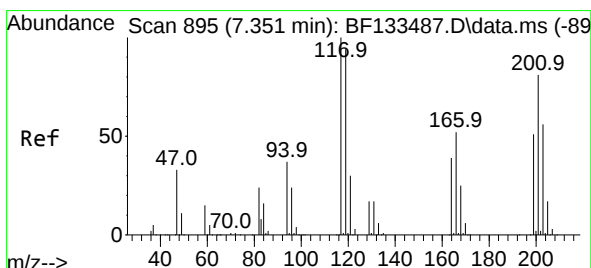
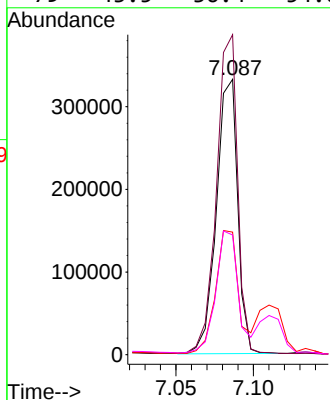
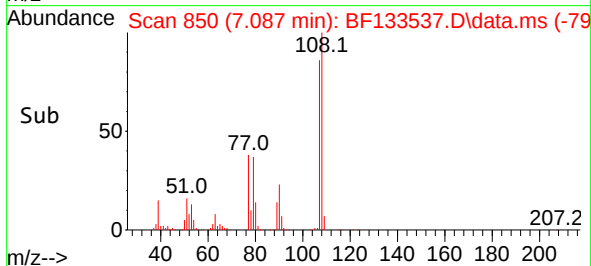
Instrument :
BNA_F
ClientSampleId :
PB153095BS



Tgt Ion:107 Resp: 317610
Ion Ratio Lower Upper
107 100
108 116.2 92.2 138.4
77 44.5 37.1 55.7
79 43.5 36.4 54.6

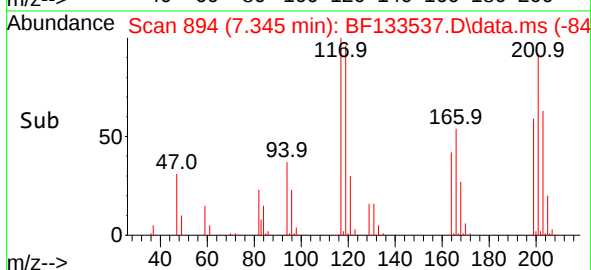
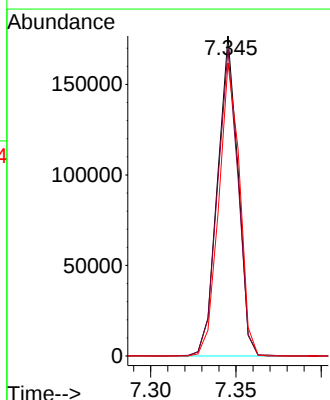
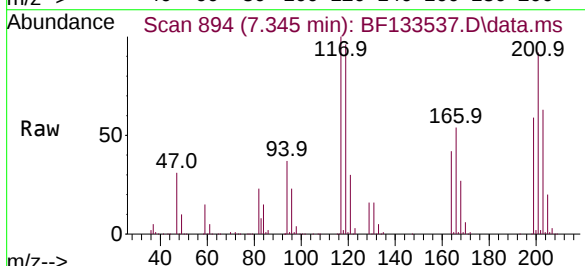
Manual Integrations
APPROVED

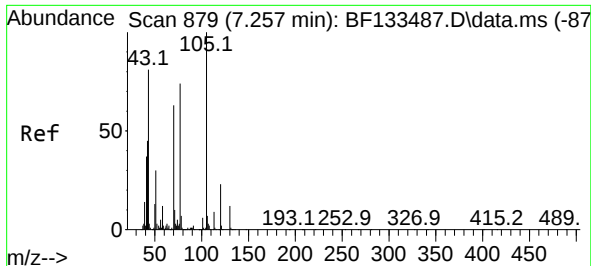
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#18
Hexachloroethane
Concen: 47.042 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

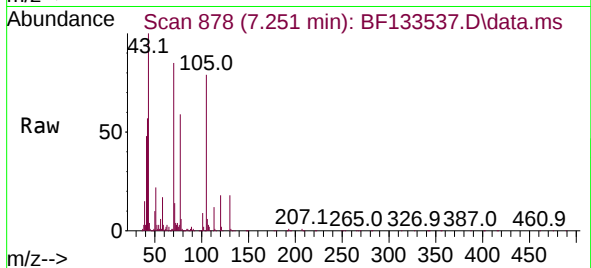
Tgt Ion:117 Resp: 147143
Ion Ratio Lower Upper
117 100
119 95.8 74.9 112.3
201 91.6 64.8 97.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.378 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

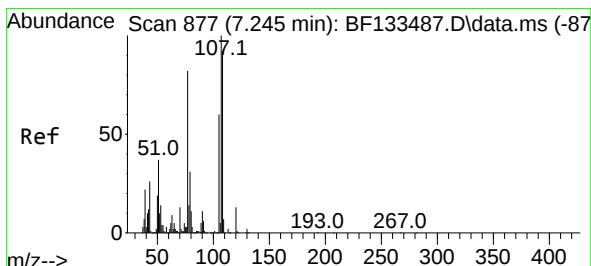
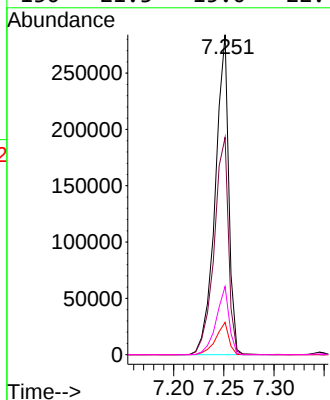
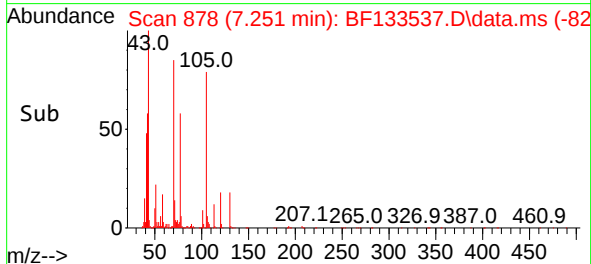
Instrument :
BNA_F
ClientSampleId :
PB153095BS



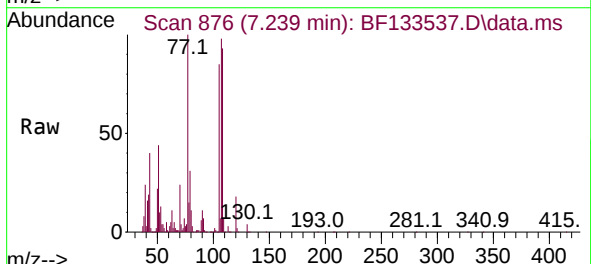
Tgt Ion: 70 Resp: 265259
Ion Ratio Lower Upper
70 100
42 67.9 57.2 85.8
101 10.1 7.3 10.9
130 21.3 15.0 22.4

Manual Integrations
APPROVED

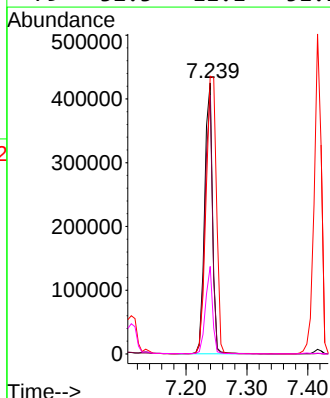
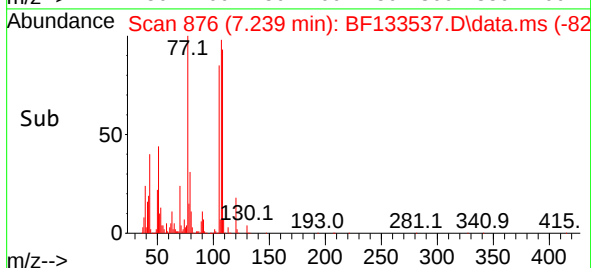
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

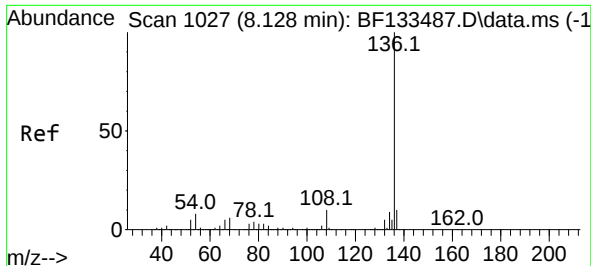


#20
3+4-Methylphenols
Concen: 43.487 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:107 Resp: 378387
Ion Ratio Lower Upper
107 100
108 95.5 72.0 112.0
77 102.5 61.9 101.9#
79 32.3 11.1 51.1





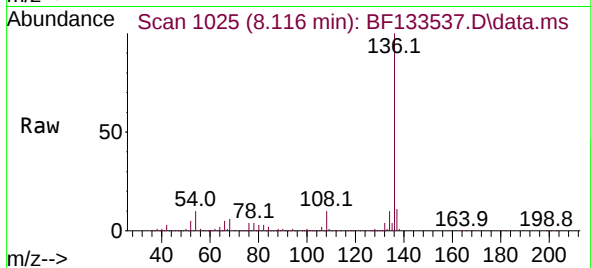
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

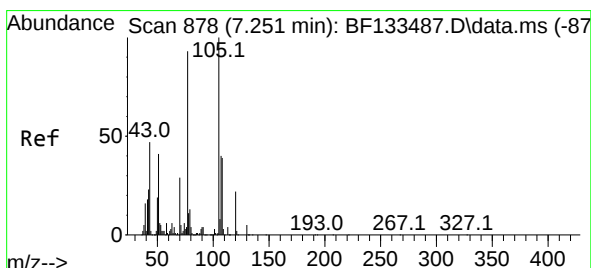
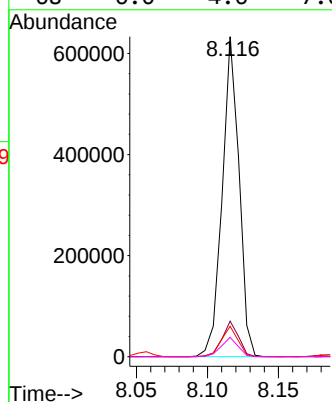
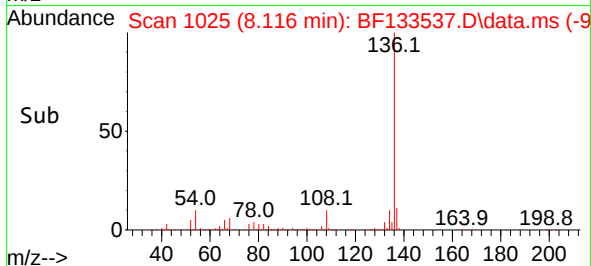


Tgt Ion:136 Resp: 51898
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.5 6.6 10.0
68 6.0 4.6 7.0

Manual Integrations

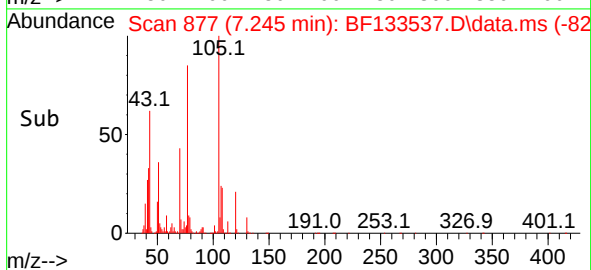
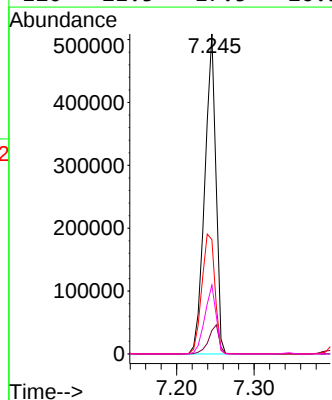
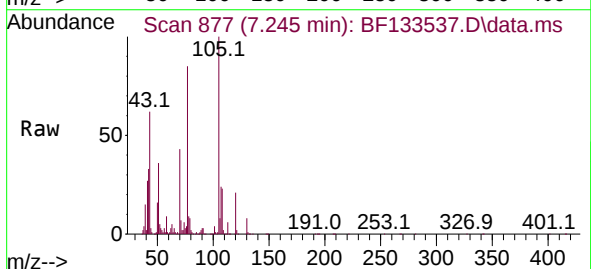
APPROVED

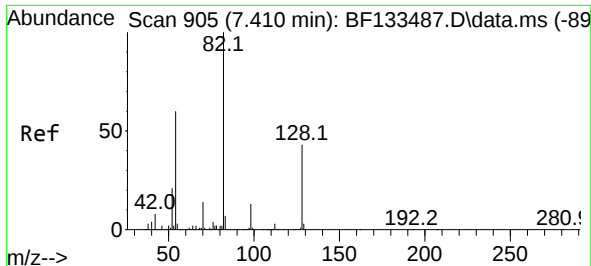
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#22
Acetophenone
Concen: 42.559 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:105 Resp: 508650
Ion Ratio Lower Upper
105 100
71 7.4 3.8 5.8#
51 35.8 32.6 49.0
120 21.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 81.624 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133537.D

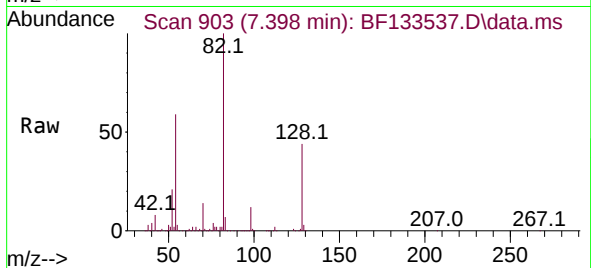
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



Tgt Ion: 82 Resp: 634450

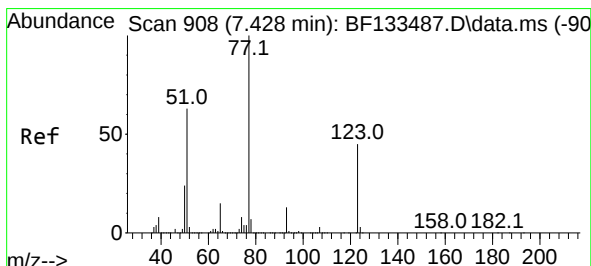
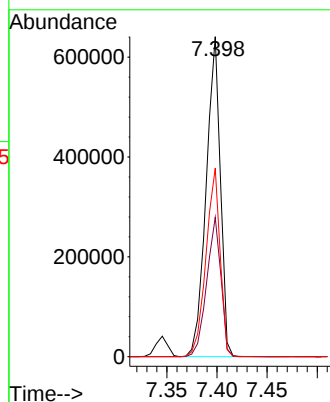
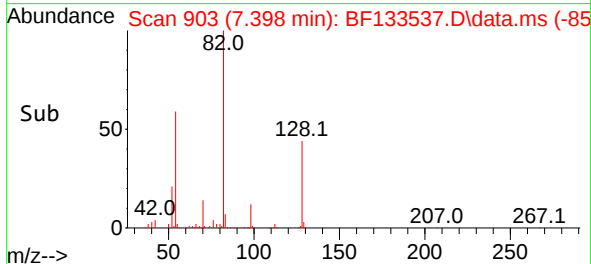
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.4
54	58.9	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#24

Nitrobenzene

Concen: 49.563 ng

RT: 7.416 min Scan# 906

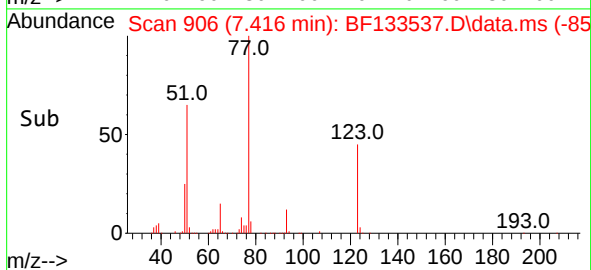
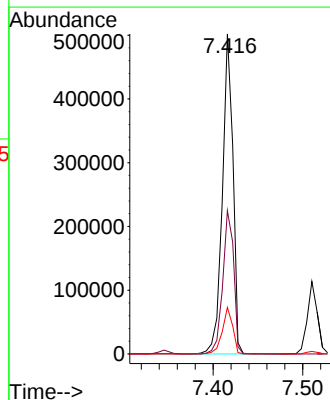
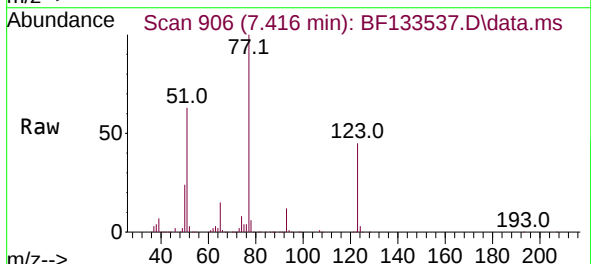
Delta R.T. -0.006 min

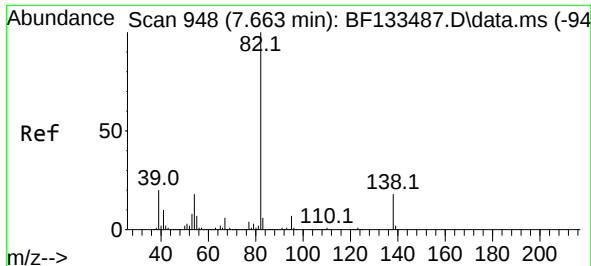
Lab File: BF133537.D

Acq: 31 May 2023 13:29

Tgt Ion: 77 Resp: 410484

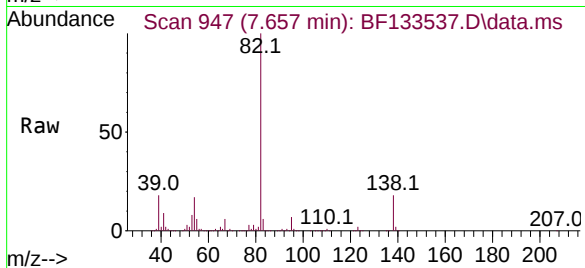
Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.8	53.8
65	14.6	11.8	17.8





#25
Isophorone
Concen: 41.966 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

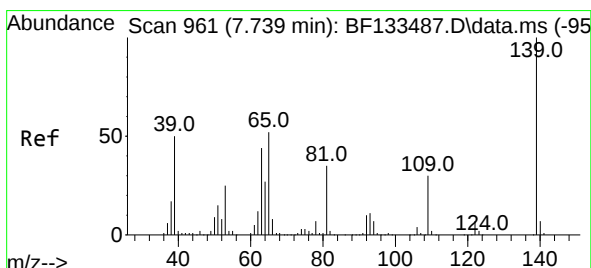
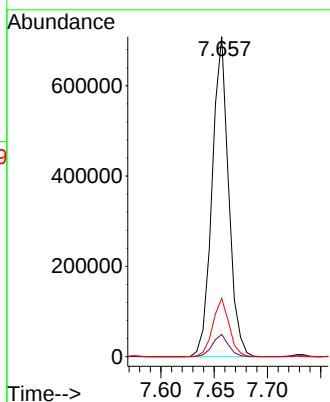
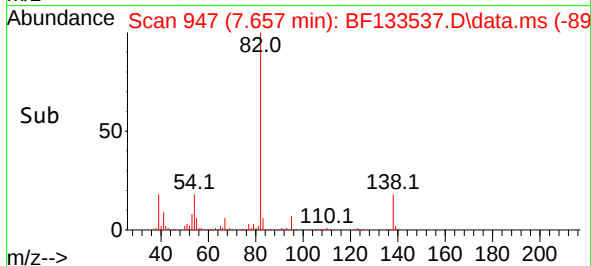
Instrument :
BNA_F
ClientSampleId :
PB153095BS



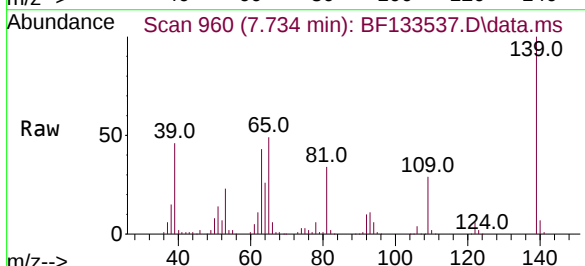
Tgt Ion: 82 Resp: 760230
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.2 21.4

Manual Integrations
APPROVED

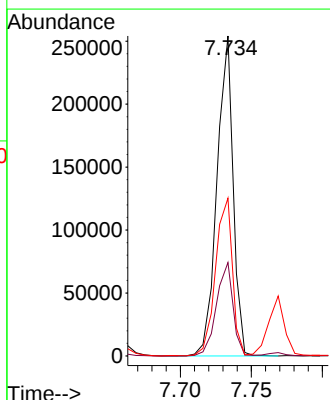
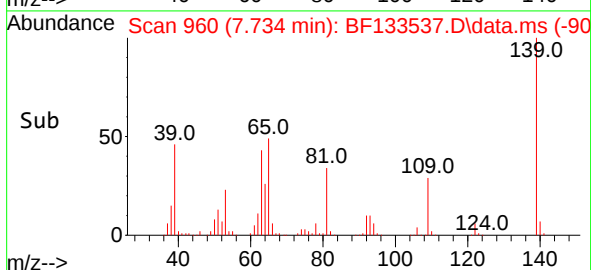
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

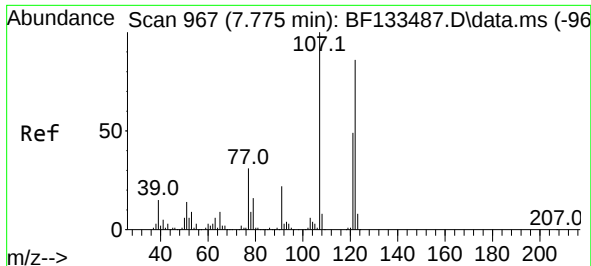


#26
2-Nitrophenol
Concen: 52.564 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:139 Resp: 201388
Ion Ratio Lower Upper
139 100
109 29.2 24.0 36.0
65 49.3 41.7 62.5





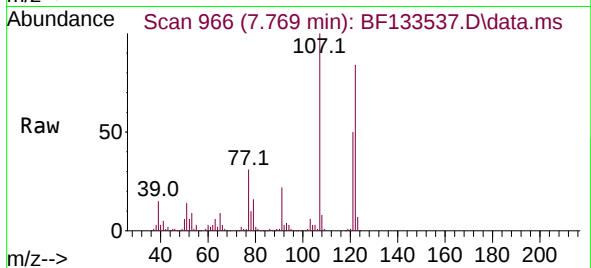
#27
2,4-Dimethylphenol
Concen: 44.445 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



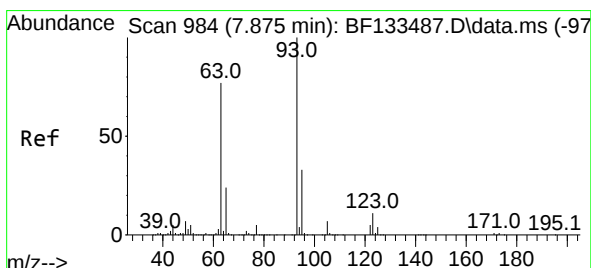
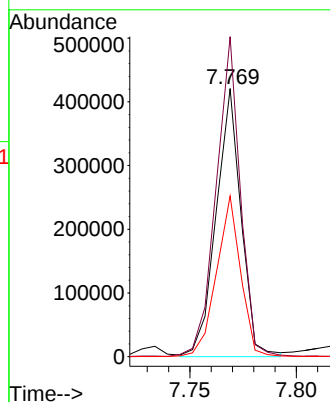
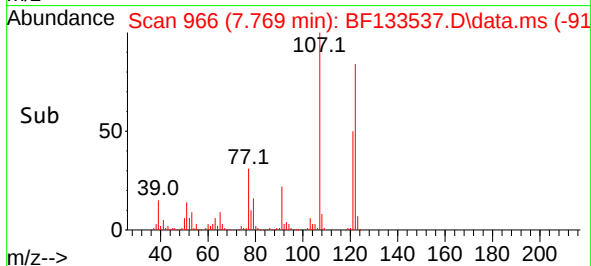
Tgt Ion:122 Resp: 342578
Ion Ratio Lower Upper
122 100
107 119.4 93.4 140.0
121 59.9 45.6 68.4

Manual Integrations

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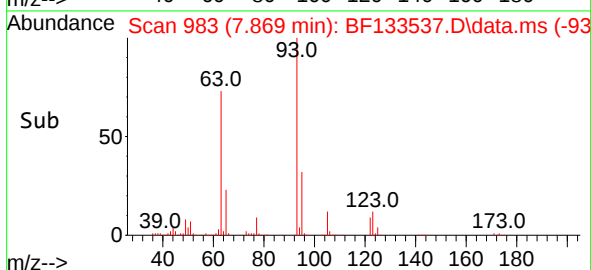
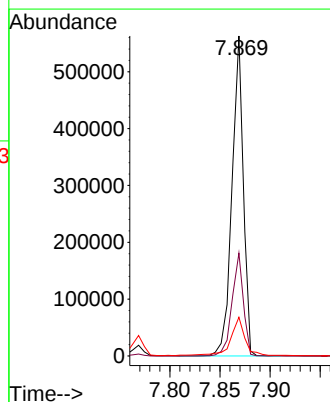
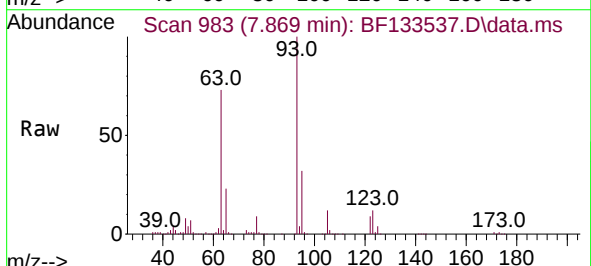
Reviewed By :Yogesh Patel 06/01/2023

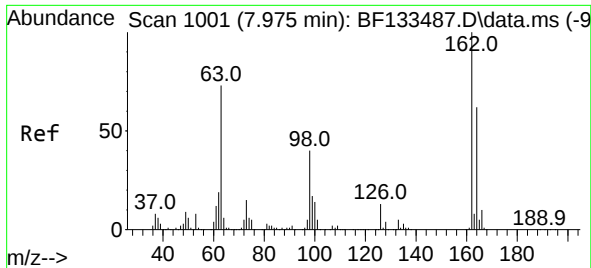
Supervised By :mohammad ahmed 06/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.217 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion: 93 Resp: 443473
Ion Ratio Lower Upper
93 100
95 32.2 26.8 40.2
123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.671 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

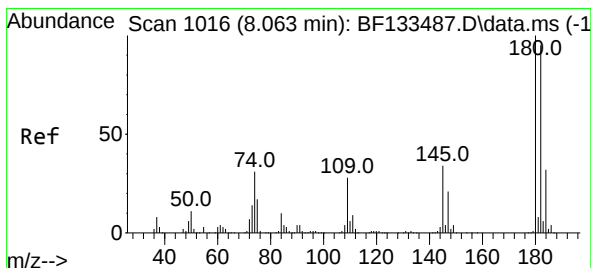
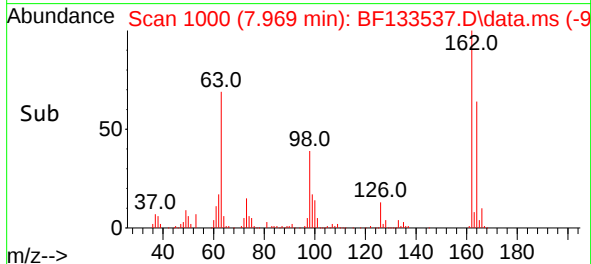
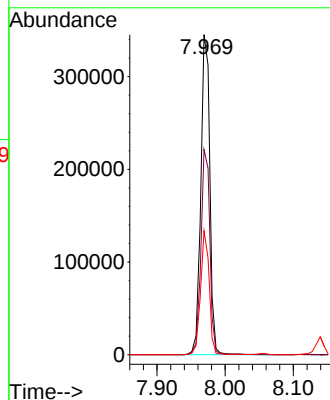
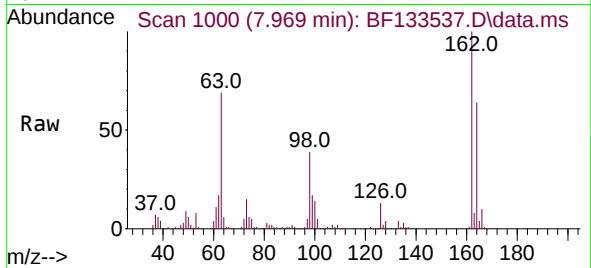
Tgt Ion:162 Resp: 316715
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.2 82.2
 98 38.7 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.916 ng

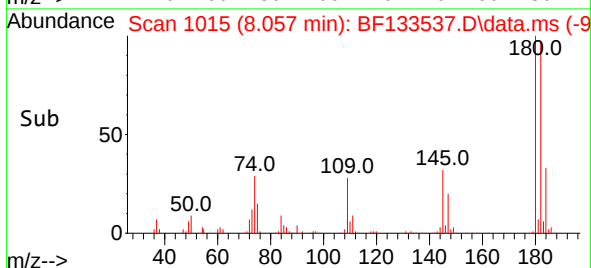
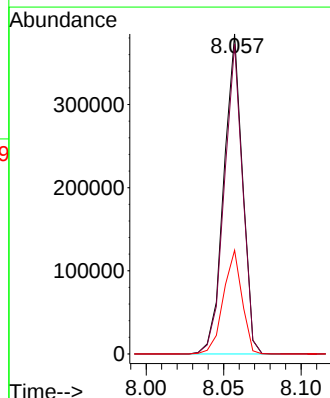
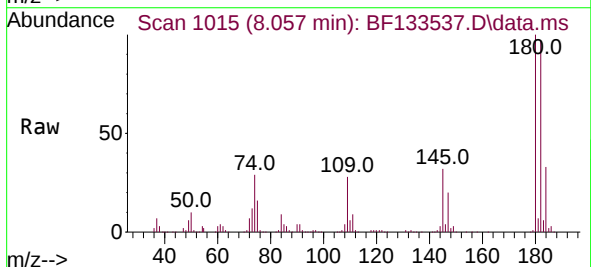
RT: 8.057 min Scan# 1015

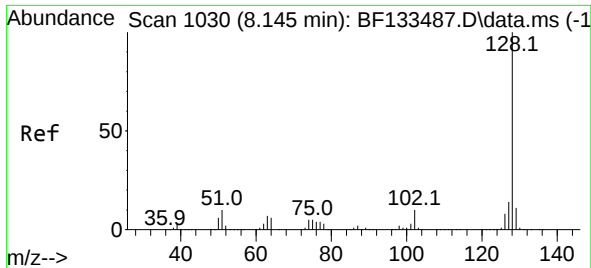
Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Tgt Ion:180 Resp: 321907
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.1 114.1
 145 32.4 27.0 40.4





#31
Naphthalene
Concen: 42.264 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

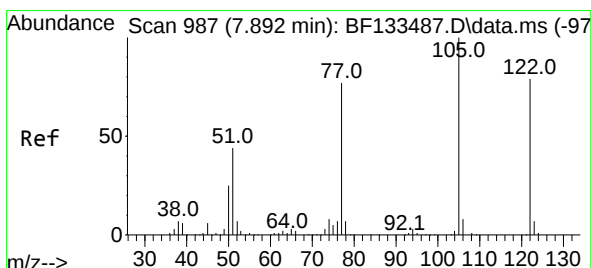
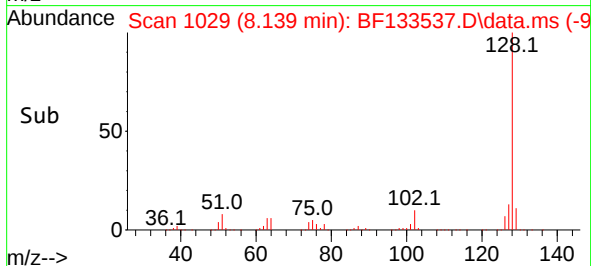
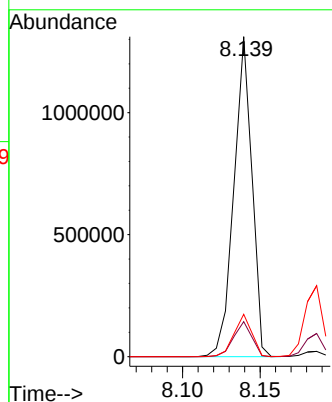
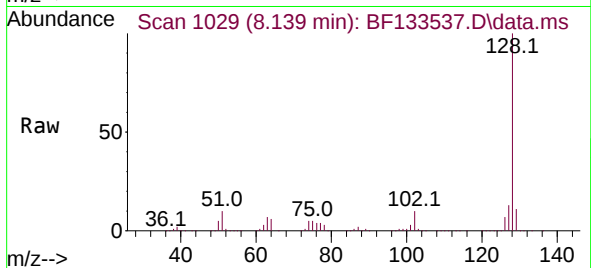
PB153095BS

Tgt Ion:128 Resp: 1063420
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.3 10.9 16.3

Manual Integrations

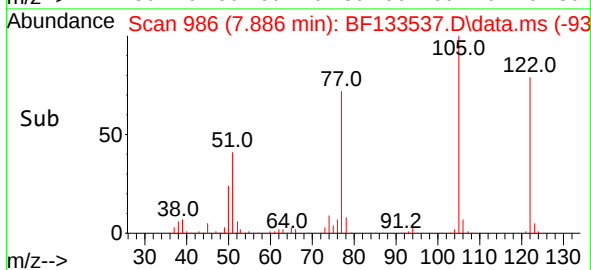
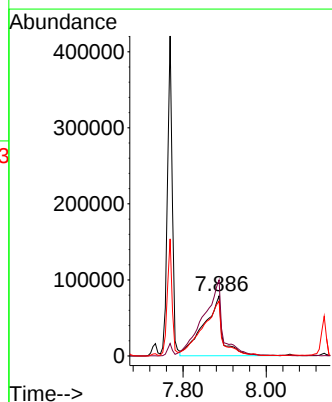
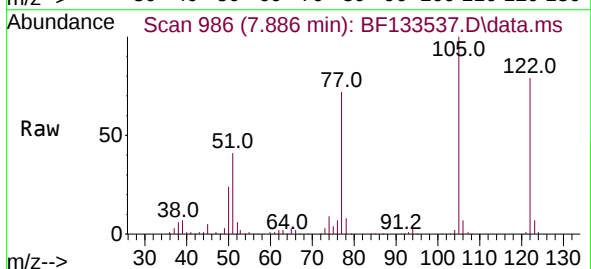
APPROVED

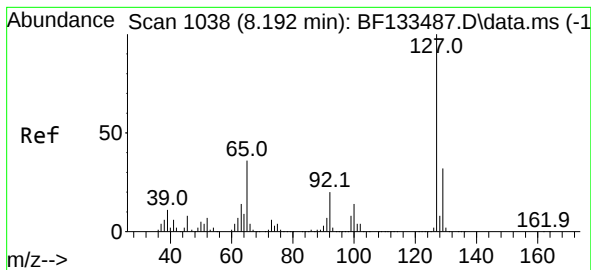
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#32
Benzoic acid
Concen: 49.794 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:122 Resp: 254457
Ion Ratio Lower Upper
122 100
105 126.7 103.3 143.3
77 91.4 75.7 115.7





#33
4-Chloroaniline
Concen: 22.598 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

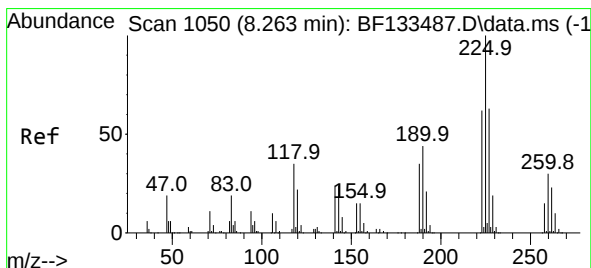
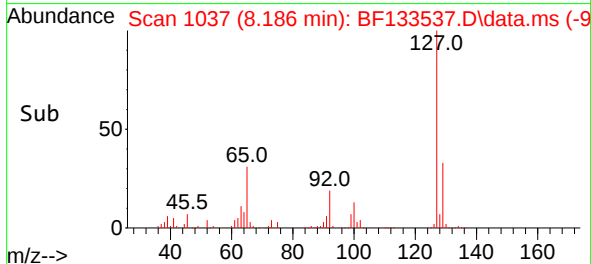
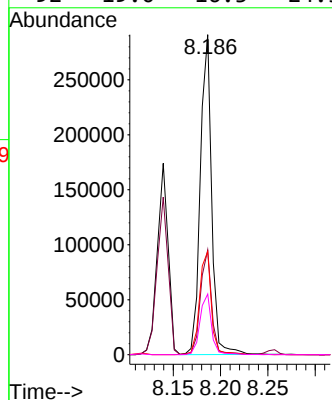
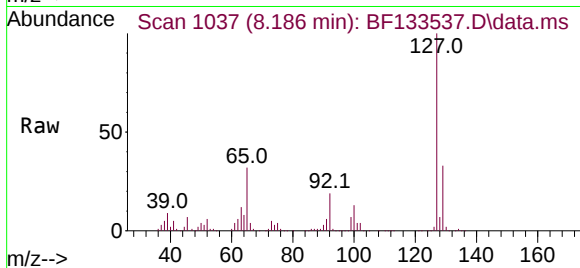
ClientSampleId :

PB153095BS

Tgt Ion:127 Resp: 24369
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 32.2 29.0 43.6
92 19.0 16.3 24.5

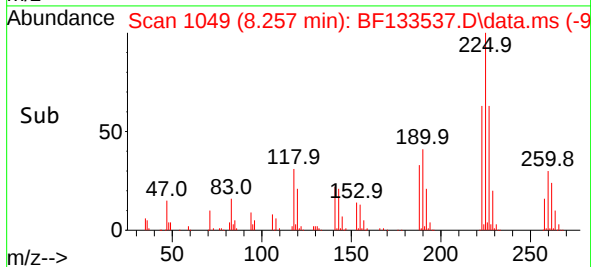
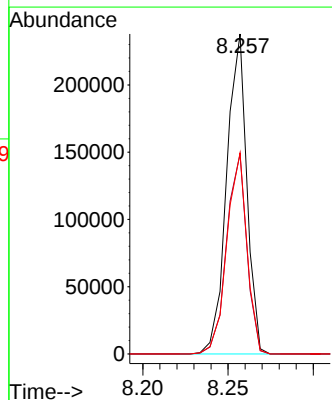
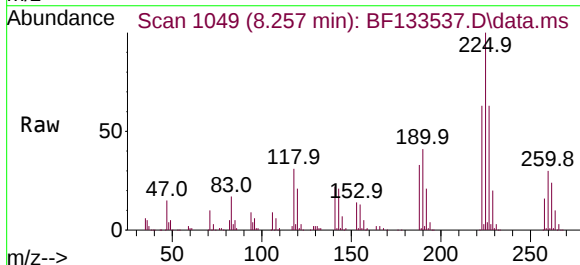
Manual Integrations
APPROVED

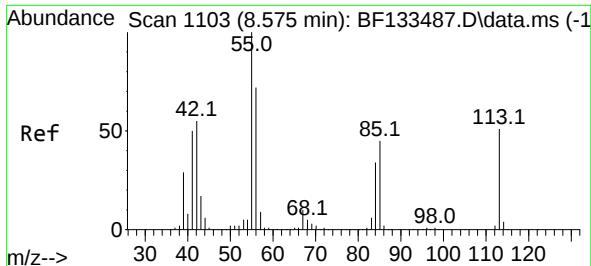
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#34
Hexachlorobutadiene
Concen: 42.840 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

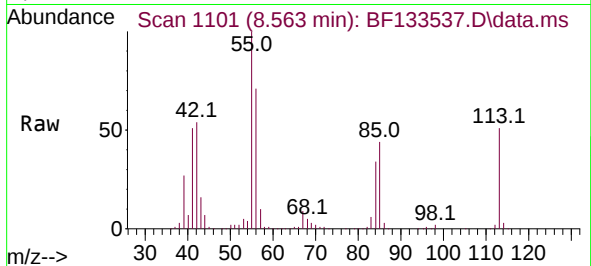
Tgt Ion:225 Resp: 195464
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.8
227 62.8 50.2 75.4





#35
Caprolactam
Concen: 50.860 ng m
RT: 8.563 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

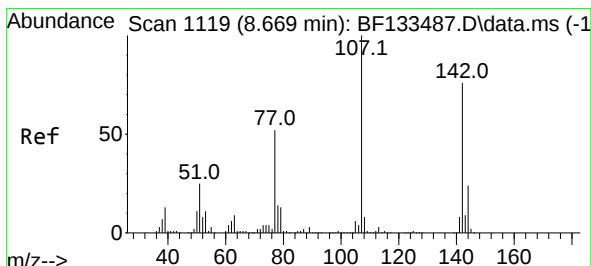
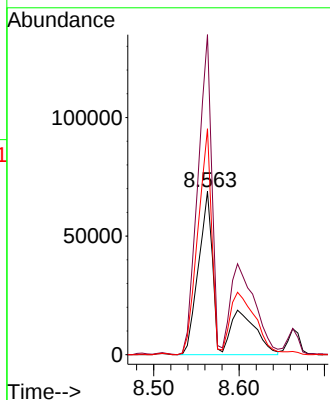
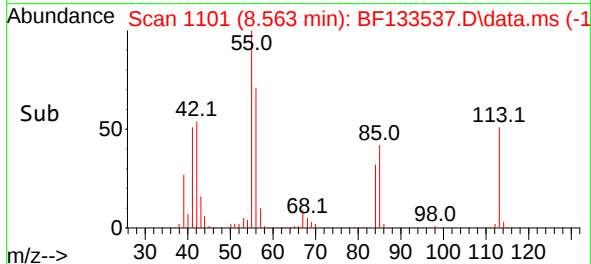
Instrument :
BNA_F
ClientSampleId :
PB153095BS



Tgt Ion:113 Resp: 115669
Ion Ratio Lower Upper
113 100
55 196.1 177.5 217.5
56 138.5 122.3 162.3

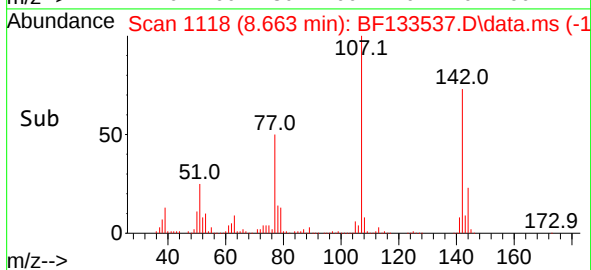
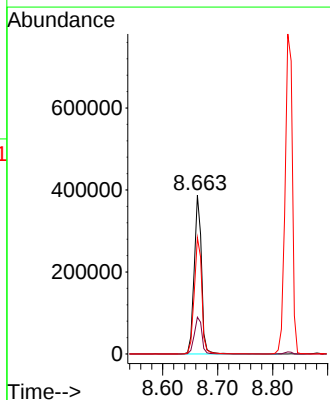
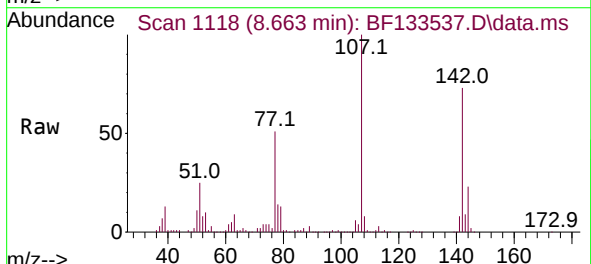
Manual Integrations
APPROVED

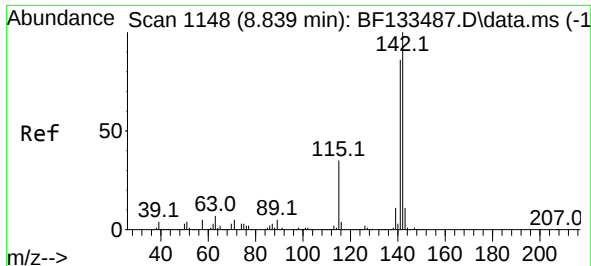
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#36
4-Chloro-3-methylphenol
Concen: 45.501 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:107 Resp: 353451
Ion Ratio Lower Upper
107 100
144 23.2 19.4 29.0
142 73.3 60.5 90.7





#37
2-Methylnaphthalene
Concen: 41.132 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

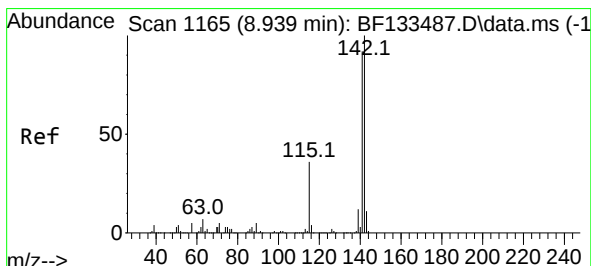
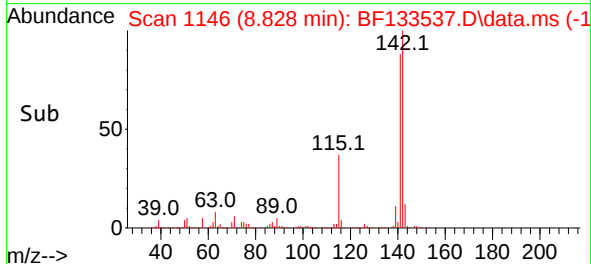
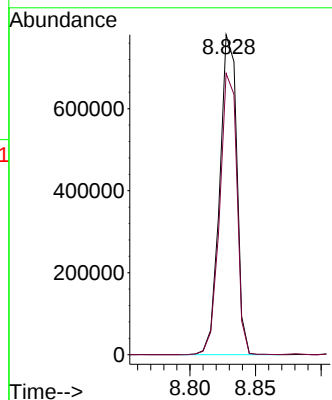
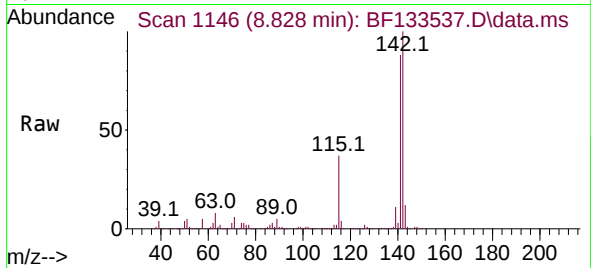
ClientSampleId :

PB153095BS

Tgt Ion:142 Resp: 70661
Ion Ratio Lower Upper
142 100
141 87.9 69.2 103.8

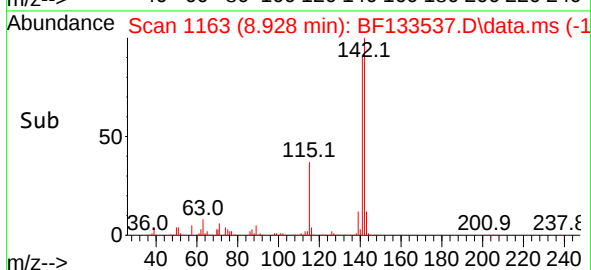
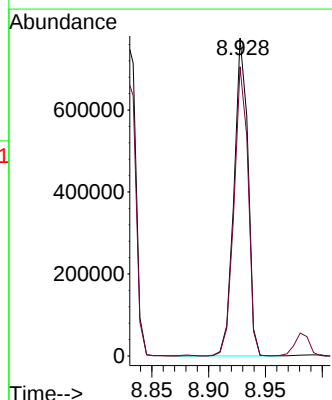
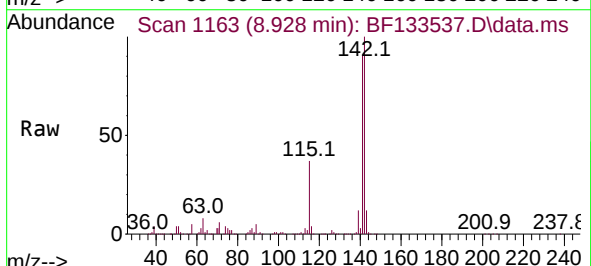
Manual Integrations
APPROVED

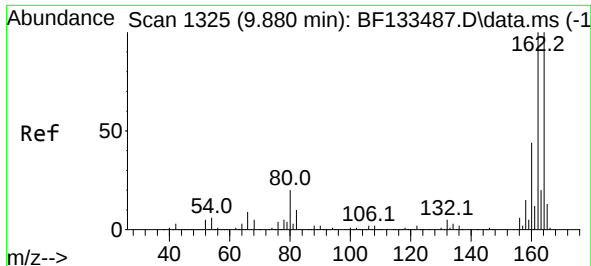
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#38
1-Methylnaphthalene
Concen: 41.376 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:142 Resp: 662587
Ion Ratio Lower Upper
142 100
141 91.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF133537.D

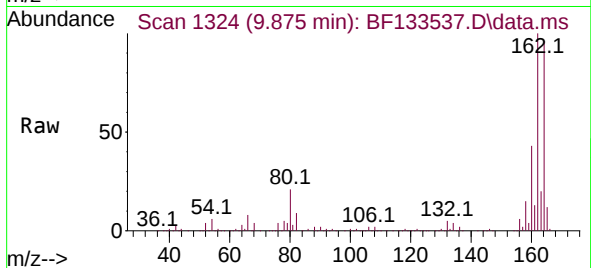
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



Tgt Ion:164 Resp: 256540

Ion Ratio Lower Upper

164 100

162 104.3 79.7 119.5

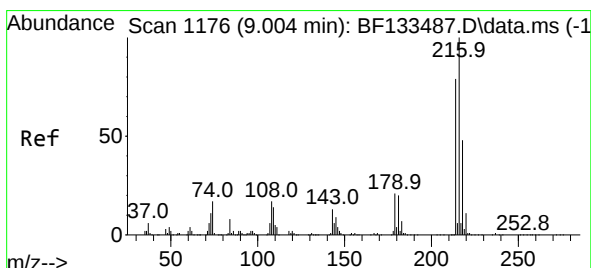
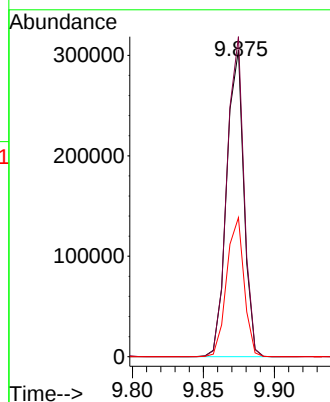
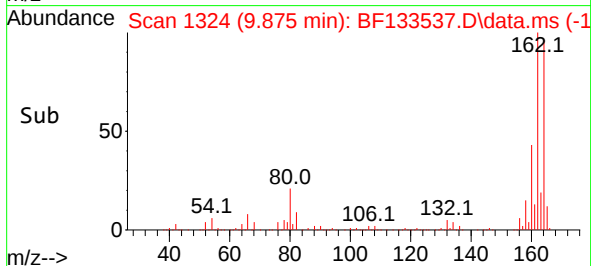
160 45.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.446 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Tgt Ion:216 Resp: 315139

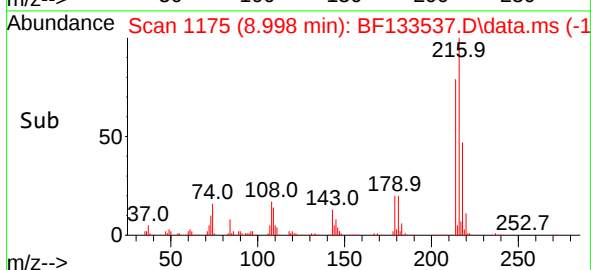
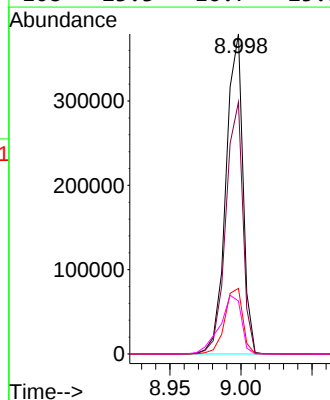
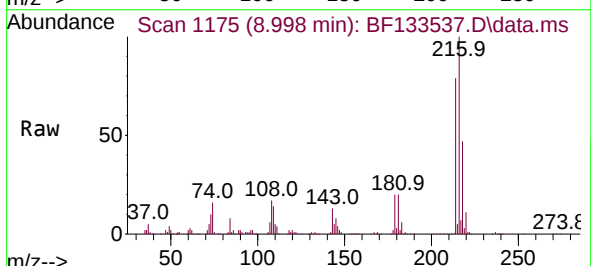
Ion Ratio Lower Upper

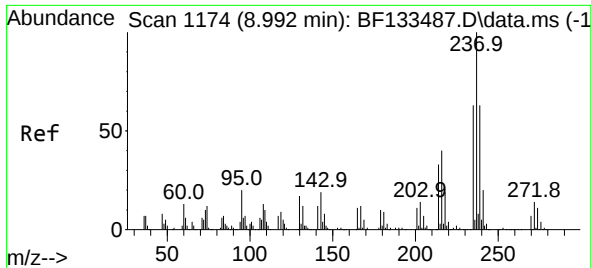
216 100

214 78.9 63.2 94.8

179 21.6 17.3 25.9

108 23.3 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 100.618 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

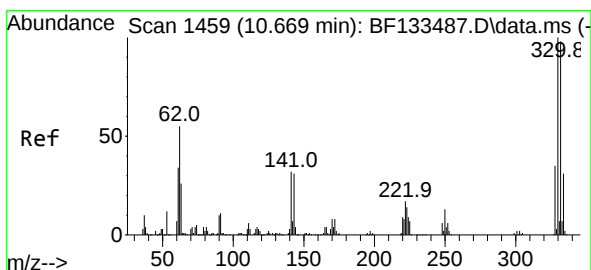
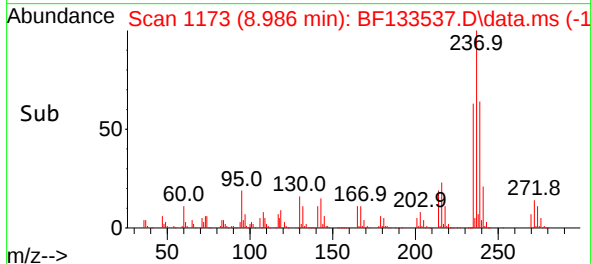
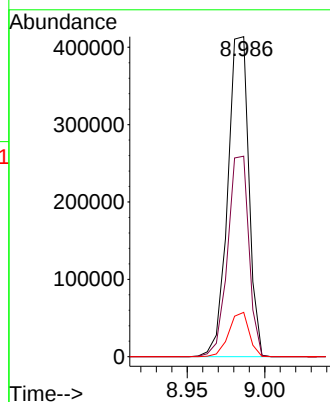
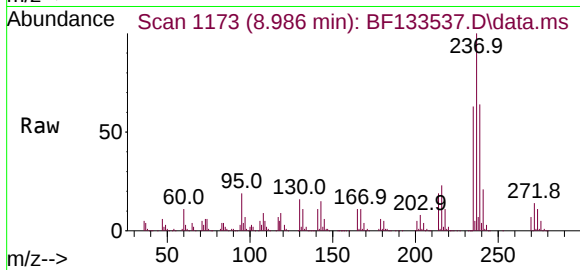
ClientSampleId :

PB153095BS

Tgt Ion:237 Resp: 39205
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.8 0.0 33.5

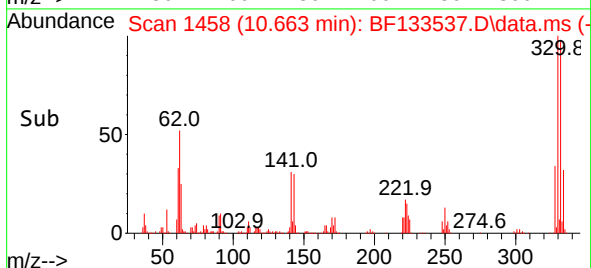
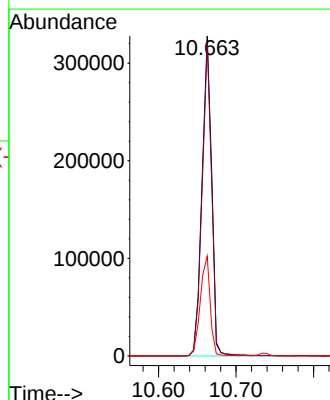
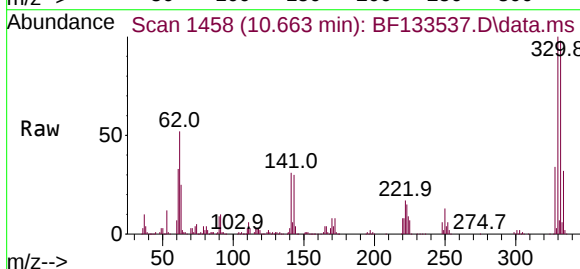
Manual Integrations
APPROVED

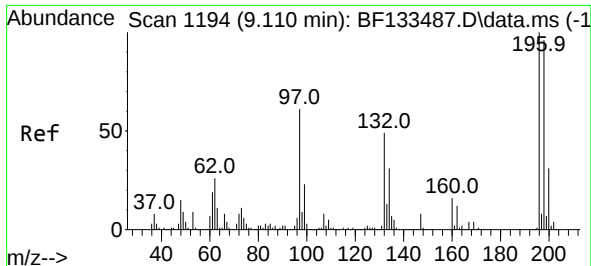
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#42
2,4,6-Tribromophenol
Concen: 110.817 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

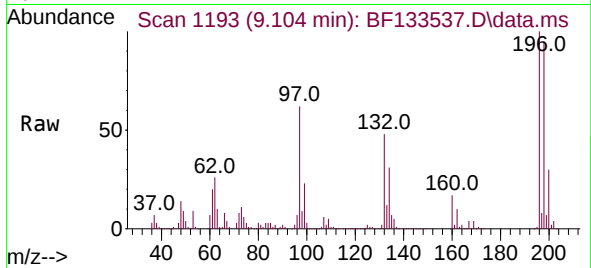
Tgt Ion:330 Resp: 283384
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 32.2 26.6 40.0





#43
2,4,6-Trichlorophenol
Concen: 45.639 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

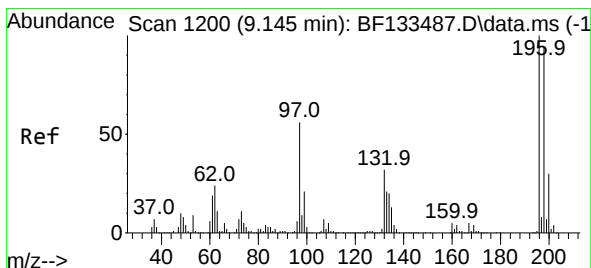
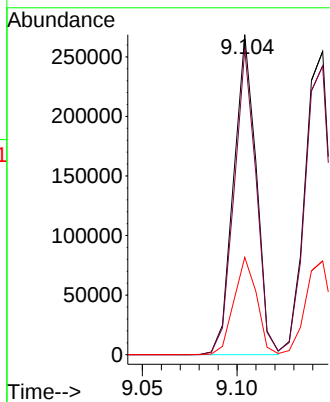
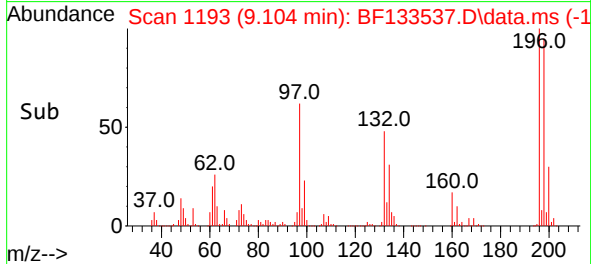
Instrument :
BNA_F
ClientSampleId :
PB153095BS



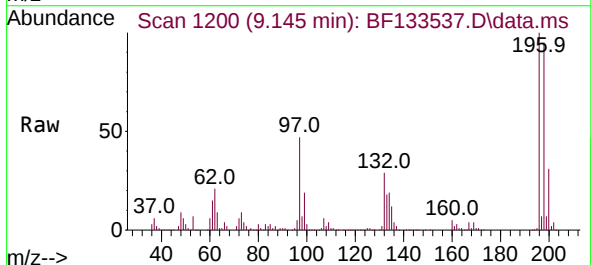
Tgt Ion:196 Resp: 222049
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
200 30.4 24.6 37.0

Manual Integrations
APPROVED

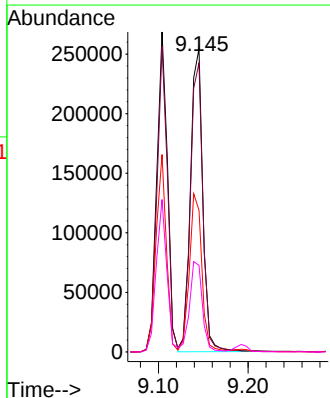
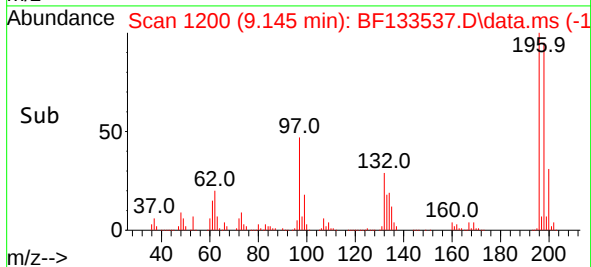
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

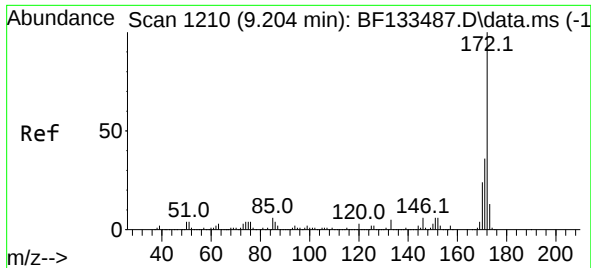


#44
2,4,5-Trichlorophenol
Concen: 43.209 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:196 Resp: 244009
Ion Ratio Lower Upper
196 100
198 95.2 75.3 112.9
97 46.7 44.9 67.3
132 28.5 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 68.725 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

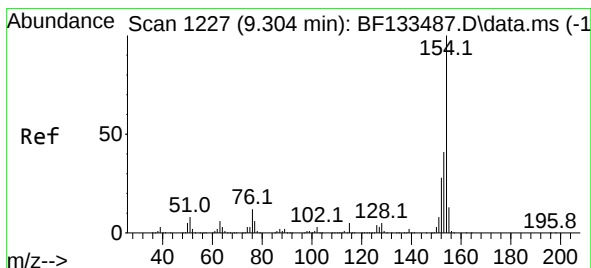
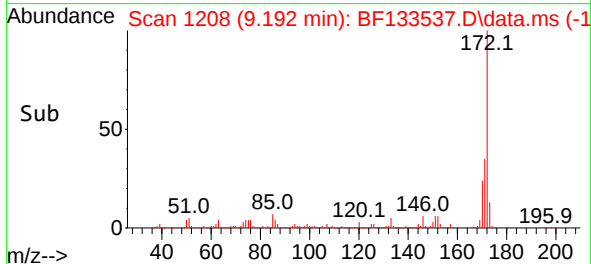
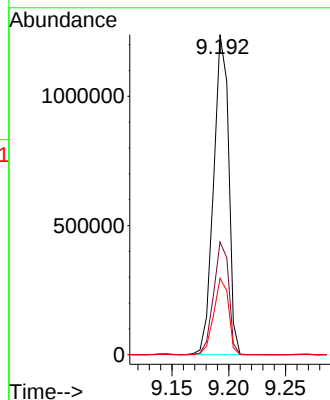
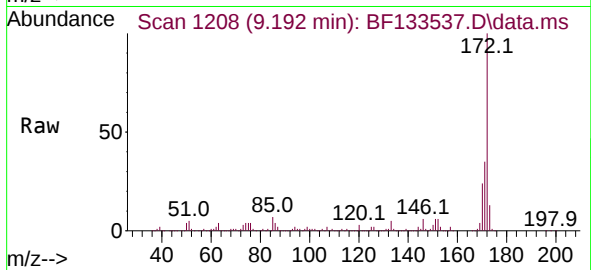
PB153095BS

Tgt Ion:172 Resp: 114230
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.8 19.3 28.9

Manual Integrations

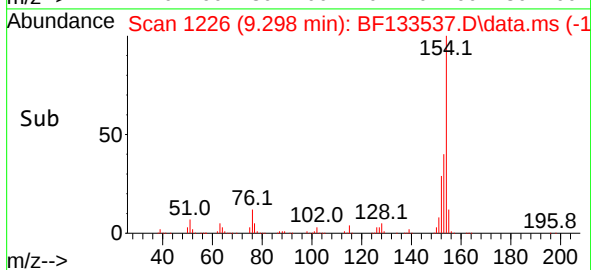
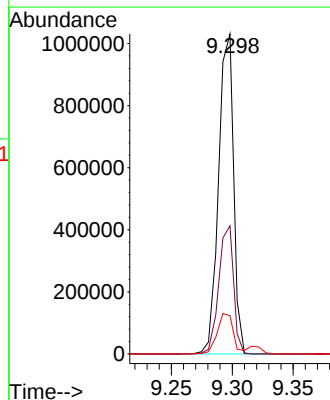
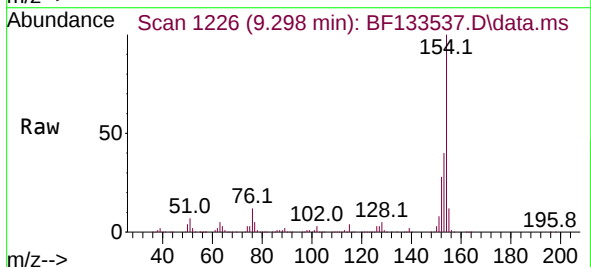
APPROVED

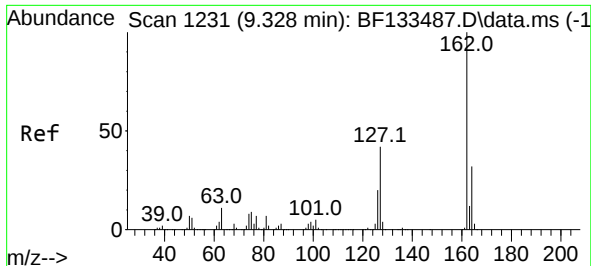
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#46
1,1'-Biphenyl
Concen: 42.628 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:154 Resp: 888478
Ion Ratio Lower Upper
154 100
153 40.1 21.0 61.0
76 11.9 0.0 32.5





#47
2-Chloronaphthalene
Concen: 43.136 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

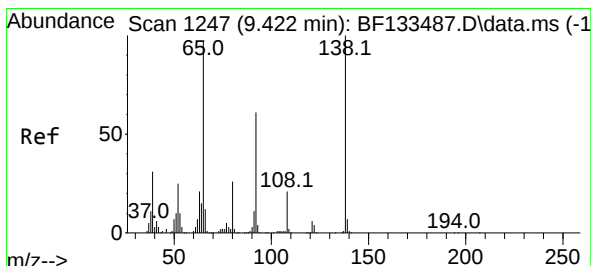
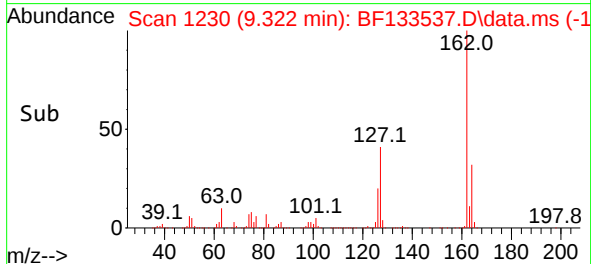
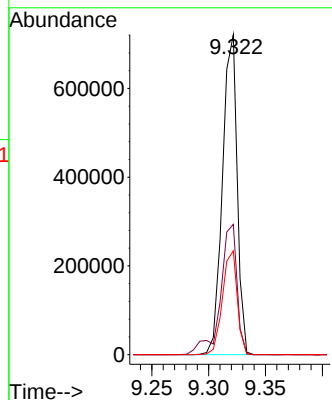
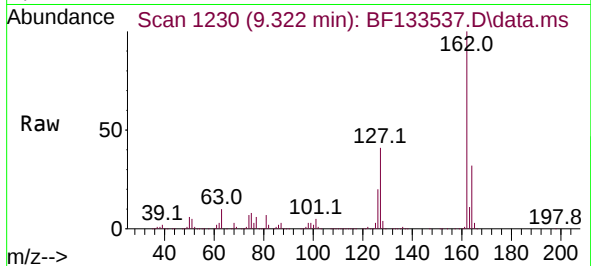
ClientSampleId :

PB153095BS

Tgt Ion:162 Resp: 65158
Ion Ratio Lower Upper
162 100
127 40.8 33.2 49.8
164 32.4 26.0 39.0

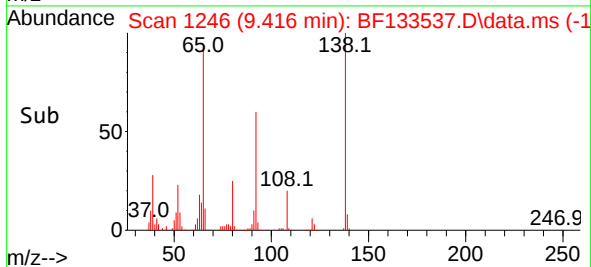
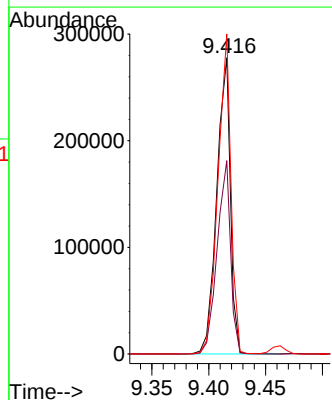
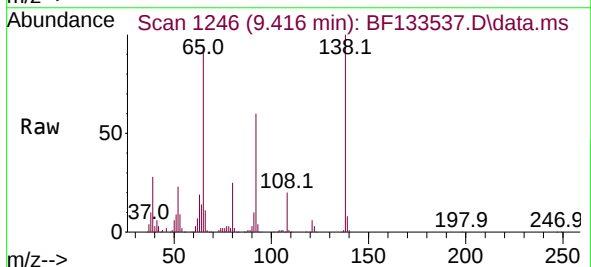
Manual Integrations
APPROVED

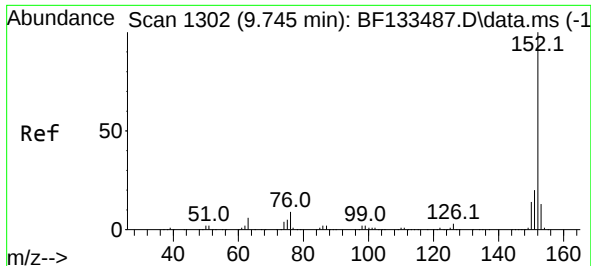
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#48
2-Nitroaniline
Concen: 47.744 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion: 65 Resp: 231434
Ion Ratio Lower Upper
65 100
92 65.3 50.8 76.2
138 108.0 82.6 124.0





#49

Acenaphthylene

Concen: 42.863 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133537.D

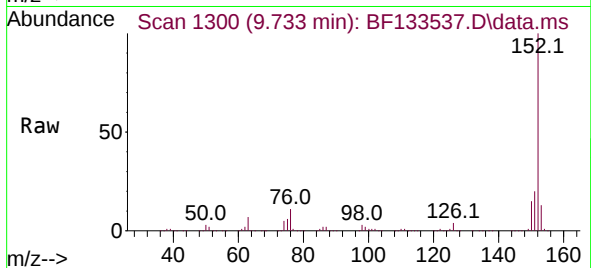
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



Tgt Ion:152 Resp: 110490

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

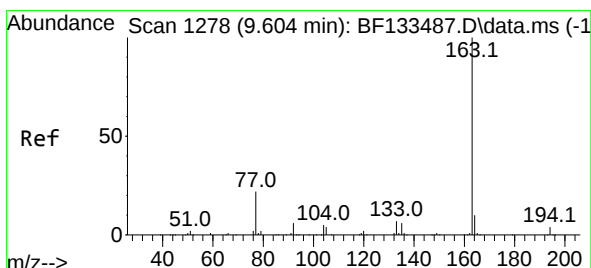
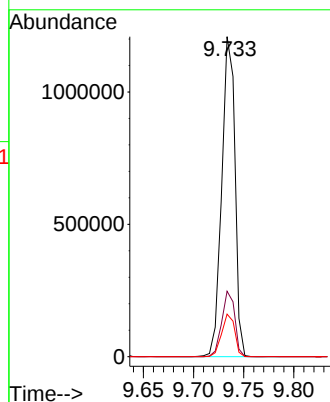
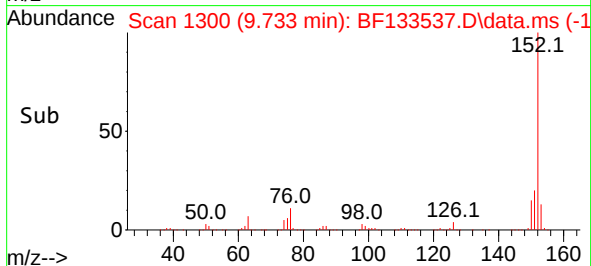
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#50

Dimethylphthalate

Concen: 42.839 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

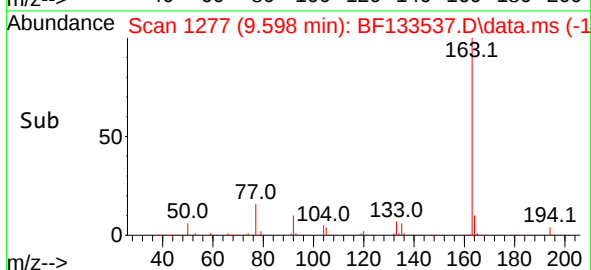
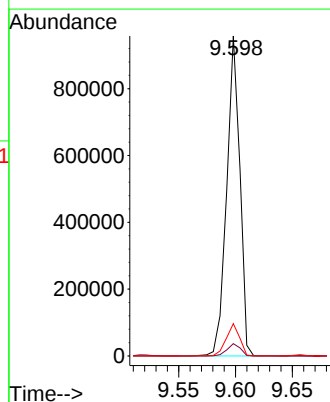
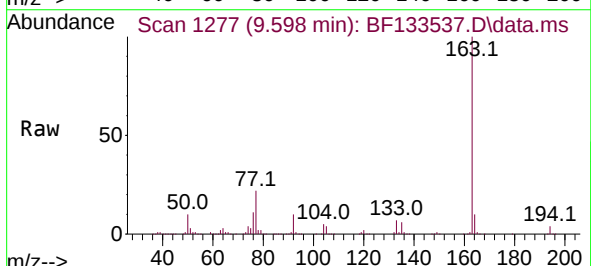
Tgt Ion:163 Resp: 772414

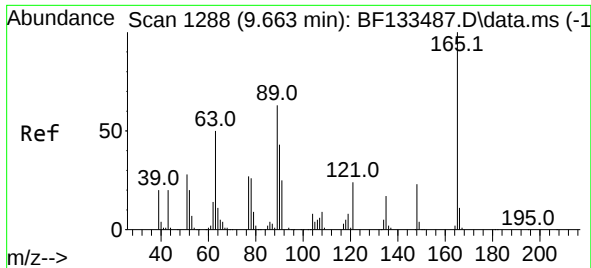
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.2





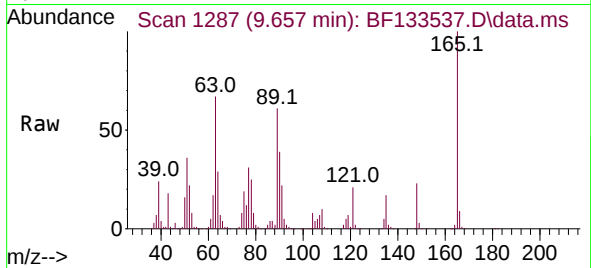
#51
2,6-Dinitrotoluene
Concen: 50.143 ng
RT: 9.657 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

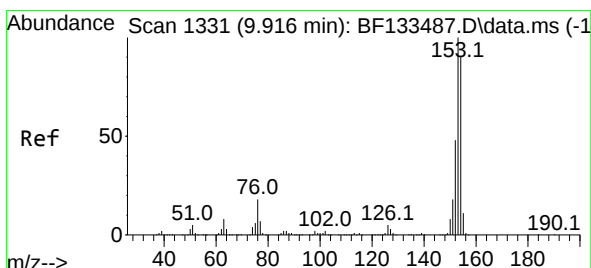
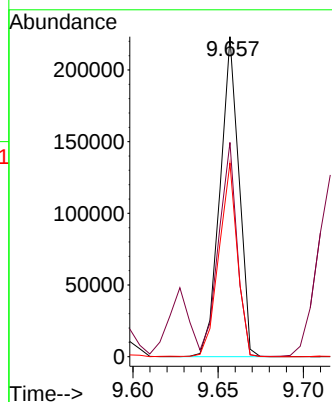
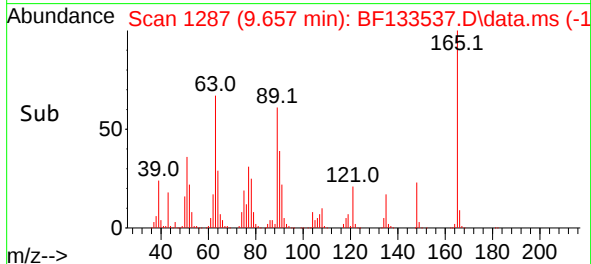


Tgt Ion:165 Resp: 172509
Ion Ratio Lower Upper
165 100
63 66.9 57.0 85.4
89 60.5 50.8 76.2

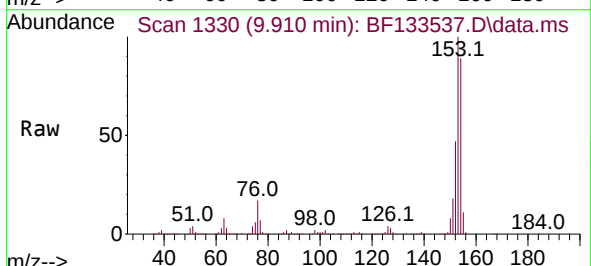
Manual Integrations

APPROVED

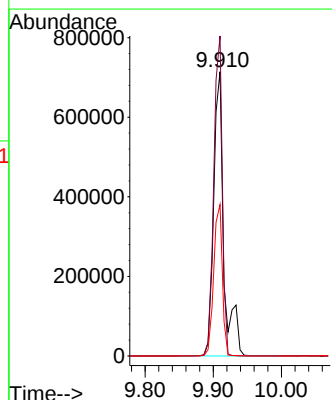
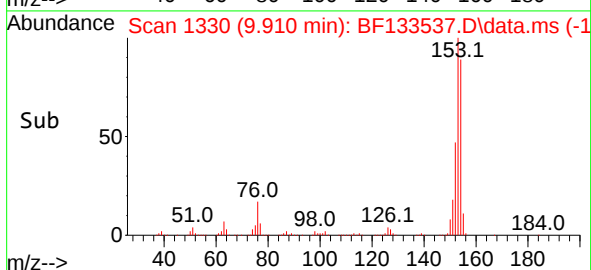
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

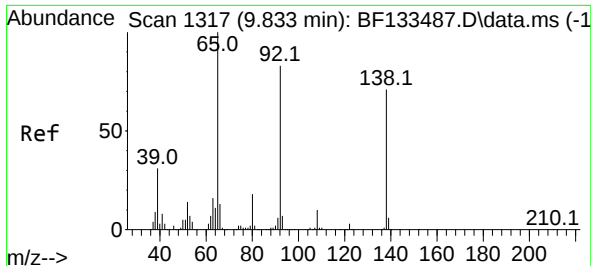


#52
Acenaphthene
Concen: 47.492 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



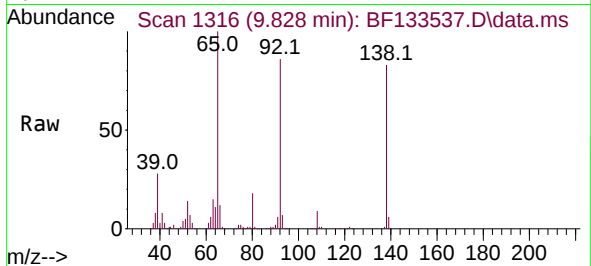
Tgt Ion:154 Resp: 741600
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 53.2 43.1 64.7





#53
3-Nitroaniline
Concen: 36.355 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

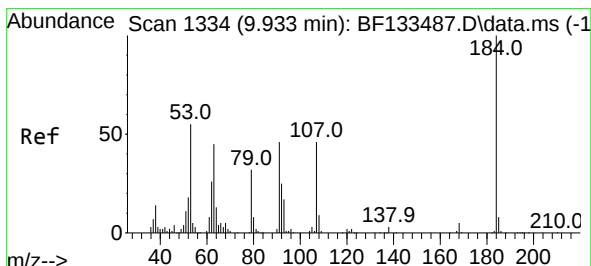
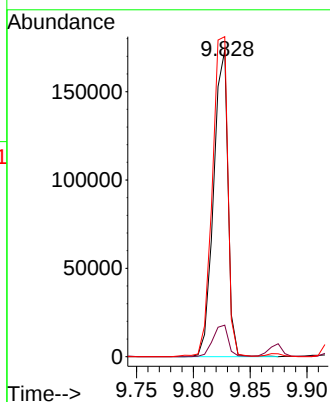
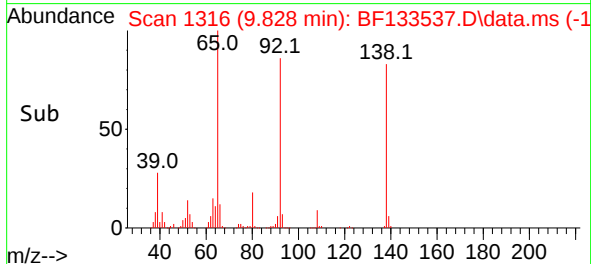
Instrument :
BNA_F
ClientSampleId :
PB153095BS



Tgt Ion:138 Resp: 15269
Ion Ratio Lower Upper
138 100
108 10.3 11.9 17.9
92 104.4 93.1 139.7

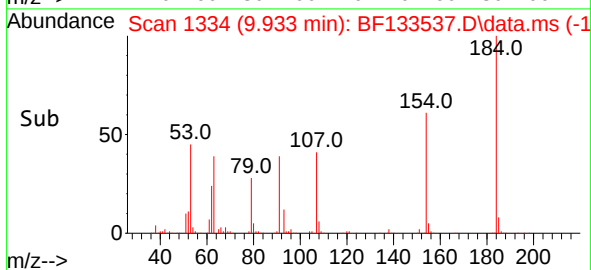
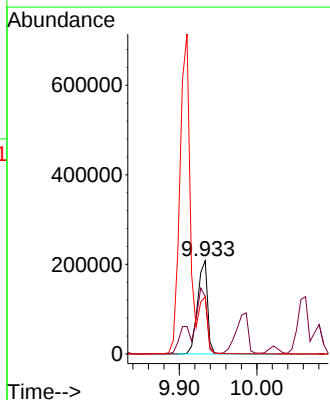
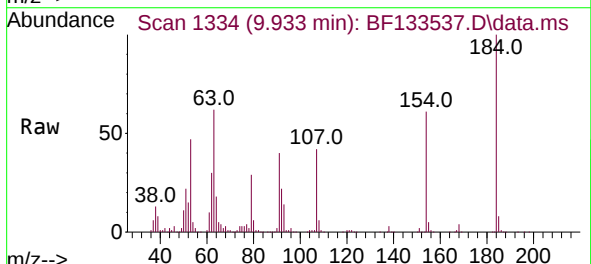
Manual Integrations
APPROVED

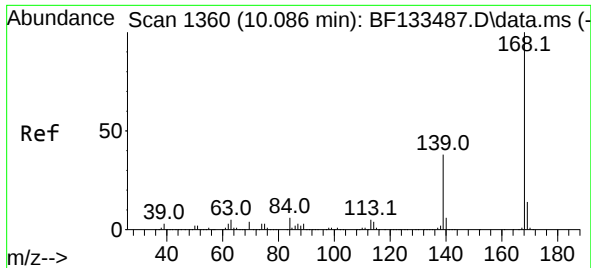
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#54
2,4-Dinitrophenol
Concen: 97.813 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

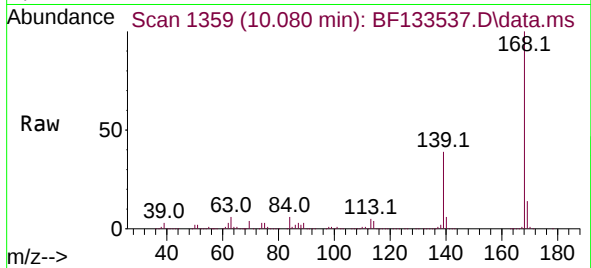
Tgt Ion:184 Resp: 186289
Ion Ratio Lower Upper
184 100
63 61.6 55.7 83.5
154 61.4 49.3 73.9





#55
Dibenzenofuran
Concen: 41.717 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

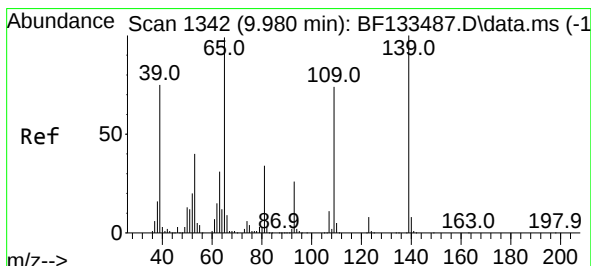
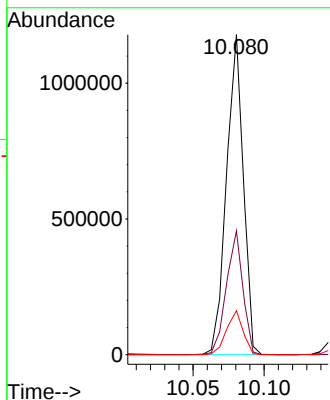
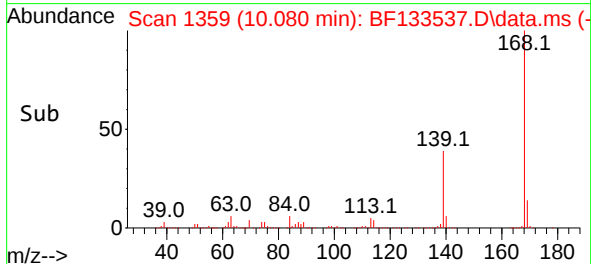
Instrument :
BNA_F
ClientSampleId :
PB153095BS



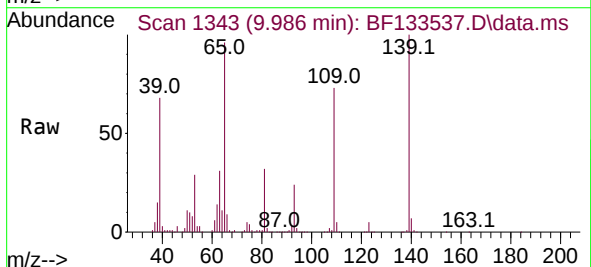
Tgt Ion:168 Resp: 969152
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.7 10.9 16.3

Manual Integrations
APPROVED

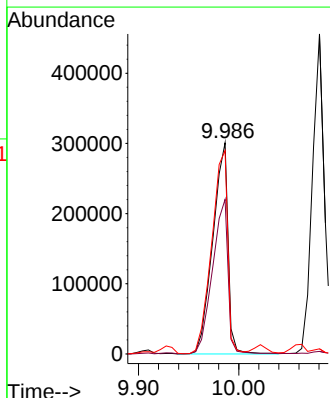
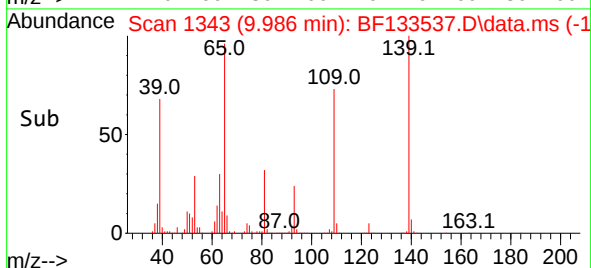
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

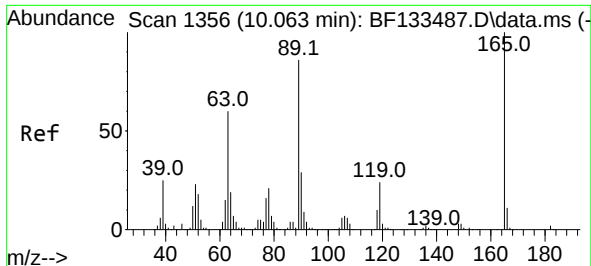


#56
4-Nitrophenol
Concen: 103.381 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:139 Resp: 318912
Ion Ratio Lower Upper
139 100
109 73.2 54.5 94.5
65 96.3 79.5 119.5





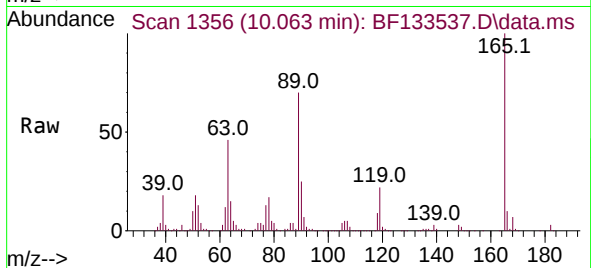
#57
2,4-Dinitrotoluene
Concen: 52.354 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



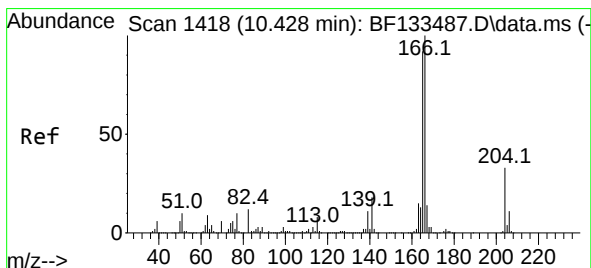
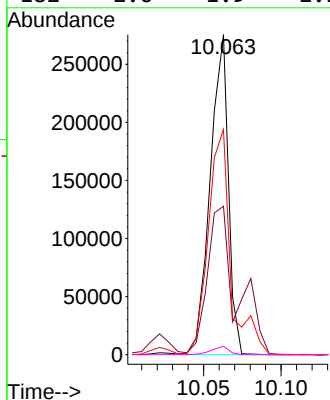
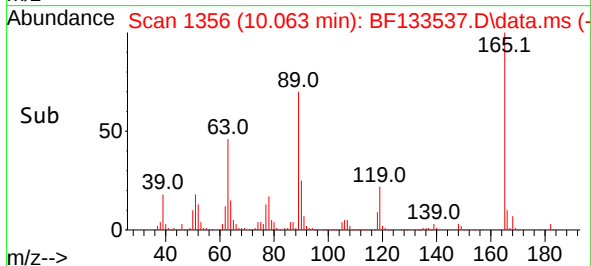
Tgt Ion:165 Resp: 224790
Ion Ratio Lower Upper
165 100
63 46.4 48.1 72.1
89 70.3 68.4 102.6
182 2.6 1.9 2.9

Manual Integrations

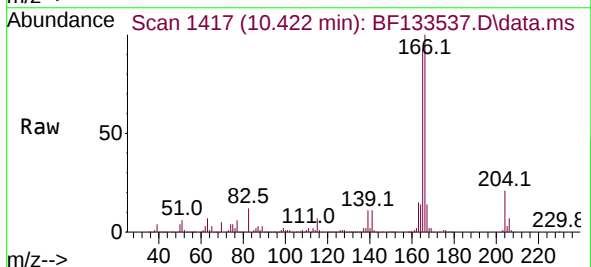
APPROVED

Reviewed By :Yogesh Patel 06/01/2023

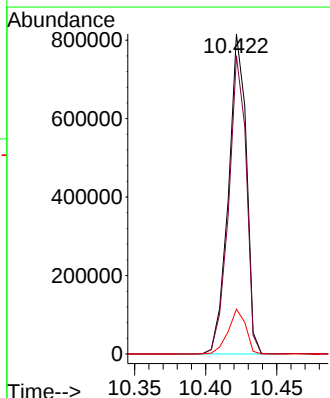
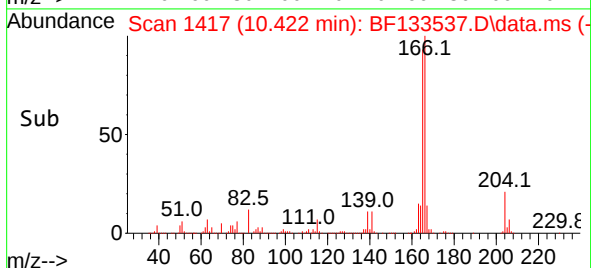
Supervised By :mohammad ahmed 06/01/2023

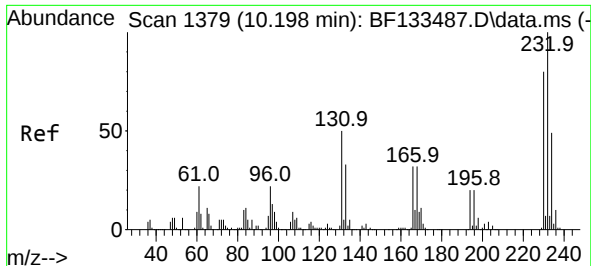


#58
Fluorene
Concen: 42.002 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



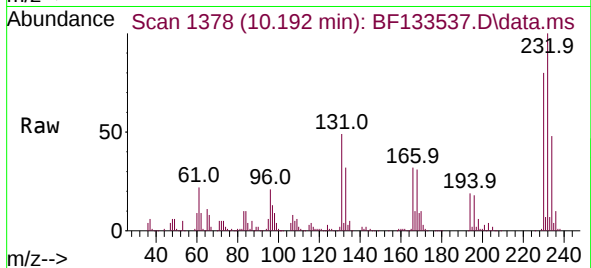
Tgt Ion:166 Resp: 714903
Ion Ratio Lower Upper
166 100
165 93.2 73.4 110.0
167 14.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.095 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

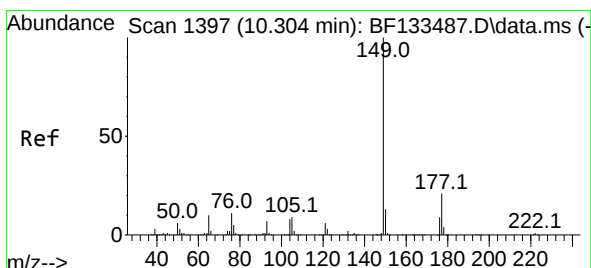
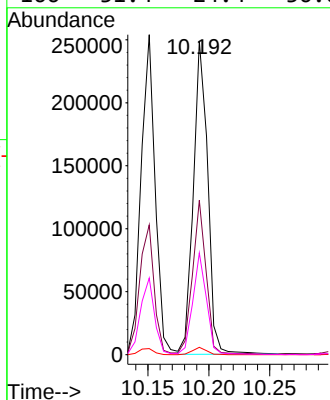
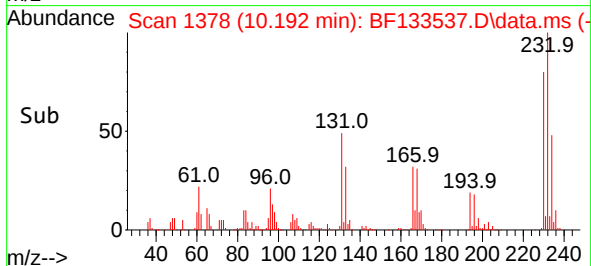
Instrument :
BNA_F
ClientSampleId :
PB153095BS



Tgt Ion:232 Resp: 204550
Ion Ratio Lower Upper
232 100
131 46.5 37.9 56.9
130 2.3 1.8 2.6
166 31.4 24.4 36.6

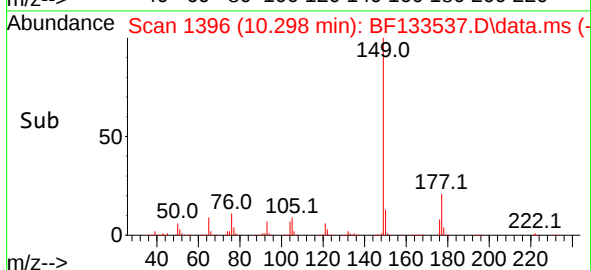
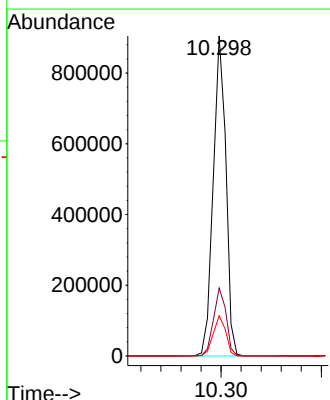
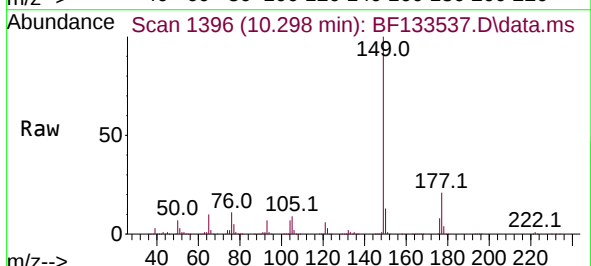
Manual Integrations
APPROVED

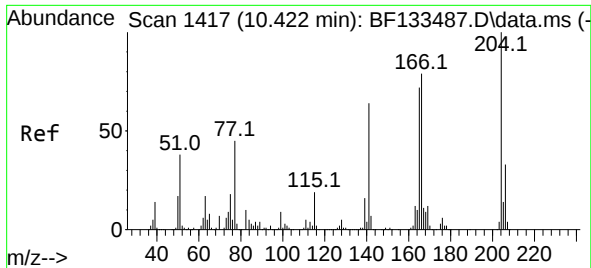
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#60
Diethylphthalate
Concen: 42.447 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

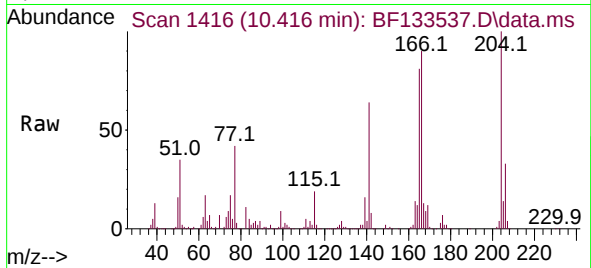
Tgt Ion:149 Resp: 794497
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.734 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

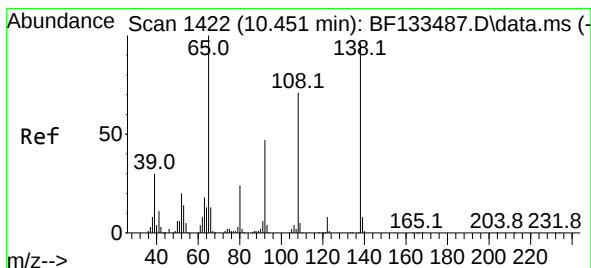
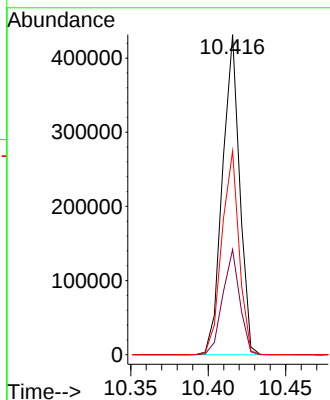
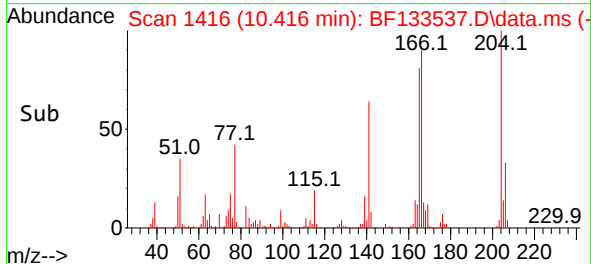
Instrument :
BNA_F
ClientSampleId :
PB153095BS



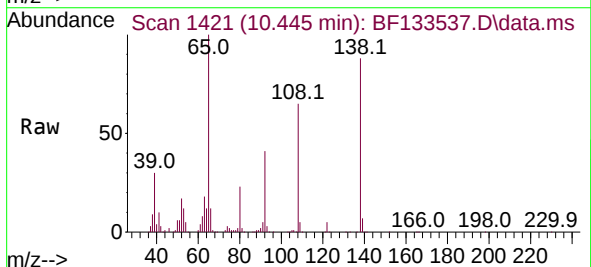
Tgt Ion:204 Resp: 332908
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 63.7 51.4 77.2

Manual Integrations
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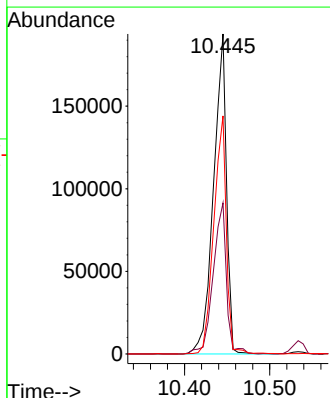
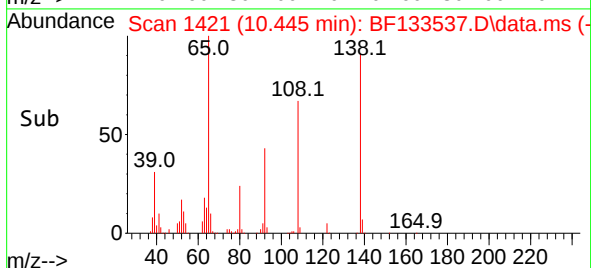
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

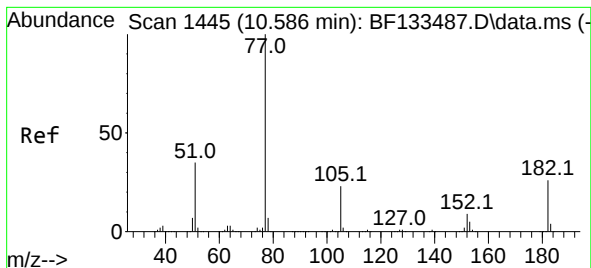


#62
4-Nitroaniline
Concen: 47.179 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:138 Resp: 204085
Ion Ratio Lower Upper
138 100
92 47.2 28.4 68.4
108 74.4 54.2 94.2





#63

Azobenzene

Concen: 41.476 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF133537.D

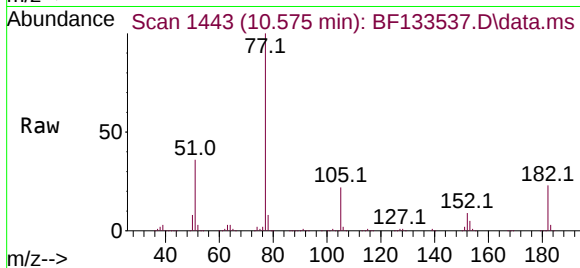
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS



Tgt Ion: 77 Resp: 777109

Ion Ratio Lower Upper

77 100

182 23.5 5.6 45.6

105 22.2 2.6 42.6

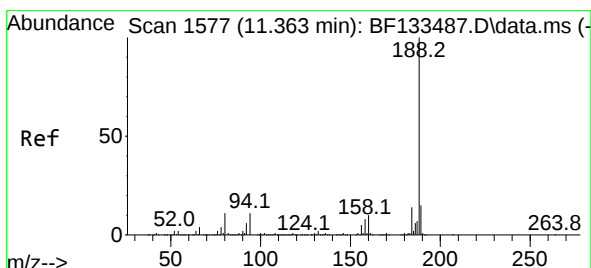
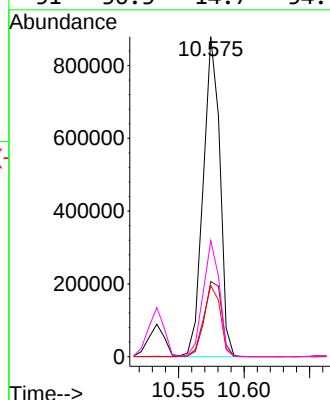
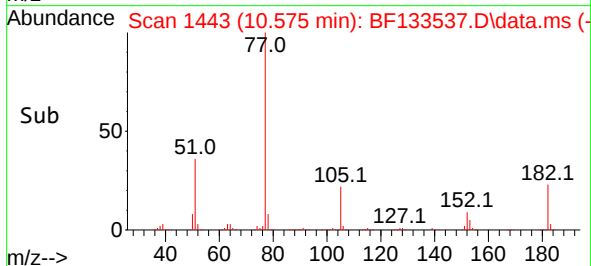
51 36.3 14.7 54.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

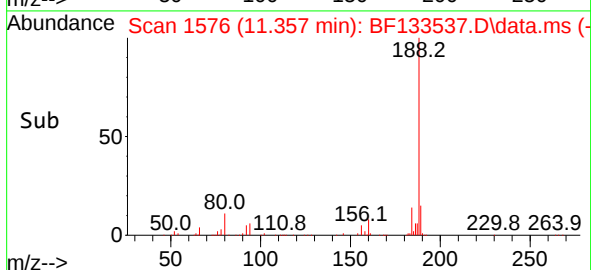
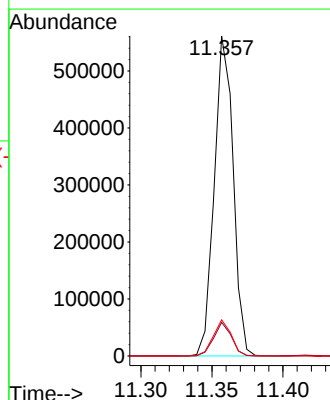
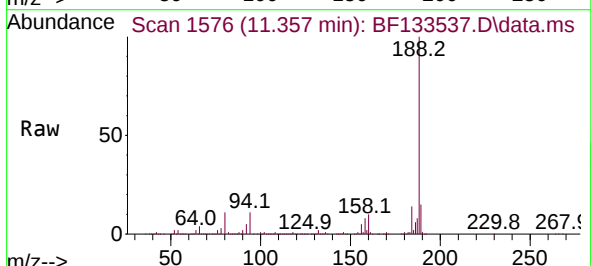
Tgt Ion:188 Resp: 518242

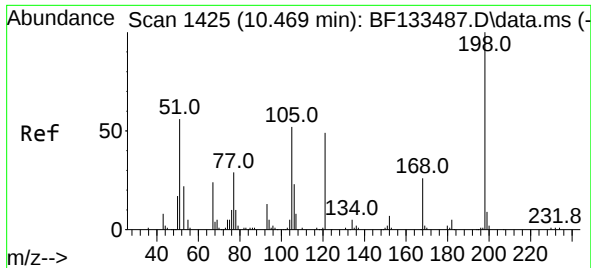
Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

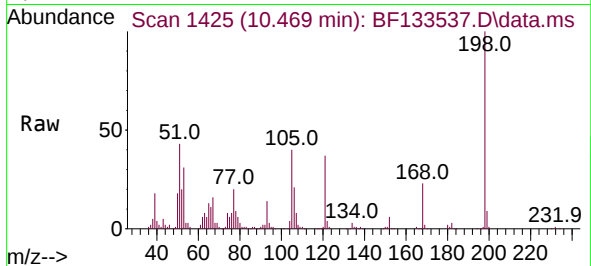
80 11.3 9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 54.571 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

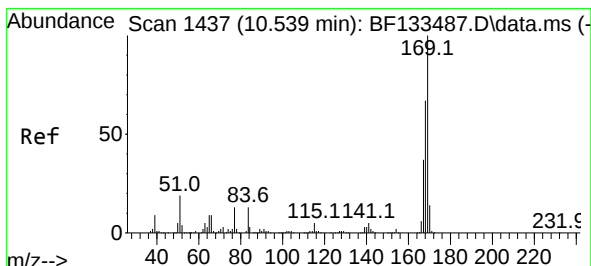
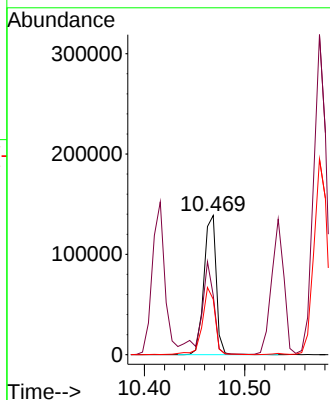
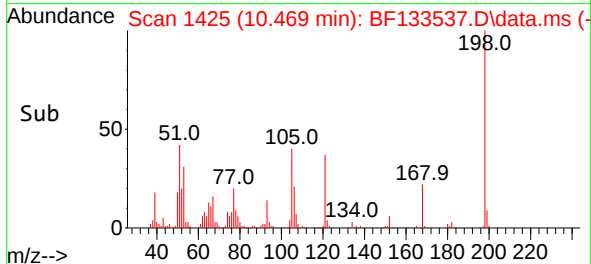
Instrument :
BNA_F
ClientSampleId :
PB153095BS



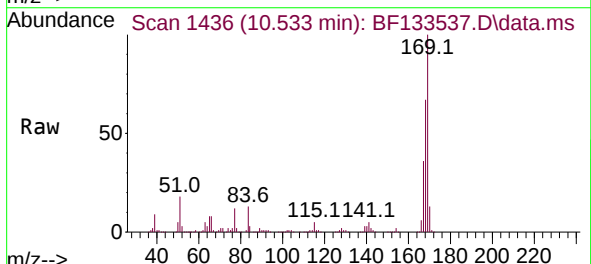
Tgt Ion:198 Resp: 118738
Ion Ratio Lower Upper
198 100
51 42.6 53.6 93.6
105 39.7 35.9 75.9

Manual Integrations
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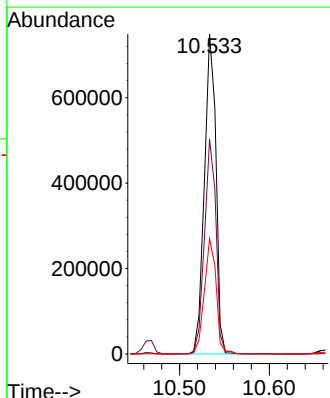
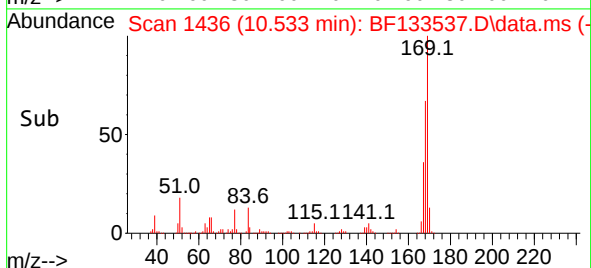
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

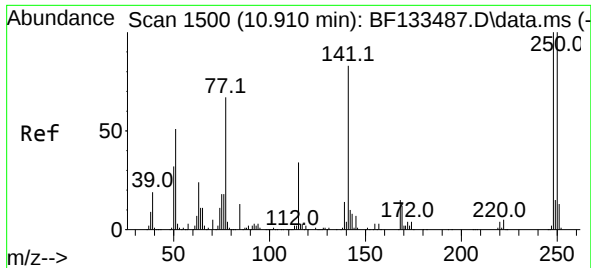


#66
n-Nitrosodiphenylamine
Concen: 39.759 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:169 Resp: 668947
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.1 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 40.047 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

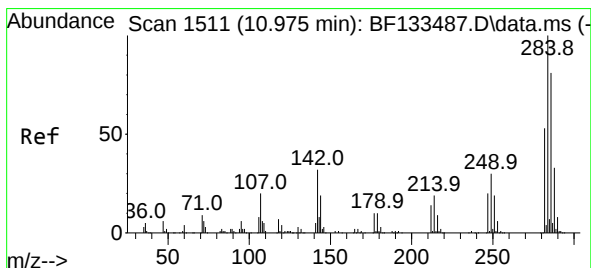
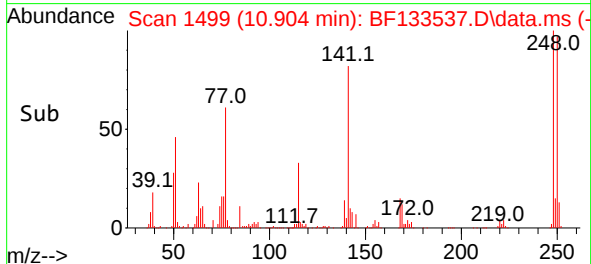
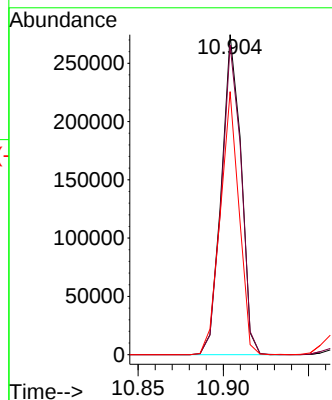
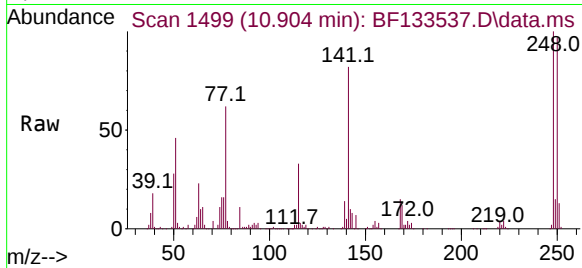
PB153095BS

Tgt Ion:248 Resp: 220409
Ion Ratio Lower Upper
248 100
250 96.7 79.7 119.5
141 82.2 66.6 100.0

Manual Integrations

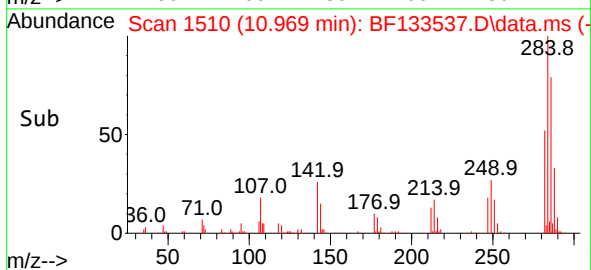
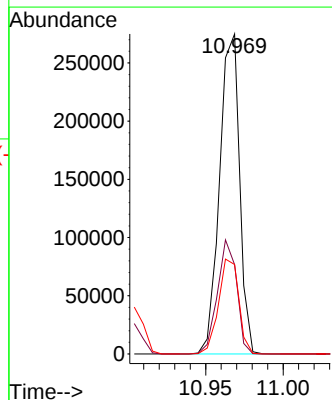
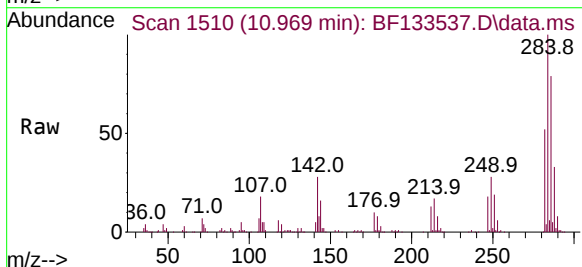
APPROVED

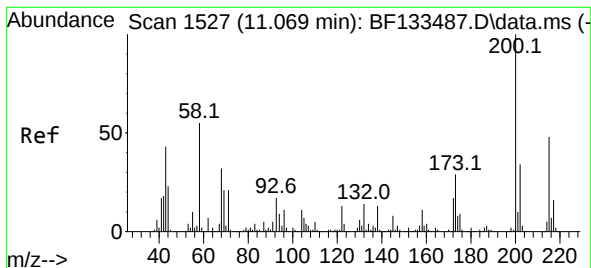
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#68
Hexachlorobenzene
Concen: 42.858 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:284 Resp: 246667
Ion Ratio Lower Upper
284 100
142 27.9 25.8 38.6
249 28.0 24.4 36.6





#69

Atrazine

Concen: 47.502 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

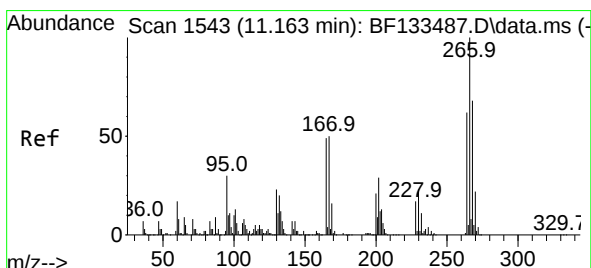
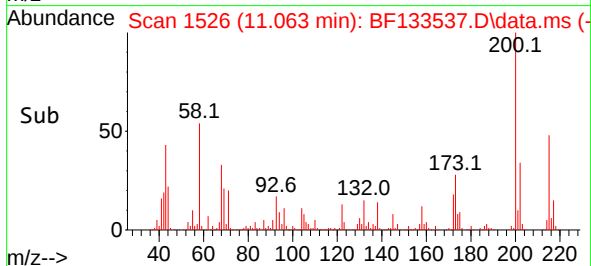
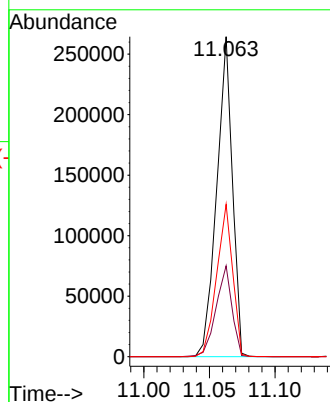
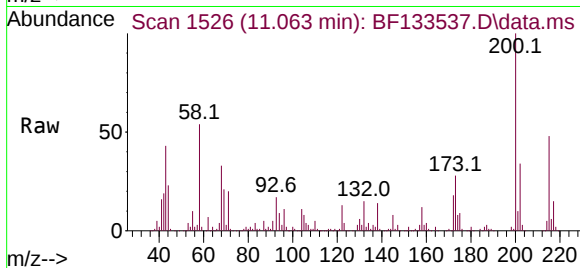
Tgt Ion:200 Resp: 219284
 Ion Ratio Lower Upper
 200 100
 173 28.4 9.0 49.0
 215 47.6 27.6 67.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#70

Pentachlorophenol

Concen: 82.400 ng

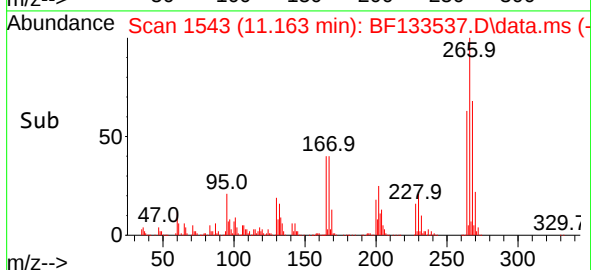
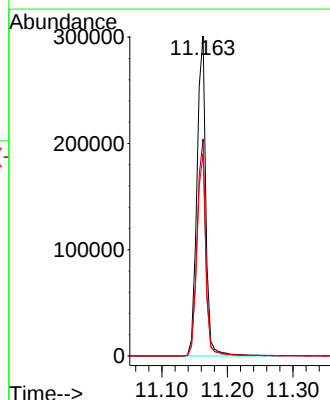
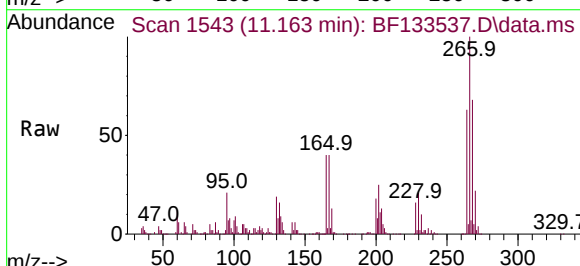
RT: 11.163 min Scan# 1543

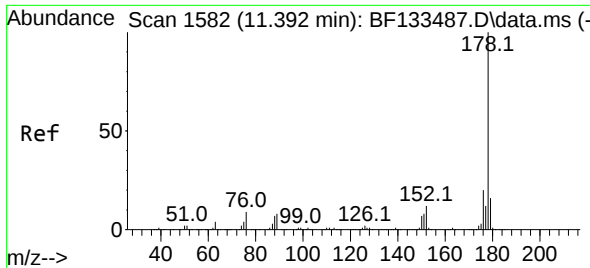
Delta R.T. 0.006 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Tgt Ion:266 Resp: 283569
 Ion Ratio Lower Upper
 266 100
 268 67.8 54.6 82.0
 264 63.2 49.2 73.8





#71
Phenanthrene
Concen: 40.786 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

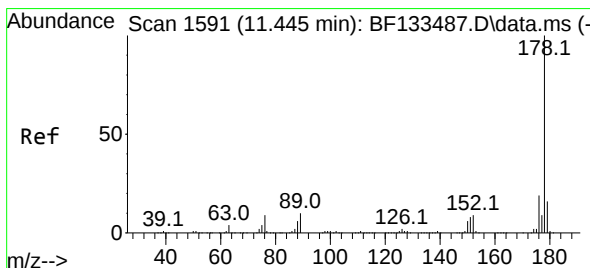
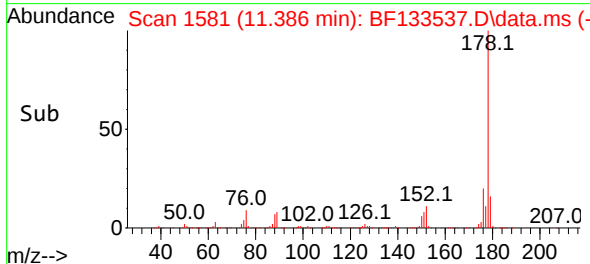
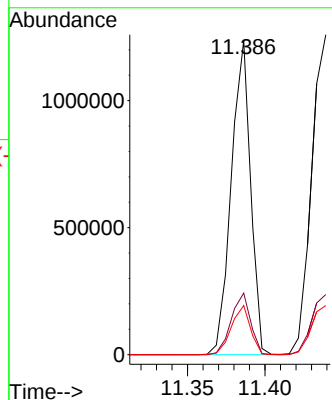
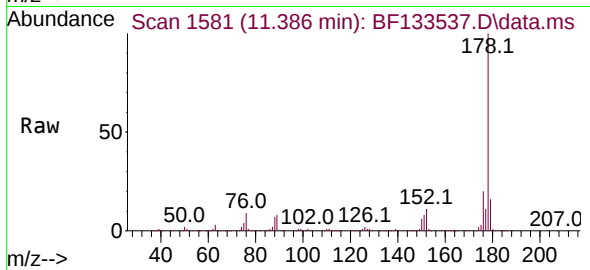
PB153095BS

Tgt Ion:178 Resp: 107057
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.4 18.6

Manual Integrations

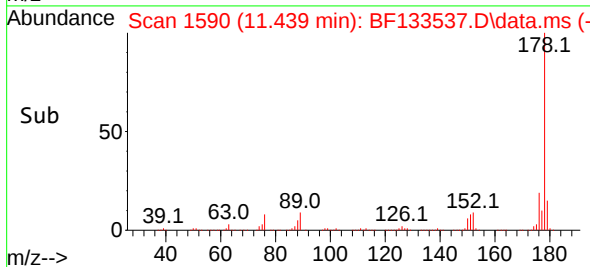
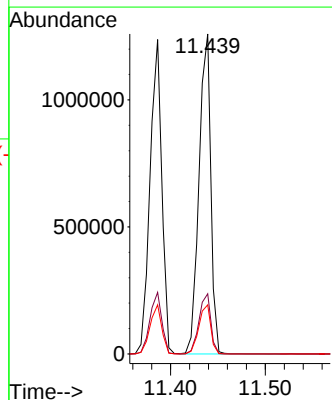
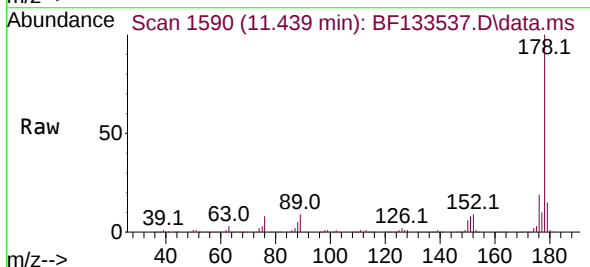
APPROVED

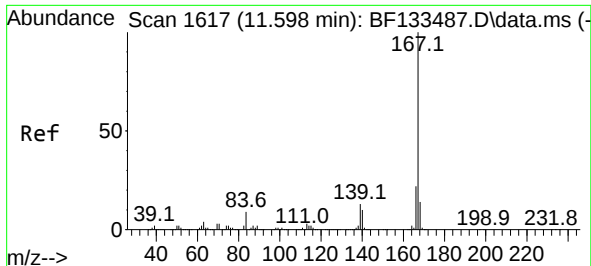
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#72
Anthracene
Concen: 40.491 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

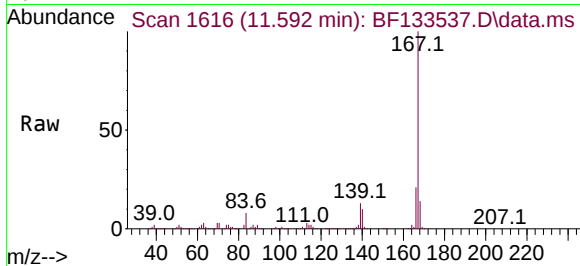
Tgt Ion:178 Resp: 1093866
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 41.953 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133537.D
 Acq: 31 May 2023 13:29

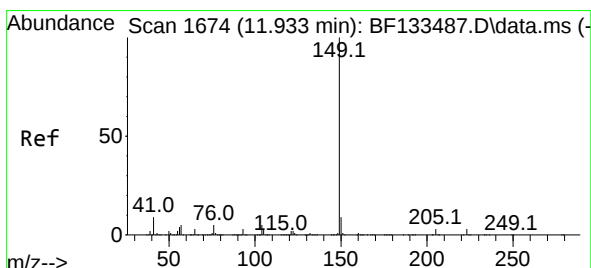
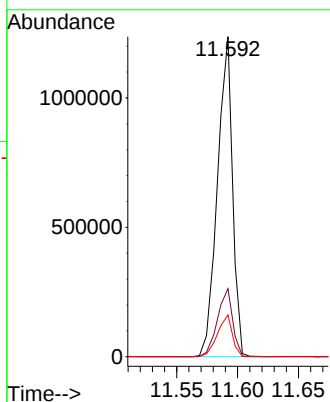
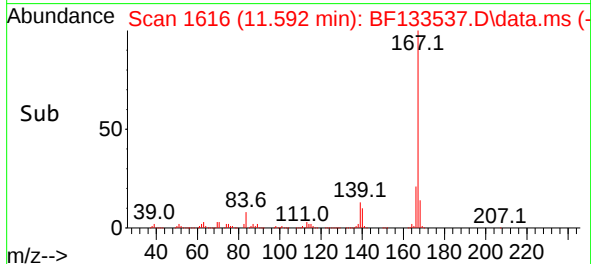
Instrument :
 BNA_F
 ClientSampleId :
 PB153095BS



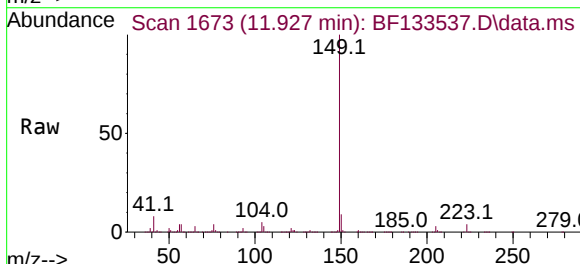
Tgt Ion:167 Resp: 1071824
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.0 10.7 16.1

Manual Integrations
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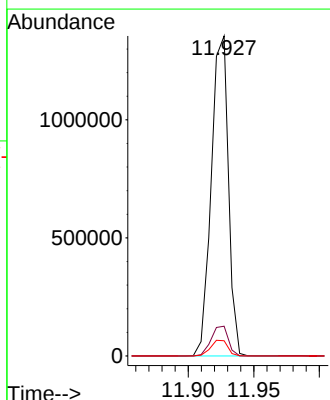
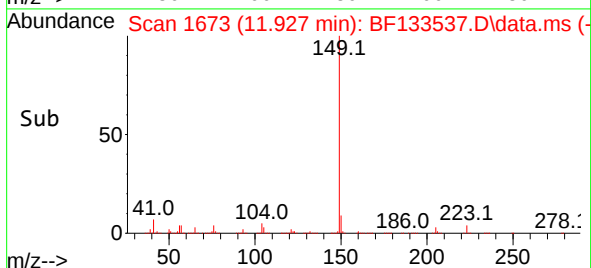
Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

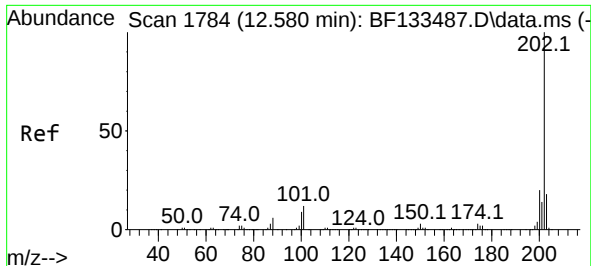


#74
 Di-n-butylphthalate
 Concen: 40.805 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133537.D
 Acq: 31 May 2023 13:29



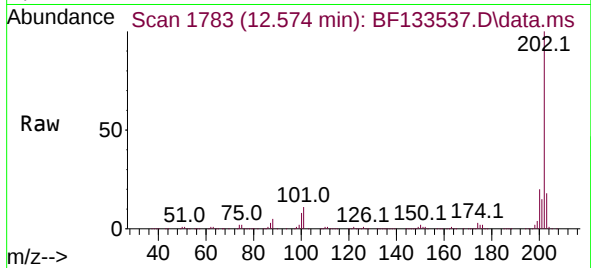
Tgt Ion:149 Resp: 1232712
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 41.275 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

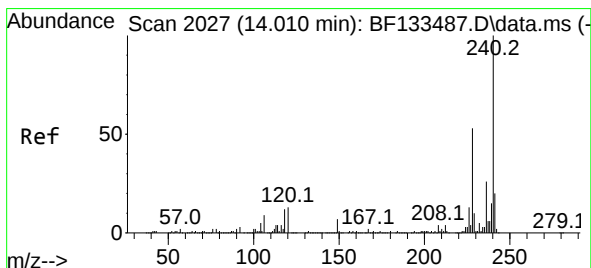
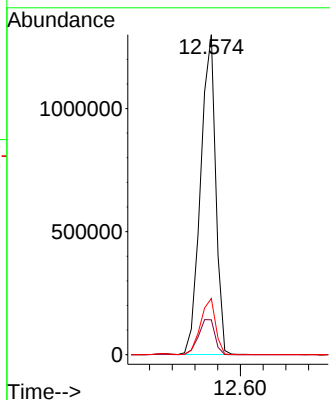
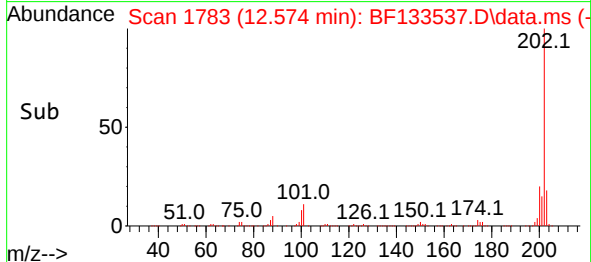
Instrument :
BNA_F
ClientSampleId :
PB153095BS



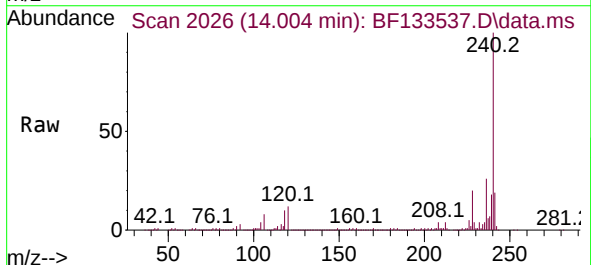
Tgt Ion:202 Resp: 1196697
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.2
203 17.5 0.0 37.8

Manual Integrations
APPROVED

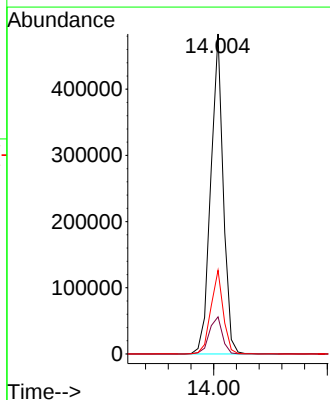
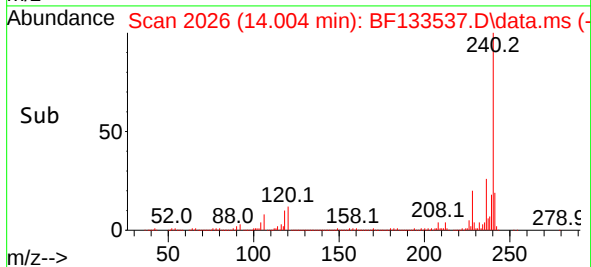
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

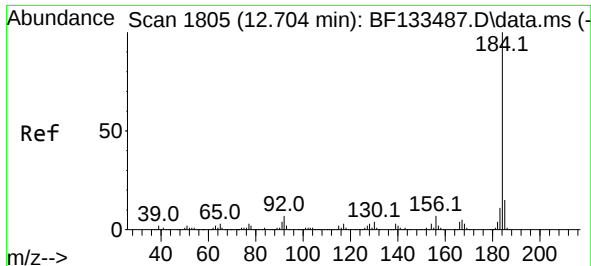


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



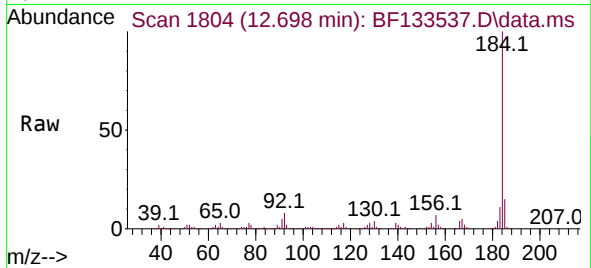
Tgt Ion:240 Resp: 367296
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 26.1 20.5 30.7





#77
Benzidine
Concen: 74.025 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

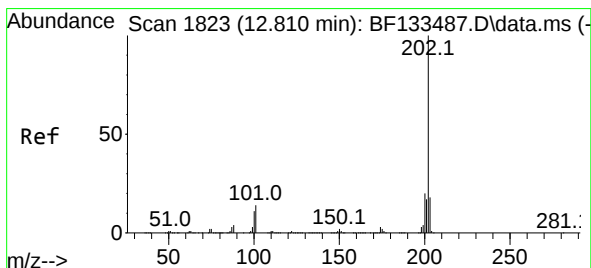
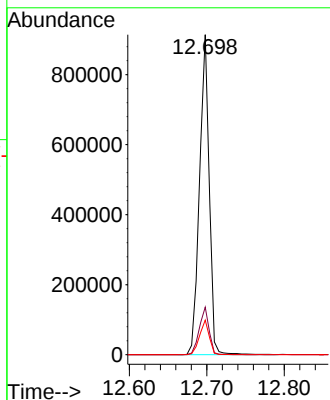
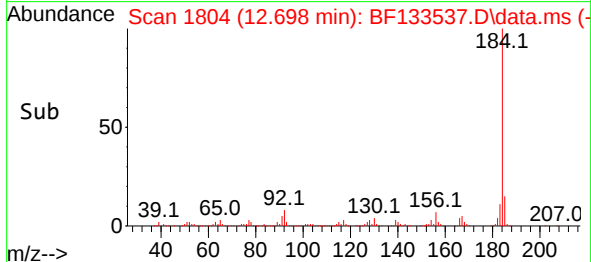
Instrument :
BNA_F
ClientSampleId :
PB153095BS



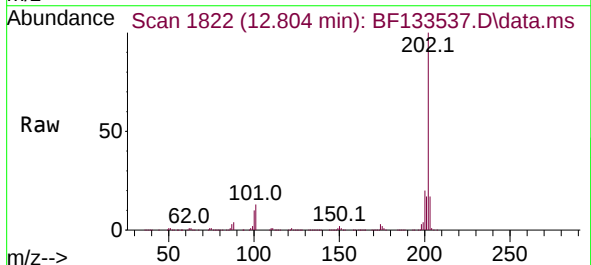
Tgt Ion:184 Resp: 795219
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 10.8 8.7 13.1

Manual Integrations
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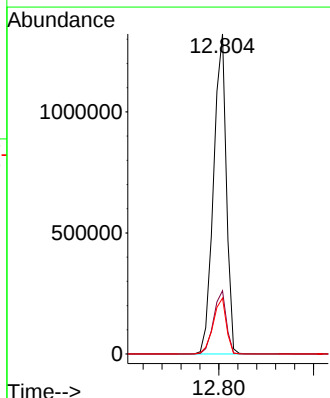
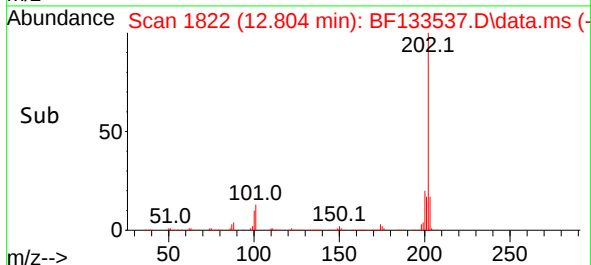
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

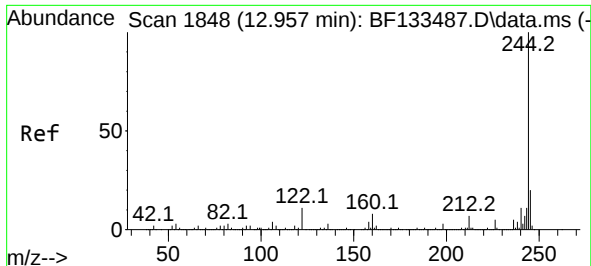


#78
Pyrene
Concen: 39.638 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:202 Resp: 1238881
Ion Ratio Lower Upper
202 100
200 19.8 16.3 24.5
203 17.5 14.3 21.5





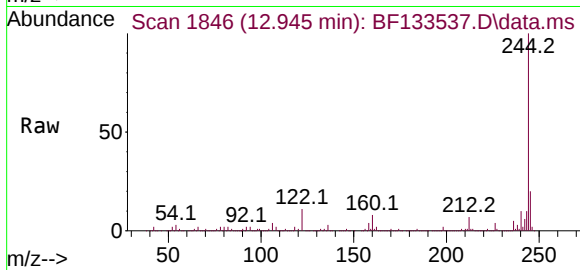
#79
Terphenyl-d14
Concen: 62.083 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

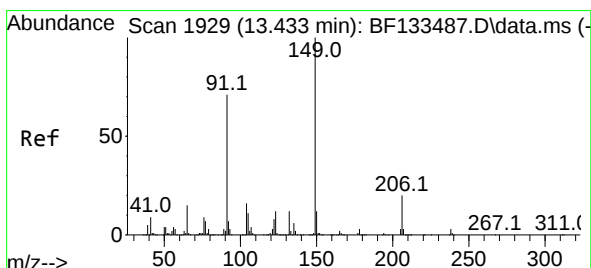
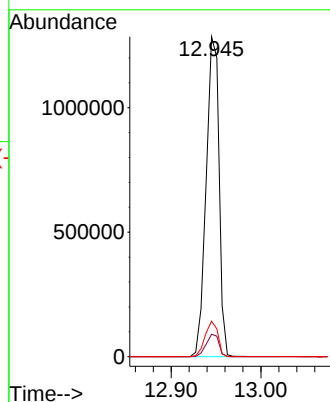
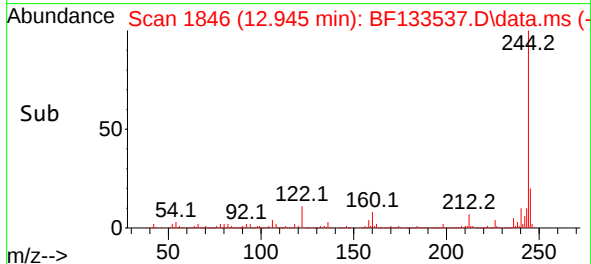


Tgt Ion:244 Resp: 1282519
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.1 8.5 12.7

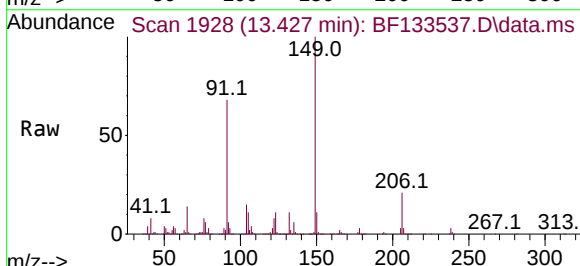
Manual Integrations

APPROVED

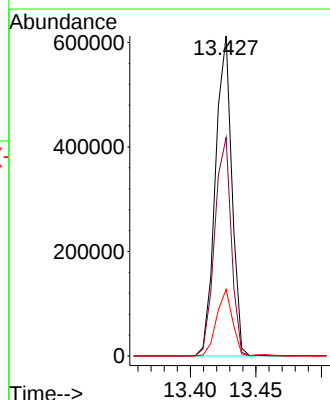
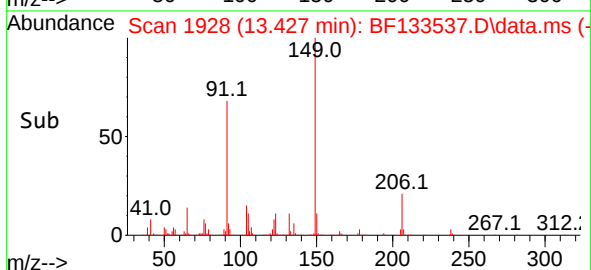
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

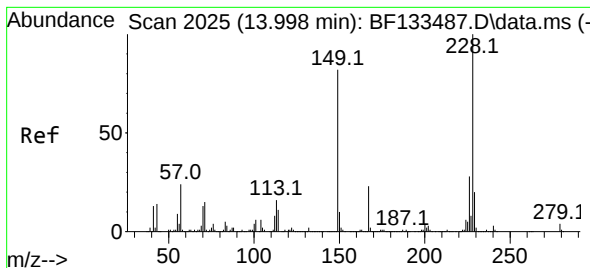


#80
Butylbenzylphthalate
Concen: 43.208 ng
RT: 13.427 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:149 Resp: 534326
Ion Ratio Lower Upper
149 100
91 68.3 56.9 85.3
206 20.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.249 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

Tgt Ion:228 Resp: 984820

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

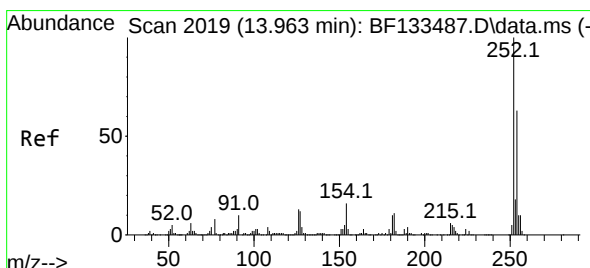
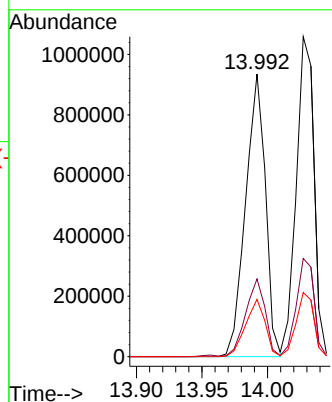
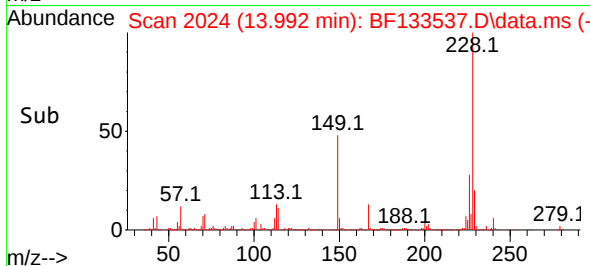
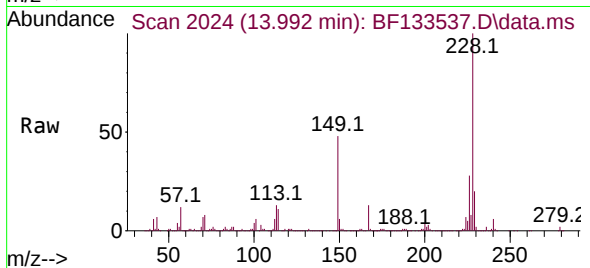
229 20.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 32.515 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

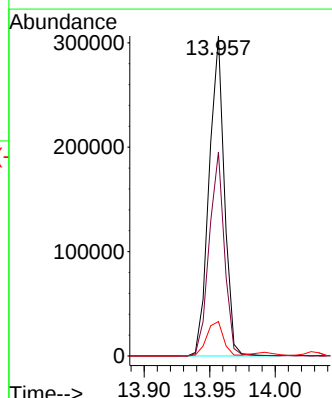
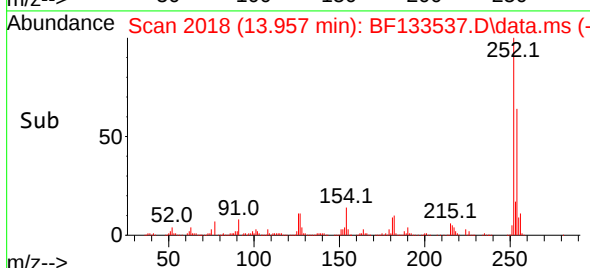
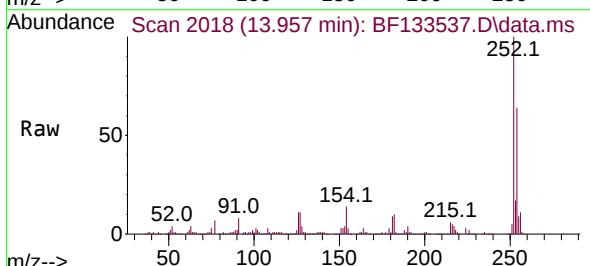
Tgt Ion:252 Resp: 248701

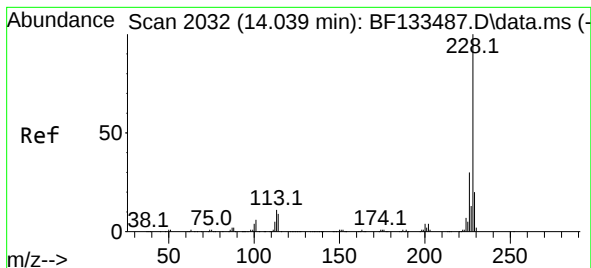
Ion Ratio Lower Upper

252 100

254 63.8 50.3 75.5

126 10.7 10.5 15.7





#83

Chrysene

Concen: 40.441 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB153095BS

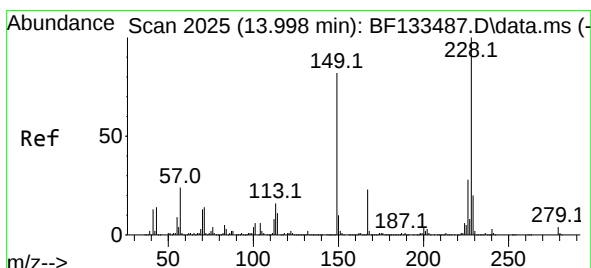
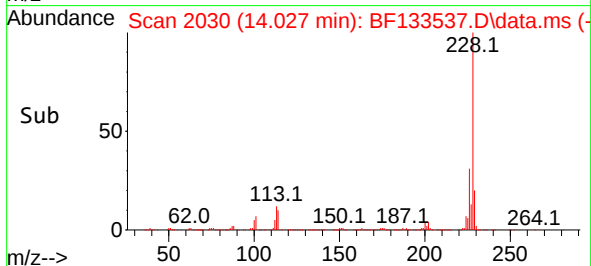
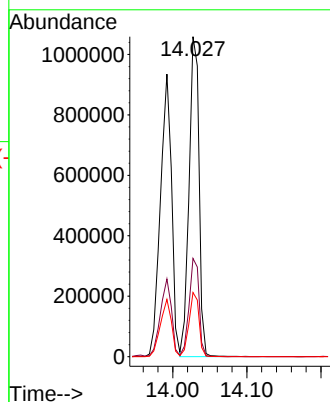
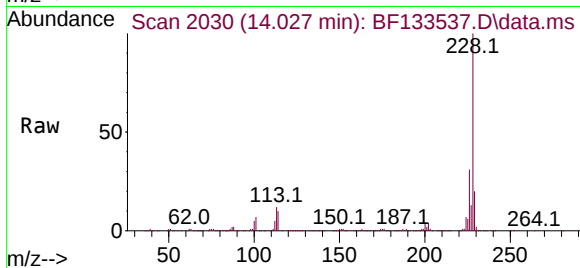
Tgt Ion:	228	Resp:	998914
Ion Ratio	100	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.1	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.290 ng

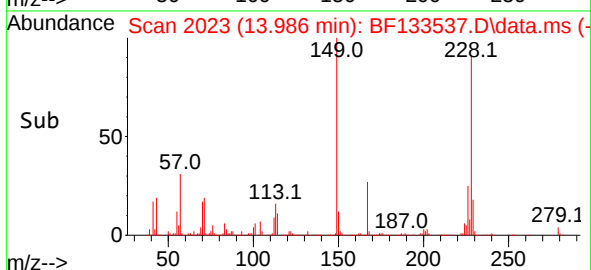
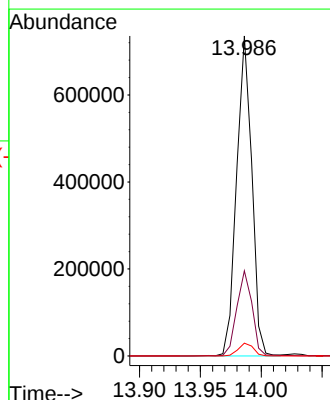
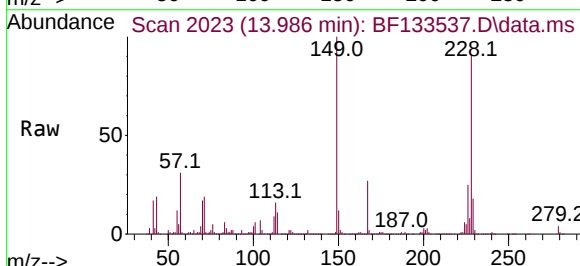
RT: 13.986 min Scan# 2023

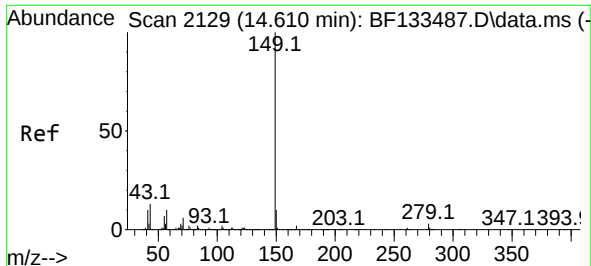
Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

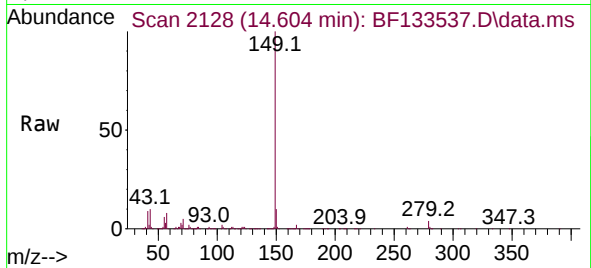
Tgt Ion:	149	Resp:	638250
Ion Ratio	100	Lower	Upper
149	100		
167	26.6	22.0	33.0
279	4.0	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 46.156 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

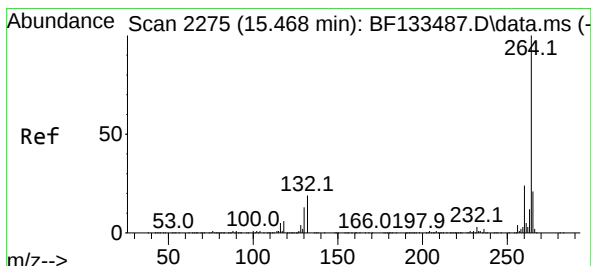
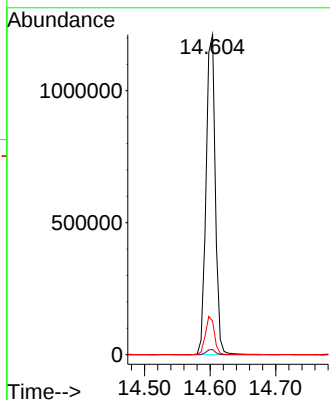
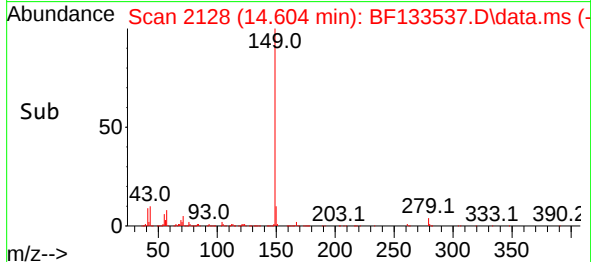
Instrument :
BNA_F
ClientSampleId :
PB153095BS



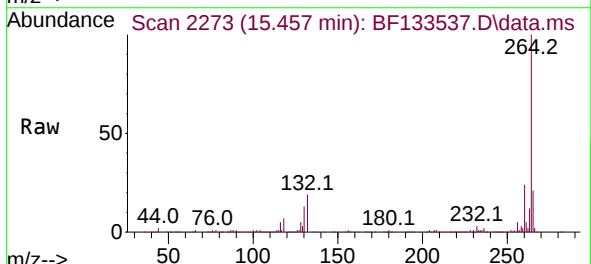
Tgt Ion:149 Resp: 1188519
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 10.0 15.0

Manual Integrations
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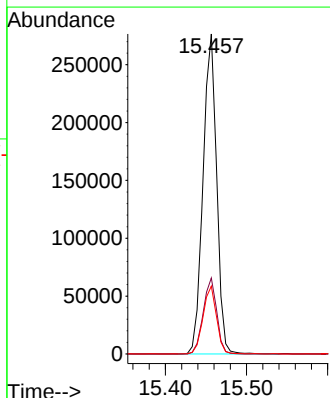
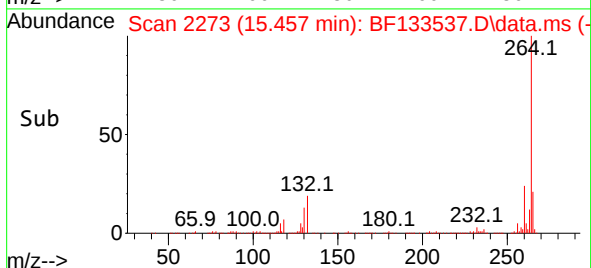
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

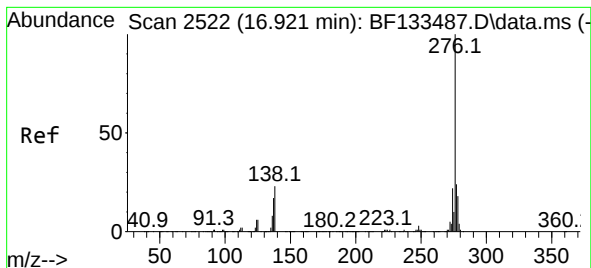


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29



Tgt Ion:264 Resp: 321942
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.209 ng

RT: 16.909 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

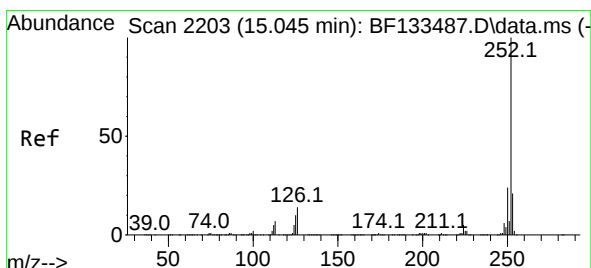
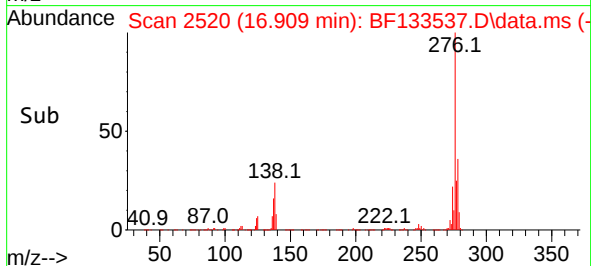
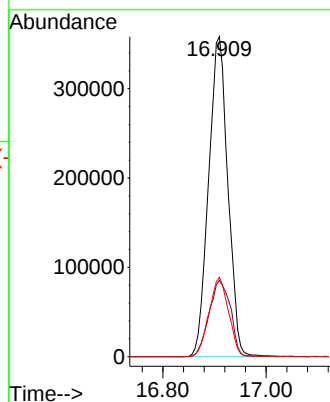
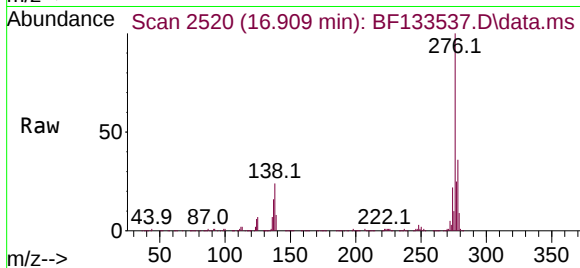
PB153095BS

Tgt Ion:276 Resp: 927105
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.4 32.2
 277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023



#88

Benzo(b)fluoranthene

Concen: 45.883 ng

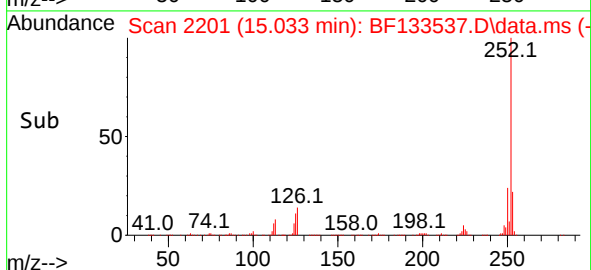
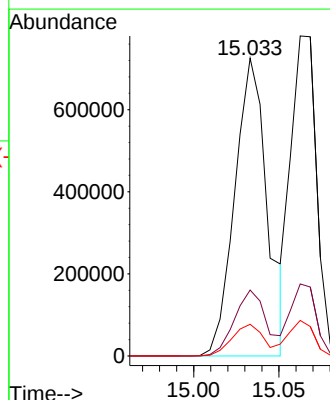
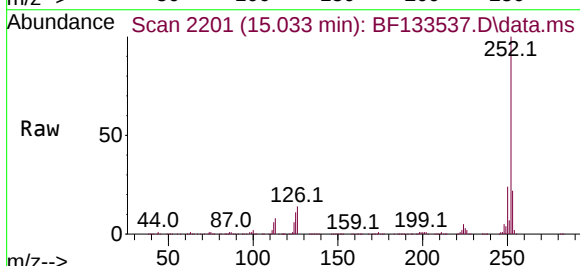
RT: 15.033 min Scan# 2201

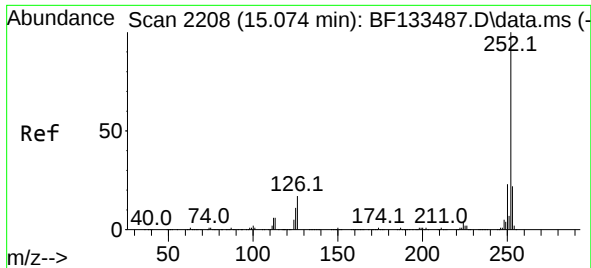
Delta R.T. -0.000 min

Lab File: BF133537.D

Acq: 31 May 2023 13:29

Tgt Ion:252 Resp: 961881
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 10.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 40.291 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

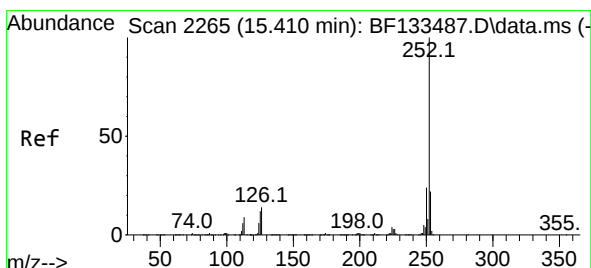
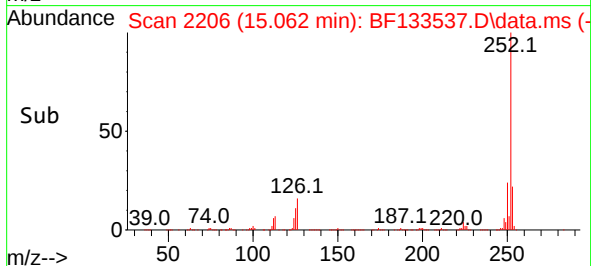
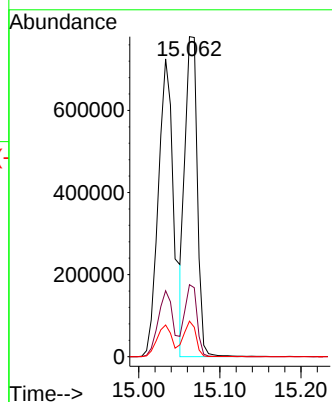
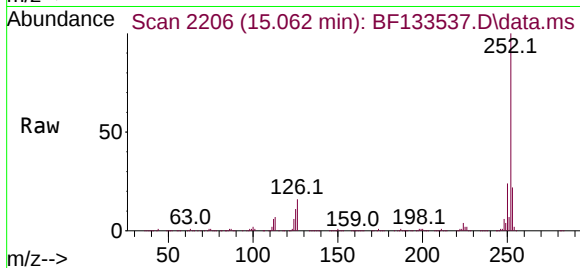
PB153095BS

Tgt Ion:252 Resp: 82360
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.1 8.3 12.5

Manual Integrations

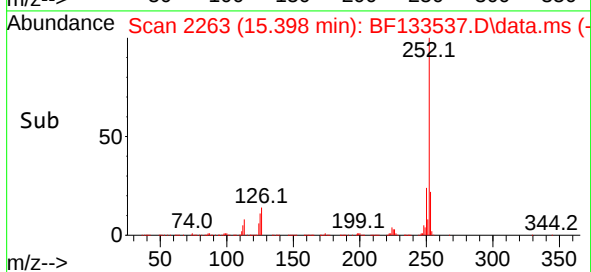
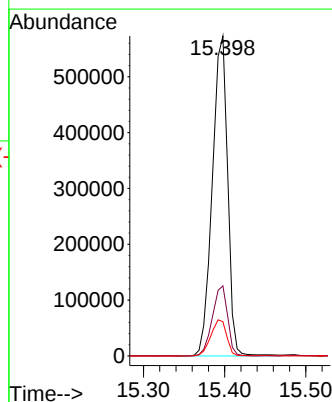
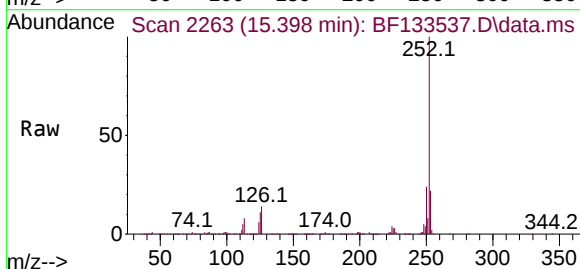
APPROVED

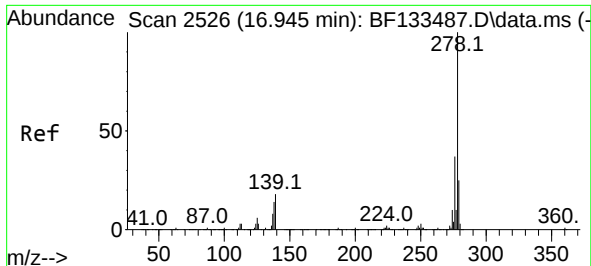
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#90
Benzo(a)pyrene
Concen: 39.432 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:252 Resp: 752209
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.7 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 44.862 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Instrument :

BNA_F

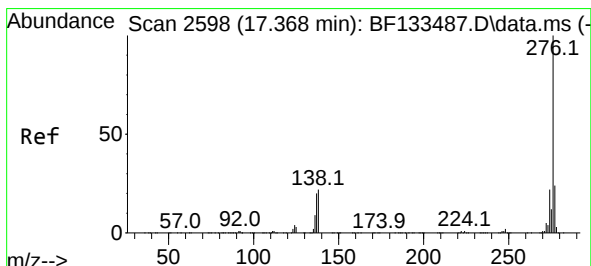
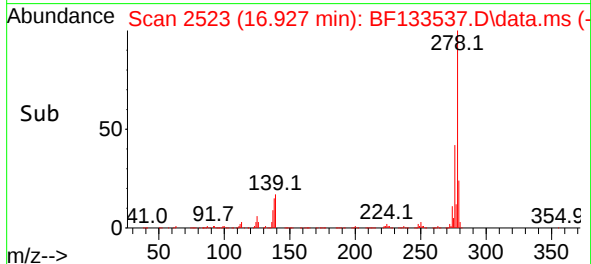
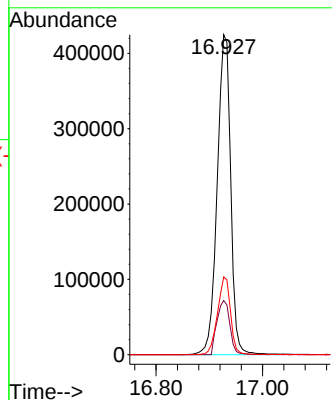
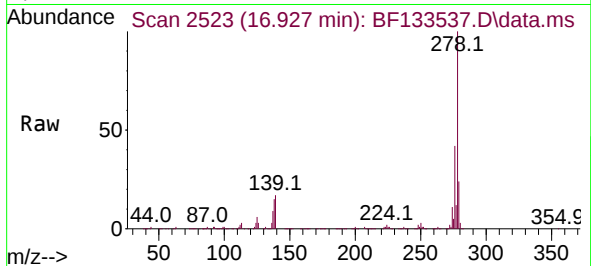
ClientSampleId :

PB153095BS

Tgt Ion:278 Resp: 745900
Ion Ratio Lower Upper
278 100
139 16.9 14.1 21.1
279 24.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#92
Benzo(g,h,i)perylene
Concen: 46.374 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF133537.D
Acq: 31 May 2023 13:29

Tgt Ion:276 Resp: 777473
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 22.7 17.8 26.6

