

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136163.D
 Acq On : 06 Nov 2023 19:29
 Operator : CG\JU
 Sample : 05257-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 23:31:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	84667	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	331240	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	166345	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	270586	20.000	ng	0.00
76) Chrysene-d12	14.009	240	171083	20.000	ng	0.00
86) Perylene-d12	15.498	264	163710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	646016	119.900	ng	0.01
7) Phenol-d6	6.463	99	794287	118.319	ng	0.00
23) Nitrobenzene-d5	7.386	82	496314	90.324	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	225168	126.817	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	942959	90.365	ng	0.00
79) Terphenyl-d14	12.951	244	829177	75.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	93427	39.821	ng	95
3) Pyridine	3.410	79	231170	36.098	ng	96
4) n-Nitrosodimethylamine	3.381	42	133658	49.919	ng	87
6) Aniline	6.486	93	284175	32.696	ng	99
8) 2-Chlorophenol	6.604	128	297626	51.668	ng	99
9) Benzaldehyde	6.369	77	60669	16.207	ng	97
10) Phenol	6.475	94	347216m	50.007	ng	
11) bis(2-Chloroethyl)ether	6.563	93	261829	48.168	ng	99
12) 1,3-Dichlorobenzene	6.763	146	309055	51.549	ng	96
13) 1,4-Dichlorobenzene	6.839	146	314092	52.276	ng	97
14) 1,2-Dichlorobenzene	6.992	146	295624	52.620	ng	97
15) Benzyl Alcohol	6.969	79	253448	53.246	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	349086	46.657	ng	98
17) 2-Methylphenol	7.075	107	226680	46.387	ng	94
18) Hexachloroethane	7.333	117	112225	53.142	ng	91
19) n-Nitroso-di-n-propyla...	7.239	70	192459	50.176	ng	96
20) 3+4-Methylphenols	7.233	107	282481	47.405	ng	92
22) Acetophenone	7.233	105	395495	53.845	ng	# 89
24) Nitrobenzene	7.404	77	295166	53.105	ng	94
25) Isophorone	7.645	82	533408	51.420	ng	99
26) 2-Nitrophenol	7.722	139	151493	59.740	ng	98
27) 2,4-Dimethylphenol	7.757	122	220824	46.082	ng	94
28) bis(2-Chloroethoxy)met...	7.857	93	316437	49.786	ng	98
29) 2,4-Dichlorophenol	7.963	162	242840	53.755	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	266269	54.031	ng	100
31) Naphthalene	8.128	128	829216	51.913	ng	99
32) Benzoic acid	7.886	122	187786m	48.820	ng	
33) 4-Chloroaniline	8.169	127	82587	11.806	ng	97
34) Hexachlorobutadiene	8.239	225	158662	56.140	ng	98
35) Caprolactam	8.557	113	79036m	53.806	ng	
36) 4-Chloro-3-methylphenol	8.657	107	261185	55.071	ng	97
37) 2-Methylnaphthalene	8.816	142	523137	48.845	ng	99
38) 1-Methylnaphthalene	8.916	142	512441	51.414	ng	98
40) 1,2,4,5-Tetrachloroben...	8.980	216	260765	54.967	ng	99
41) Hexachlorocyclopentadiene	8.969	237	199732	78.806	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	172249	55.687	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136163.D
 Acq On : 06 Nov 2023 19:29
 Operator : CG\JU
 Sample : 05257-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

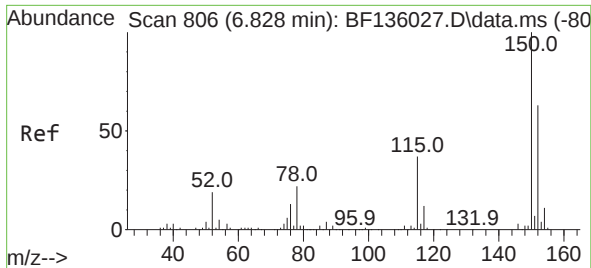
Quant Time: Nov 06 23:31:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023

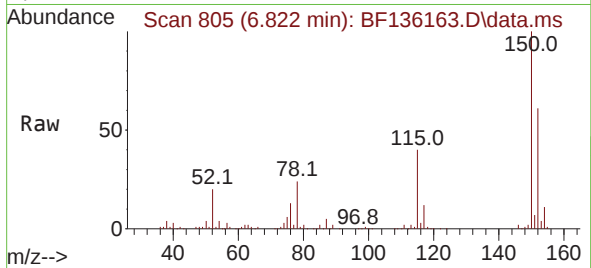
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	179316	50.045	ng	98
46) 1,1'-Biphenyl	9.286	154	683507	53.901	ng	98
47) 2-Chloronaphthalene	9.310	162	511533	54.720	ng	99
48) 2-Nitroaniline	9.404	65	151764	54.856	ng	98
49) Acenaphthylene	9.722	152	815374	55.911	ng	100
50) Dimethylphthalate	9.592	163	601010	54.775	ng	100
51) 2,6-Dinitrotoluene	9.651	165	132953	56.654	ng	98
52) Acenaphthene	9.898	154	477235m	51.477	ng	
53) 3-Nitroaniline	9.816	138	86926	31.745	ng	90
54) 2,4-Dinitrophenol	9.922	184	97817	77.216	ng	# 83
55) Dibenzofuran	10.069	168	709096	52.454	ng	94
56) 4-Nitrophenol	9.980	139	207272	101.195	ng	# 75
57) 2,4-Dinitrotoluene	10.057	165	169458	57.072	ng	95
58) Fluorene	10.416	166	538988	53.252	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	148158	52.010	ng	97
60) Diethylphthalate	10.292	149	581721	55.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	267440	52.934	ng	98
62) 4-Nitroaniline	10.433	138	117034	44.386	ng	90
63) Azobenzene	10.569	77	516918	51.198	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	65600	44.590	ng	96
66) n-Nitrosodiphenylamine	10.527	169	482464	59.107	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	163941	57.789	ng	# 92
68) Hexachlorobenzene	10.963	284	180071	59.432	ng	98
69) Atrazine	11.063	200	161517	72.727	ng	98
70) Pentachlorophenol	11.157	266	191247	98.285	ng	99
71) Phenanthrene	11.380	178	764659	56.126	ng	99
72) Anthracene	11.433	178	744240	53.310	ng	99
73) Carbazole	11.586	167	618161	50.955	ng	99
74) Di-n-butylphthalate	11.927	149	797035	57.497	ng	99
75) Fluoranthene	12.574	202	744637	53.203	ng	96
77) Benzidine	12.698	184	290371	87.080	ng	100
78) Pyrene	12.804	202	750244	49.739	ng	99
80) Butylbenzylphthalate	13.433	149	273552	50.665	ng	98
81) Benzo(a)anthracene	13.998	228	634241	55.998	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	181551	50.222	ng	# 97
83) Chrysene	14.039	228	610200	54.705	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	345743	54.964	ng	# 96
85) Di-n-octyl phthalate	14.621	149	614219	65.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	442094	41.319	ng	95
88) Benzo(b)fluoranthene	15.062	252	639012	65.966	ng	99
89) Benzo(k)fluoranthene	15.098	252	511001m	53.314	ng	
90) Benzo(a)pyrene	15.439	252	484824	53.865	ng	# 98
91) Dibenzo(a,h)anthracene	17.039	278	365302	41.681	ng	# 96
92) Benzo(g,h,i)perylene	17.474	276	335081	34.451	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

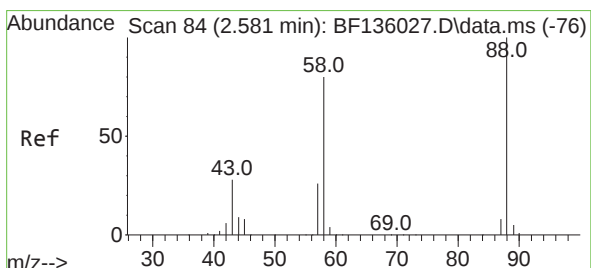
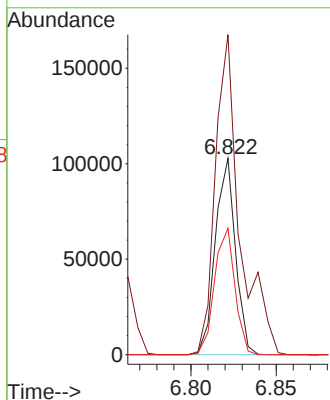
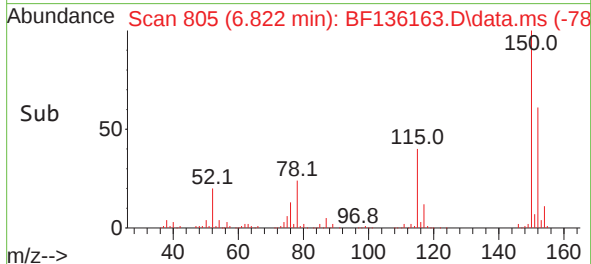
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:152 Resp: 8466
Ion Ratio Lower Upper
152 100
150 163.1 126.4 189.6
115 64.4 47.0 70.4

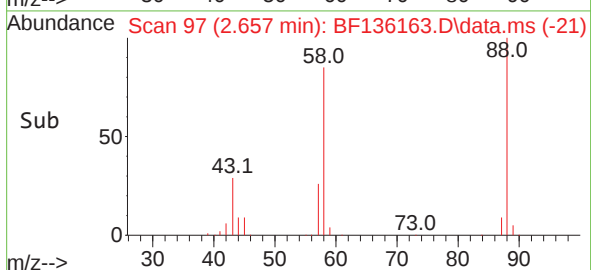
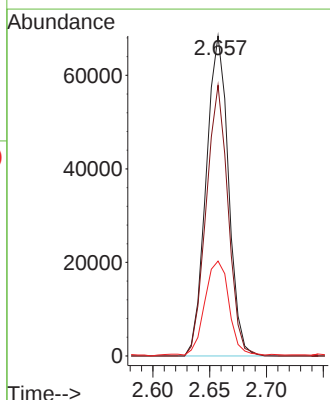
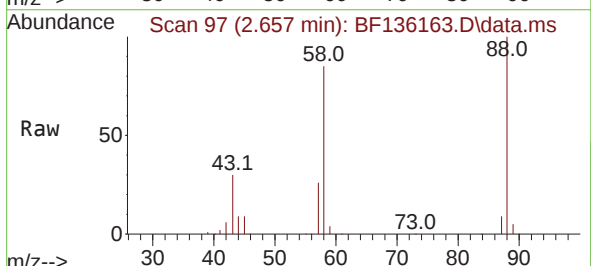
Manual Integrations
APPROVED

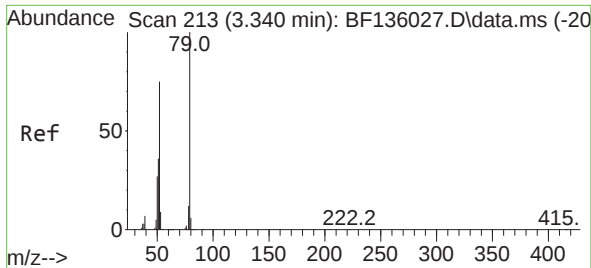
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#2
1,4-Dioxane
Concen: 39.821 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.094 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

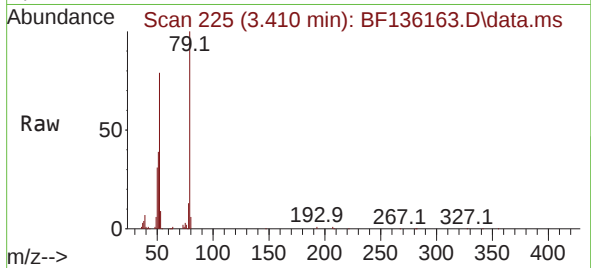
Tgt Ion: 88 Resp: 93427
Ion Ratio Lower Upper
88 100
58 82.9 64.3 96.5
43 32.9 22.3 33.5





#3
Pyridine
Concen: 36.098 ng
RT: 3.410 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

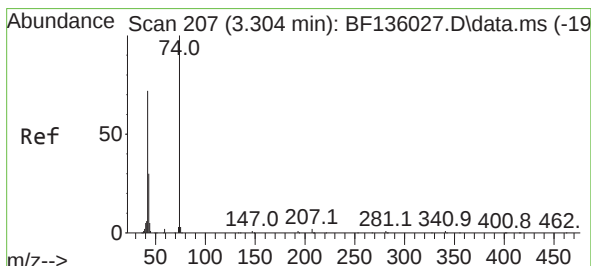
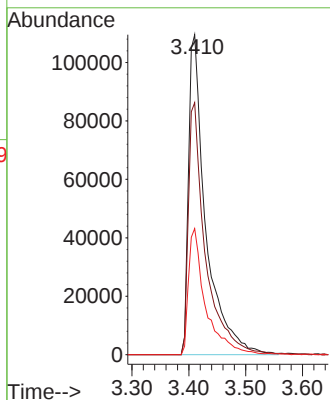
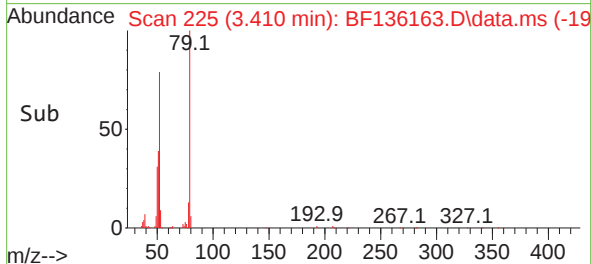
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



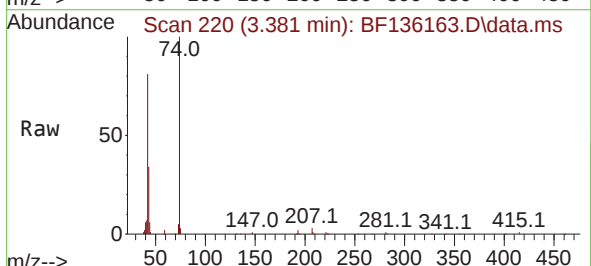
Tgt Ion: 79 Resp: 231170
Ion Ratio Lower Upper
79 100
52 78.7 60.3 90.5
51 39.4 29.3 43.9

Manual Integrations
APPROVED

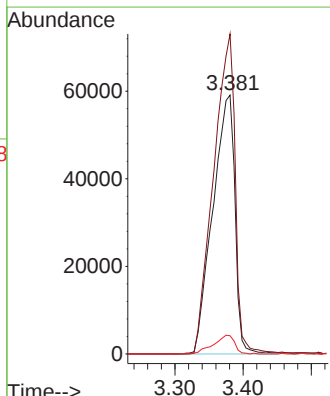
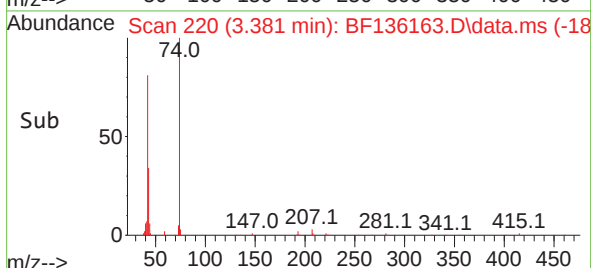
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

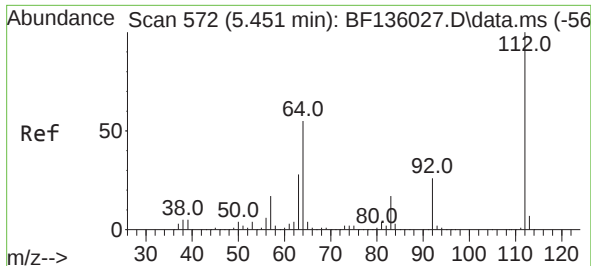


#4
n-Nitrosodimethylamine
Concen: 49.919 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.088 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion: 42 Resp: 133658
Ion Ratio Lower Upper
42 100
74 123.6 111.8 167.6
44 7.1 6.2 9.4





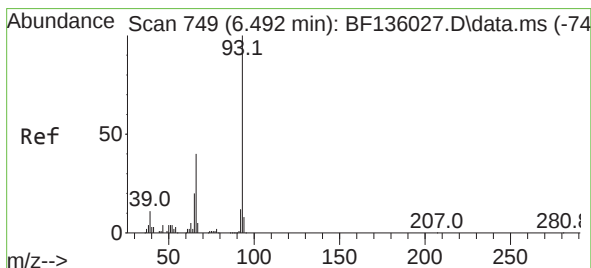
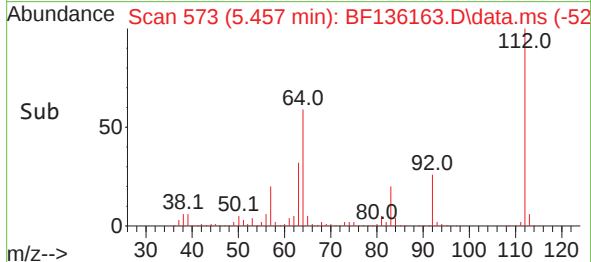
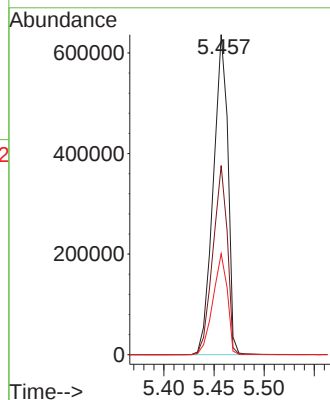
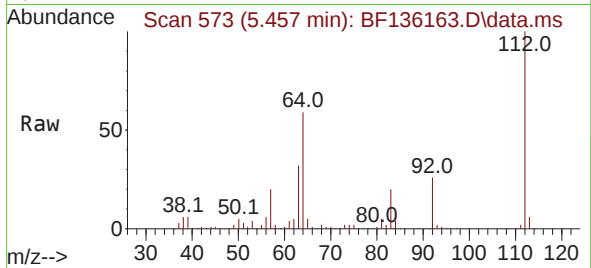
#5
2-Fluorophenol
Concen: 119.900 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:112 Resp: 646010
Ion Ratio Lower Upper
112 100
64 59.1 43.9 65.9
63 31.6 22.4 33.6

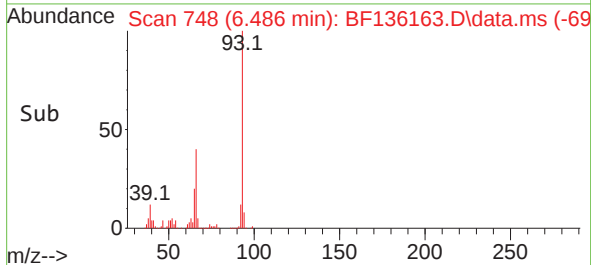
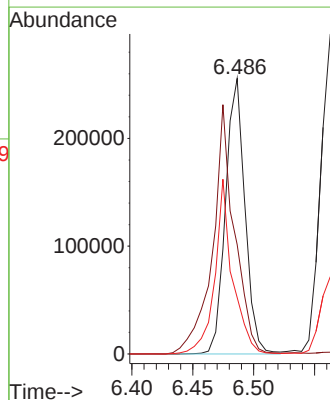
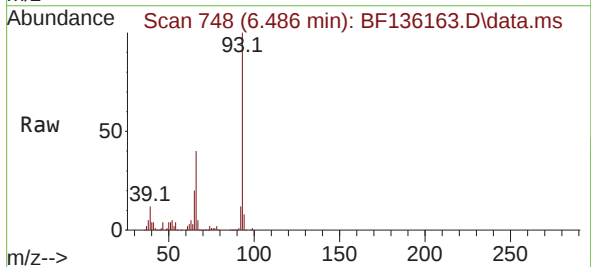
Manual Integrations
APPROVED

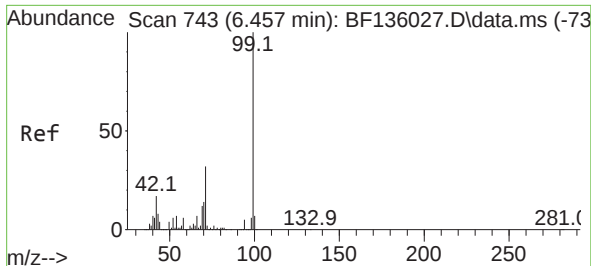
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#6
Aniline
Concen: 32.696 ng
RT: 6.486 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Tgt Ion: 93 Resp: 284175
Ion Ratio Lower Upper
93 100
66 39.7 32.4 48.6
65 20.5 16.2 24.2





#7

Phenol-d6

Concen: 118.319 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136163.D

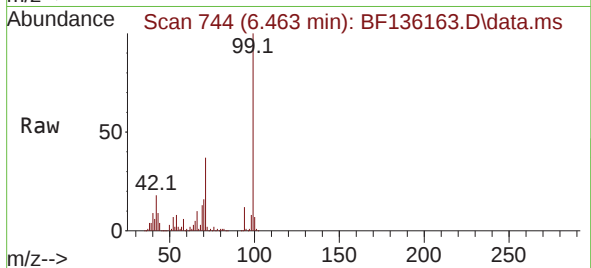
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD



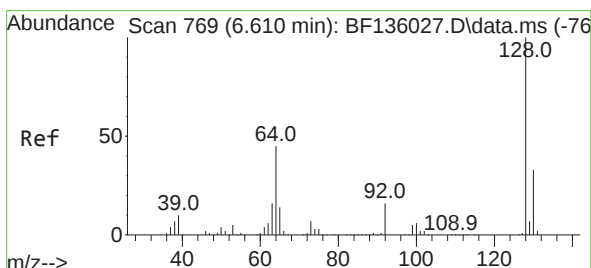
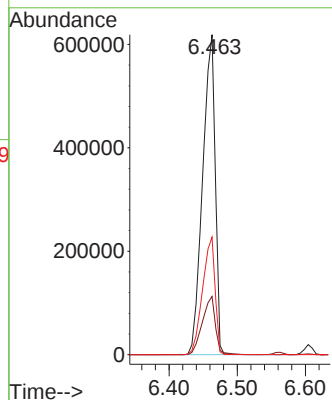
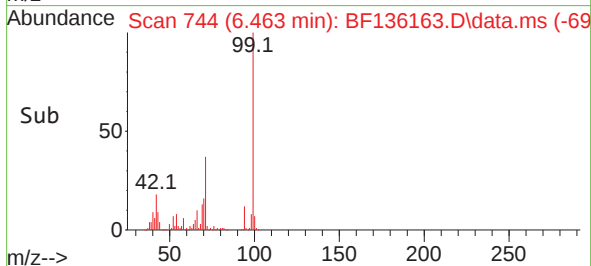
Tgt Ion:	99	Resp:	79428
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.7	20.5
71	36.8	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#8

2-Chlorophenol

Concen: 51.668 ng

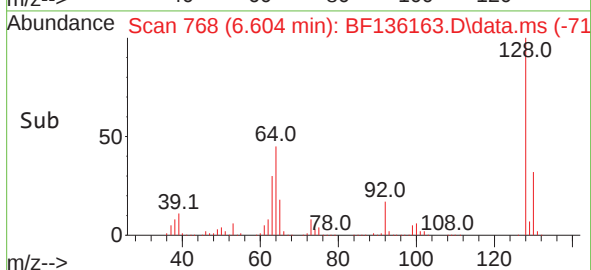
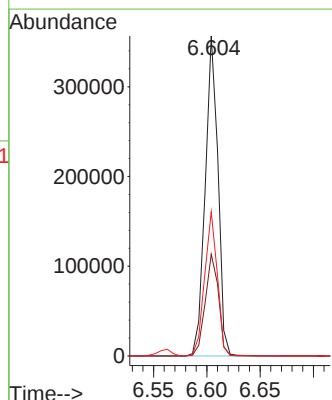
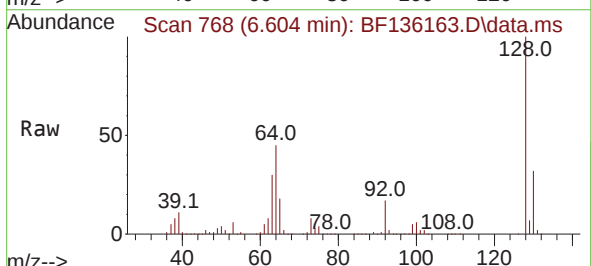
RT: 6.604 min Scan# 768

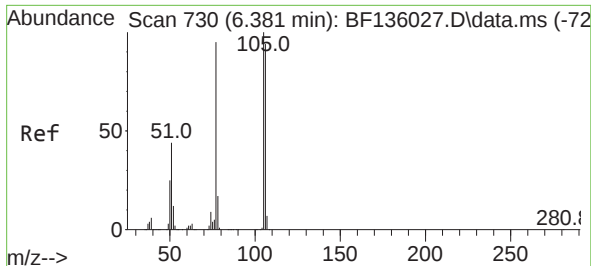
Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:	128	Resp:	297626
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.8	52.8
64	45.0	25.8	65.8





#9

Benzaldehyde

Concen: 16.207 ng

RT: 6.369 min Scan# 728

Delta R.T. -0.006 min

Lab File: BF136163.D

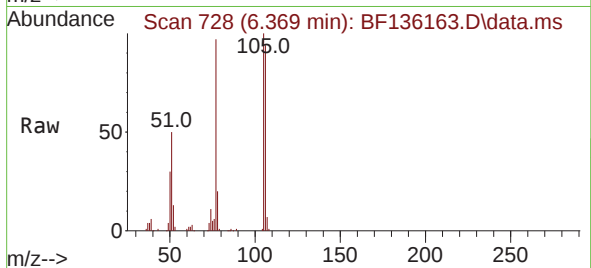
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD



Tgt Ion: 77 Resp: 60669

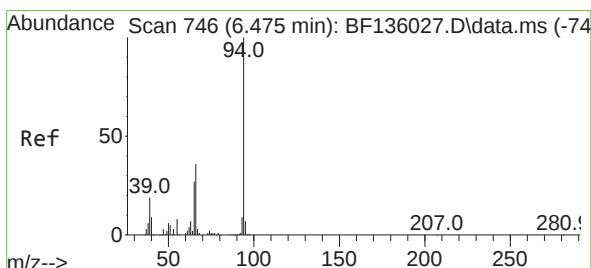
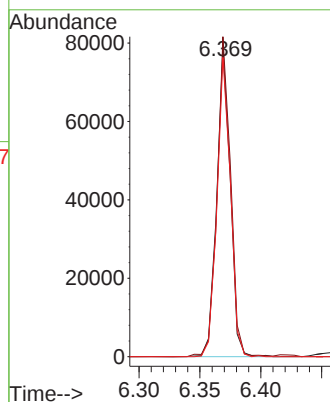
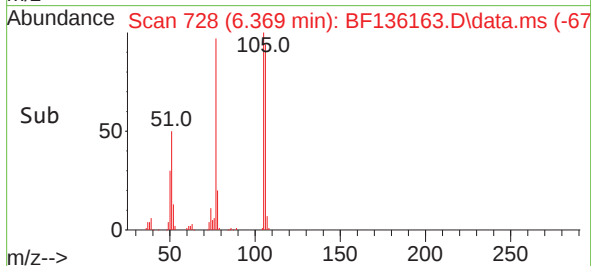
Ion	Ratio	Lower	Upper
77	100		
105	103.1	85.7	125.7
106	96.5	79.8	119.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#10

Phenol

Concen: 50.007 ng m

RT: 6.475 min Scan# 746

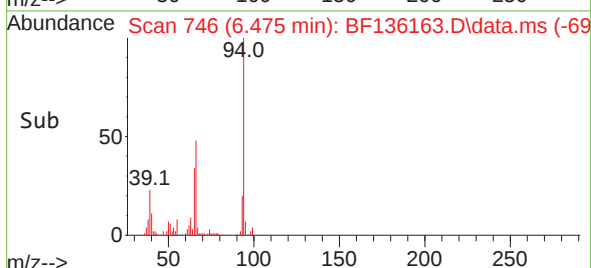
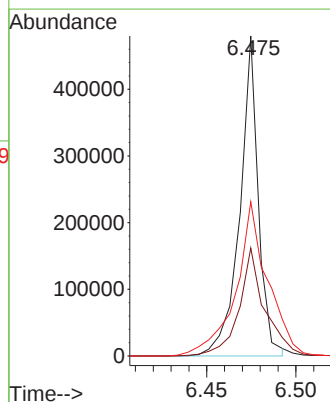
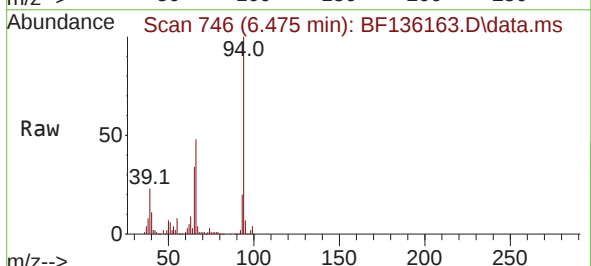
Delta R.T. 0.006 min

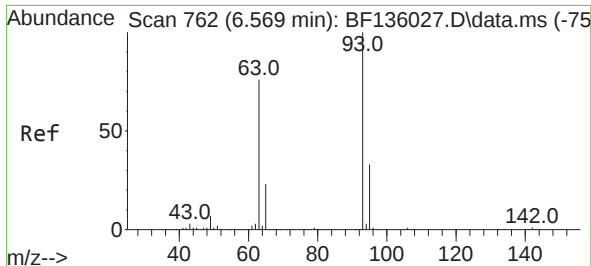
Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion: 94 Resp: 347216

Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.5	47.5
66	48.2	17.1	57.1





#11

bis(2-Chloroethyl)ether

Concen: 48.168 ng

RT: 6.563 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion: 93 Resp: 261829

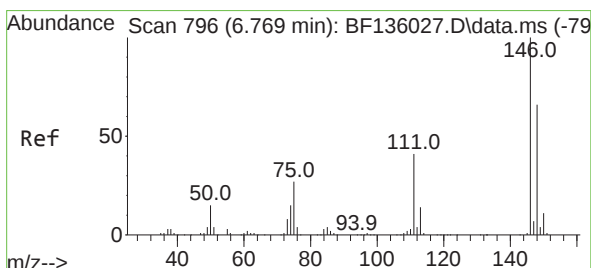
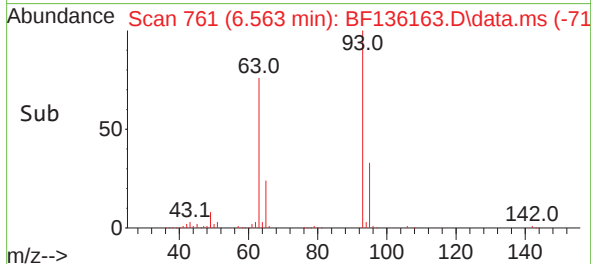
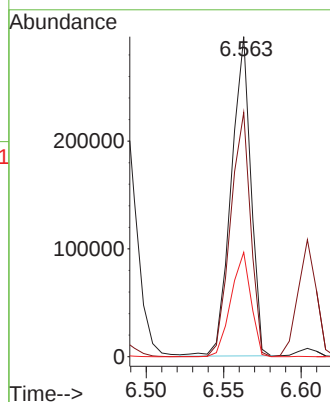
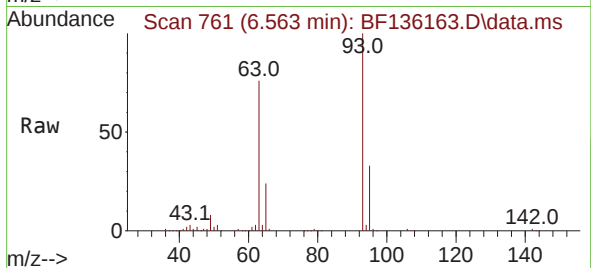
Ion	Ratio	Lower	Upper
93	100		
63	76.3	55.8	95.8
95	32.6	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#12

1,3-Dichlorobenzene

Concen: 51.549 ng

RT: 6.763 min Scan# 795

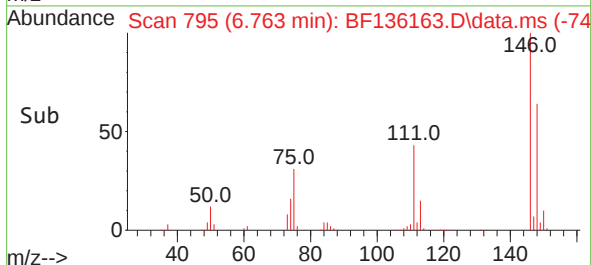
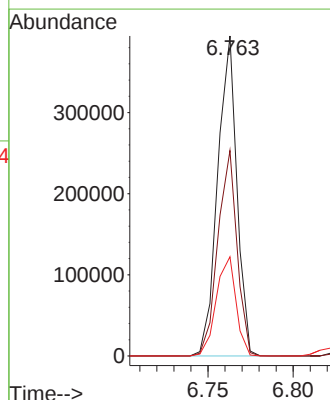
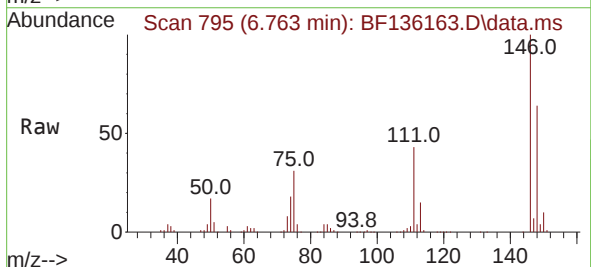
Delta R.T. 0.000 min

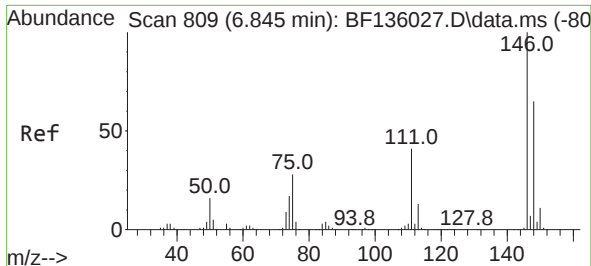
Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:146 Resp: 309055

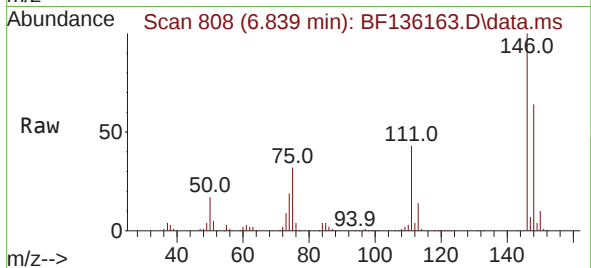
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
75	31.0	21.6	32.4





#13
1,4-Dichlorobenzene
Concen: 52.276 ng
RT: 6.839 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

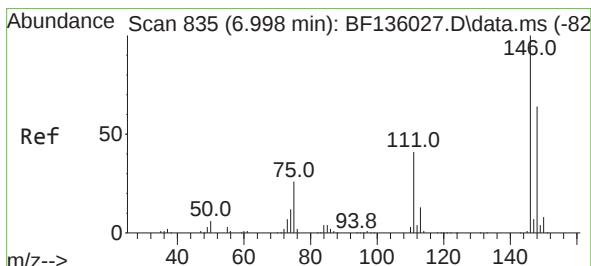
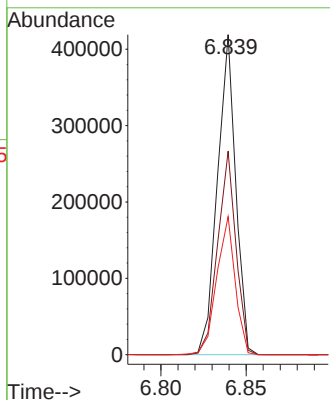
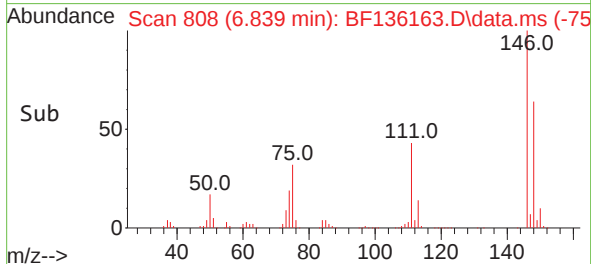
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



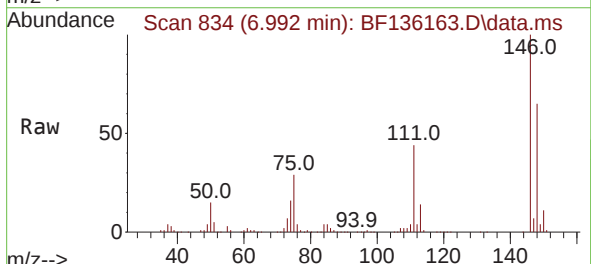
Tgt Ion:146 Resp: 314092
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
111 43.2 32.6 48.8

Manual Integrations
APPROVED

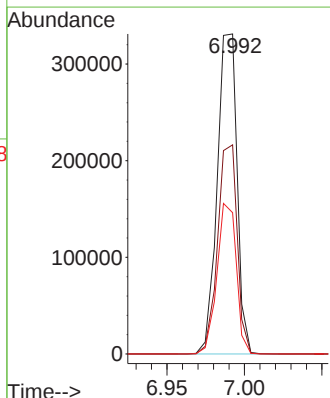
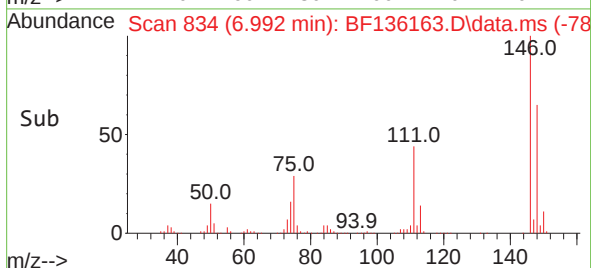
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

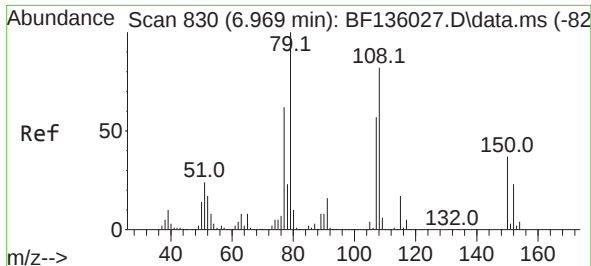


#14
1,2-Dichlorobenzene
Concen: 52.620 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



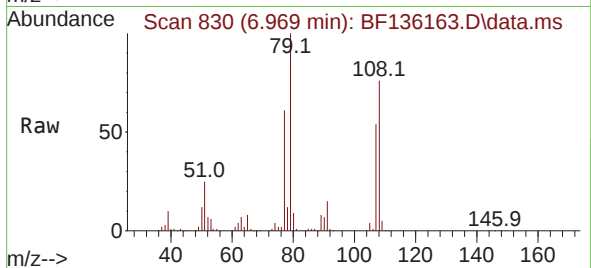
Tgt Ion:146 Resp: 295624
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
111 44.2 33.0 49.4





#15
Benzyl Alcohol
Concen: 53.246 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

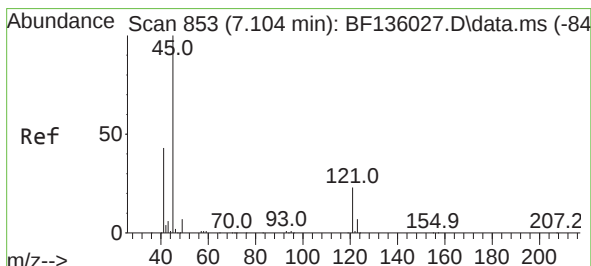
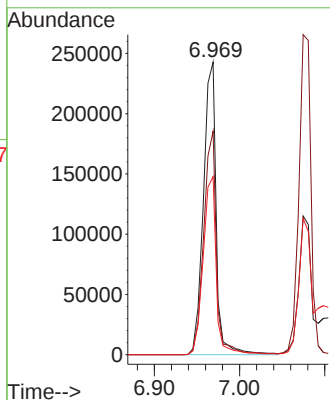
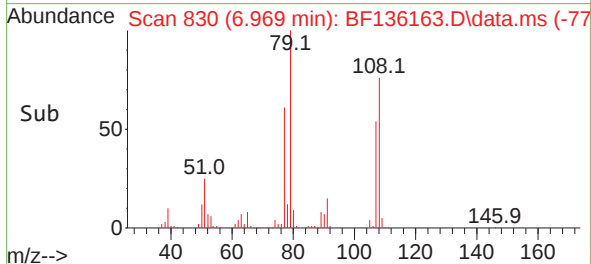
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion: 79 Resp: 25344
Ion Ratio Lower Upper
79 100
108 76.4 65.9 98.9
77 60.9 49.4 74.2

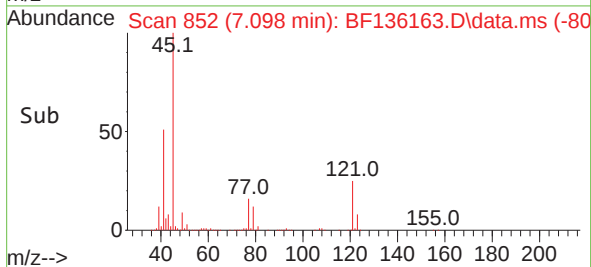
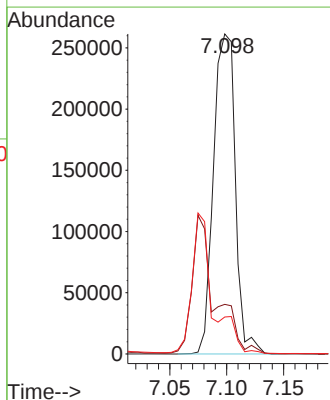
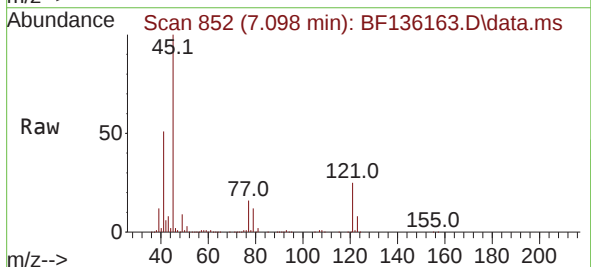
Manual Integrations
APPROVED

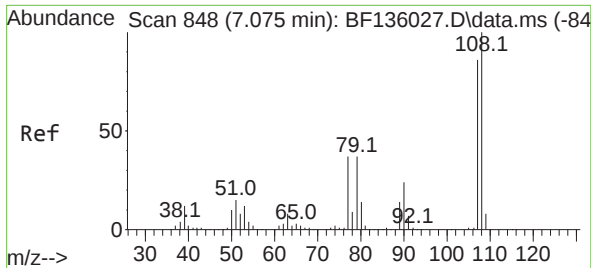
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.657 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

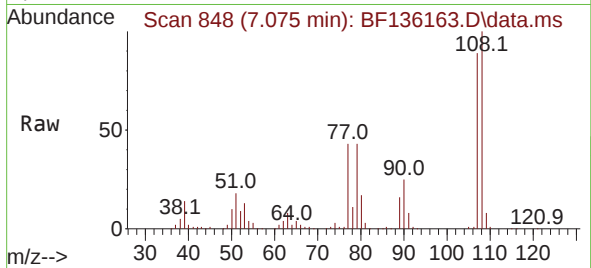
Tgt Ion: 45 Resp: 349086
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.6
79 11.5 0.0 30.6





#17
2-Methylphenol
Concen: 46.387 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

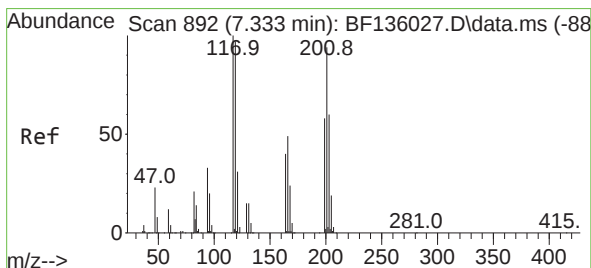
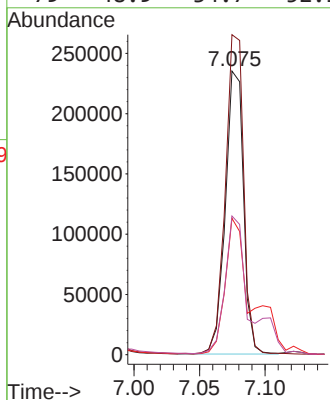
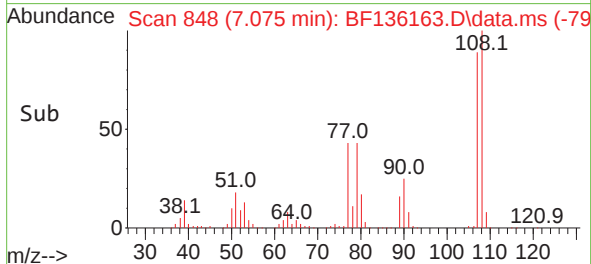
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:107 Resp: 226680
Ion Ratio Lower Upper
107 100
108 112.8 93.4 140.2
77 48.1 34.4 51.6
79 48.9 34.7 52.1

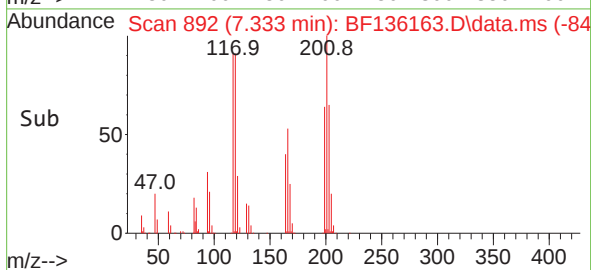
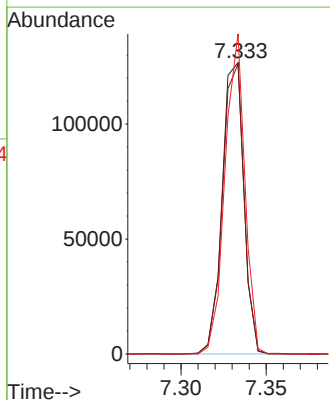
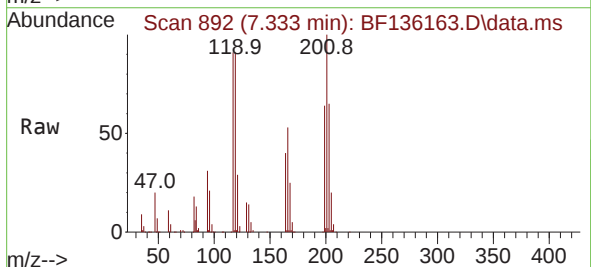
Manual Integrations
APPROVED

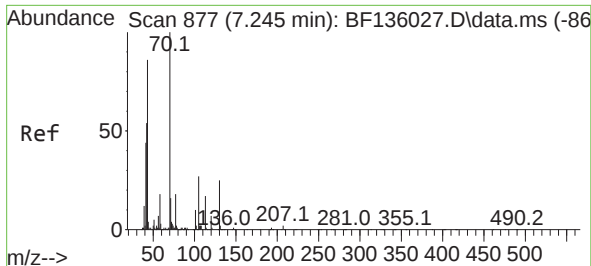
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#18
Hexachloroethane
Concen: 53.142 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

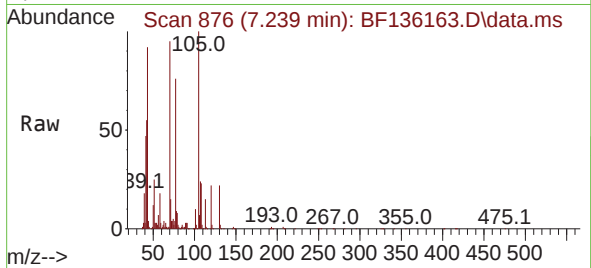
Tgt Ion:117 Resp: 112225
Ion Ratio Lower Upper
117 100
119 99.6 77.7 116.5
201 109.8 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.176 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

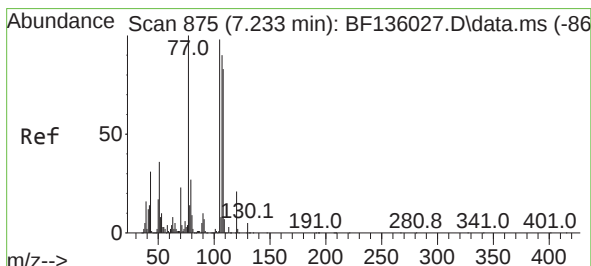
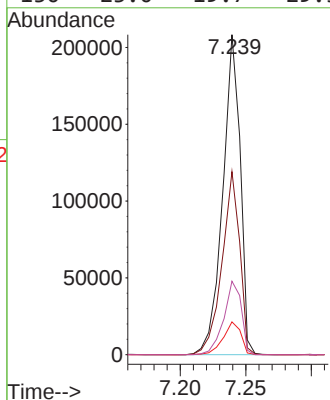
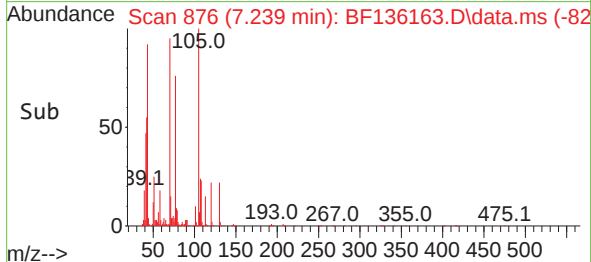
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



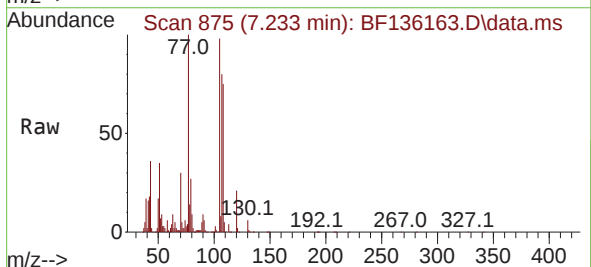
Tgt Ion: 70 Resp: 192459
Ion Ratio Lower Upper
70 100
42 57.2 43.0 64.4
101 10.2 8.0 12.0
130 23.0 19.7 29.5

Manual Integrations
APPROVED

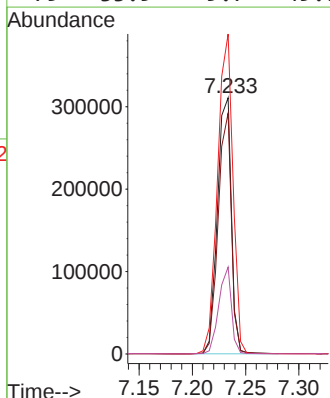
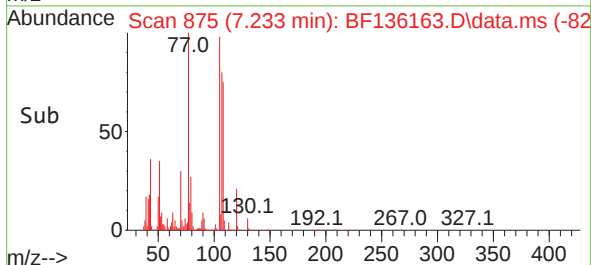
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

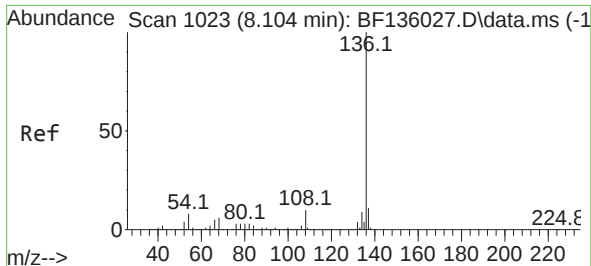


#20
3+4-Methylphenols
Concen: 47.405 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:107 Resp: 282481
Ion Ratio Lower Upper
107 100
108 94.0 72.3 112.3
77 125.0 91.4 131.4
79 33.9 9.7 49.7





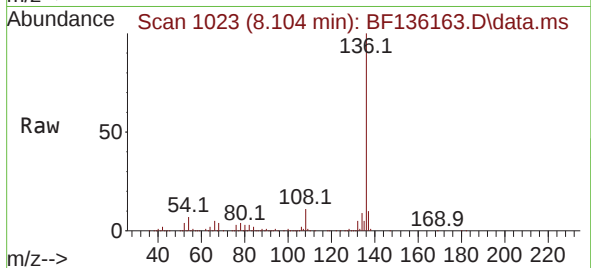
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

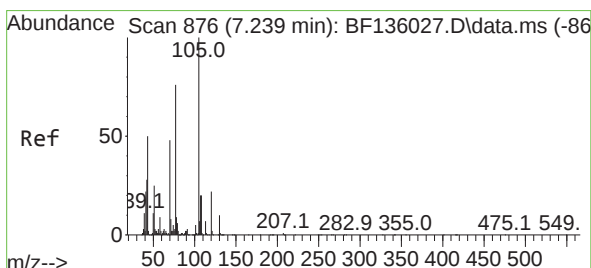
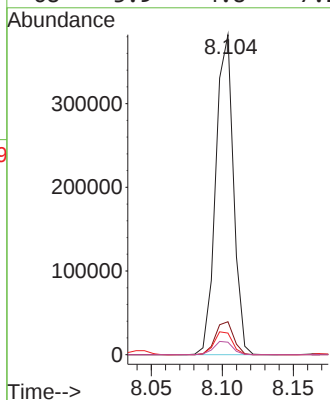
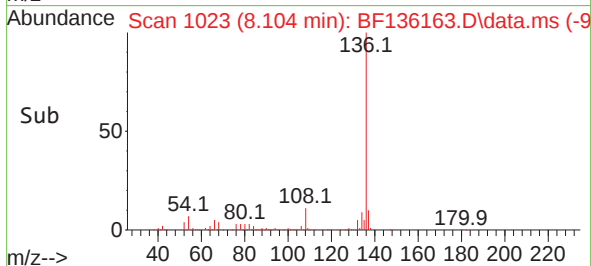


Tgt Ion:136 Resp: 331240
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 6.7 6.6 9.8
68 3.9 4.8 7.2#

Manual Integrations

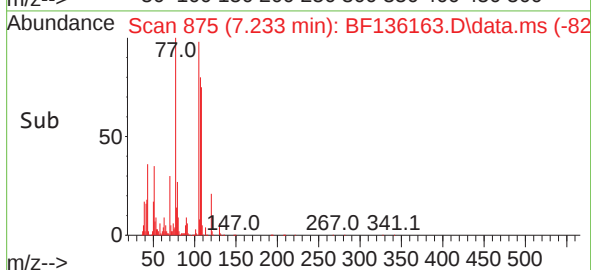
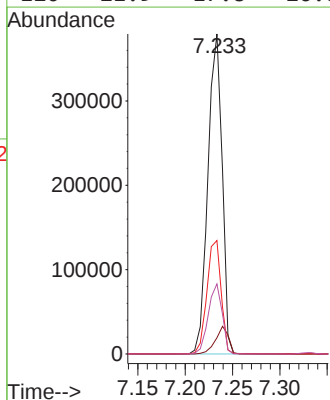
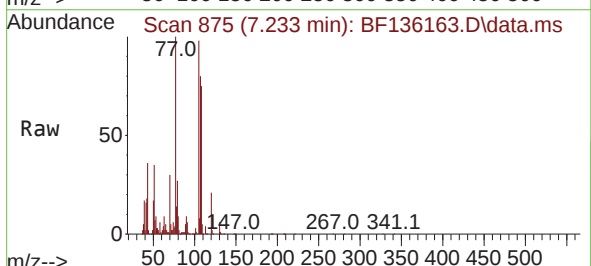
APPROVED

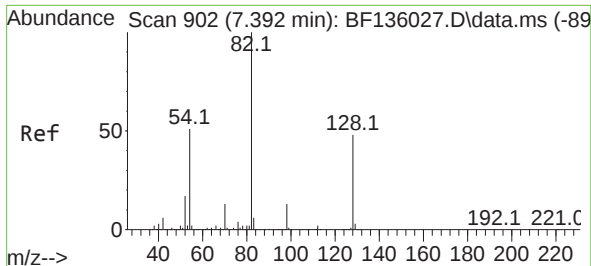
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#22
Acetophenone
Concen: 53.845 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Tgt Ion:105 Resp: 395495
Ion Ratio Lower Upper
105 100
71 5.1 6.5 9.7#
51 35.5 20.3 30.5#
120 21.9 17.8 26.8





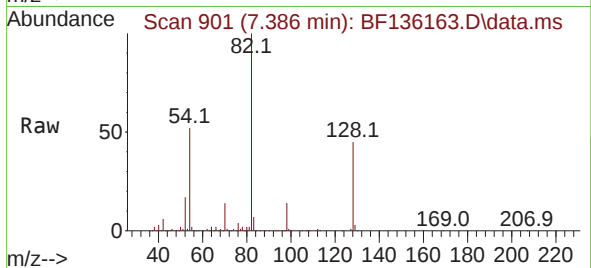
#23
Nitrobenzene-d5
Concen: 90.324 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

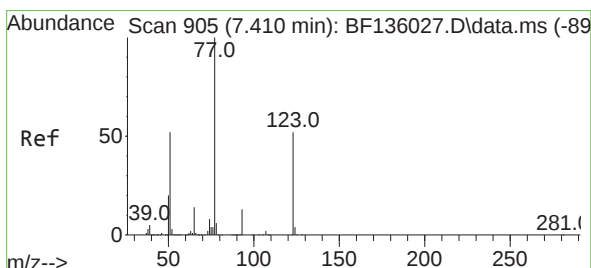
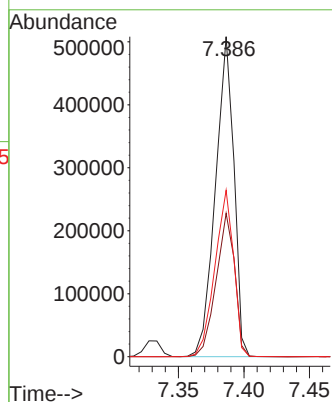
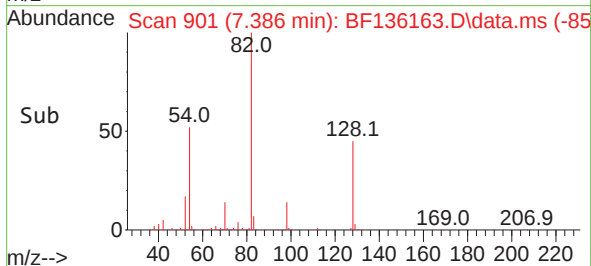


Tgt Ion: 82 Resp: 496314
Ion Ratio Lower Upper
82 100
128 44.8 38.6 57.8
54 52.0 40.8 61.2

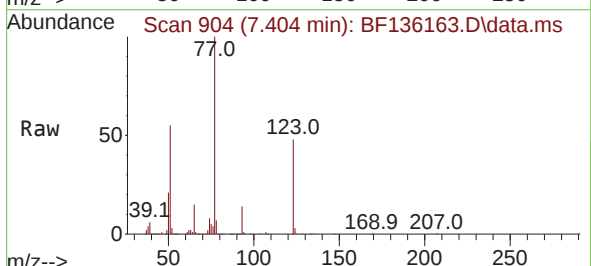
Manual Integrations

APPROVED

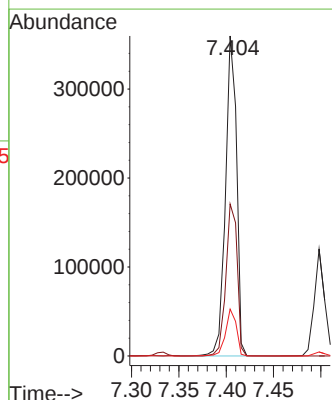
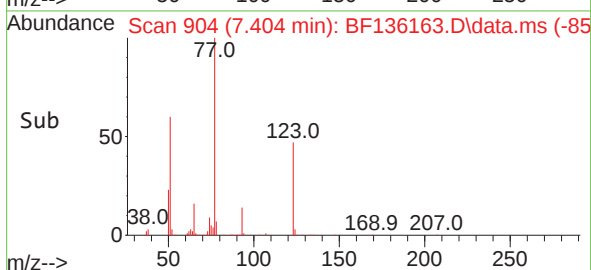
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

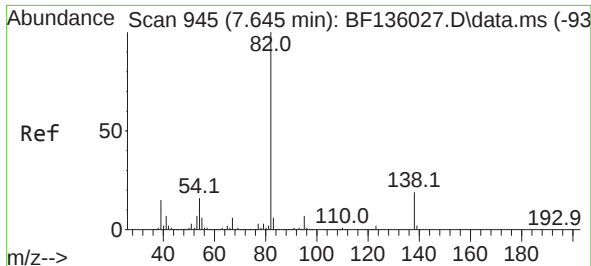


#24
Nitrobenzene
Concen: 53.105 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



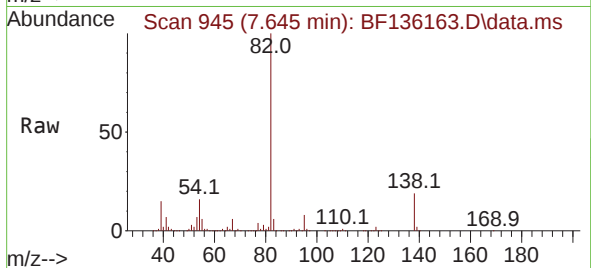
Tgt Ion: 77 Resp: 295166
Ion Ratio Lower Upper
77 100
123 47.5 42.3 63.5
65 14.7 11.0 16.6





#25
Isophorone
Concen: 51.420 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

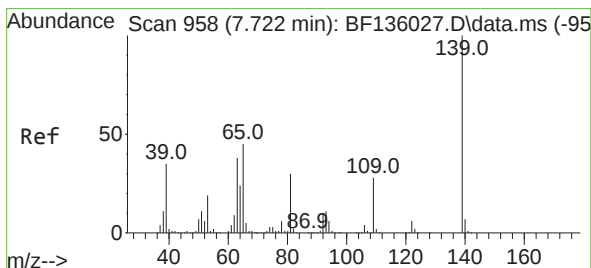
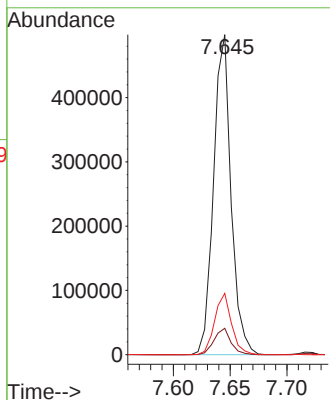
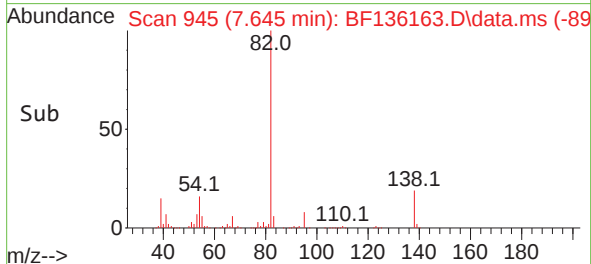
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



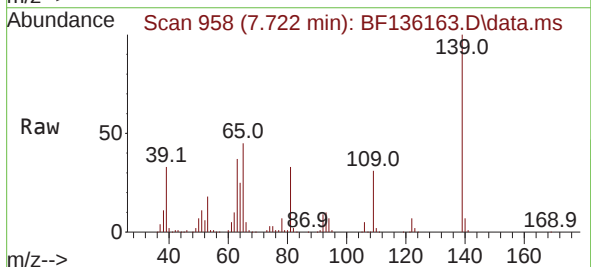
Tgt Ion: 82 Resp: 533408
Ion Ratio Lower Upper
82 100
95 8.2 5.9 8.9
138 19.1 15.3 22.9

Manual Integrations
APPROVED

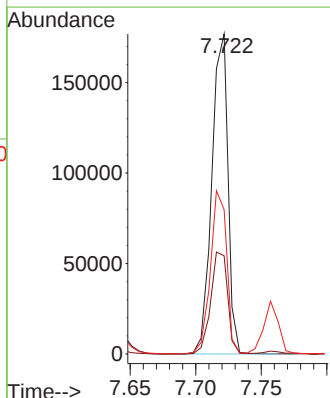
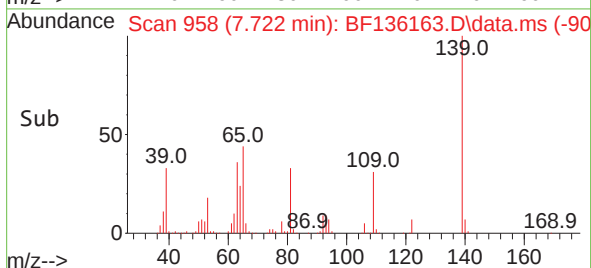
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

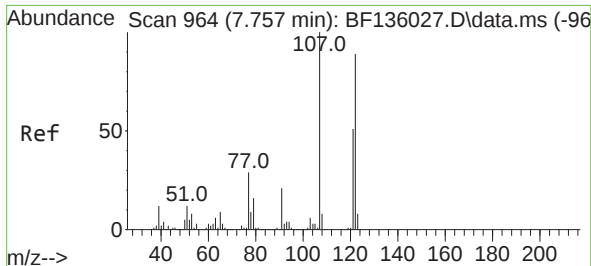


#26
2-Nitrophenol
Concen: 59.740 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:139 Resp: 151493
Ion Ratio Lower Upper
139 100
109 30.7 22.6 34.0
65 45.1 36.3 54.5





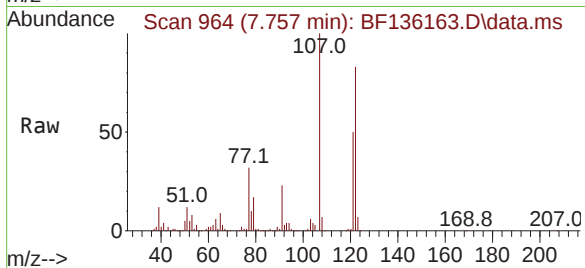
#27
2,4-Dimethylphenol
Concen: 46.082 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

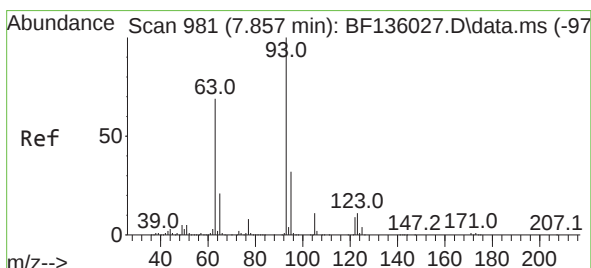
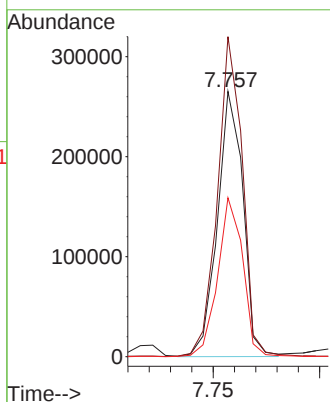
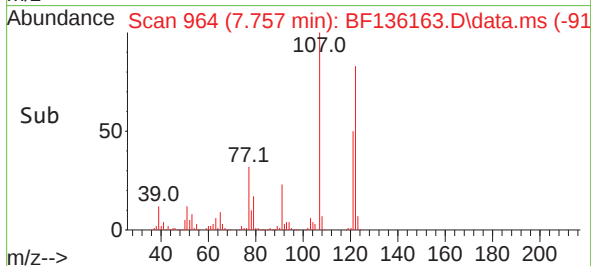


Tgt Ion:122 Resp: 220824
Ion Ratio Lower Upper
122 100
107 120.7 89.6 134.4
121 59.9 46.0 69.0

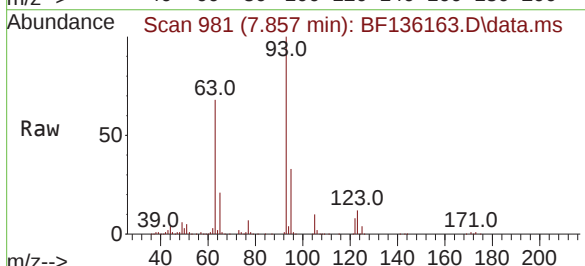
Manual Integrations

APPROVED

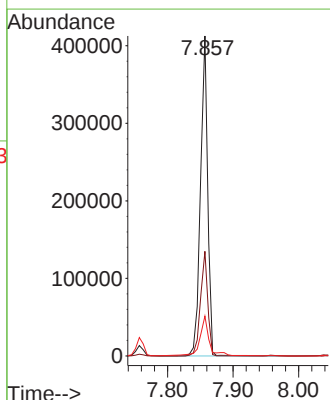
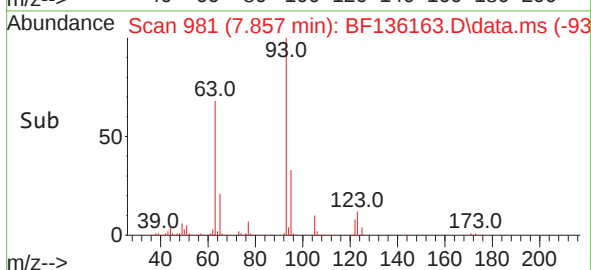
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

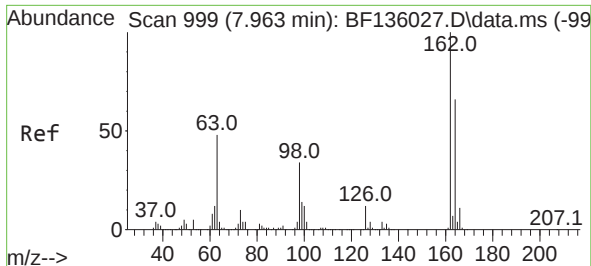


#28
bis(2-Chloroethoxy)methane
Concen: 49.786 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion: 93 Resp: 316437
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.755 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

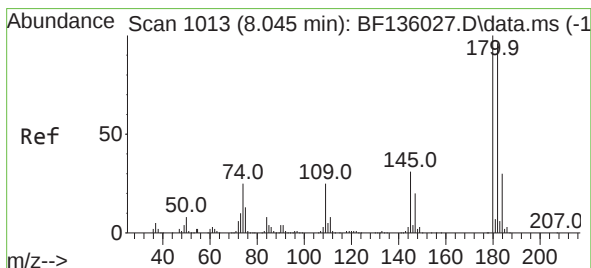
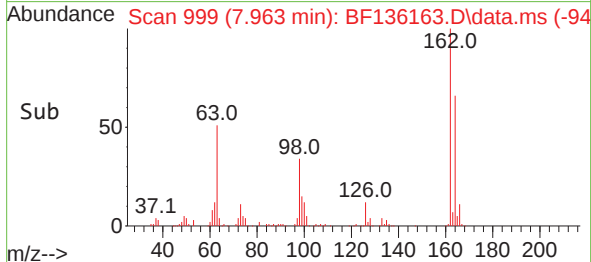
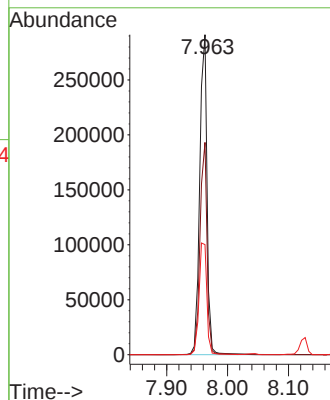
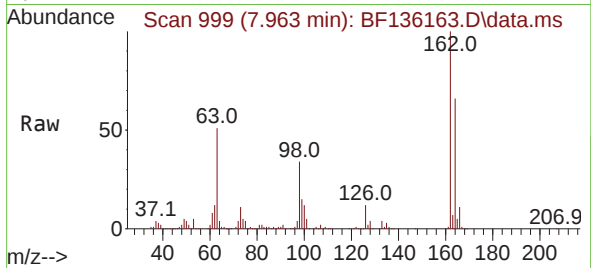
Tgt Ion:	162	Resp:	242840
Ion Ratio	Lower	Upper	
162	100		
164	66.3	45.5	85.5
98	34.4	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 54.031 ng

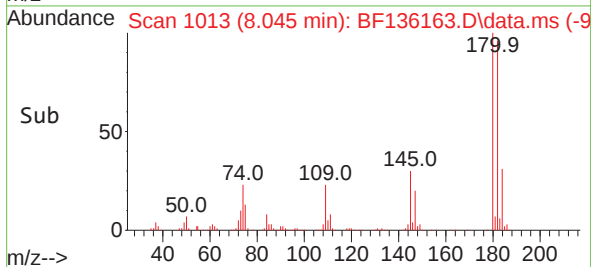
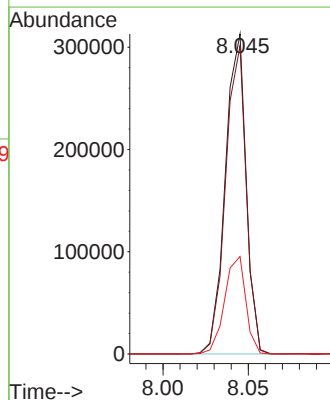
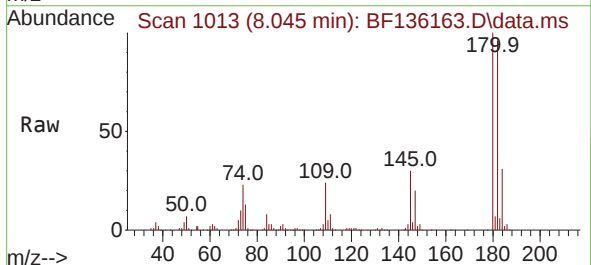
RT: 8.045 min Scan# 1013

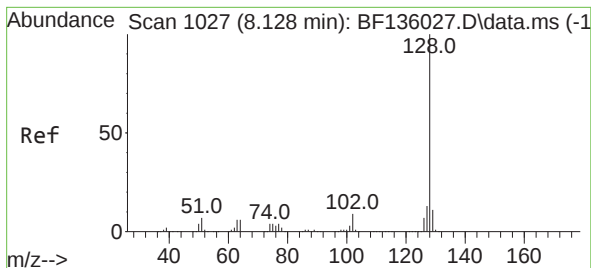
Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:	180	Resp:	266269
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.9	115.3
145	30.4	24.7	37.1





#31

Naphthalene

Concen: 51.913 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

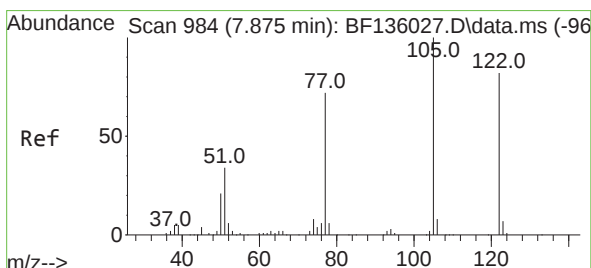
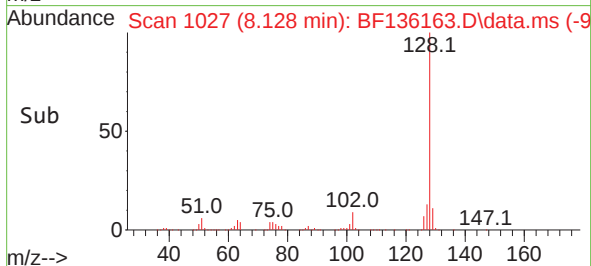
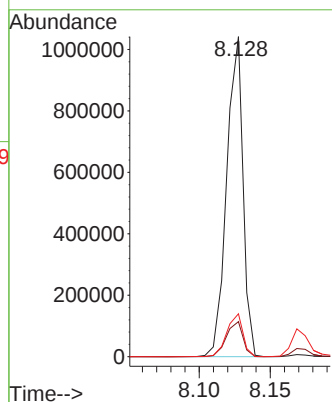
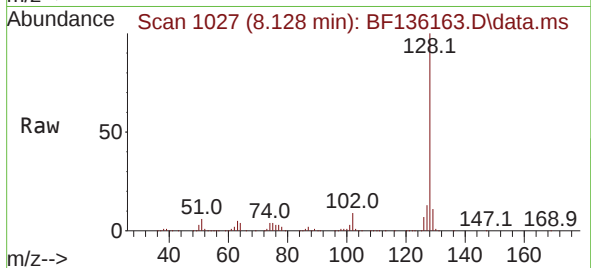
Tgt Ion:128 Resp: 829210
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#32

Benzoic acid

Concen: 48.820 ng m

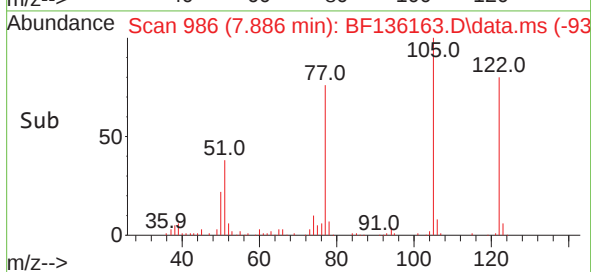
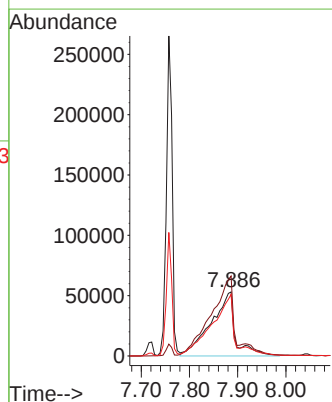
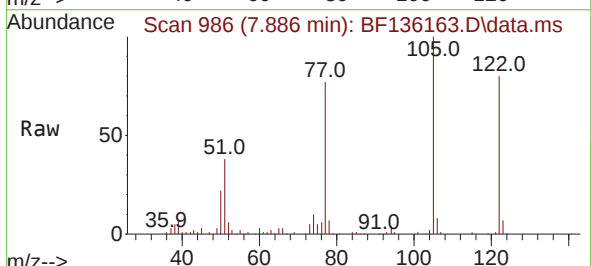
RT: 7.886 min Scan# 986

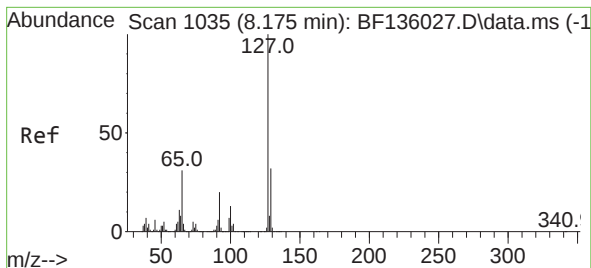
Delta R.T. 0.018 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

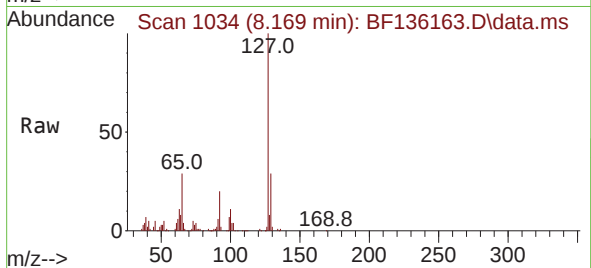
Tgt Ion:122 Resp: 187786
 Ion Ratio Lower Upper
 122 100
 105 124.9 99.5 139.5
 77 96.2 66.8 106.8





#33
4-Chloroaniline
Concen: 11.806 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

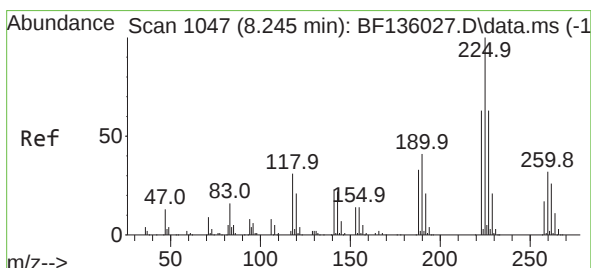
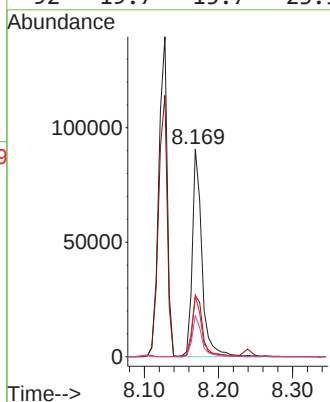
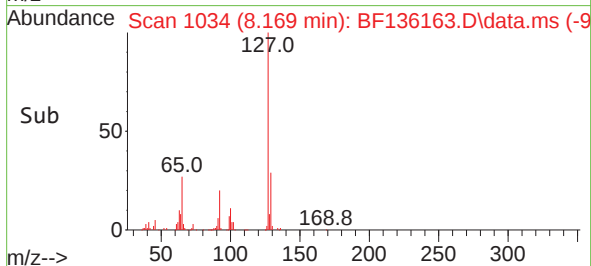
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:	127	Resp:	8258
Ion Ratio	Lower	Upper	
127	100		
129	29.4	25.9	38.9
65	29.5	24.6	37.0
92	19.7	15.7	23.5

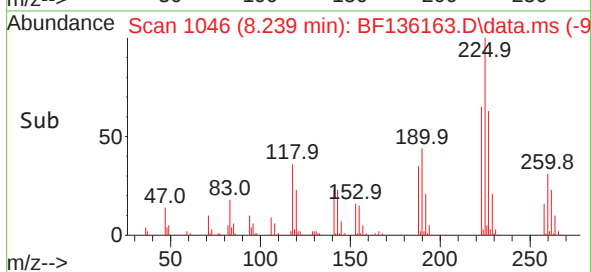
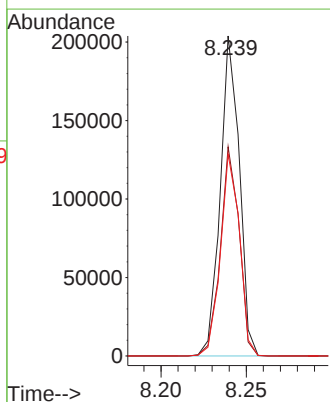
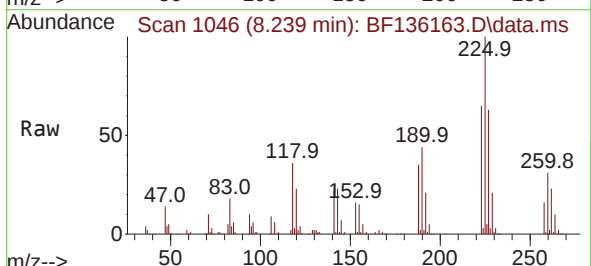
Manual Integrations
APPROVED

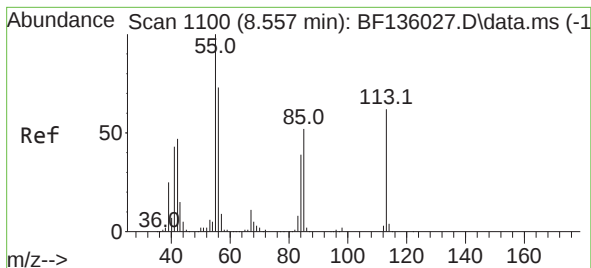
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#34
Hexachlorobutadiene
Concen: 56.140 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Tgt Ion:	225	Resp:	158662
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.3	75.5
227	63.1	50.6	75.8





#35

Caprolactam

Concen: 53.806 ng m

RT: 8.557 min Scan# 1100

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

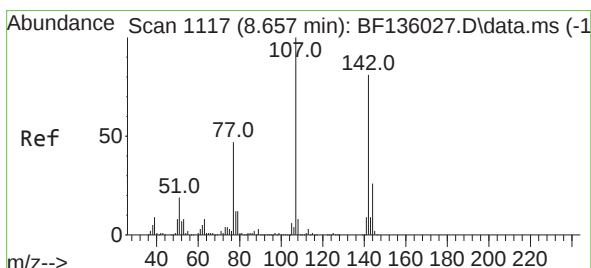
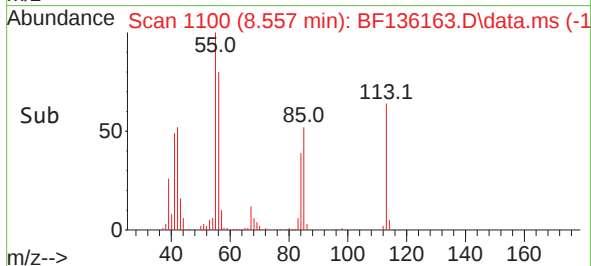
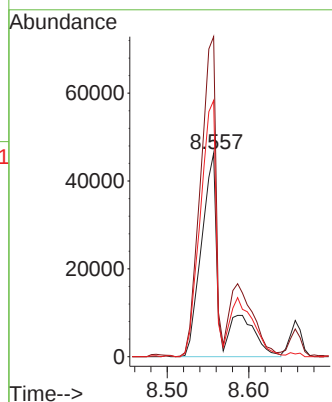
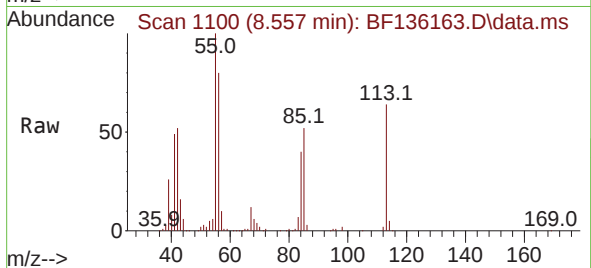
Tgt Ion:	113	Resp:	7903
Ion Ratio	Lower	Upper	
113	100		
55	157.4	142.2	182.2
56	126.0	97.7	137.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#36

4-Chloro-3-methylphenol

Concen: 55.071 ng

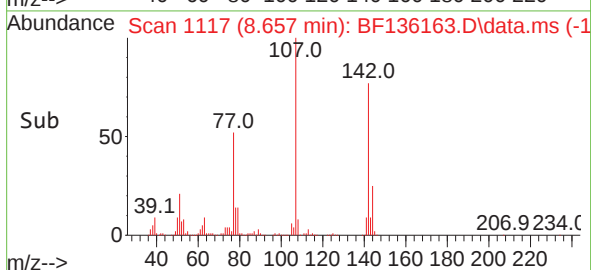
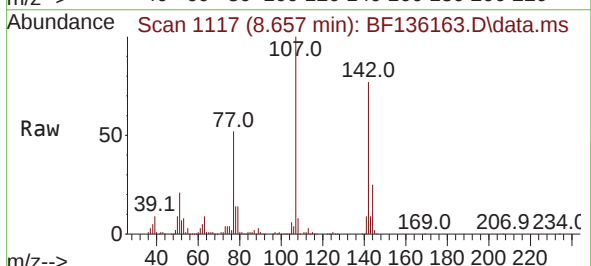
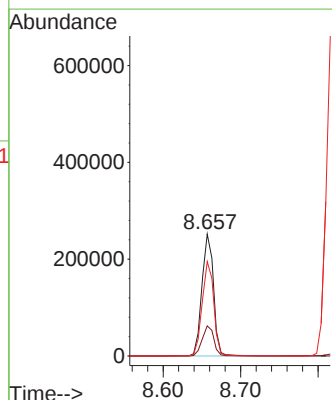
RT: 8.657 min Scan# 1117

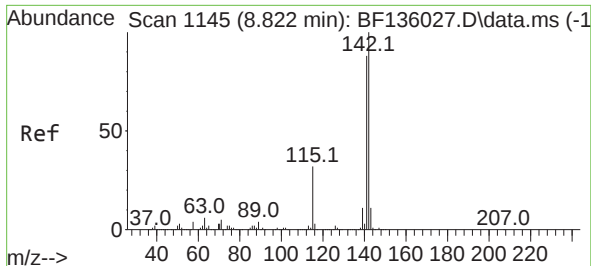
Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:	107	Resp:	261185
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.6	31.0
142	77.5	64.6	97.0





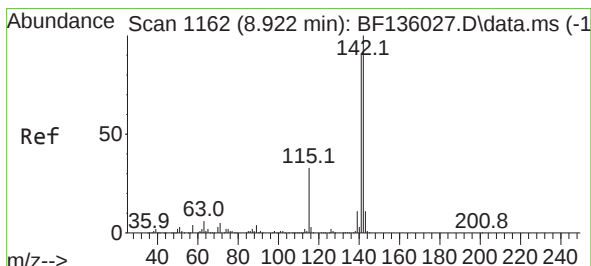
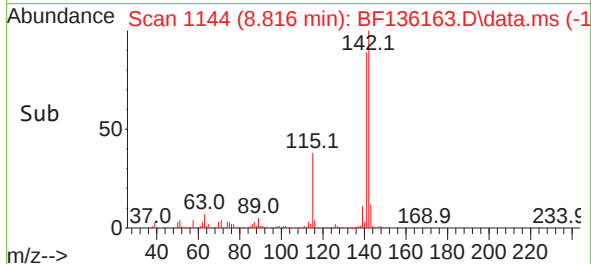
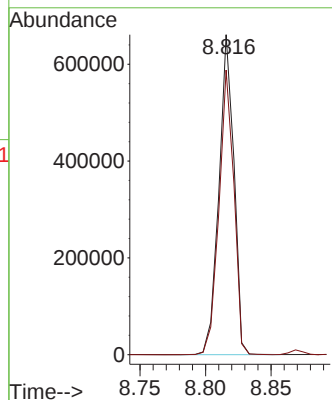
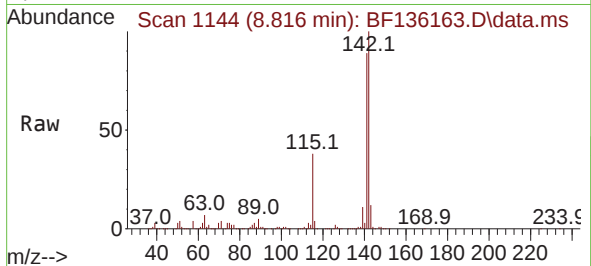
#37
2-Methylnaphthalene
Concen: 48.845 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:142 Resp: 52313
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6

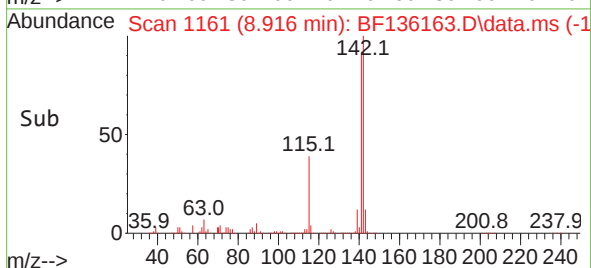
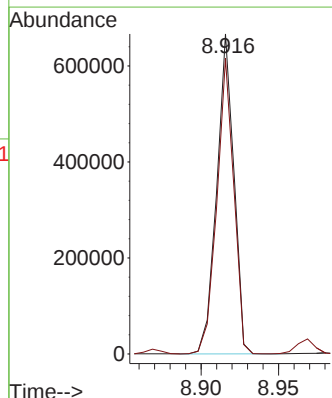
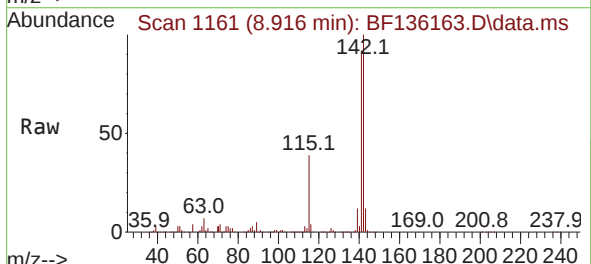
Manual Integrations
APPROVED

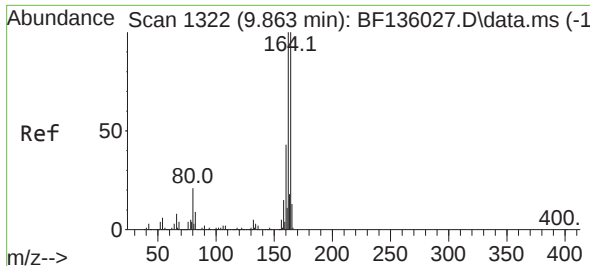
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#38
1-Methylnaphthalene
Concen: 51.414 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

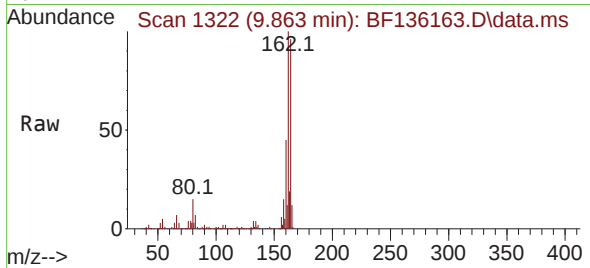
Tgt Ion:142 Resp: 512441
Ion Ratio Lower Upper
142 100
141 92.3 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

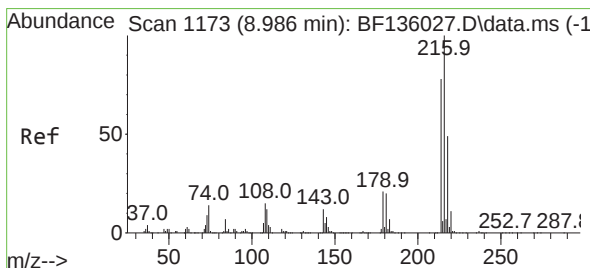
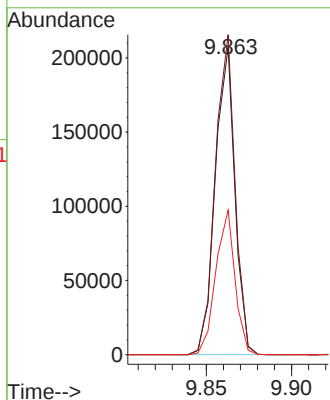
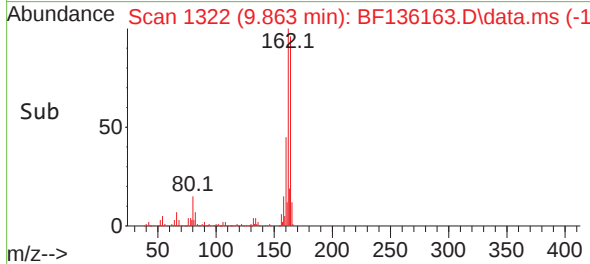
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



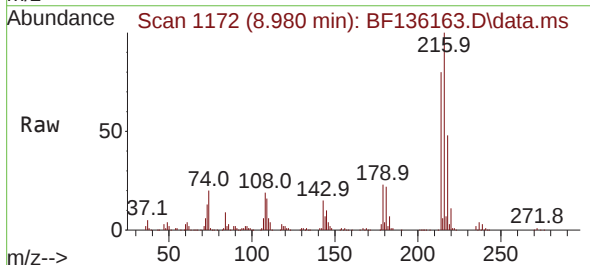
Tgt Ion:164 Resp: 166345
Ion Ratio Lower Upper
164 100
162 104.0 80.1 120.1
160 47.0 34.8 52.2

Manual Integrations
APPROVED

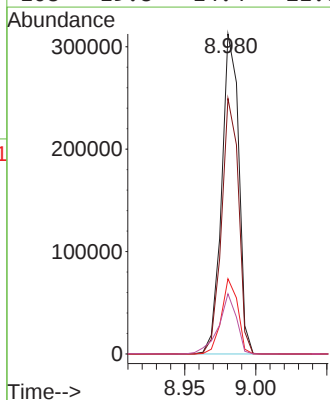
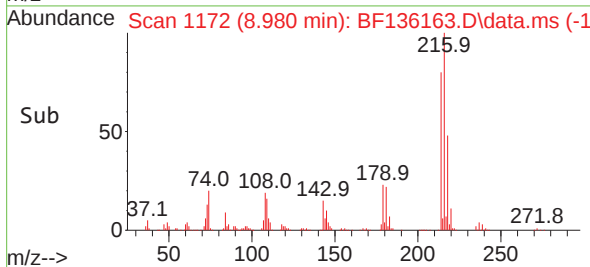
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

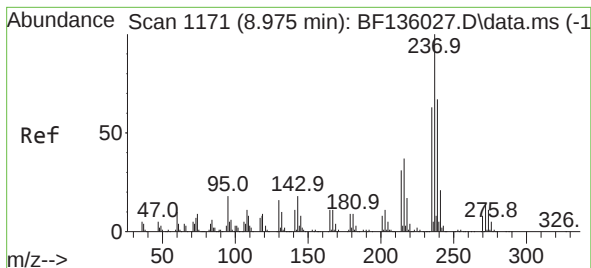


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.967 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:216 Resp: 260765
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.5 17.5 26.3
108 19.8 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 78.806 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

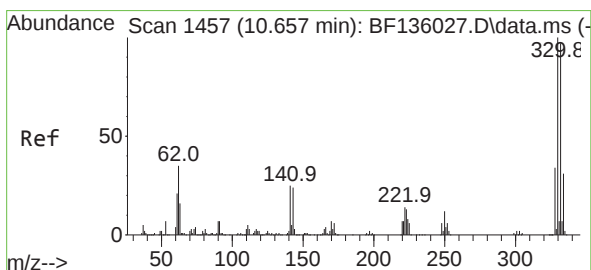
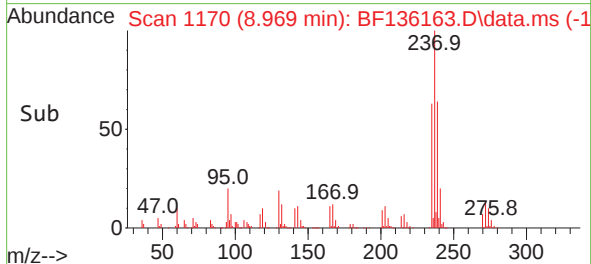
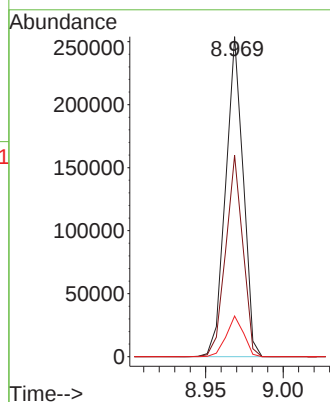
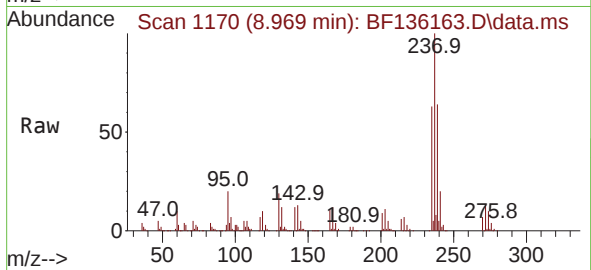
Tgt Ion:	237	Resp:	19973
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.3	83.3
272	12.7	0.0	34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#42

2,4,6-Tribromophenol

Concen: 126.817 ng

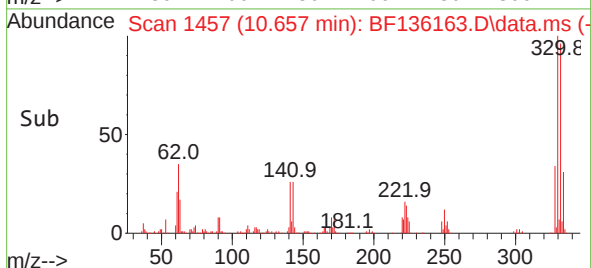
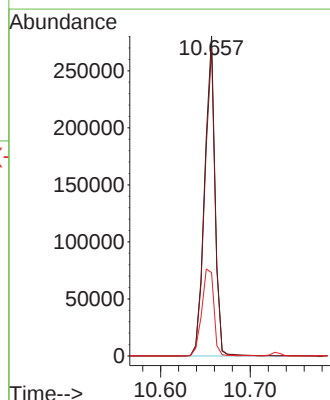
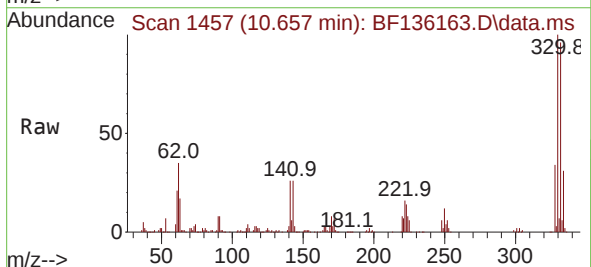
RT: 10.657 min Scan# 1457

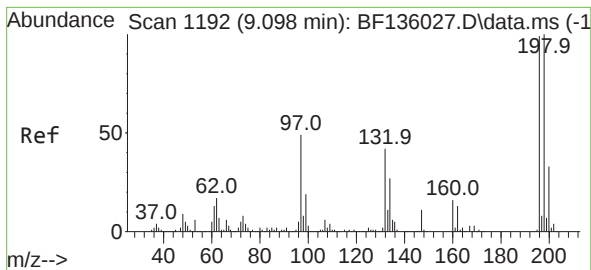
Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:	330	Resp:	225168
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	31.8	23.2	34.8





#43

2,4,6-Trichlorophenol

Concen: 55.687 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:196 Resp: 172249

Ion Ratio Lower Upper

196 100

198 100.7 80.7 121.1

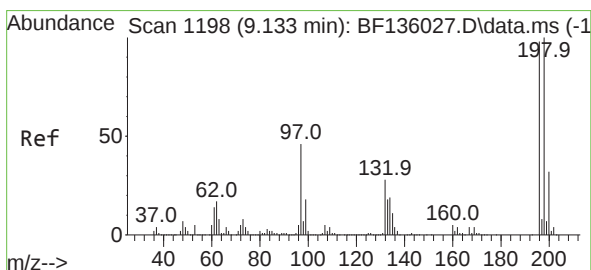
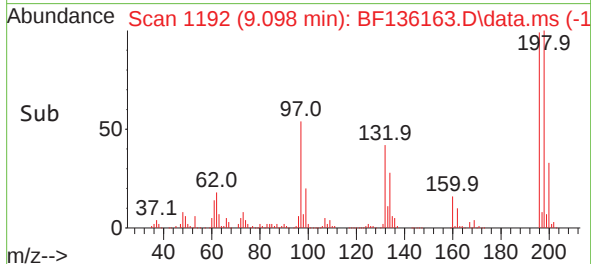
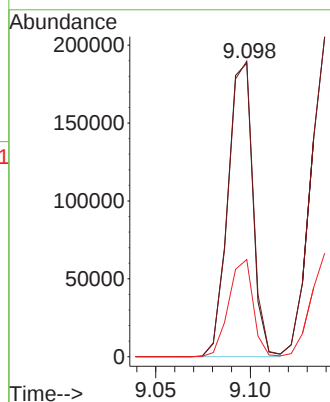
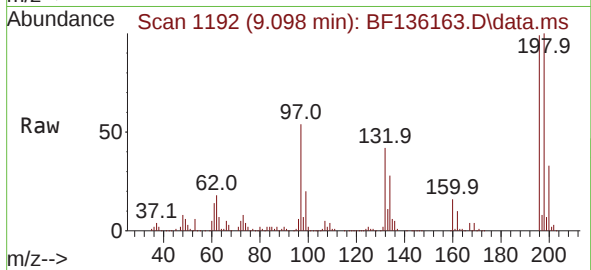
200 33.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#44

2,4,5-Trichlorophenol

Concen: 50.045 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:196 Resp: 179316

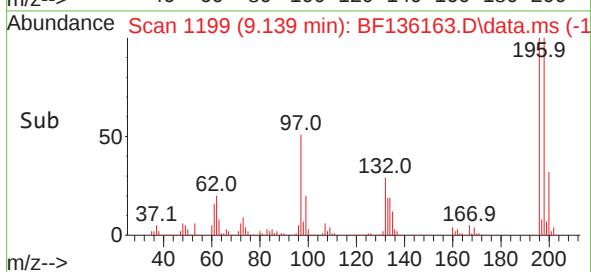
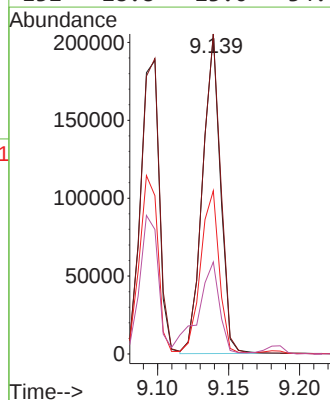
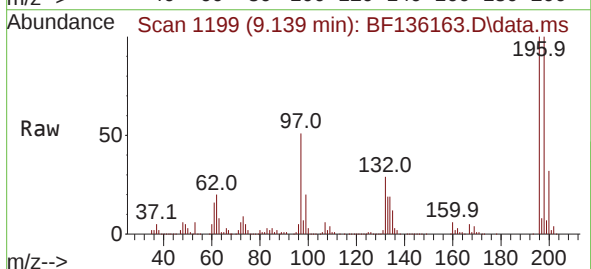
Ion Ratio Lower Upper

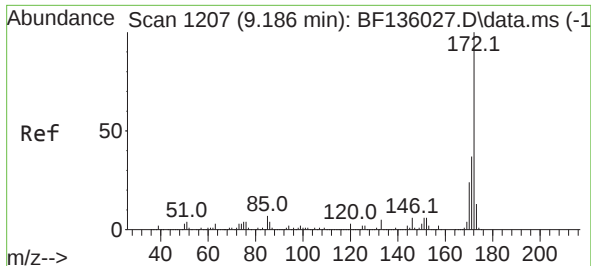
196 100

198 100.1 81.6 122.4

97 51.1 38.2 57.2

132 28.8 23.0 34.4





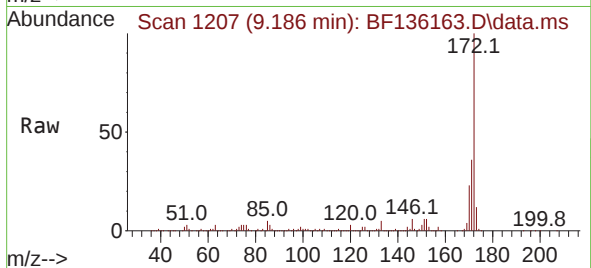
#45
2-Fluorobiphenyl
Concen: 90.365 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

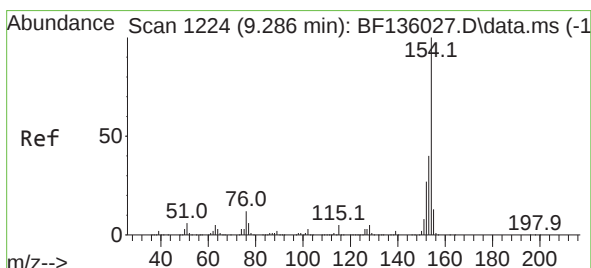
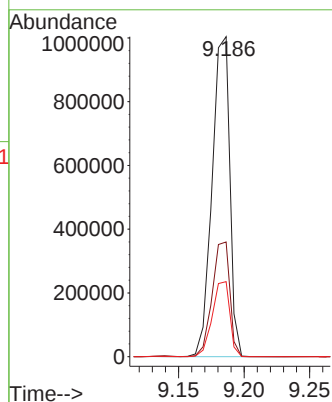
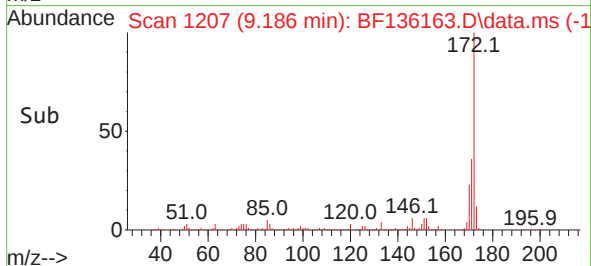


Tgt Ion:172 Resp: 942958
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.4 19.3 28.9

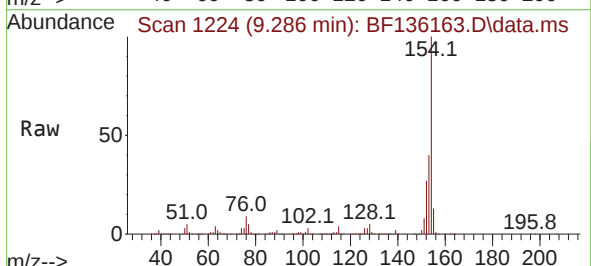
Manual Integrations

APPROVED

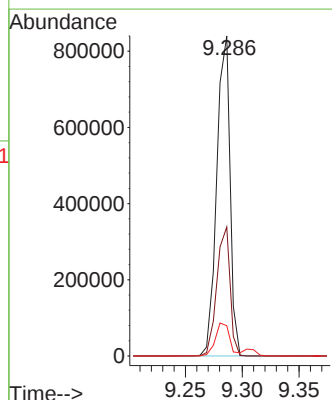
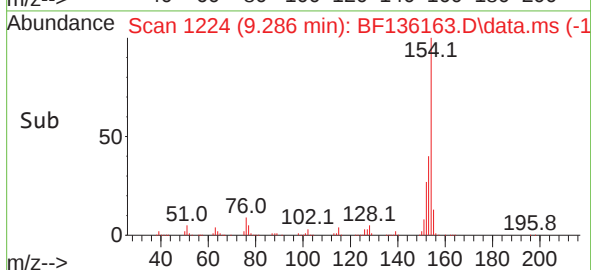
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

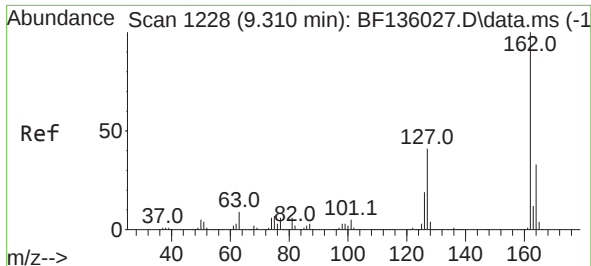


#46
1,1'-Biphenyl
Concen: 53.901 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:154 Resp: 683507
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 9.4 0.0 32.5





#47

2-Chloronaphthalene

Concen: 54.720 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF136163.D

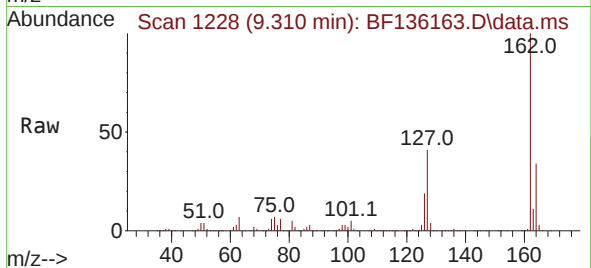
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD



Tgt Ion:162 Resp: 51153

Ion Ratio Lower Upper

162 100

127 40.8 32.4 48.6

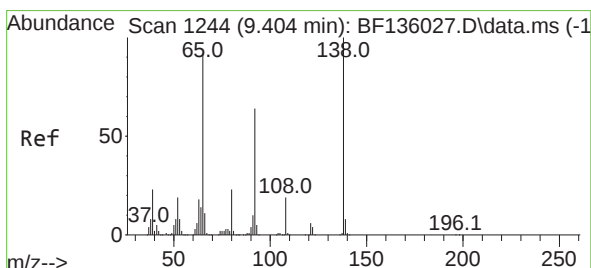
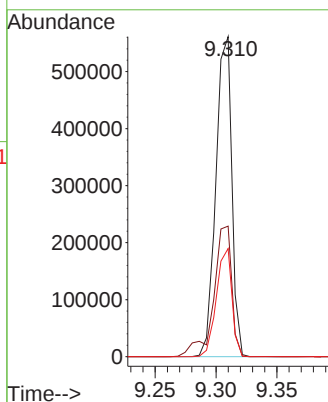
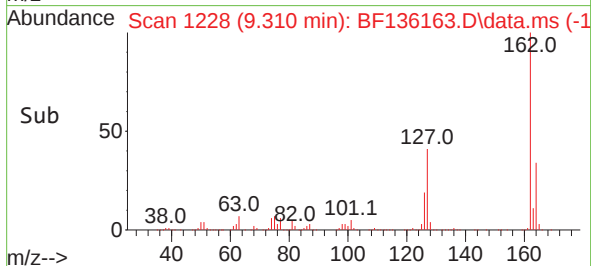
164 33.8 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#48

2-Nitroaniline

Concen: 54.856 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

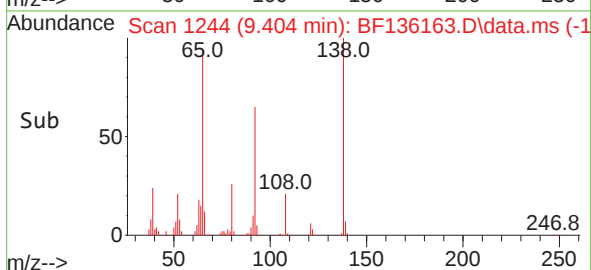
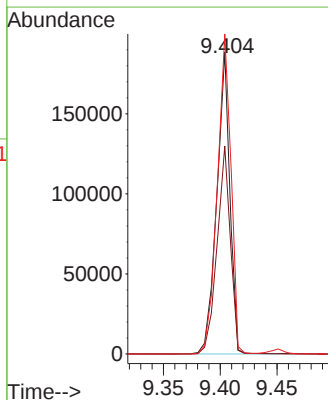
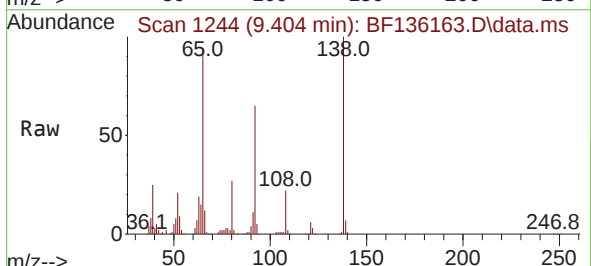
Tgt Ion: 65 Resp: 151764

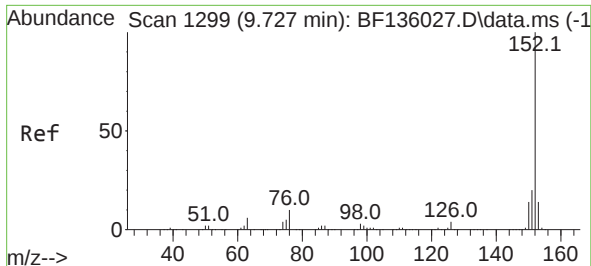
Ion Ratio Lower Upper

65 100

92 68.9 55.7 83.5

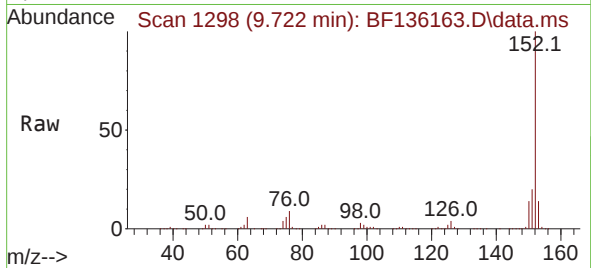
138 105.9 86.8 130.2





#49
Acenaphthylene
Concen: 55.911 ng
RT: 9.722 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

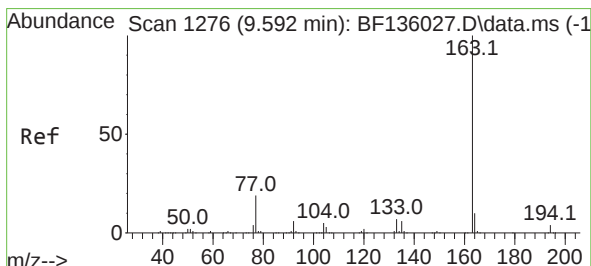
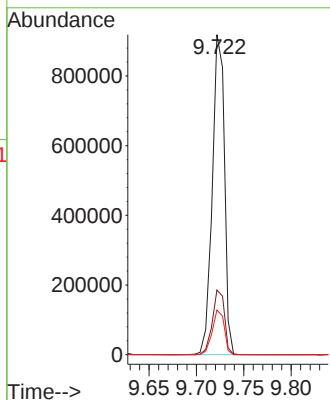
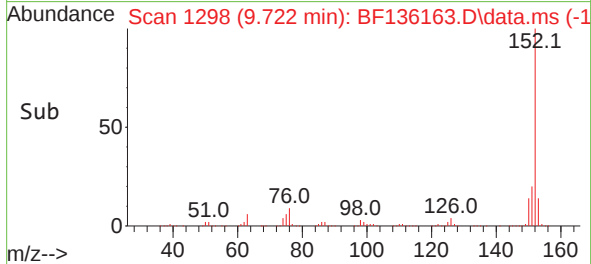
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



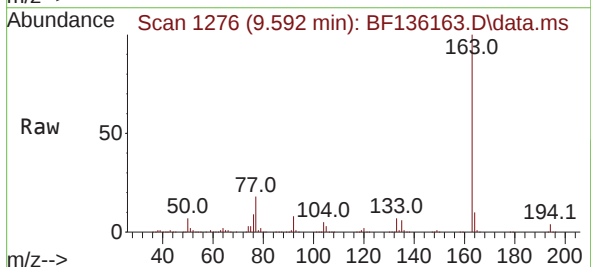
Tgt Ion:152 Resp: 815374
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.0 11.4 17.2

Manual Integrations
APPROVED

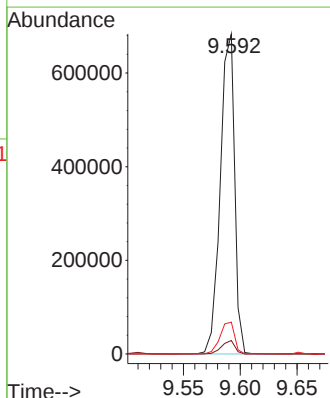
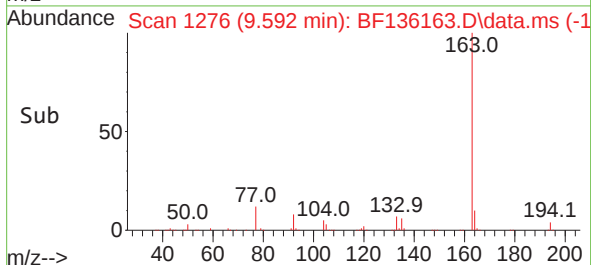
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

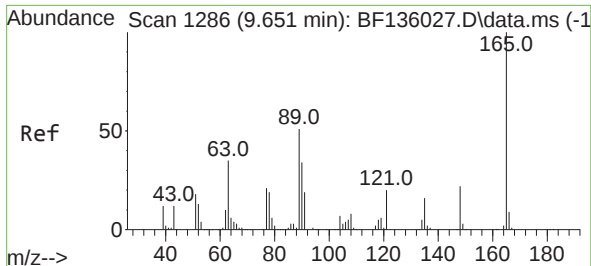


#50
Dimethylphthalate
Concen: 54.775 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:163 Resp: 601010
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.9 8.1 12.1





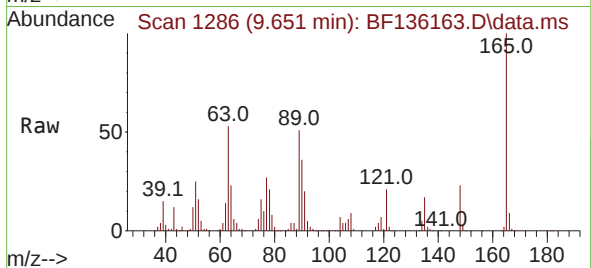
#51
2,6-Dinitrotoluene
Concen: 56.654 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

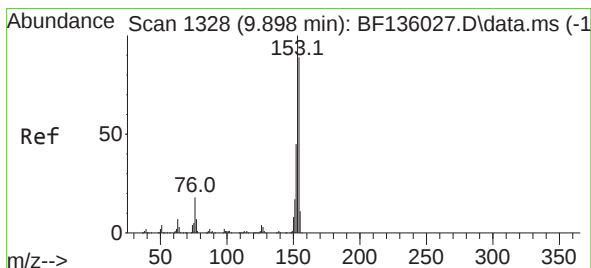
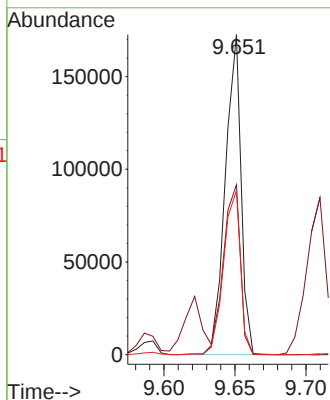
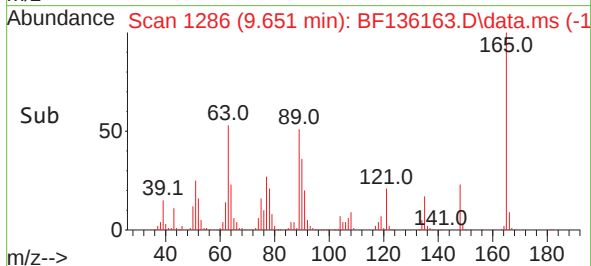
WC-2MSD



Tgt Ion:165 Resp: 13295
Ion Ratio Lower Upper
165 100
63 53.1 40.8 61.2
89 51.3 41.1 61.7

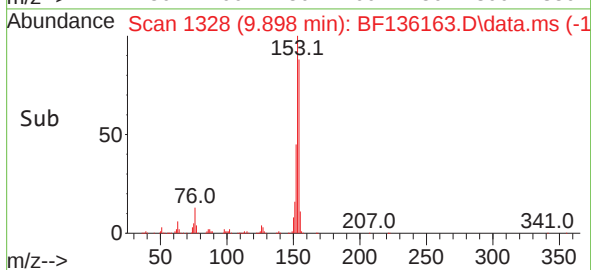
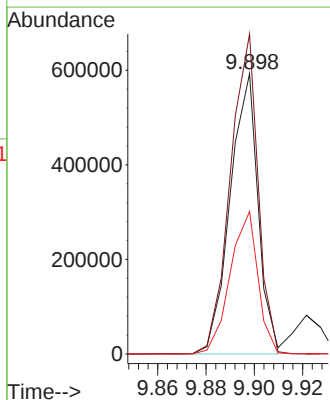
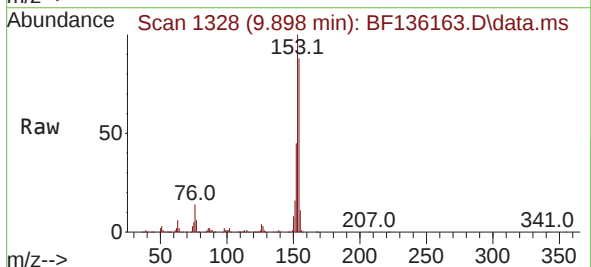
Manual Integrations
APPROVED

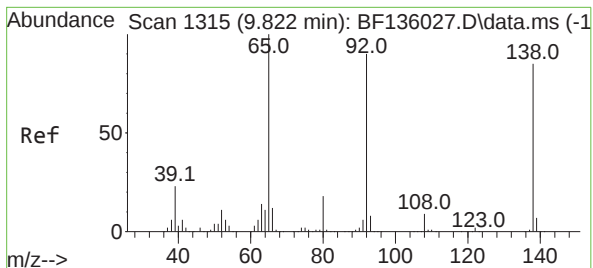
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#52
Acenaphthene
Concen: 51.477 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

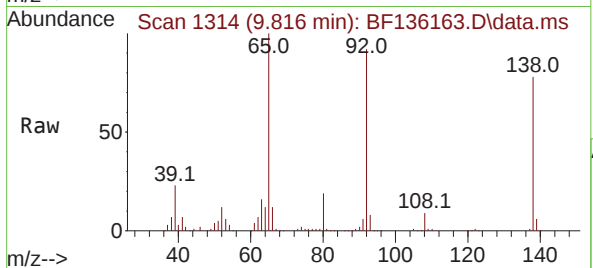
Tgt Ion:154 Resp: 477235
Ion Ratio Lower Upper
154 100
153 114.2 89.9 134.9
152 50.9 40.2 60.2





#53
3-Nitroaniline
Concen: 31.745 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

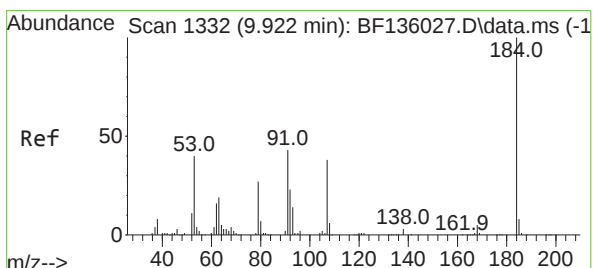
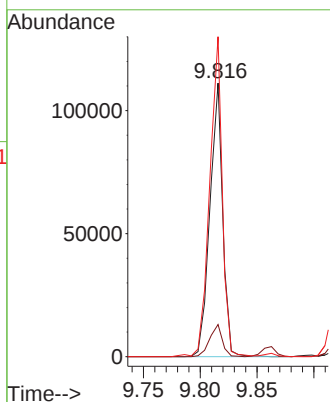
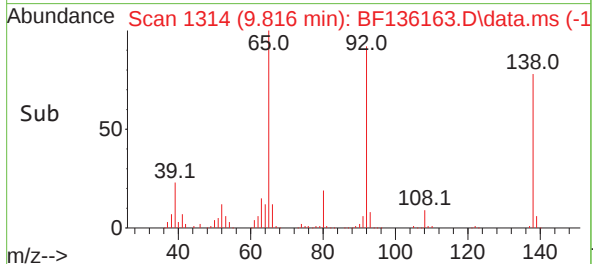
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



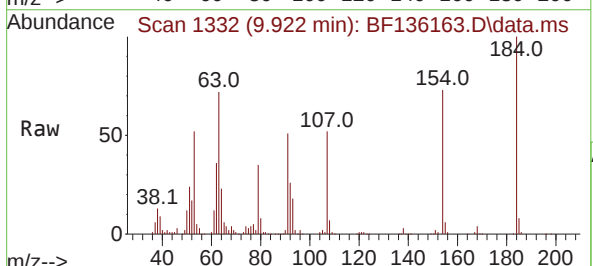
Tgt Ion:138 Resp: 86920
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 117.0 84.6 126.8

Manual Integrations
APPROVED

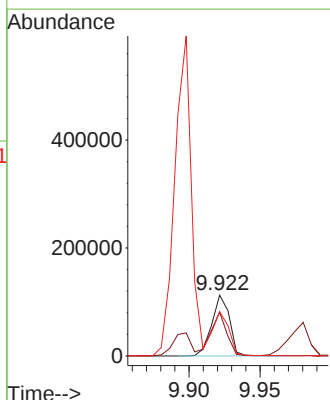
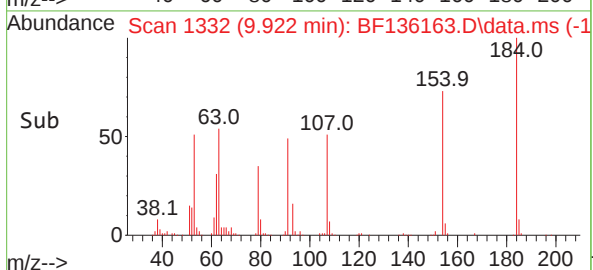
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

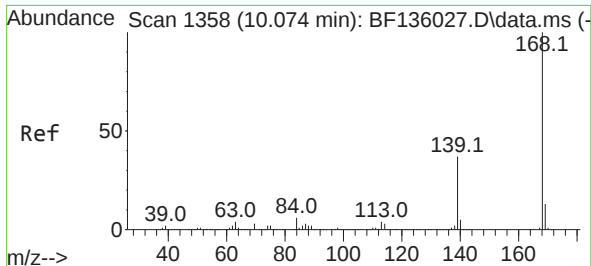


#54
2,4-Dinitrophenol
Concen: 77.216 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



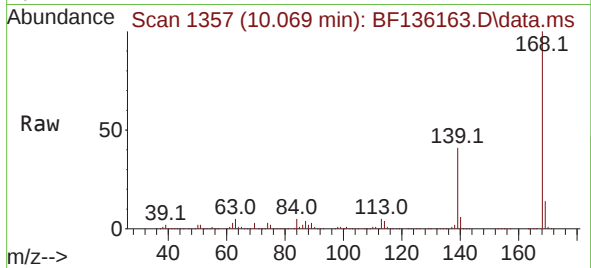
Tgt Ion:184 Resp: 97817
Ion Ratio Lower Upper
184 100
63 72.1 43.7 65.5#
154 72.7 51.2 76.8





#55
Dibenzenofuran
Concen: 52.454 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

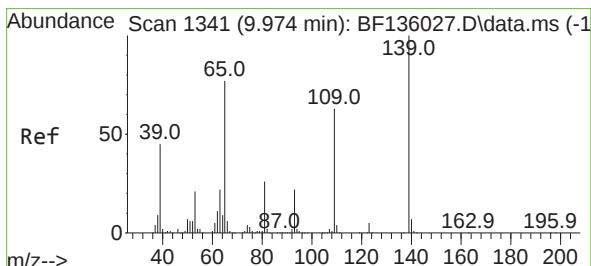
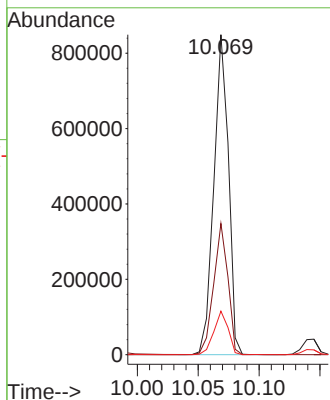
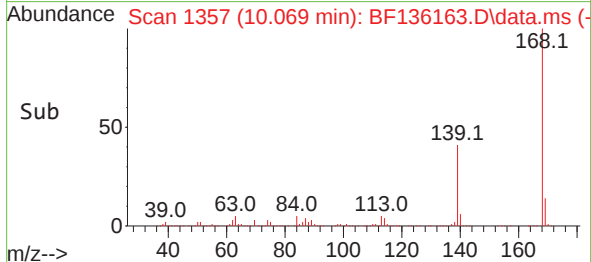
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:168 Resp: 709090
Ion Ratio Lower Upper
168 100
139 41.0 29.4 44.0
169 13.6 10.5 15.7

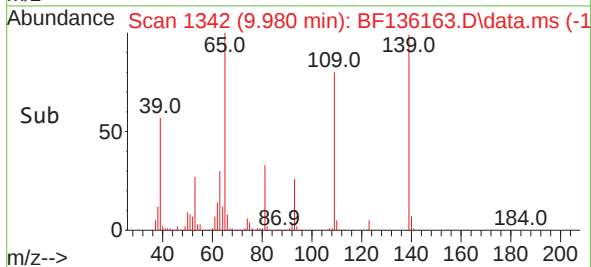
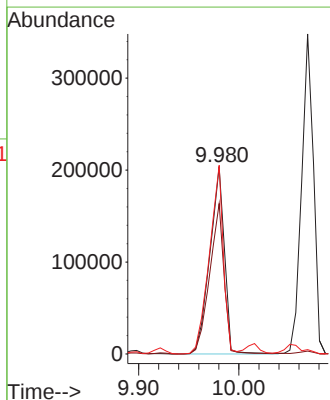
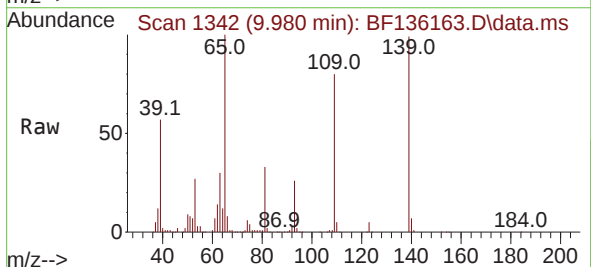
Manual Integrations
APPROVED

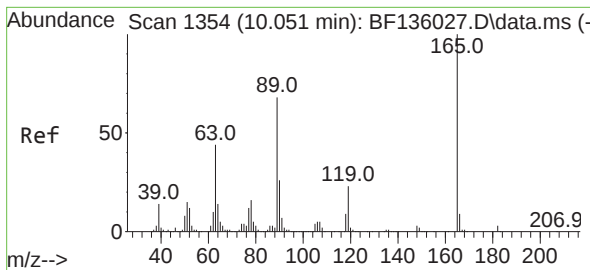
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#56
4-Nitrophenol
Concen: 101.195 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

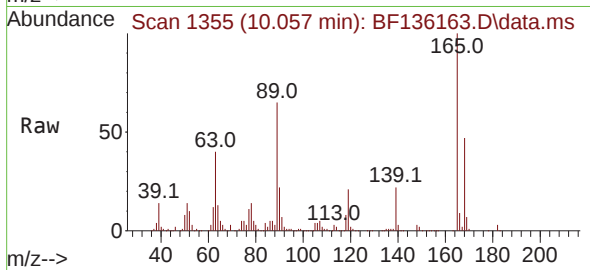
Tgt Ion:139 Resp: 207272
Ion Ratio Lower Upper
139 100
109 80.3 43.2 83.2
65 100.7 57.6 97.6#





#57
2,4-Dinitrotoluene
Concen: 57.072 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

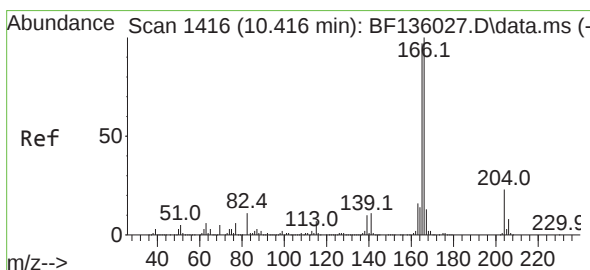
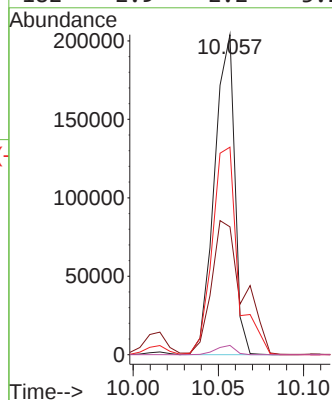
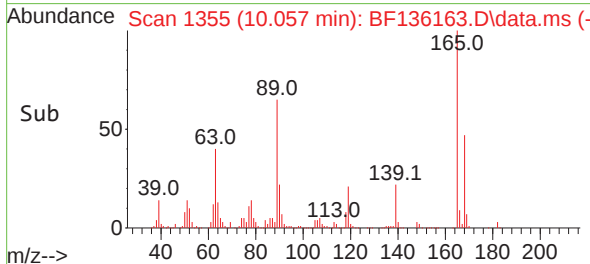
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



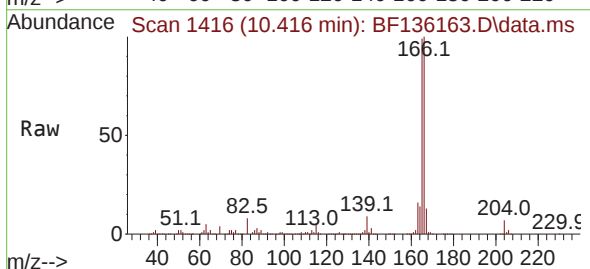
Tgt Ion:165 Resp: 169458
Ion Ratio Lower Upper
165 100
63 39.9 35.2 52.8
89 64.9 54.8 82.2
182 2.9 2.2 3.2

Manual Integrations
APPROVED

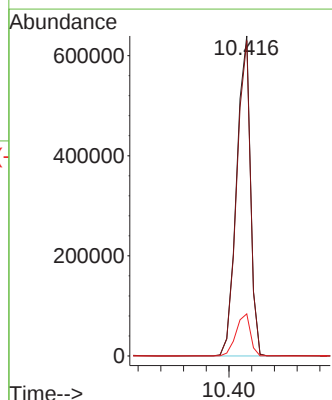
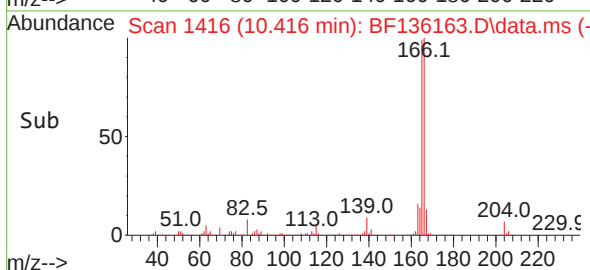
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

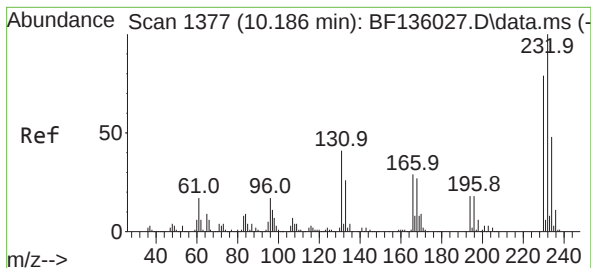


#58
Fluorene
Concen: 53.252 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



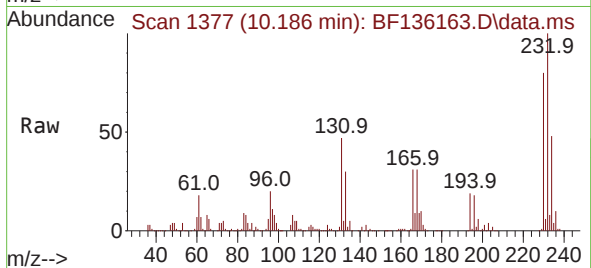
Tgt Ion:166 Resp: 538988
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.010 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

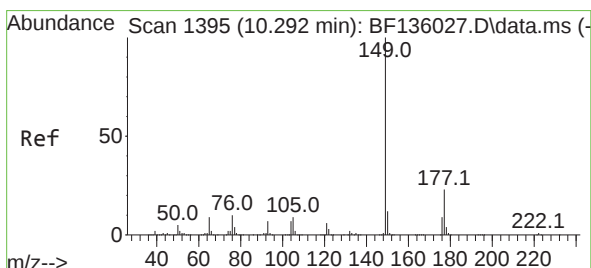
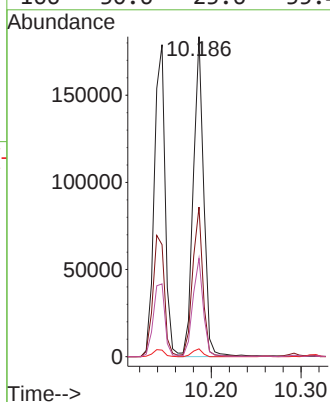
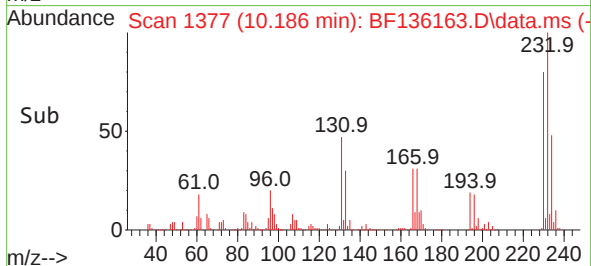
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



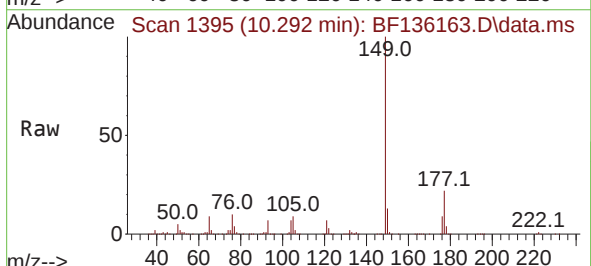
Tgt Ion:232 Resp: 14815
Ion Ratio Lower Upper
232 100
131 46.2 34.6 52.0
130 2.4 1.6 2.4
166 30.6 23.6 35.4

Manual Integrations
APPROVED

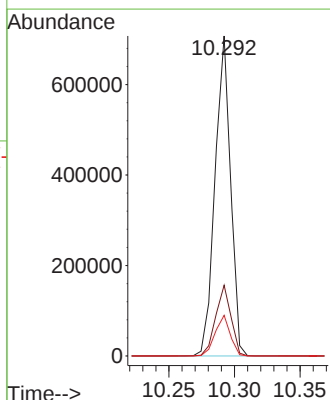
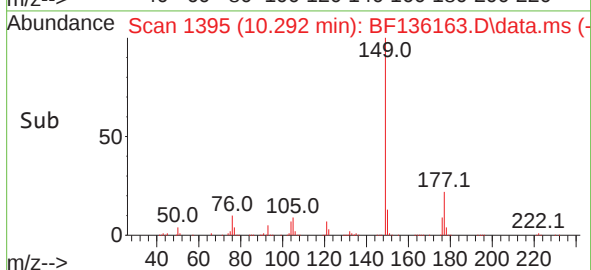
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

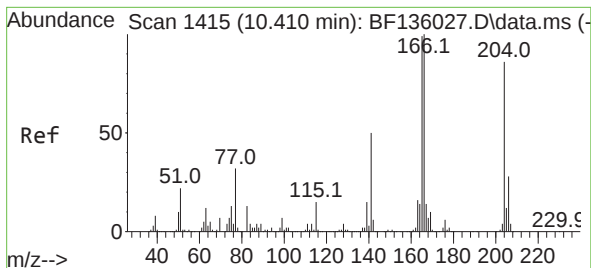


#60
Diethylphthalate
Concen: 55.488 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



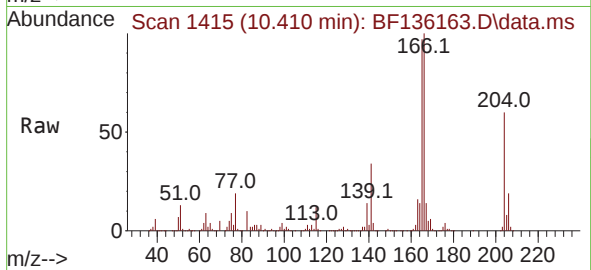
Tgt Ion:149 Resp: 581721
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 52.934 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

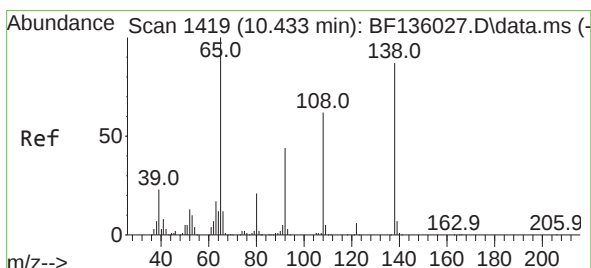
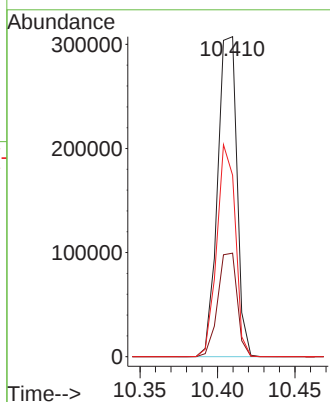
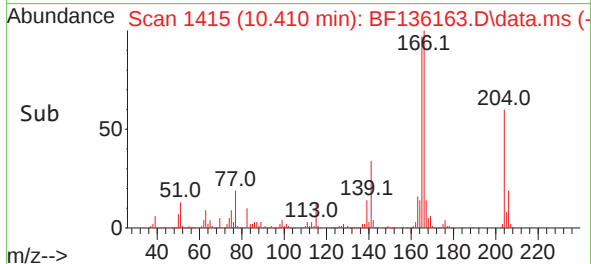
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:204 Resp: 267440
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 56.7 46.8 70.2

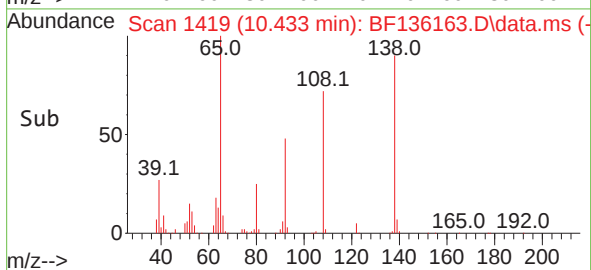
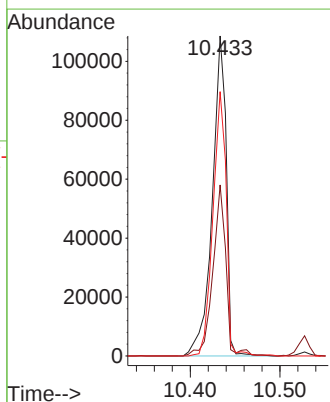
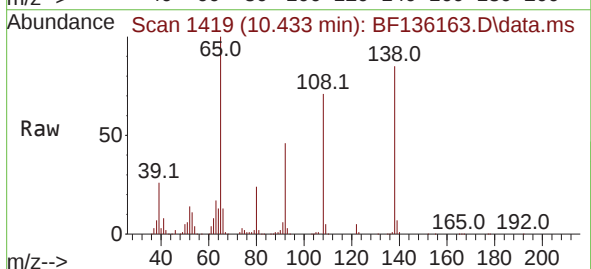
Manual Integrations
APPROVED

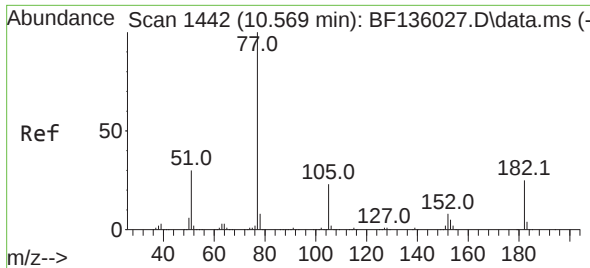
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#62
4-Nitroaniline
Concen: 44.386 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

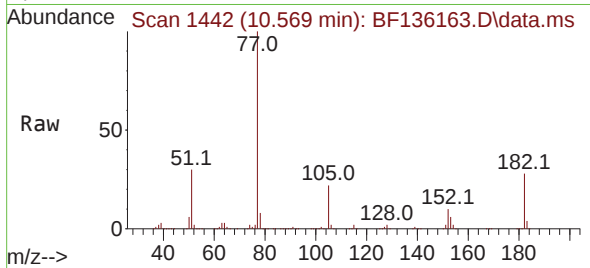
Tgt Ion:138 Resp: 117034
Ion Ratio Lower Upper
138 100
92 53.5 30.6 70.6
108 82.6 51.5 91.5





#63
Azobenzene
Concen: 51.198 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

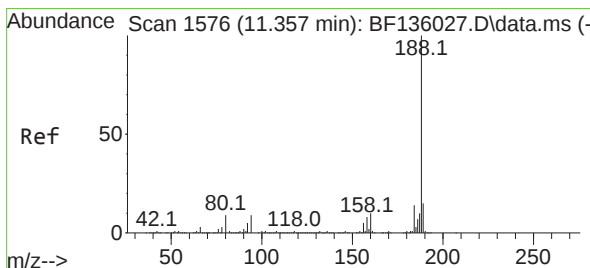
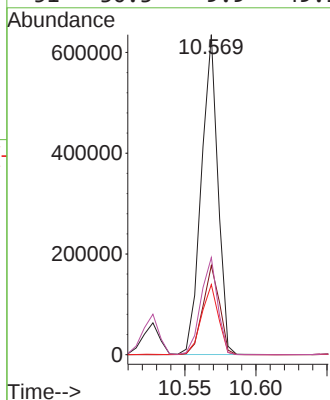
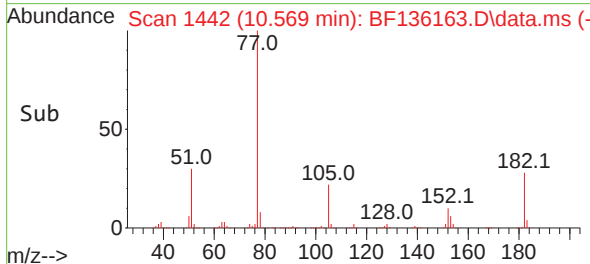
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



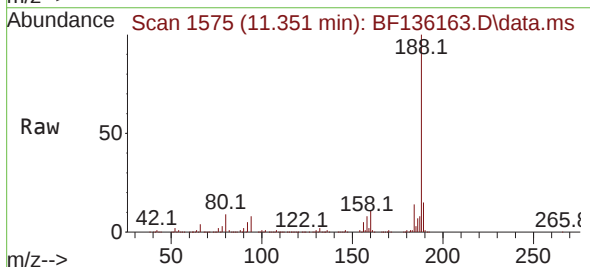
Tgt Ion: 77 Resp: 516918
Ion Ratio Lower Upper
77 100
182 27.9 5.0 45.0
105 21.9 2.6 42.6
51 30.3 9.9 49.9

Manual Integrations
APPROVED

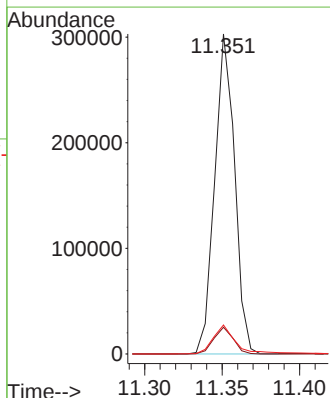
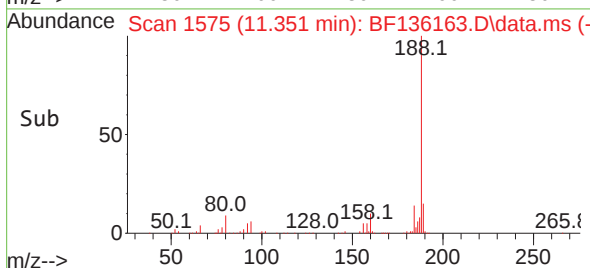
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

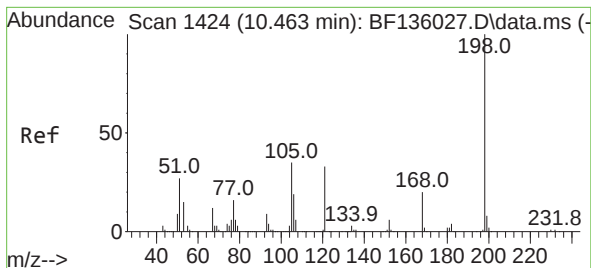


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:188 Resp: 270586
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.1 7.4 11.0





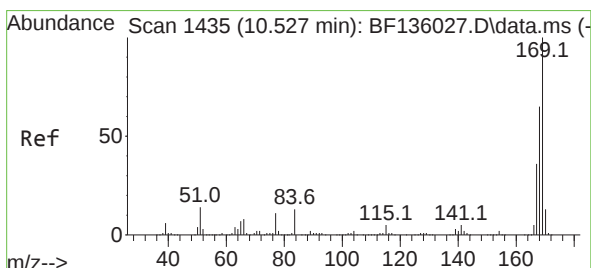
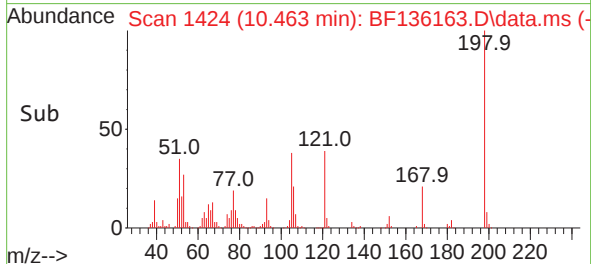
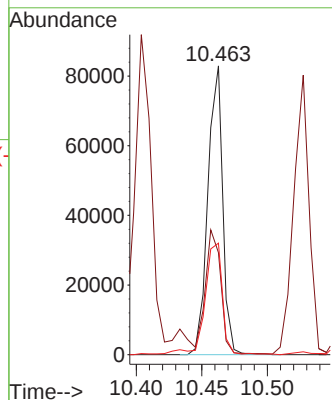
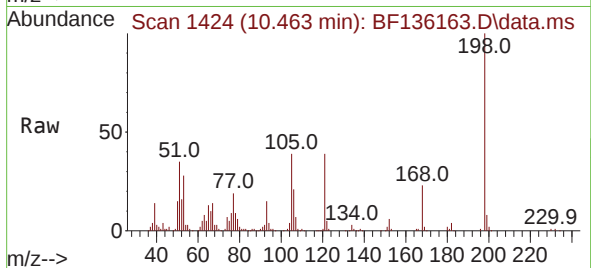
#65
4,6-Dinitro-2-methylphenol
Concen: 44.590 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:198 Resp: 65600
Ion Ratio Lower Upper
198 100
51 35.4 12.9 52.9
105 38.6 16.0 56.0

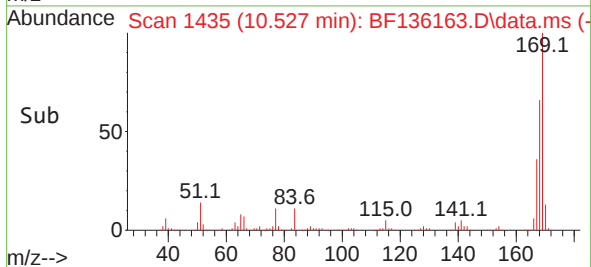
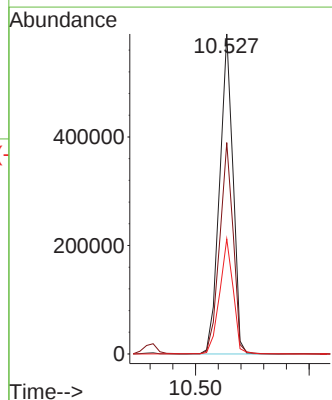
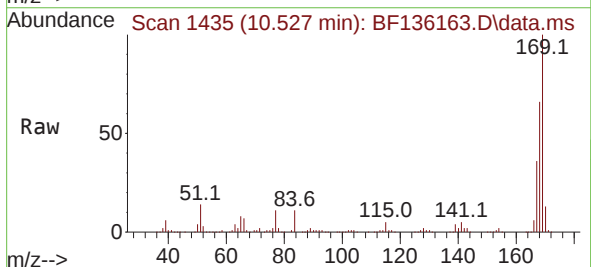
Manual Integrations
APPROVED

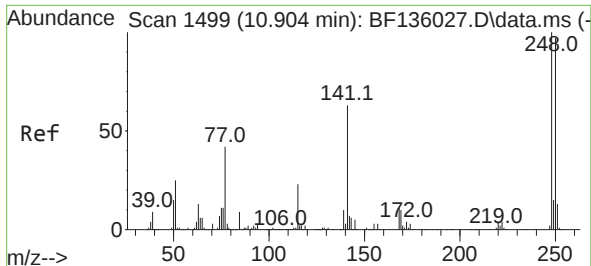
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#66
n-Nitrosodiphenylamine
Concen: 59.107 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

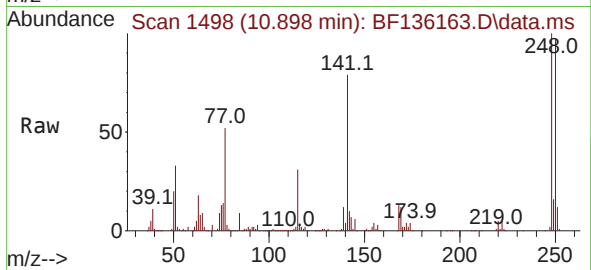
Tgt Ion:169 Resp: 482464
Ion Ratio Lower Upper
169 100
168 66.0 52.2 78.2
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 57.789 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

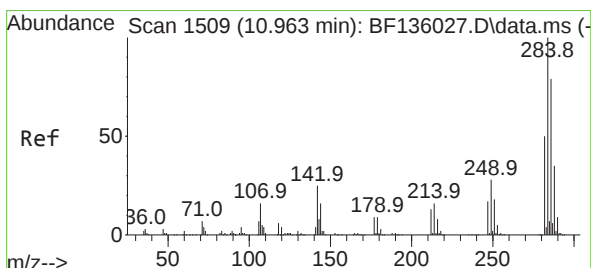
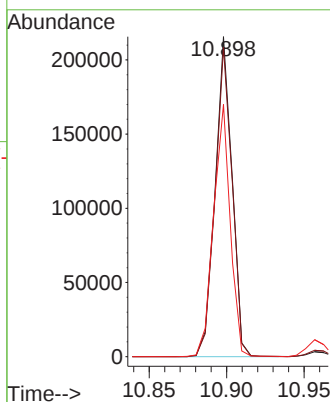
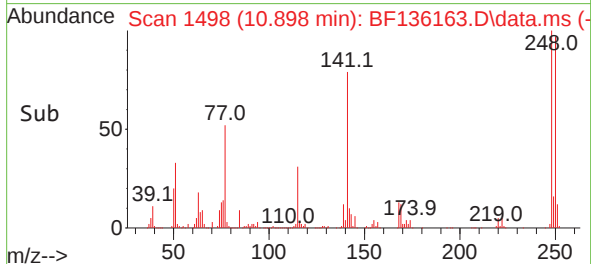
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



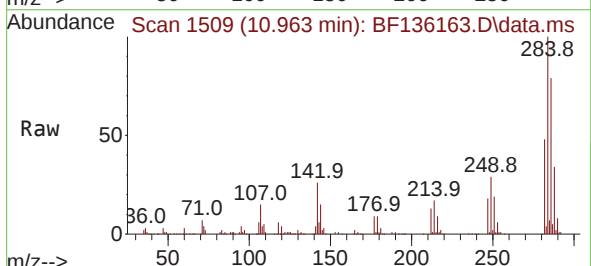
Tgt Ion:248 Resp: 16394
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 78.8 50.4 75.6

Manual Integrations
APPROVED

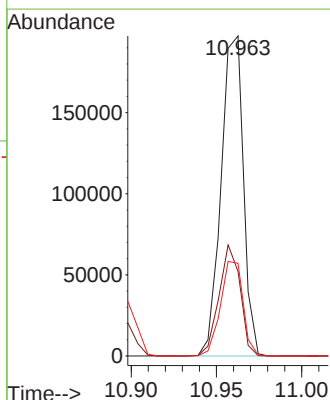
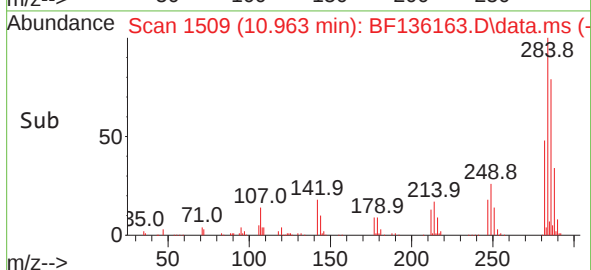
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

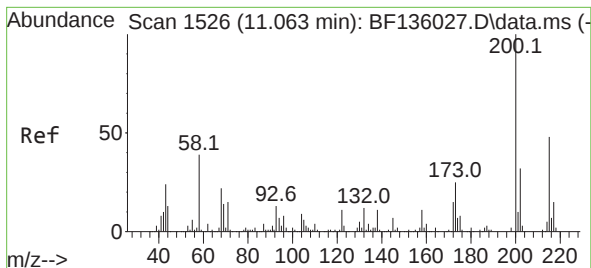


#68
Hexachlorobenzene
Concen: 59.432 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



Tgt Ion:284 Resp: 180071
Ion Ratio Lower Upper
284 100
142 26.4 20.2 30.4
249 28.9 22.6 33.8





#69

Atrazine

Concen: 72.727 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

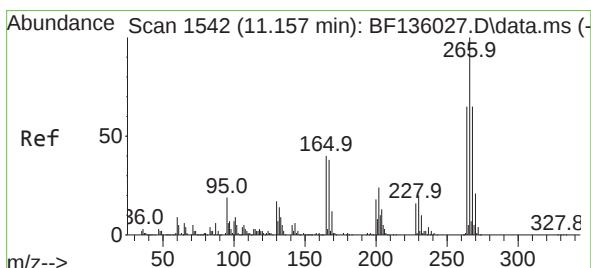
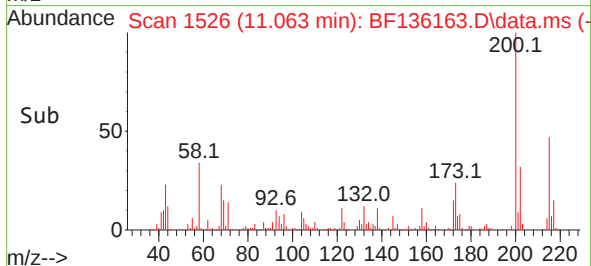
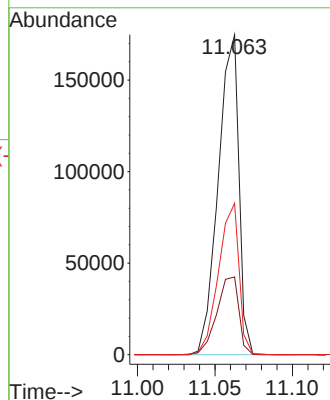
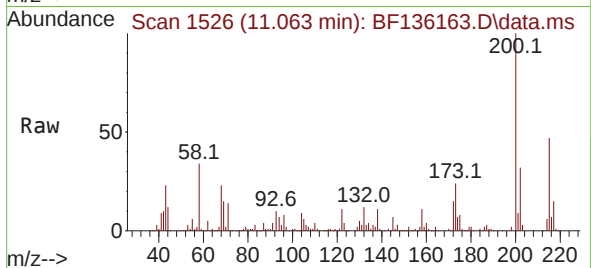
Tgt Ion:200 Resp: 161517
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.2 45.2
 215 47.3 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#70

Pentachlorophenol

Concen: 98.285 ng

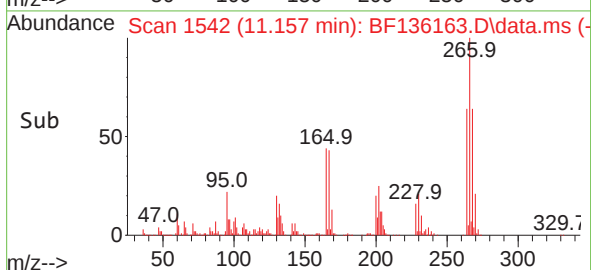
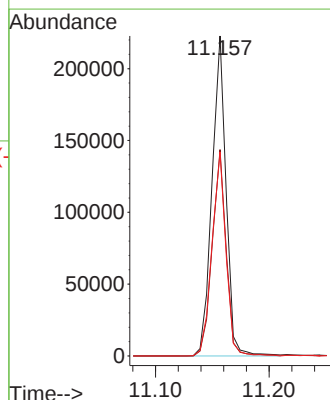
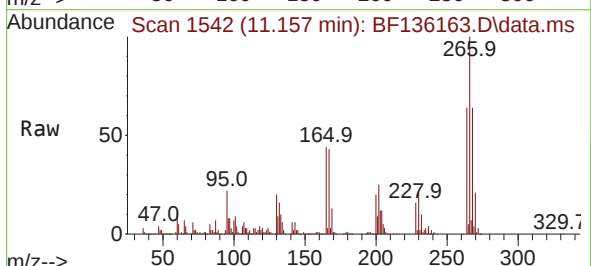
RT: 11.157 min Scan# 1542

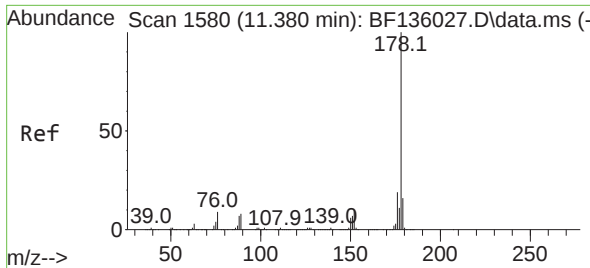
Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

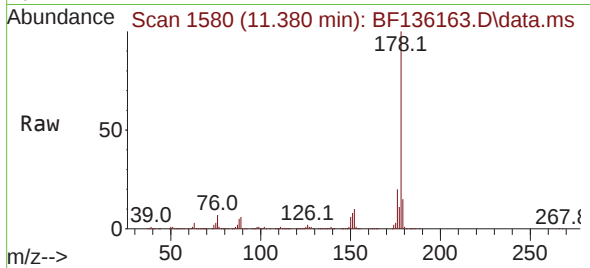
Tgt Ion:266 Resp: 191247
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.2 78.4
 264 63.7 52.2 78.4





#71
Phenanthrene
Concen: 56.126 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

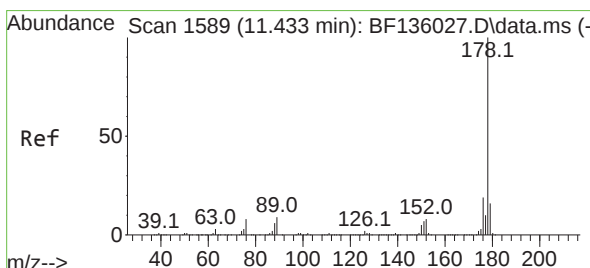
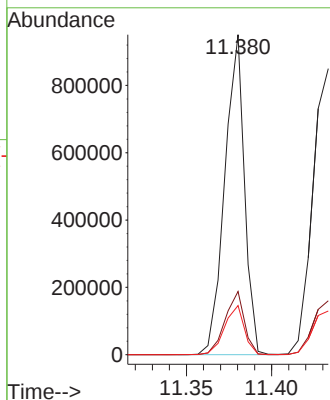
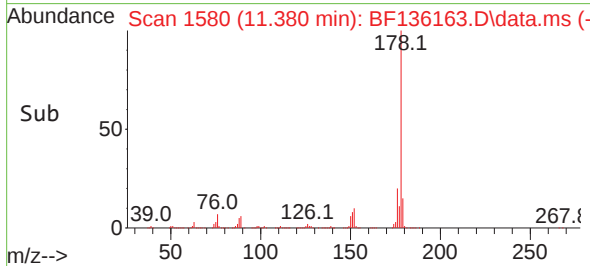
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



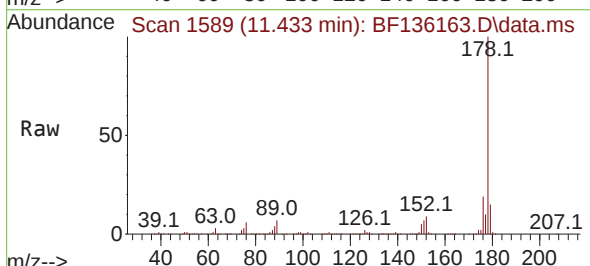
Tgt Ion:178 Resp: 764659
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.4 12.9 19.3

Manual Integrations
APPROVED

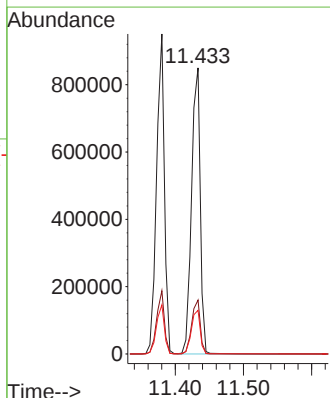
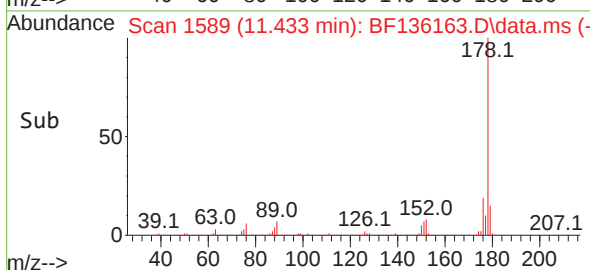
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

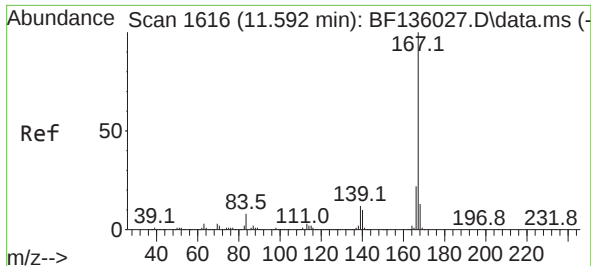


#72
Anthracene
Concen: 53.310 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29



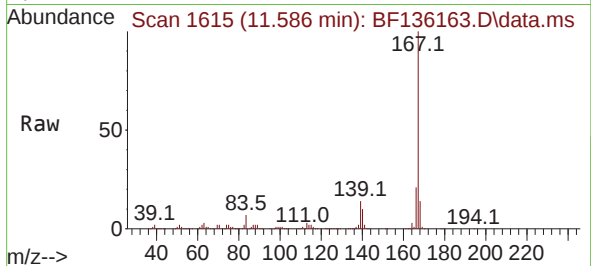
Tgt Ion:178 Resp: 744240
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 50.955 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF136163.D
 Acq: 06 Nov 2023 19:29

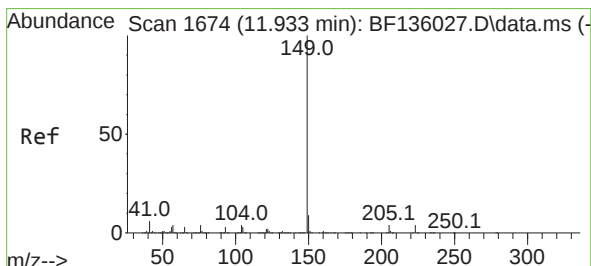
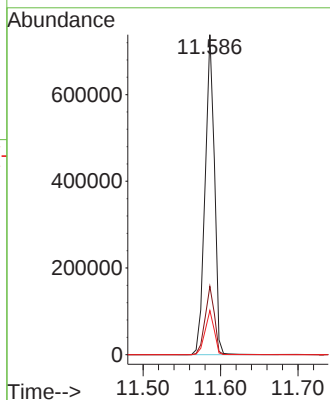
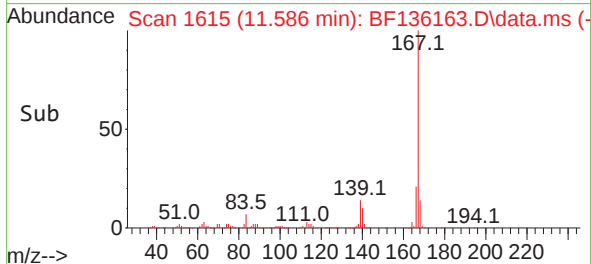
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



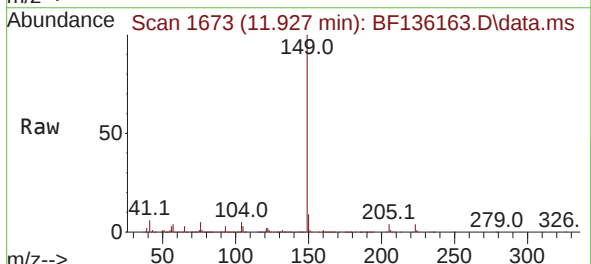
Tgt Ion:167 Resp: 61816
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.8 9.9 14.9

Manual Integrations
 APPROVED

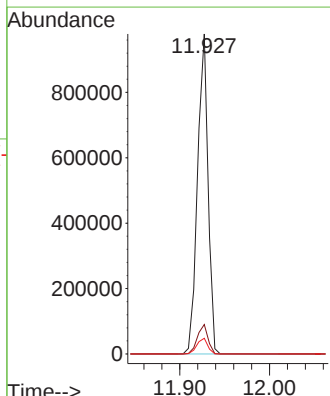
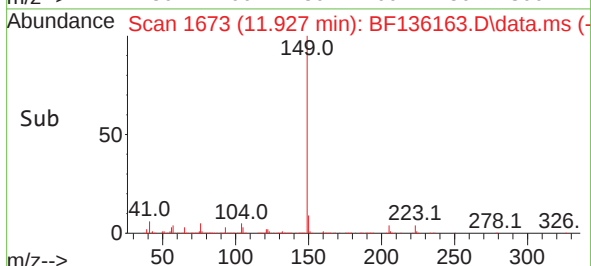
Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023

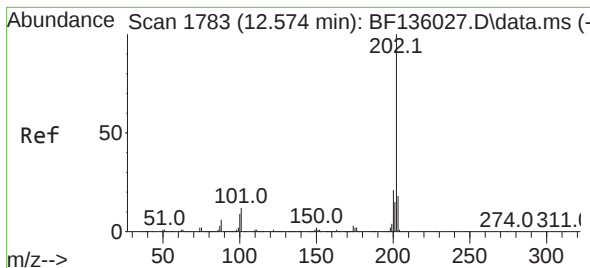


#74
 Di-n-butylphthalate
 Concen: 57.497 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF136163.D
 Acq: 06 Nov 2023 19:29



Tgt Ion:149 Resp: 797035
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.9 3.6 5.4





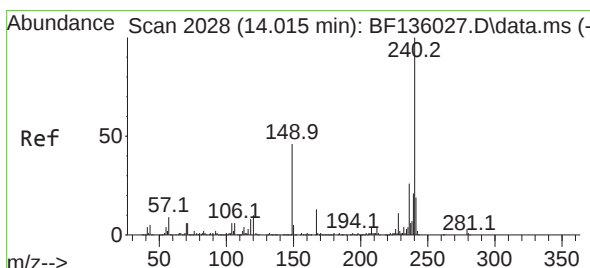
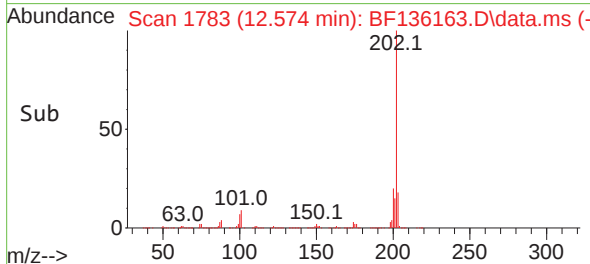
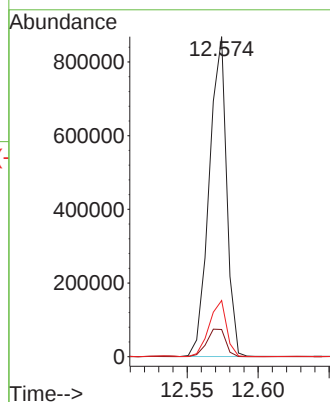
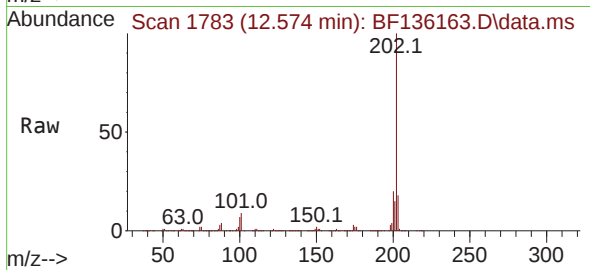
#75
Fluoranthene
Concen: 53.203 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:202 Resp: 74463
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.8
203 17.6 0.0 37.9

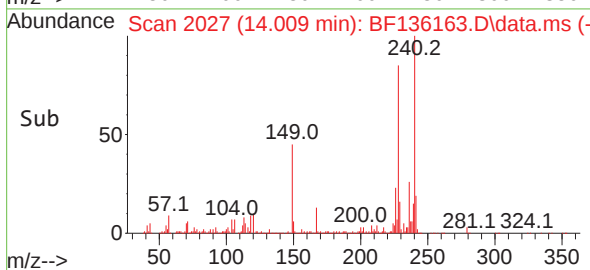
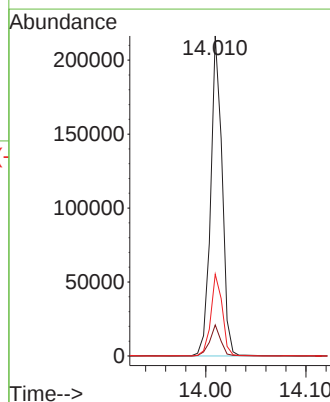
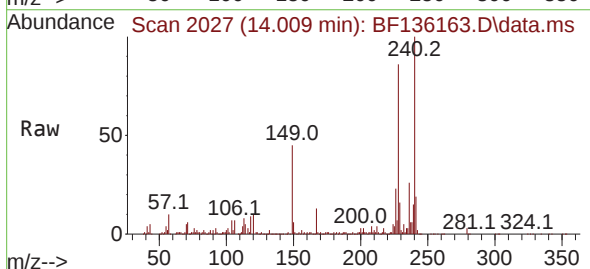
Manual Integrations
APPROVED

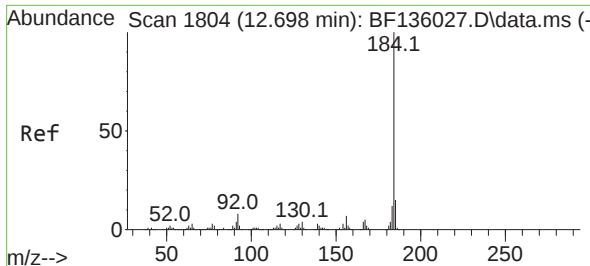
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

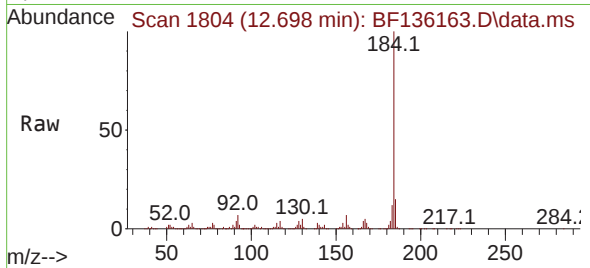
Tgt Ion:240 Resp: 171083
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.6 20.6 31.0





#77
Benzidine
Concen: 87.080 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

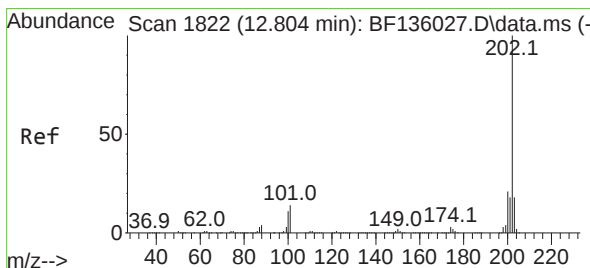
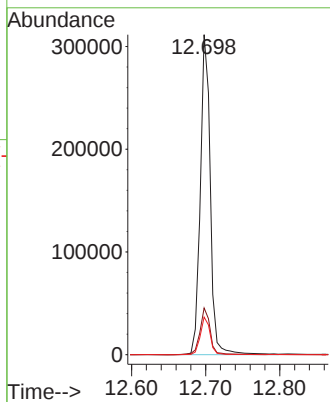
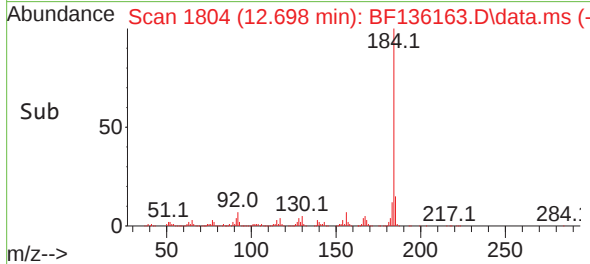
Instrument :
BNA_F
ClientSampleId :
WC-2MSD



Tgt Ion:184 Resp: 29037
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.8 9.5 14.3

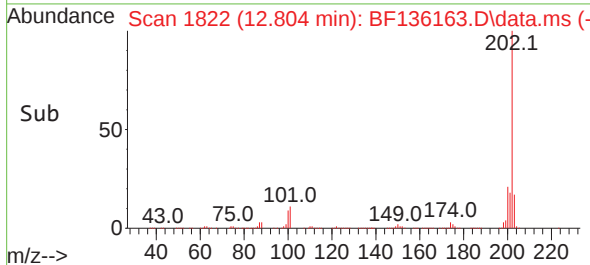
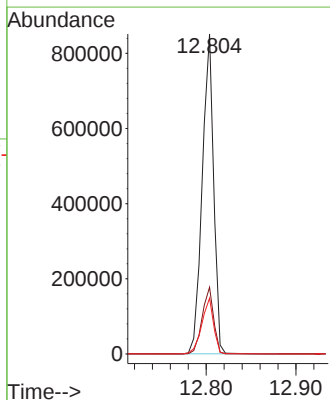
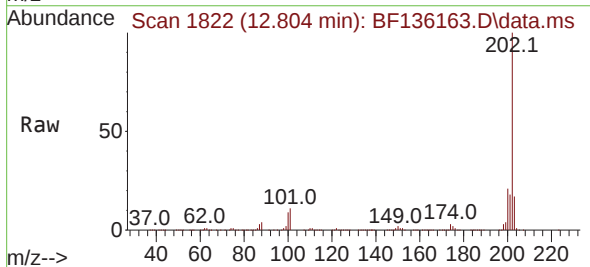
Manual Integrations
APPROVED

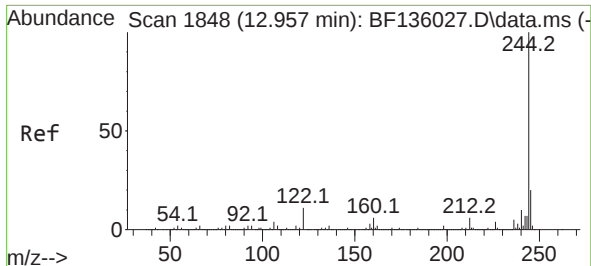
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#78
Pyrene
Concen: 49.739 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

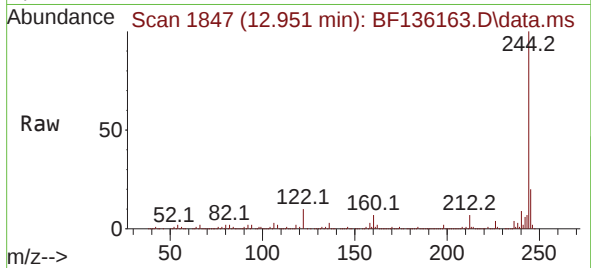
Tgt Ion:202 Resp: 750244
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.4 14.4 21.6





#79
 Terphenyl-d14
 Concen: 75.318 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF136163.D
 Acq: 06 Nov 2023 19:29

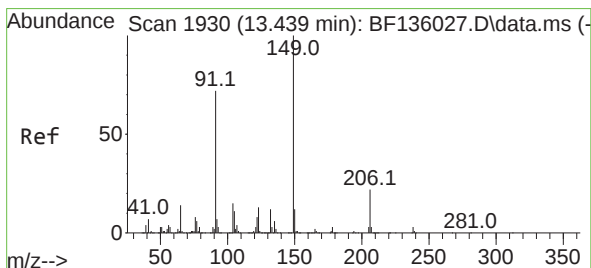
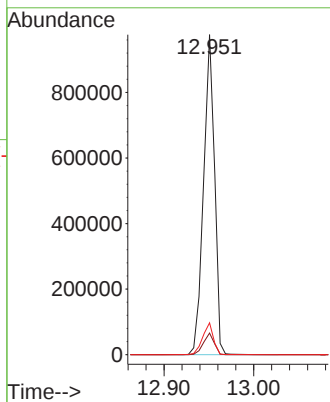
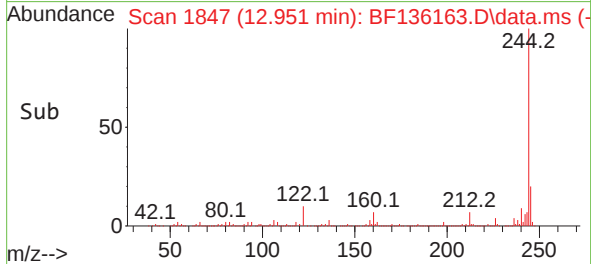
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD



Tgt Ion:244 Resp: 82917
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.0 8.6 12.8

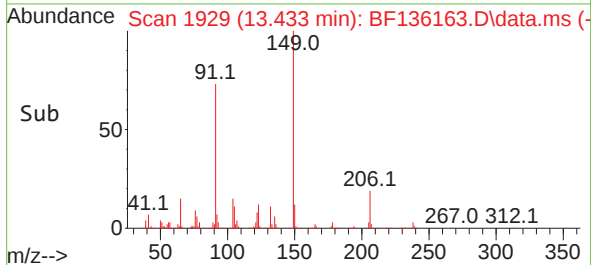
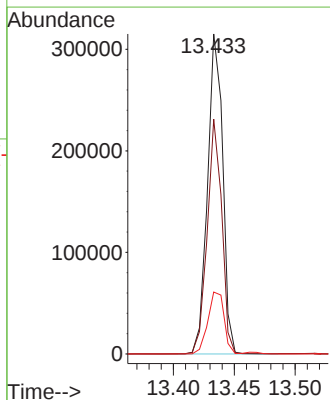
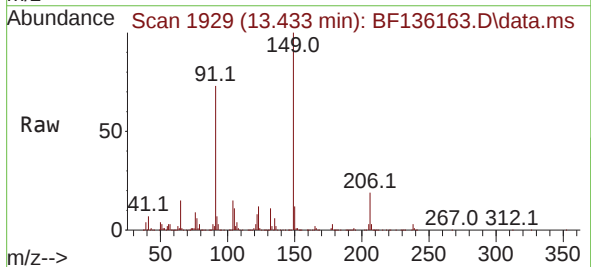
Manual Integrations
 APPROVED

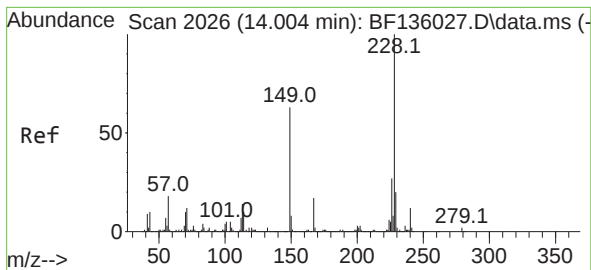
Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



#80
 Butylbenzylphthalate
 Concen: 50.665 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF136163.D
 Acq: 06 Nov 2023 19:29

Tgt Ion:149 Resp: 273552
 Ion Ratio Lower Upper
 149 100
 91 73.4 57.6 86.4
 206 19.3 17.4 26.0





#81

Benzo(a)anthracene

Concen: 55.998 ng

RT: 13.998 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:228 Resp: 63424

Ion Ratio Lower Upper

228 100

226 27.8 21.5 32.3

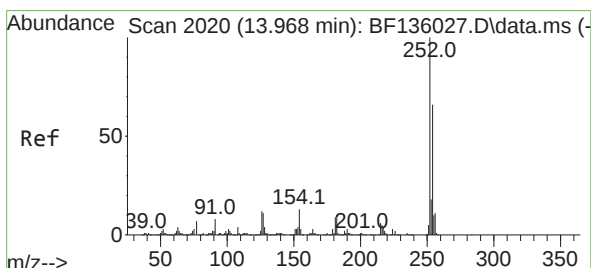
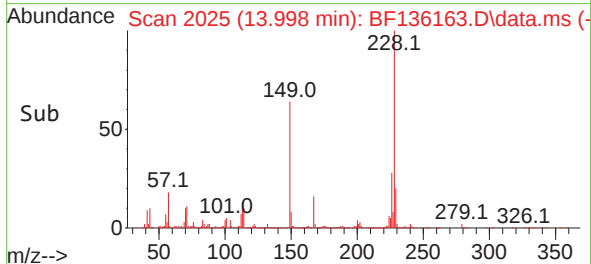
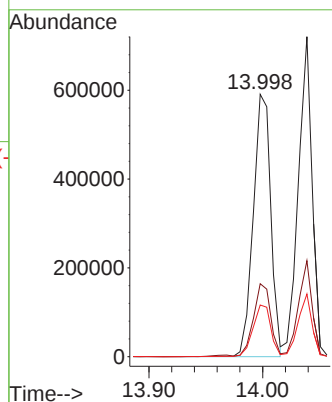
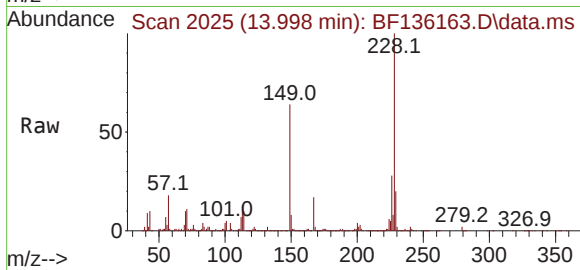
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 50.222 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

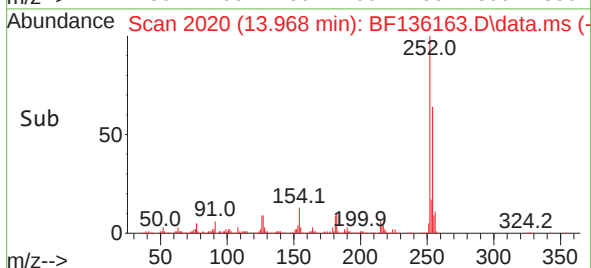
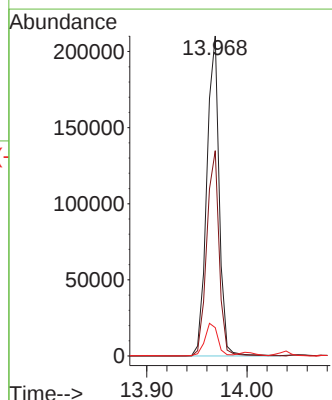
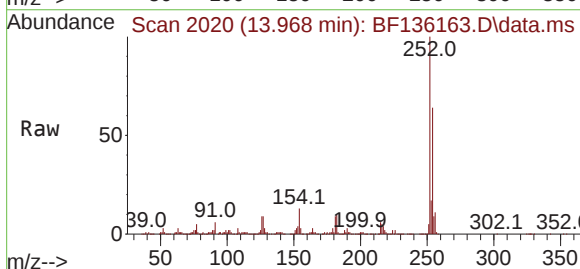
Tgt Ion:252 Resp: 181551

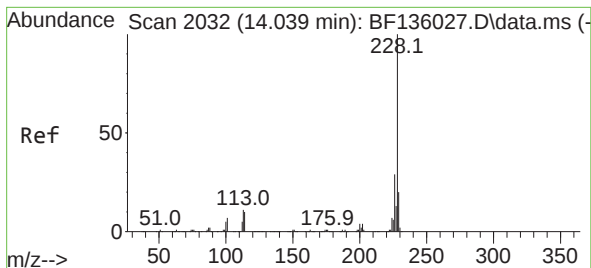
Ion Ratio Lower Upper

252 100

254 64.2 52.5 78.7

126 8.9 9.4 14.2#





#83

Chrysene

Concen: 54.705 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:228 Resp: 610200

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

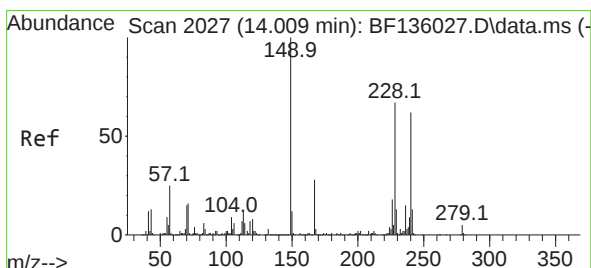
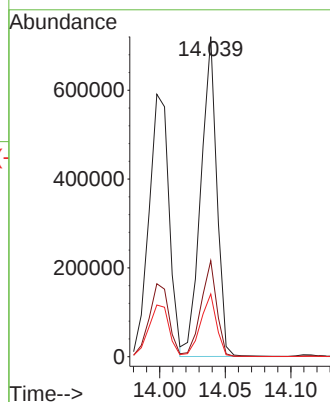
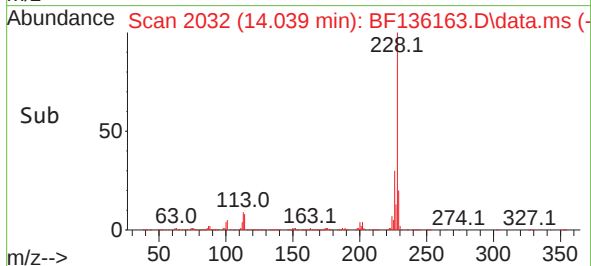
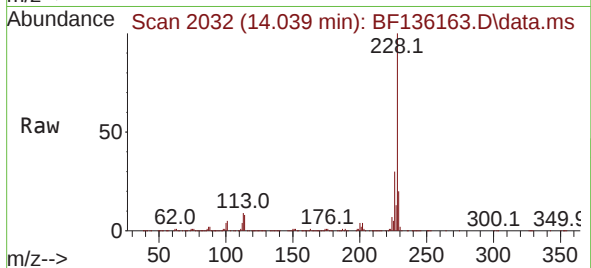
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.964 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

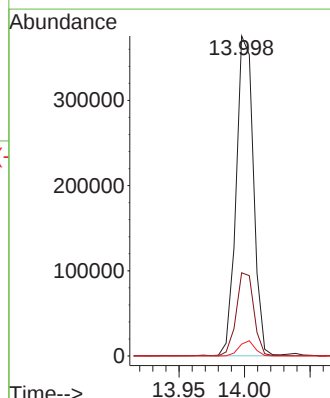
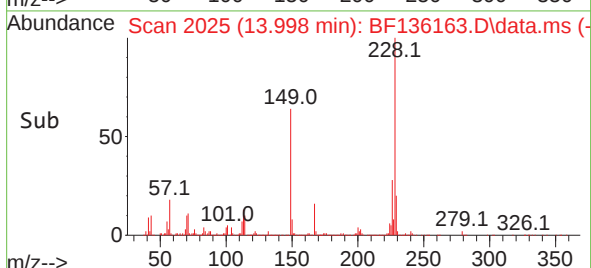
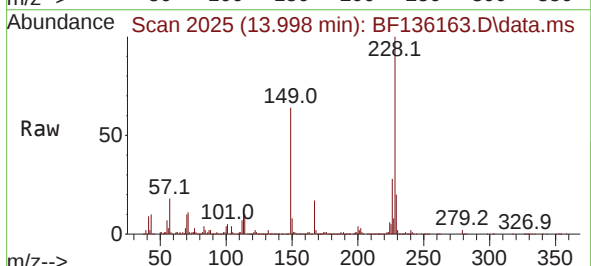
Tgt Ion:149 Resp: 345743

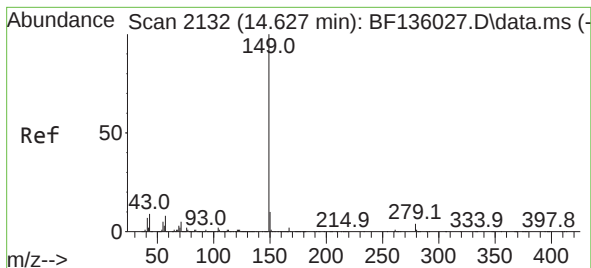
Ion Ratio Lower Upper

149 100

167 26.0 22.6 33.8

279 3.7 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 65.181 ng

RT: 14.621 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:149 Resp: 614219

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

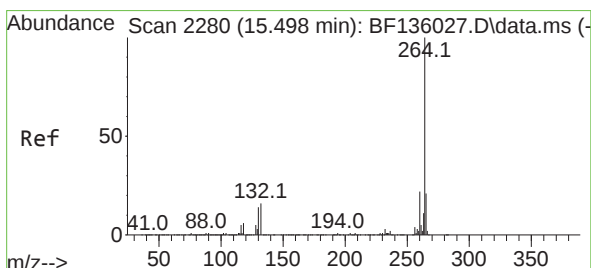
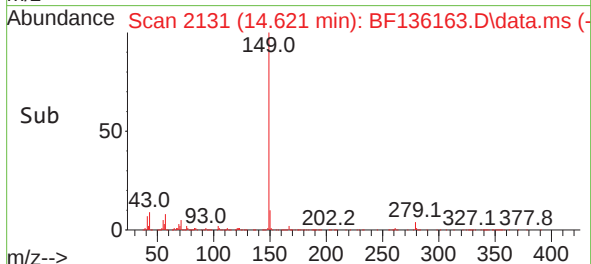
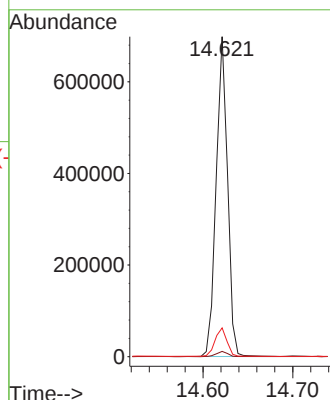
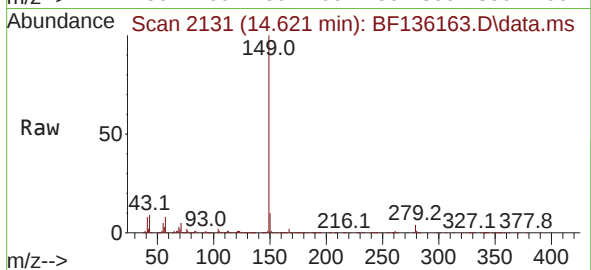
43 9.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

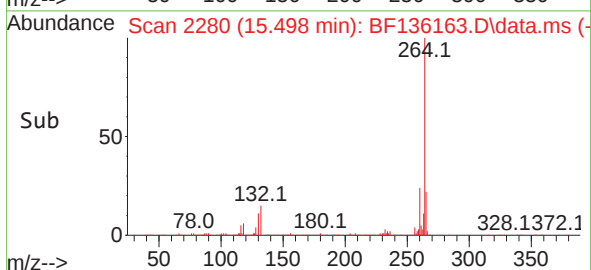
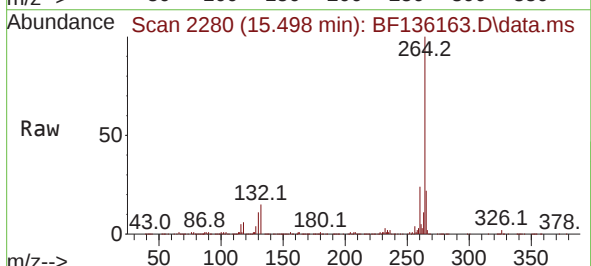
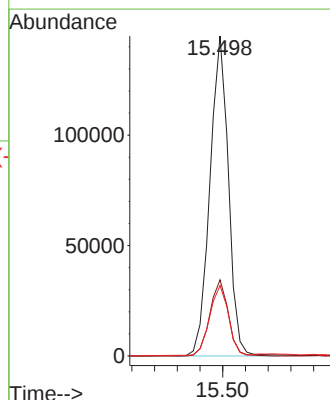
Tgt Ion:264 Resp: 163710

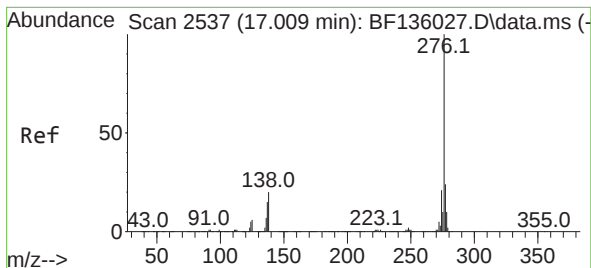
Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 22.0 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.319 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

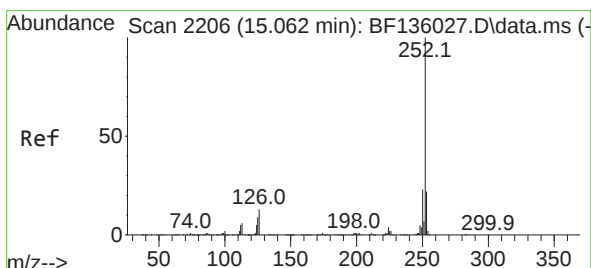
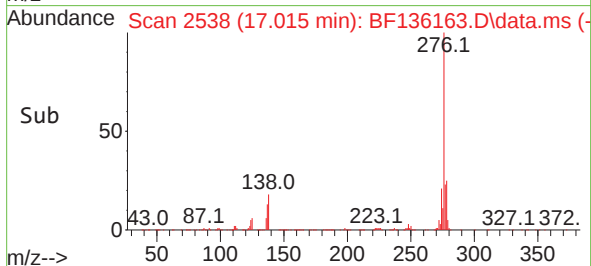
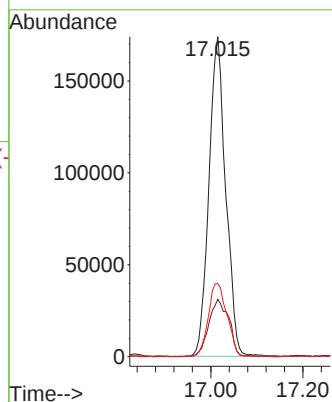
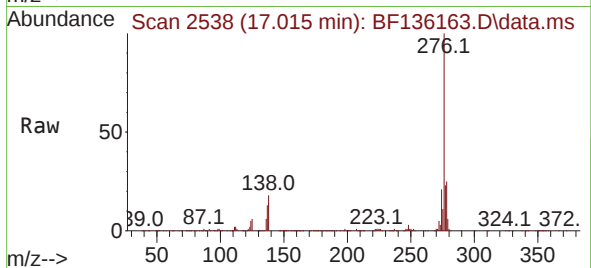
Tgt Ion:	276	Resp:	442094
Ion Ratio	Lower	Upper	
276	100		
138	21.3	20.4	30.6
277	25.6	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#88

Benzo(b)fluoranthene

Concen: 65.966 ng

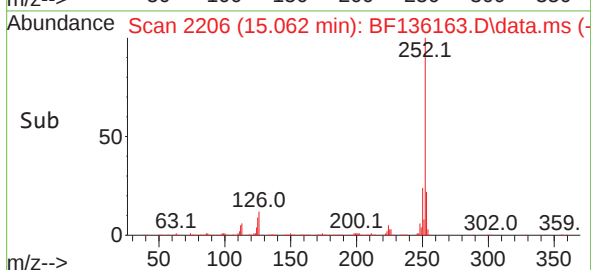
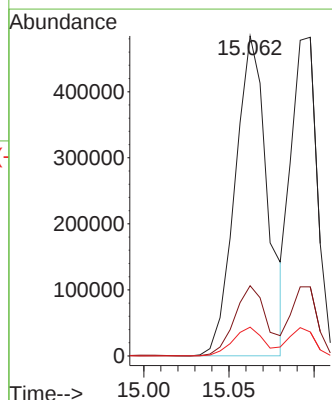
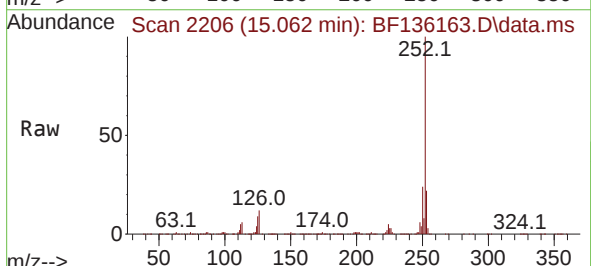
RT: 15.062 min Scan# 2206

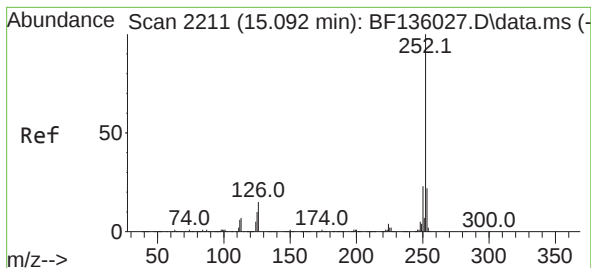
Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Tgt Ion:	252	Resp:	639012
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	9.0	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 53.314 ng m

RT: 15.098 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tgt Ion:252 Resp: 51100

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

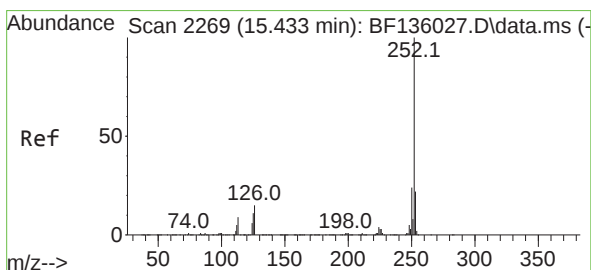
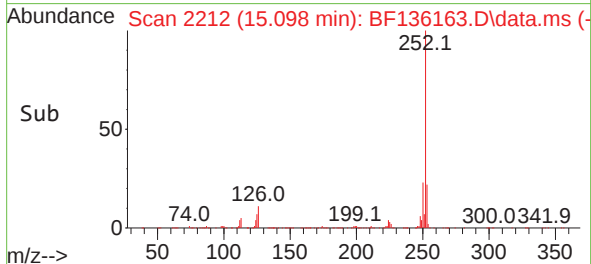
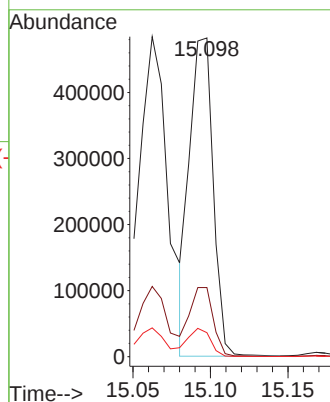
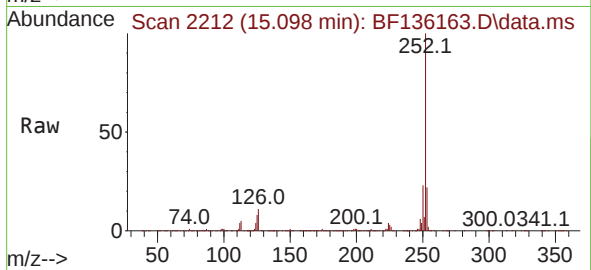
125 7.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023



#90

Benzo(a)pyrene

Concen: 53.865 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF136163.D

Acq: 06 Nov 2023 19:29

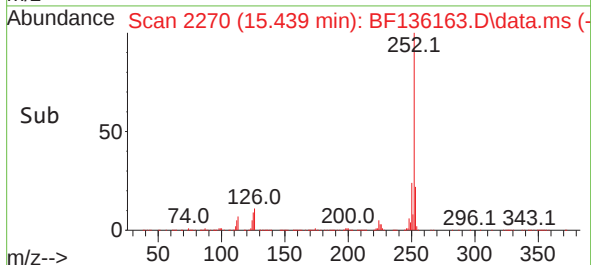
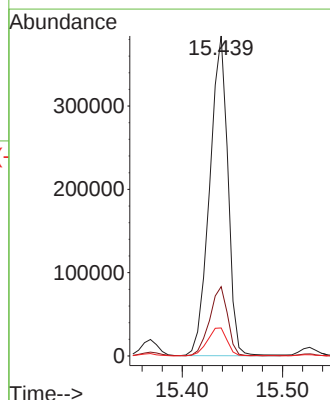
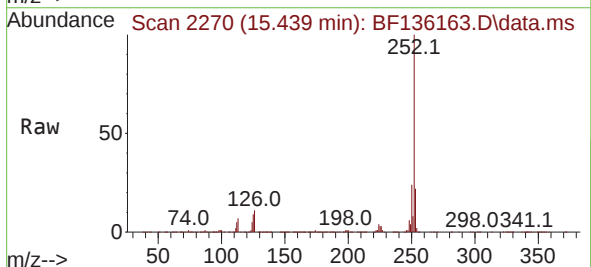
Tgt Ion:252 Resp: 484824

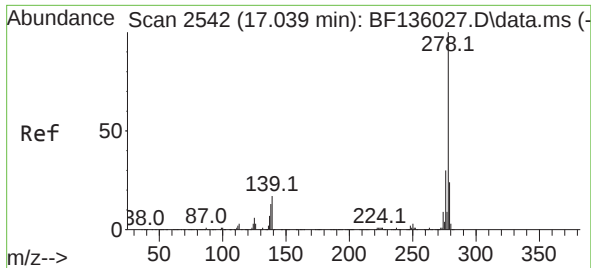
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.8 9.0 13.6





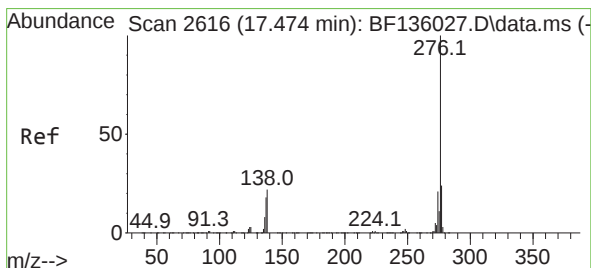
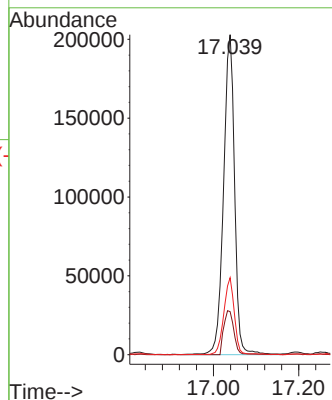
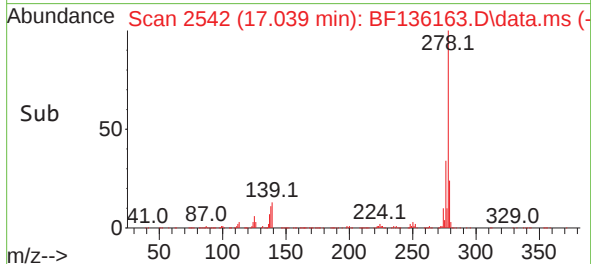
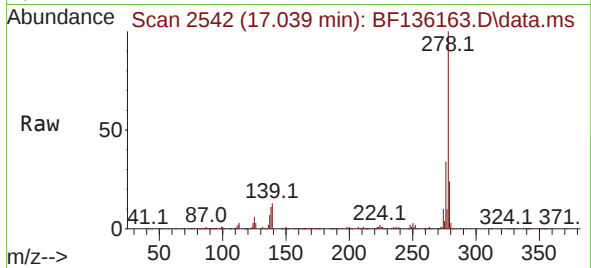
#91
Dibenzo(a,h)anthracene
Concen: 41.681 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tgt Ion:278 Resp: 365302
Ion Ratio Lower Upper
278 100
139 13.5 13.7 20.5
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



#92
Benzo(g,h,i)perylene
Concen: 34.451 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136163.D
Acq: 06 Nov 2023 19:29

Tgt Ion:276 Resp: 335081
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 18.3 17.4 26.2

