

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135840.D
 Acq On : 18 Oct 2023 11:28
 Operator : CG\JU
 Sample : PB156392BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 19 01:18:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	90089	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	365549	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	183797	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	335634	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	194205	20.000	ng	0.00
86) Perylene-d12	15.421	264	156965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	821350	146.580	ng	0.01
7) Phenol-d6	6.404	99	864715	123.680	ng	0.00
23) Nitrobenzene-d5	7.316	82	602966	90.720	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	240199	136.192	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	983792	83.688	ng	0.00
79) Terphenyl-d14	12.875	244	1090547	103.993	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.505	88	112109	41.479	ng	99
3) Pyridine	3.275	79	229884	34.665	ng	97
4) n-Nitrosodimethylamine	3.222	42	172594	48.397	ng	96
6) Aniline	6.410	93	271406	30.847	ng	# 83
8) 2-Chlorophenol	6.534	128	272065	45.025	ng	99
9) Benzaldehyde	6.304	77	48150	12.100	ng	97
10) Phenol	6.416	94	320998	43.817	ng	# 80
11) bis(2-Chloroethyl)ether	6.481	93	252580	42.790	ng	97
12) 1,3-Dichlorobenzene	6.681	146	273874	44.707	ng	98
13) 1,4-Dichlorobenzene	6.757	146	280492	45.199	ng	99
14) 1,2-Dichlorobenzene	6.910	146	262895	47.049	ng	96
15) Benzyl Alcohol	6.898	79	219269	47.168	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	457925	42.894	ng	62
17) 2-Methylphenol	7.016	107	216641	41.415	ng	96
18) Hexachloroethane	7.240	117	110912	49.293	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	190064	43.966	ng	99
20) 3+4-Methylphenols	7.169	107	297080	45.556	ng	94
22) Acetophenone	7.157	105	389265	46.432	ng	# 97
24) Nitrobenzene	7.334	77	307755	46.136	ng	98
25) Isophorone	7.569	82	553372	44.132	ng	97
26) 2-Nitrophenol	7.645	139	159800	49.089	ng	97
27) 2,4-Dimethylphenol	7.693	122	229990	42.916	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	336018	44.998	ng	98
29) 2,4-Dichlorophenol	7.898	162	243634	48.513	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	250312	48.732	ng	99
31) Naphthalene	8.045	128	797997	44.756	ng	98
32) Benzoic acid	7.857	122	175718	48.440	ng	97
33) 4-Chloroaniline	8.104	127	166271	21.348	ng	98
34) Hexachlorobutadiene	8.151	225	141937	46.684	ng	98
35) Caprolactam	8.492	113	83554m	48.667	ng	
36) 4-Chloro-3-methylphenol	8.604	107	255412	45.860	ng	98
37) 2-Methylnaphthalene	8.734	142	507119	43.169	ng	98
38) 1-Methylnaphthalene	8.834	142	490162	45.239	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	253655	47.977	ng	99
41) Hexachlorocyclopentadiene	8.881	237	90375	81.375	ng	96
43) 2,4,6-Trichlorophenol	9.028	196	154606	45.379	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135840.D
 Acq On : 18 Oct 2023 11:28
 Operator : CG\JU
 Sample : PB156392BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 19 01:18:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

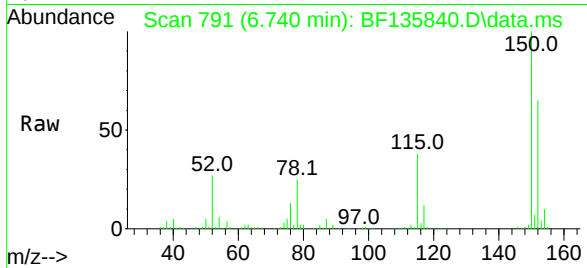
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	160169	40.420	ng	97
46) 1,1'-Biphenyl	9.204	154	599089	42.552	ng	99
47) 2-Chloronaphthalene	9.228	162	442674	43.627	ng	98
48) 2-Nitroaniline	9.339	65	170097	42.470	ng	95
49) Acenaphthylene	9.645	152	783794	46.677	ng	99
50) Dimethylphthalate	9.510	163	528871	42.625	ng	100
51) 2,6-Dinitrotoluene	9.587	165	122495	45.910	ng	# 83
52) Acenaphthene	9.816	154	466011	46.302	ng	100
53) 3-Nitroaniline	9.757	138	117943	36.059	ng	97
54) 2,4-Dinitrophenol	9.881	184	121144	108.769	ng	89
55) Dibenzofuran	9.992	168	699549	46.065	ng	98
56) 4-Nitrophenol	9.951	139	116491	77.888	ng	97
57) 2,4-Dinitrotoluene	9.998	165	166879	49.162	ng	# 86
58) Fluorene	10.334	166	562779	47.337	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.122	232	133618	44.619	ng	97
60) Diethylphthalate	10.216	149	559022	44.133	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	268737	46.769	ng	91
62) 4-Nitroaniline	10.381	138	136438	45.337	ng	97
63) Azobenzene	10.486	77	554352	45.046	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	87305	51.687	ng	97
66) n-Nitrosodiphenylamine	10.451	169	510655	49.917	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	156294	46.389	ng	98
68) Hexachlorobenzene	10.886	284	176153	51.354	ng	98
69) Atrazine	10.986	200	161525	58.049	ng	97
70) Pentachlorophenol	11.098	266	123295	91.135	ng	93
71) Phenanthrene	11.304	178	775457	48.230	ng	99
72) Anthracene	11.357	178	802122	48.144	ng	99
73) Carbazole	11.522	167	800772	51.534	ng	99
74) Di-n-butylphthalate	11.839	149	869765	45.590	ng	100
75) Fluoranthene	12.504	202	896907	50.261	ng	97
77) Benzidine	12.633	184	217374	51.295	ng	99
78) Pyrene	12.733	202	885922	57.406	ng	100
80) Butylbenzylphthalate	13.351	149	331113	48.825	ng	99
81) Benzo(a)anthracene	13.933	228	654453	51.305	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	158591	37.487	ng	97
83) Chrysene	13.974	228	590237	47.772	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	416999	45.369	ng	100
85) Di-n-octyl phthalate	14.533	149	613963	42.125	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	476605	55.726	ng	97
88) Benzo(b)fluoranthene	14.992	252	490641	55.851	ng	98
89) Benzo(k)fluoranthene	15.021	252	409598	48.026	ng	98
90) Benzo(a)pyrene	15.363	252	387699	46.933	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	384072	54.779	ng	100
92) Benzo(g,h,i)perylene	17.392	276	405770	56.341	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

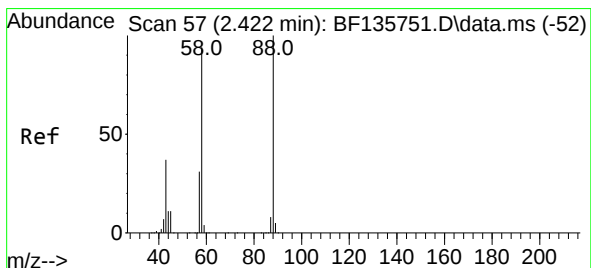
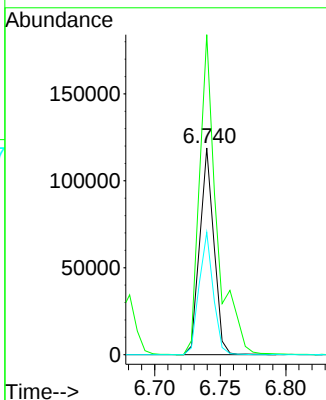
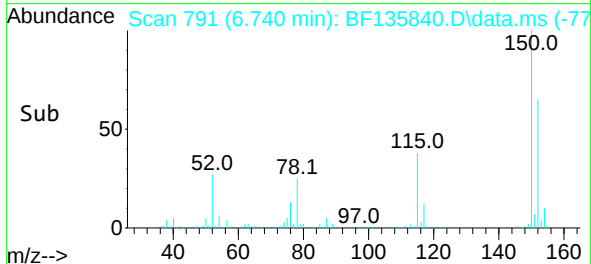
Instrument :
BNA_F
Client Sample Id :
PB156392BS



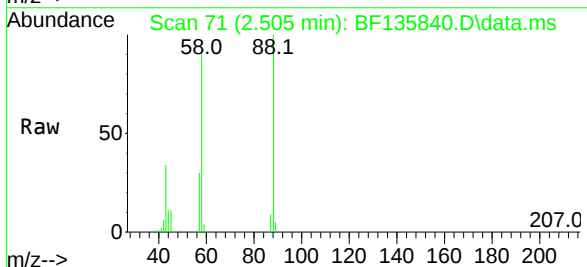
Tgt Ion: 152 Resp: 90089
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 59.2 49.0 73.4

Manual Integrations
APPROVED

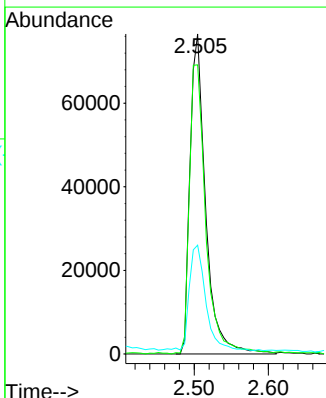
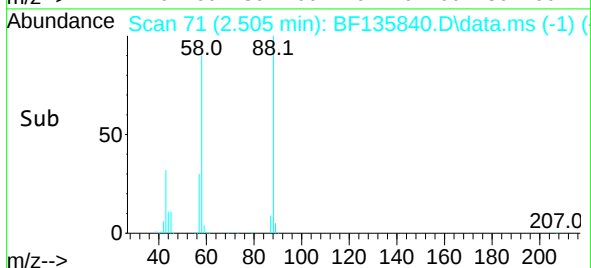
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

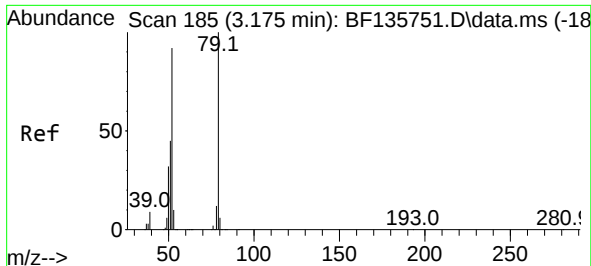


#2
1,4-Dioxane
Concen: 41.479 ng
RT: 2.505 min Scan# 71
Delta R.T. 0.065 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



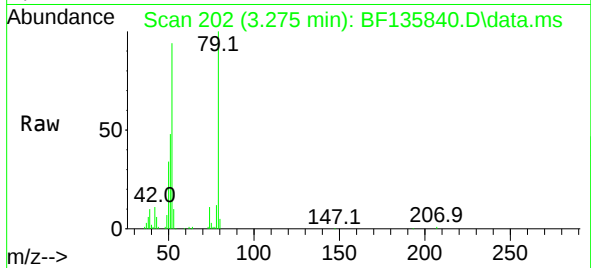
Tgt Ion: 88 Resp: 112109
Ion Ratio Lower Upper
88 100
58 95.0 76.1 114.1
43 34.7 29.8 44.8





#3
Pyridine
Concen: 34.665 ng
RT: 3.275 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

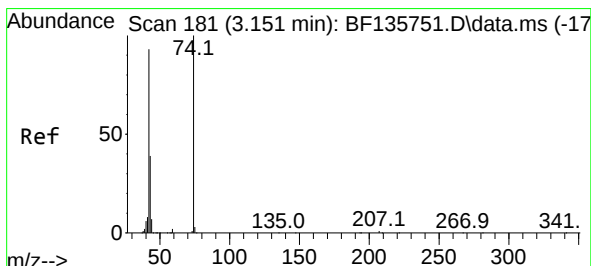
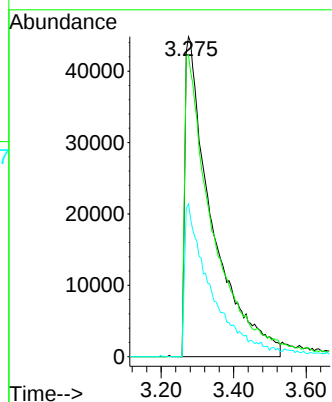
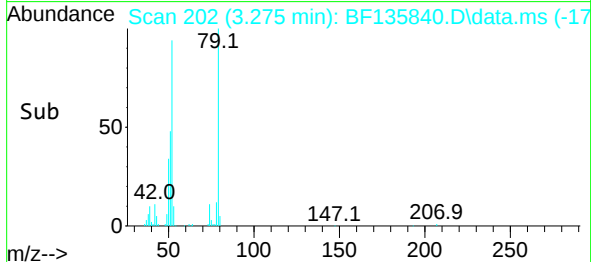
Instrument :
BNA_F
ClientSampleId :
PB156392BS



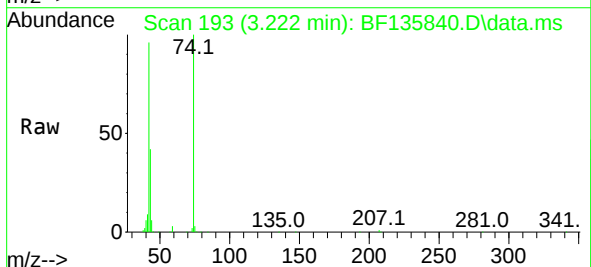
Tgt Ion: 79 Resp: 229884
Ion Ratio Lower Upper
79 100
52 94.2 73.4 110.2
51 47.8 36.5 54.7

Manual Integrations
APPROVED

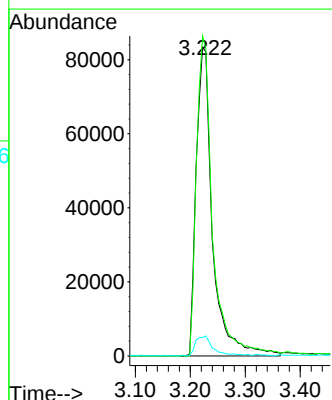
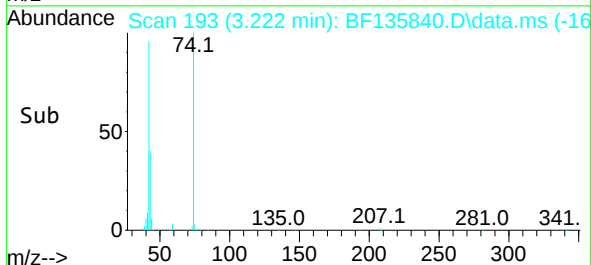
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

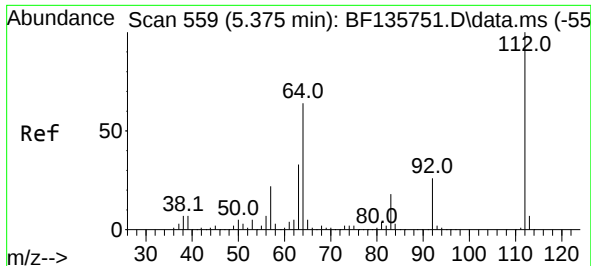


#4
n-Nitrosodimethylamine
Concen: 48.397 ng
RT: 3.222 min Scan# 193
Delta R.T. 0.053 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion: 42 Resp: 172594
Ion Ratio Lower Upper
42 100
74 103.7 86.5 129.7
44 6.0 5.9 8.9





#5
2-Fluorophenol
Concen: 146.580 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

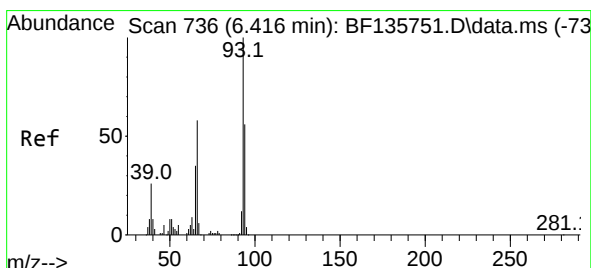
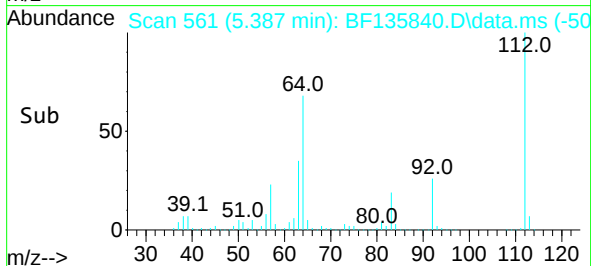
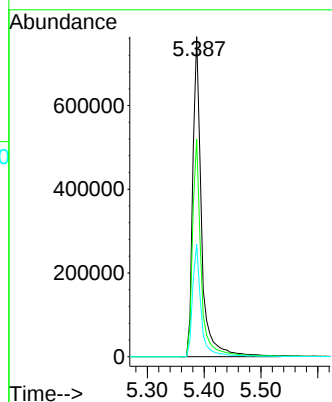
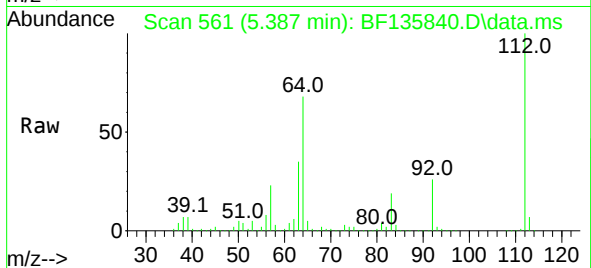
PB156392BS

Tgt Ion:112 Resp: 821350
Ion Ratio Lower Upper
112 100
64 68.0 51.2 76.8
63 35.2 26.1 39.1

Manual Integrations

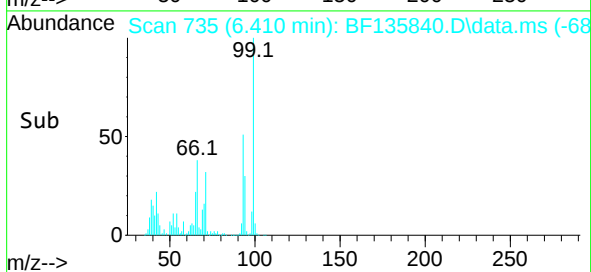
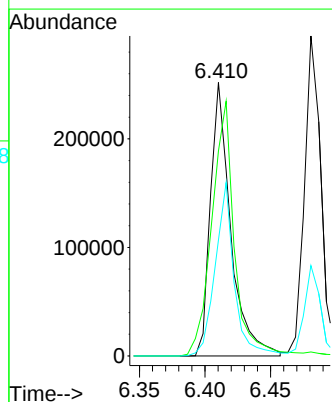
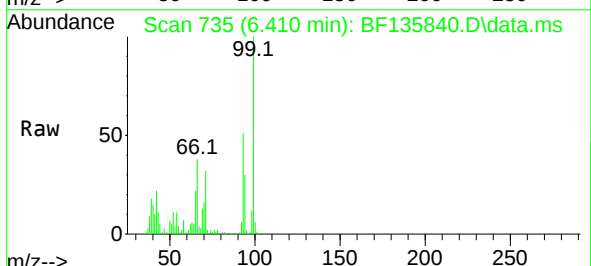
APPROVED

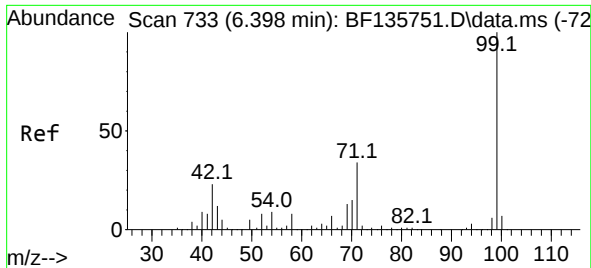
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#6
Aniline
Concen: 30.847 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion: 93 Resp: 271406
Ion Ratio Lower Upper
93 100
66 75.0 47.6 71.4#
65 42.4 28.5 42.7





#7

Phenol-d6

Concen: 123.680 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

Tgt Ion: 99 Resp: 86471

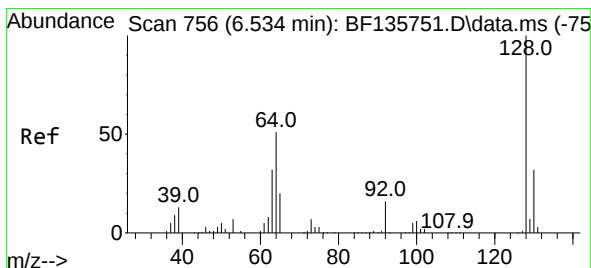
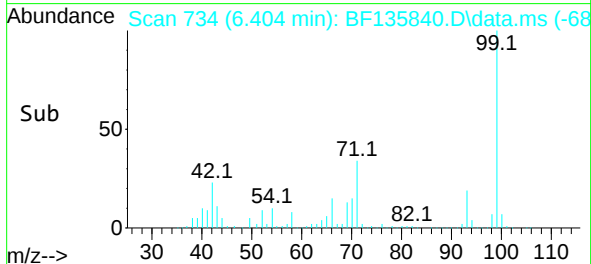
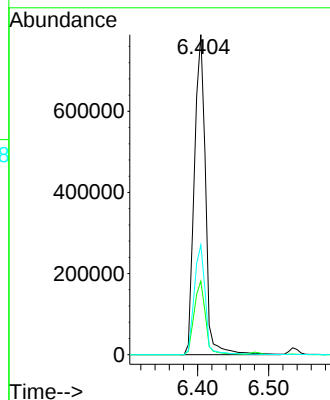
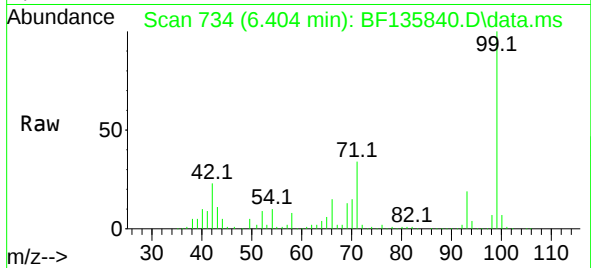
Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.4	27.6
71	34.3	27.2	40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#8

2-Chlorophenol

Concen: 45.025 ng

RT: 6.534 min Scan# 756

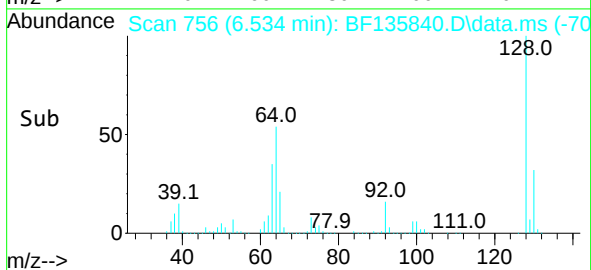
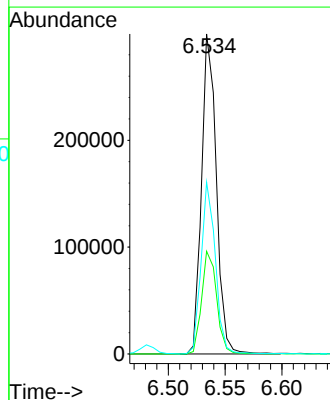
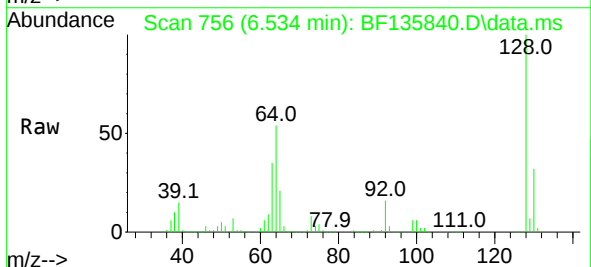
Delta R.T. 0.000 min

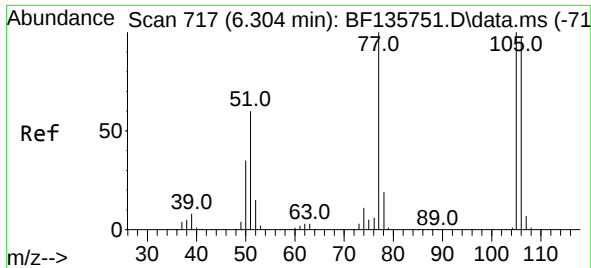
Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Tgt Ion:128 Resp: 272065

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.4	52.4
64	53.7	32.3	72.3





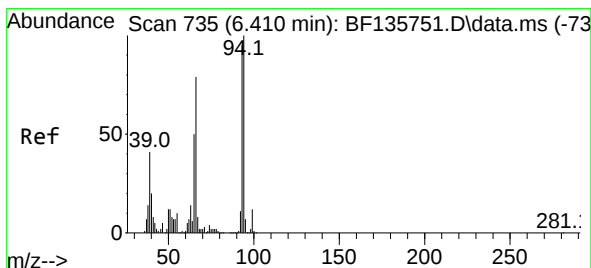
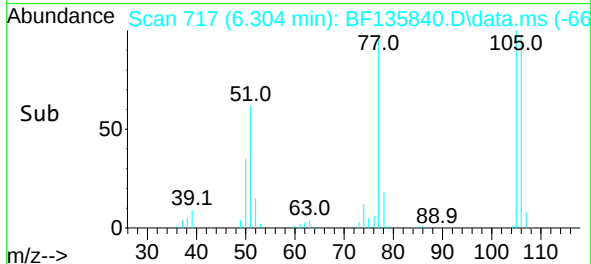
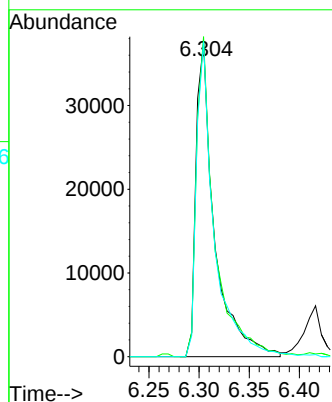
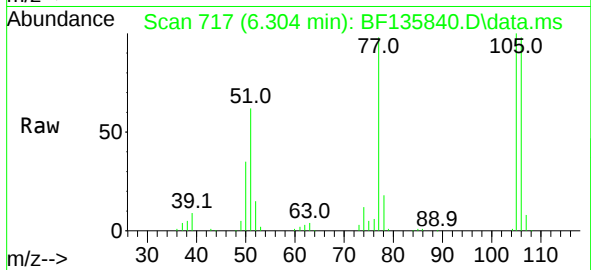
#9
Benzaldehyde
Concen: 12.100 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :
BNA_F
ClientSampleId :
PB156392BS

Tgt Ion: 77 Resp: 48150
Ion Ratio Lower Upper
77 100
105 102.0 79.9 119.9
106 100.4 77.1 117.1

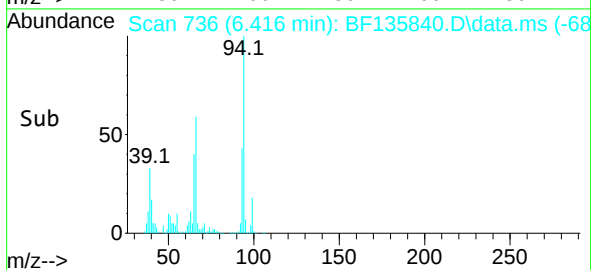
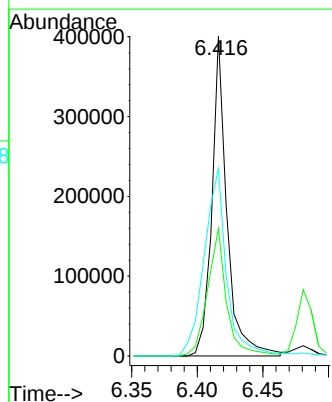
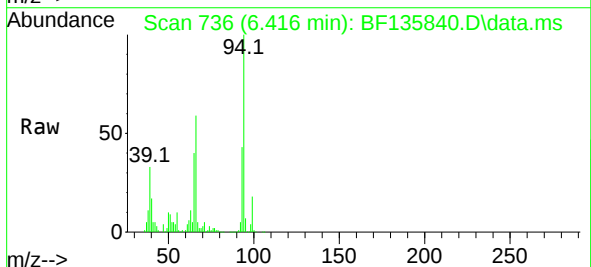
Manual Integrations
APPROVED

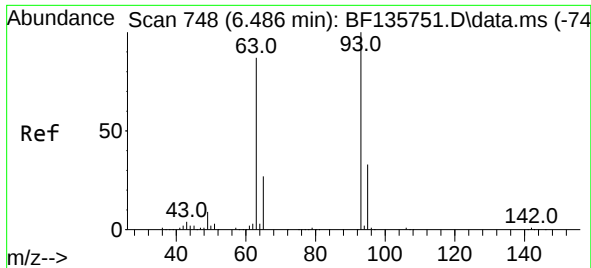
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#10
Phenol
Concen: 43.817 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion: 94 Resp: 320998
Ion Ratio Lower Upper
94 100
65 39.8 30.3 70.3
66 58.5 59.1 99.1#





#11

bis(2-Chloroethyl)ether

Concen: 42.790 ng

RT: 6.481 min Scan# 748

Delta R.T. -0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

Tgt Ion: 93 Resp: 252580

Ion Ratio Lower Upper

93 100

63 89.9 66.3 106.3

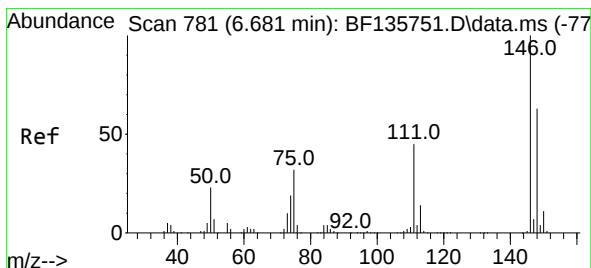
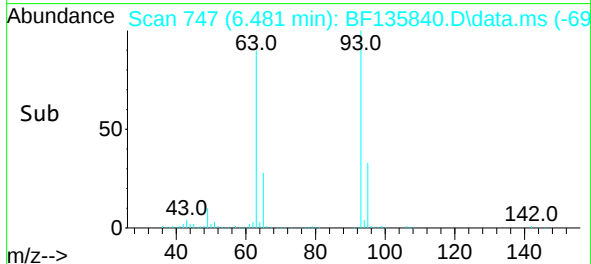
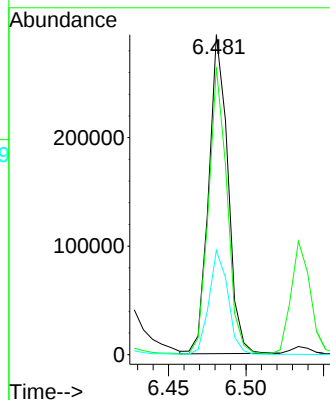
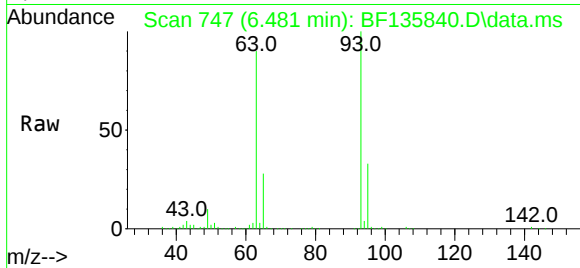
95 32.6 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#12

1,3-Dichlorobenzene

Concen: 44.707 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

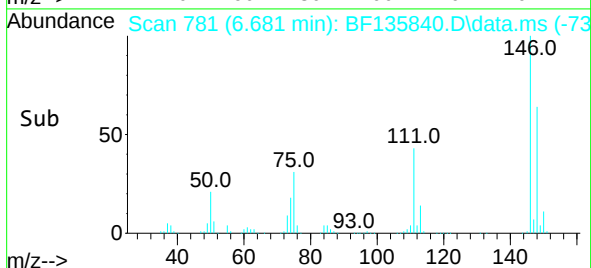
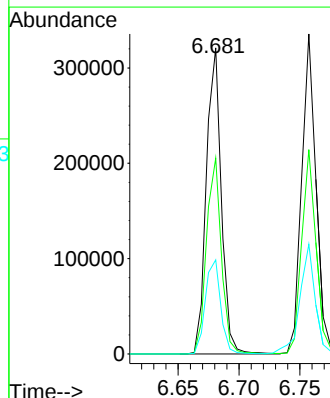
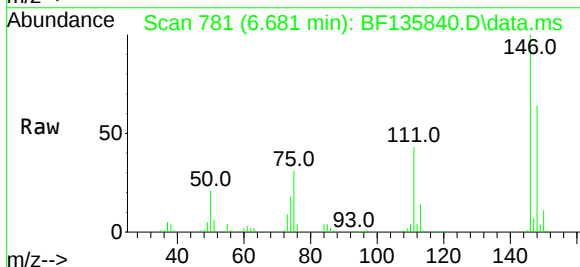
Tgt Ion:146 Resp: 273874

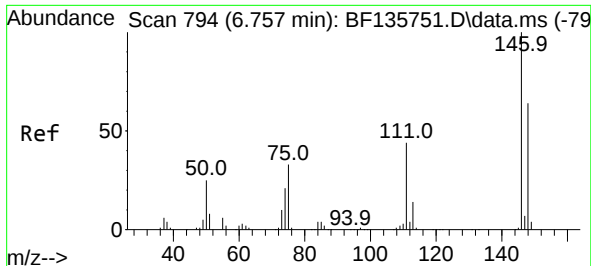
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 45.199 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

Tgt Ion:146 Resp: 280492

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

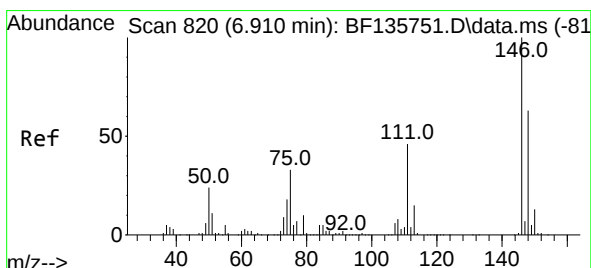
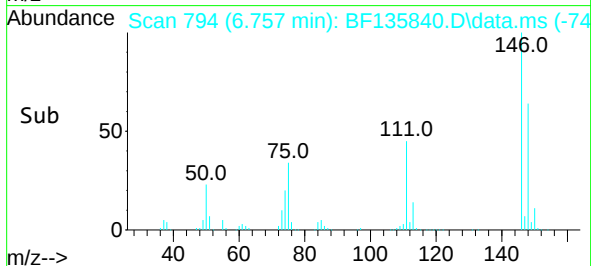
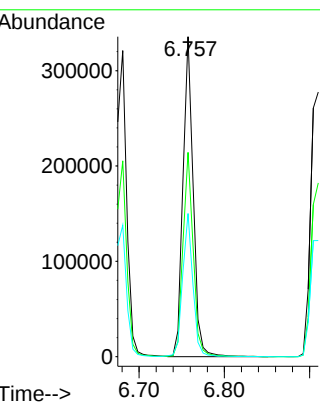
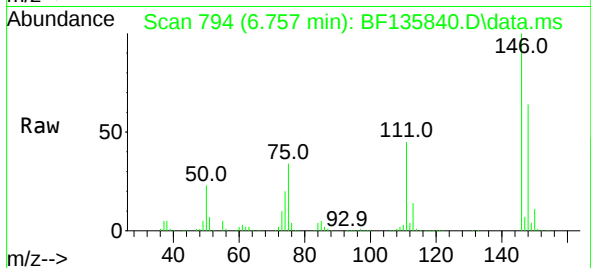
111 44.7 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#14

1,2-Dichlorobenzene

Concen: 47.049 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

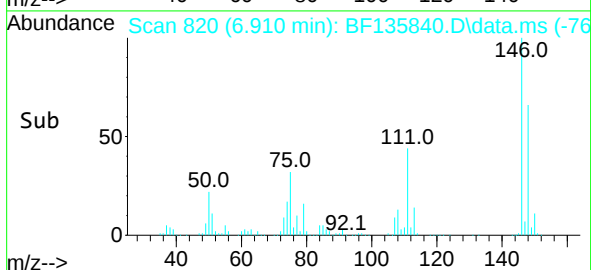
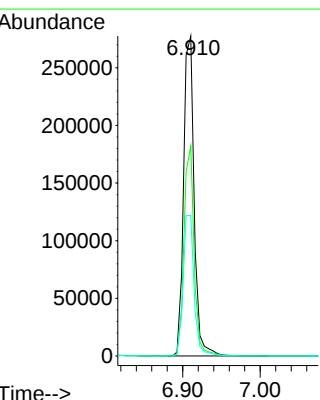
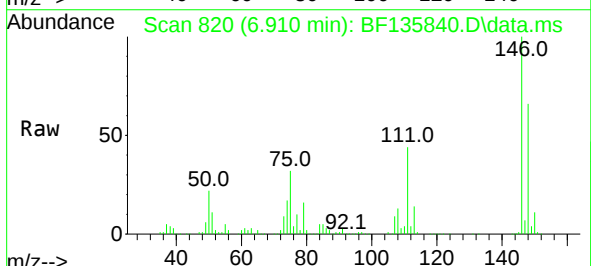
Tgt Ion:146 Resp: 262895

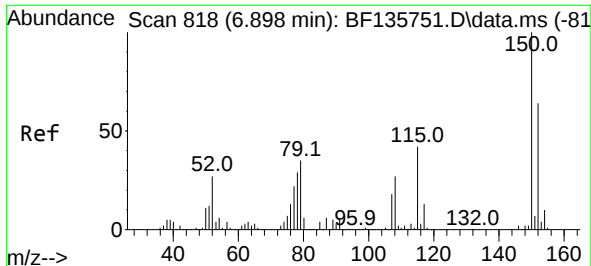
Ion Ratio Lower Upper

146 100

148 65.6 50.2 75.2

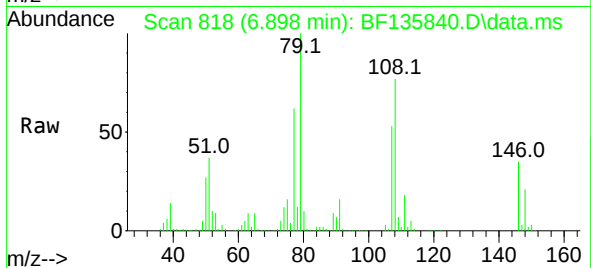
111 43.9 37.1 55.7





#15
Benzyl Alcohol
Concen: 47.168 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

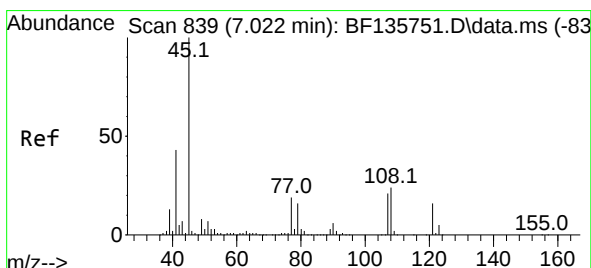
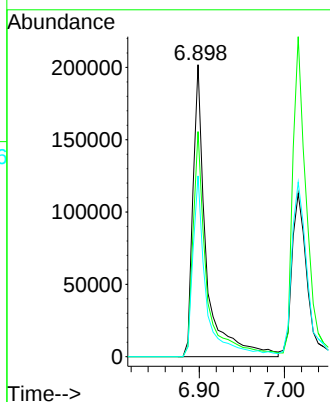
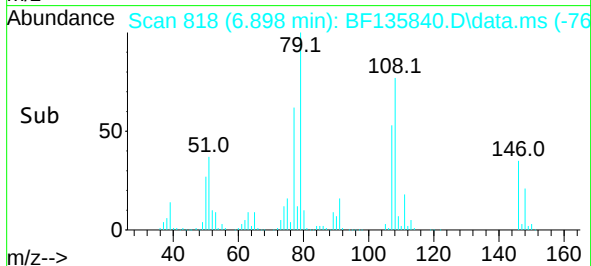
Instrument :
BNA_F
ClientSampleId :
PB156392BS



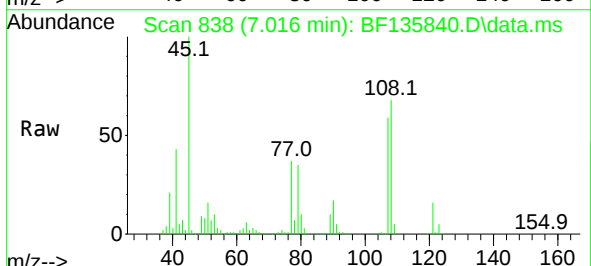
Tgt Ion: 79 Resp: 219269
Ion Ratio Lower Upper
79 100
108 77.1 62.0 93.0
77 61.9 50.5 75.7

Manual Integrations
APPROVED

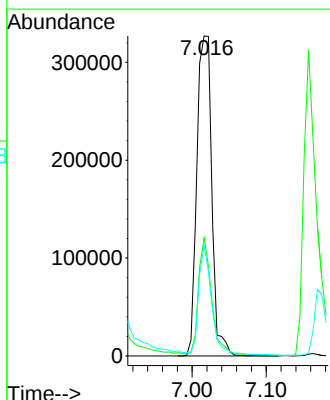
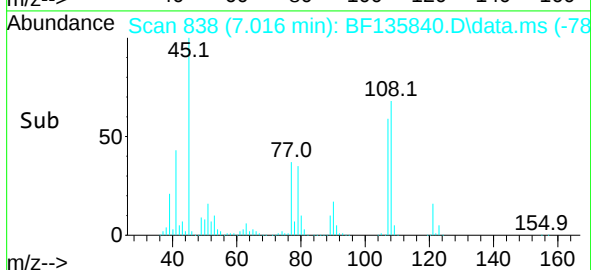
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

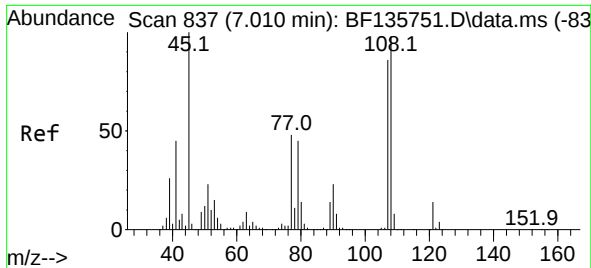


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.894 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion: 45 Resp: 457925
Ion Ratio Lower Upper
45 100
77 36.9 0.0 39.8
79 34.6 0.0 37.6





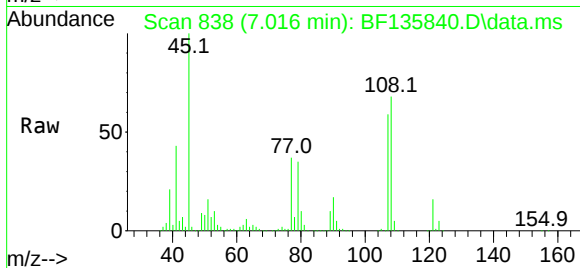
#17
2-Methylphenol
Concen: 41.415 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

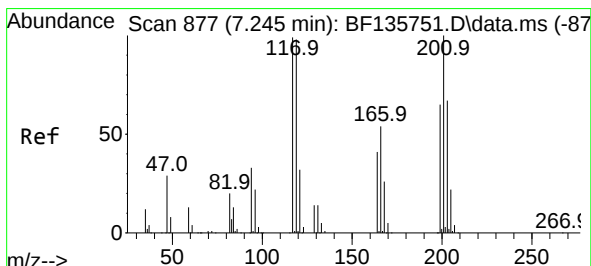
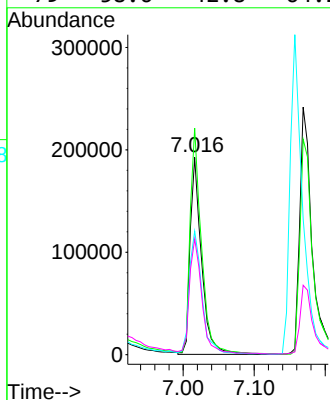
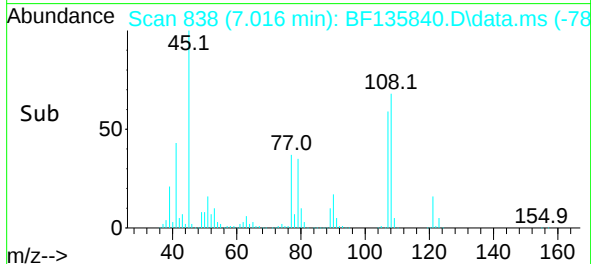


Tgt Ion:107 Resp: 21664
Ion Ratio Lower Upper
107 100
108 114.8 91.8 137.6
77 62.6 45.4 68.0
79 58.6 42.8 64.2

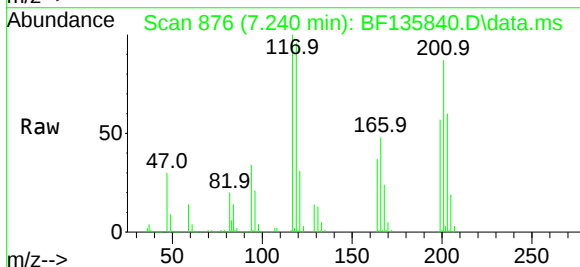
Manual Integrations

APPROVED

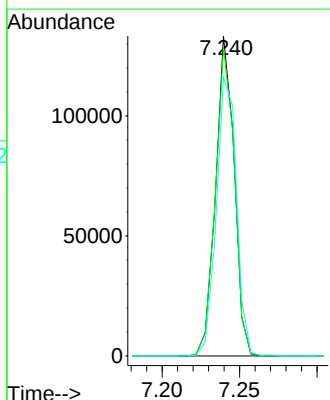
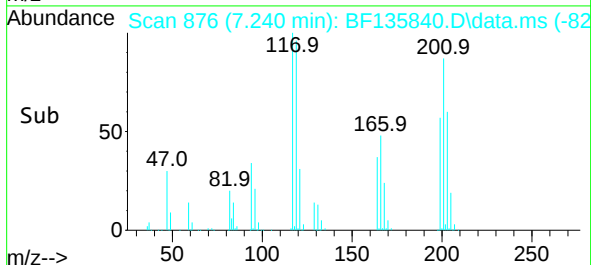
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

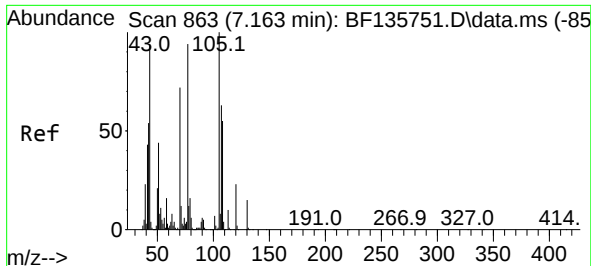


#18
Hexachloroethane
Concen: 49.293 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



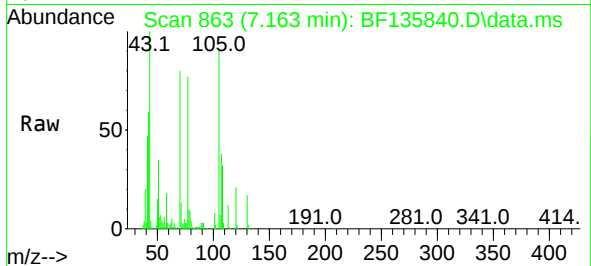
Tgt Ion:117 Resp: 110912
Ion Ratio Lower Upper
117 100
119 96.2 79.5 119.3
201 87.1 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 43.966 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

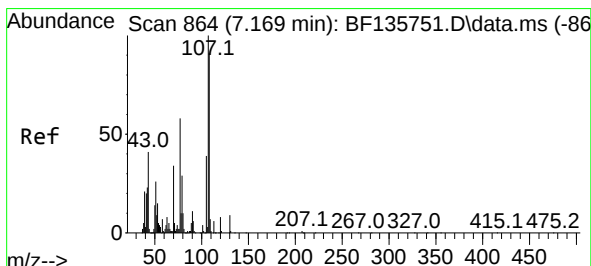
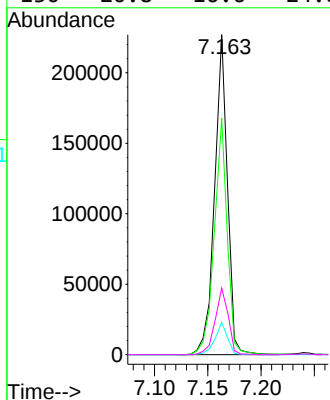
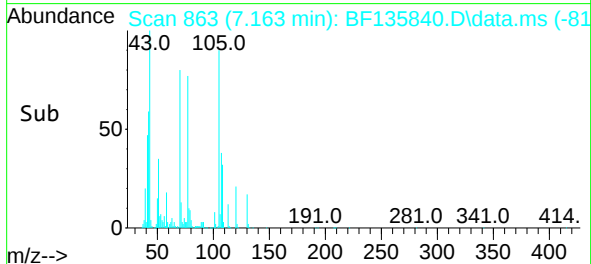
Instrument :
BNA_F
ClientSampleId :
PB156392BS



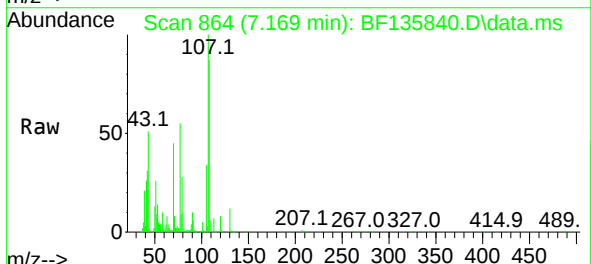
Tgt Ion: 70 Resp: 190064
Ion Ratio Lower Upper
70 100
42 73.9 59.8 89.6
101 10.1 7.4 11.2
130 20.8 16.6 24.8

Manual Integrations
APPROVED

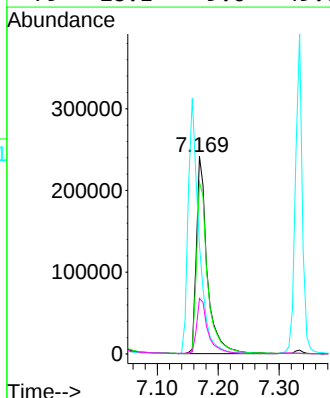
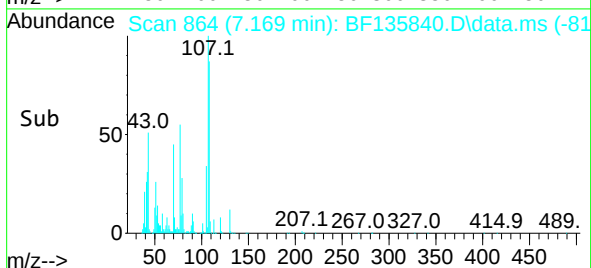
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

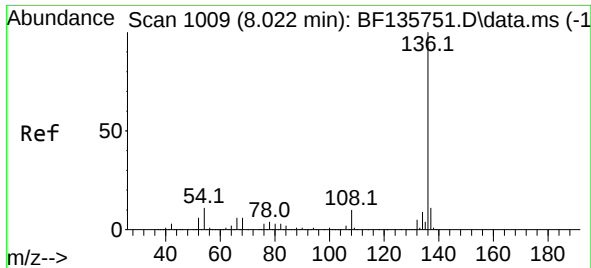


#20
3+4-Methylphenols
Concen: 45.556 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:107 Resp: 297080
Ion Ratio Lower Upper
107 100
108 87.0 71.1 111.1
77 54.9 42.0 82.0
79 28.1 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

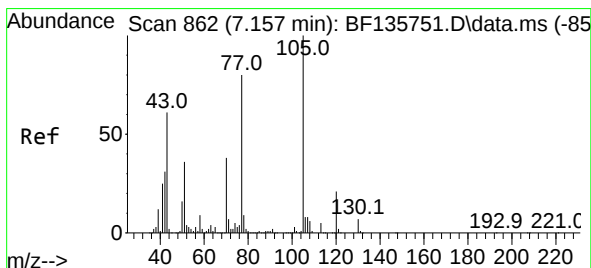
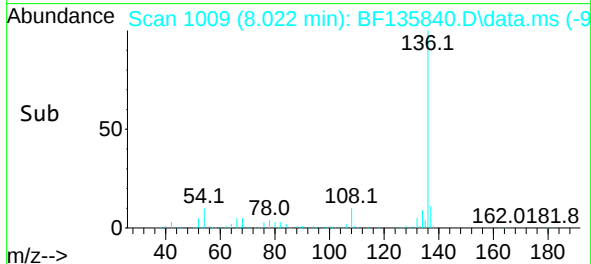
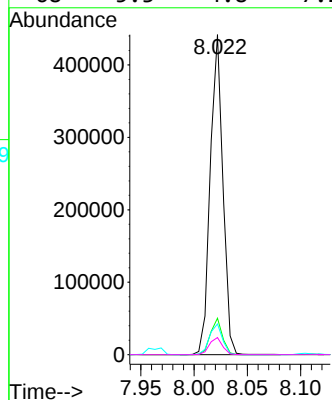
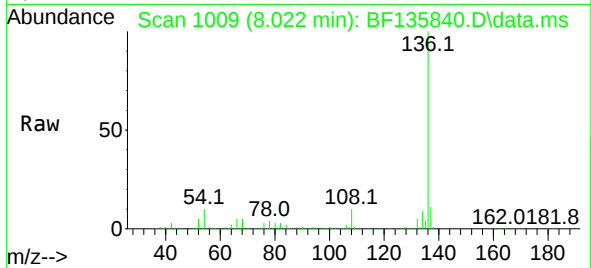
PB156392BS

Tgt Ion:136 Resp: 365549
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.6 8.5 12.7
68 5.3 4.8 7.2

Manual Integrations

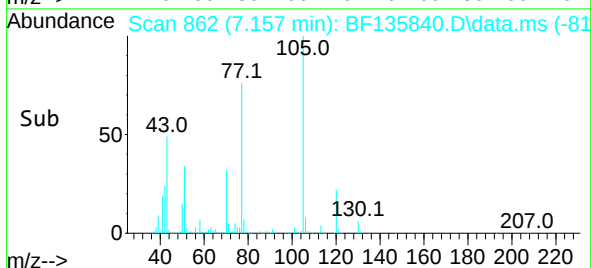
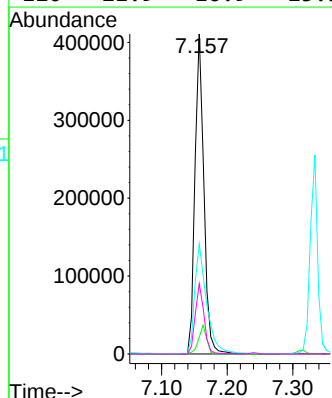
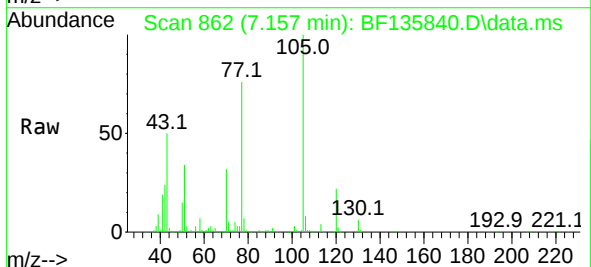
APPROVED

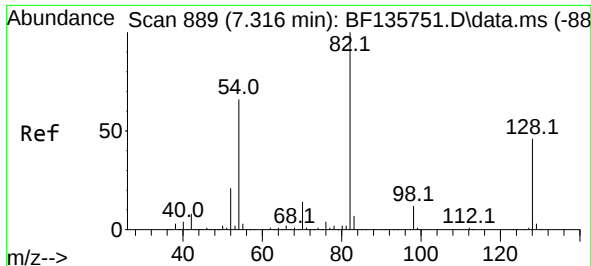
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#22
Acetophenone
Concen: 46.432 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:105 Resp: 389265
Ion Ratio Lower Upper
105 100
71 5.2 5.4 8.0#
51 34.4 29.4 44.0
120 21.9 16.9 25.3





#23

Nitrobenzene-d5

Concen: 90.720 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF135840.D

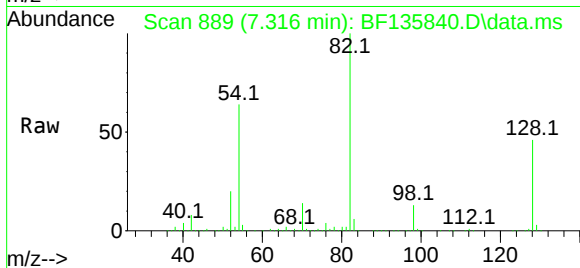
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



Tgt Ion: 82 Resp: 602960

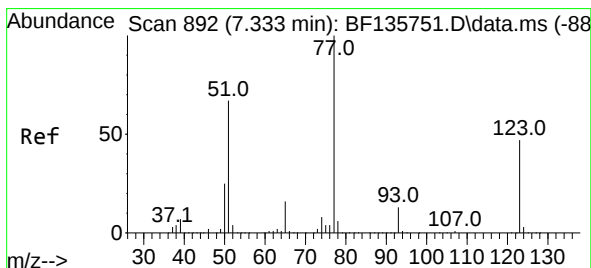
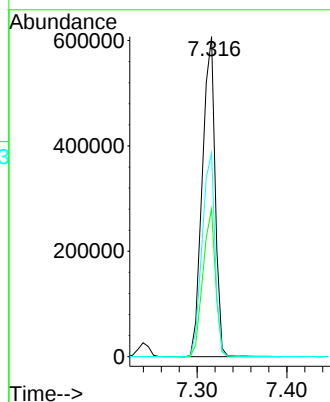
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.6
54	63.6	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#24

Nitrobenzene

Concen: 46.136 ng

RT: 7.334 min Scan# 892

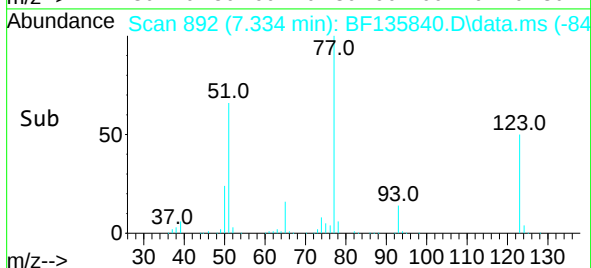
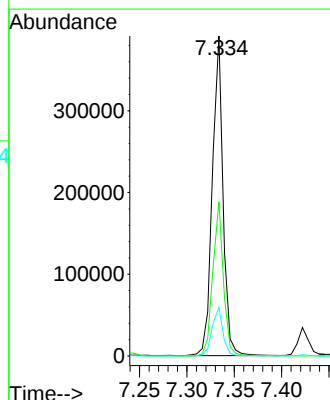
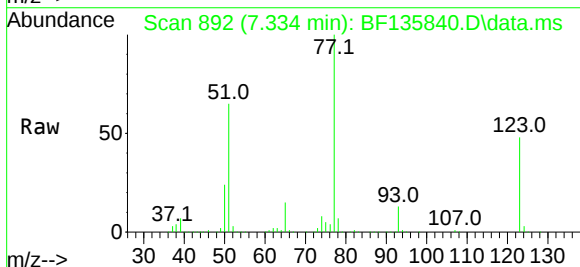
Delta R.T. 0.000 min

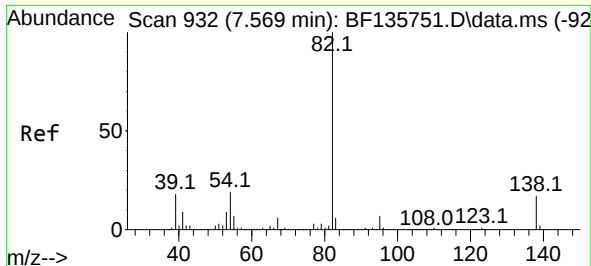
Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Tgt Ion: 77 Resp: 307755

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.3	55.9
65	15.2	12.6	18.8





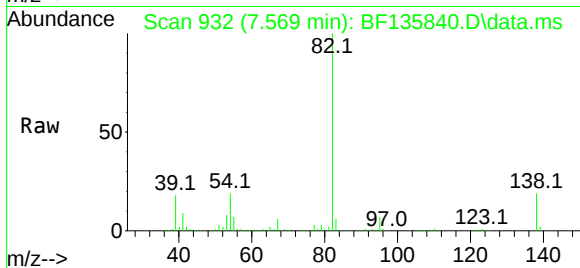
#25
Isophorone
Concen: 44.132 ng
RT: 7.569 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

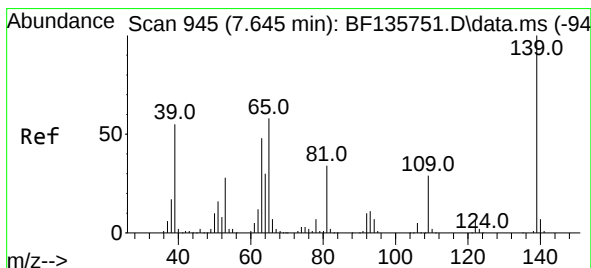
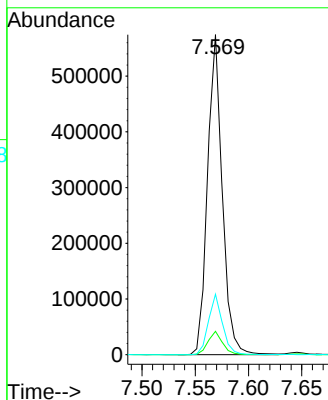
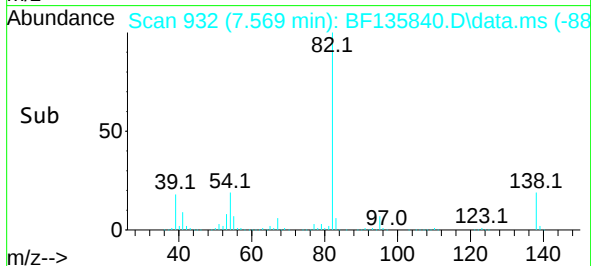


Tgt Ion: 82 Resp: 553372
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.9 13.9 20.9

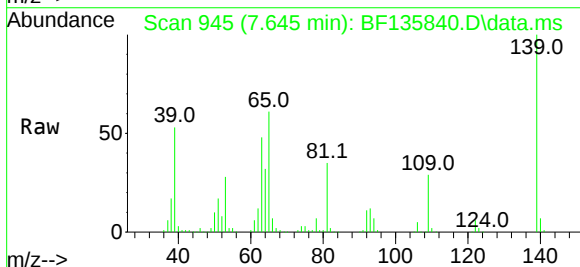
Manual Integrations

APPROVED

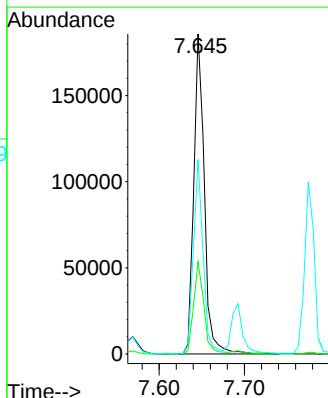
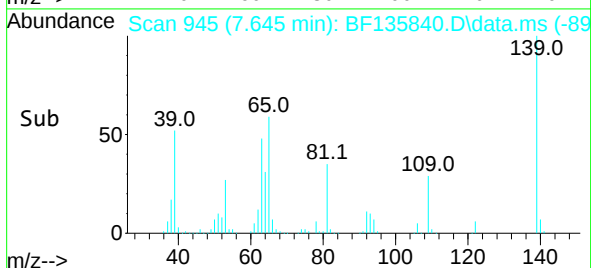
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

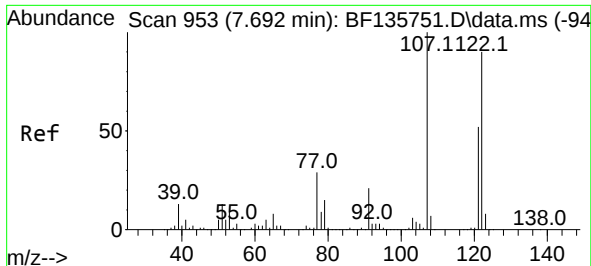


#26
2-Nitrophenol
Concen: 49.089 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:139 Resp: 159800
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.4
65 60.8 46.0 69.0





#27
2,4-Dimethylphenol
Concen: 42.916 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

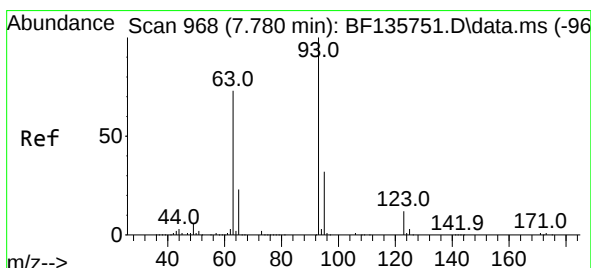
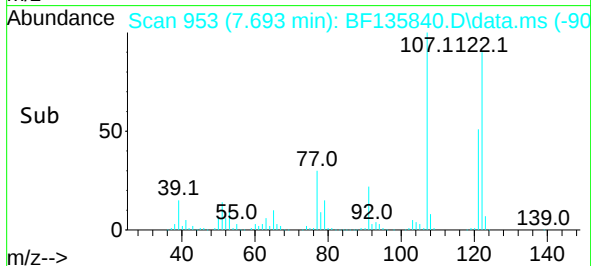
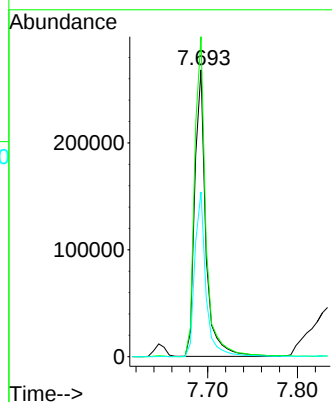
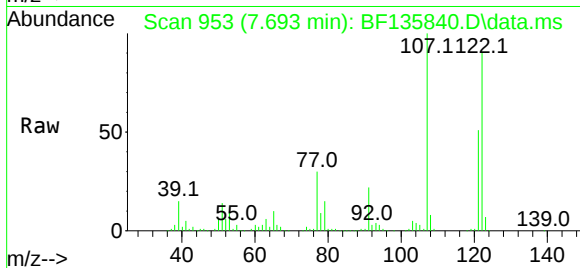
ClientSampleId :

PB156392BS

Tgt Ion:122 Resp: 229990
Ion Ratio Lower Upper
122 100
107 111.5 88.2 132.4
121 57.4 45.5 68.3

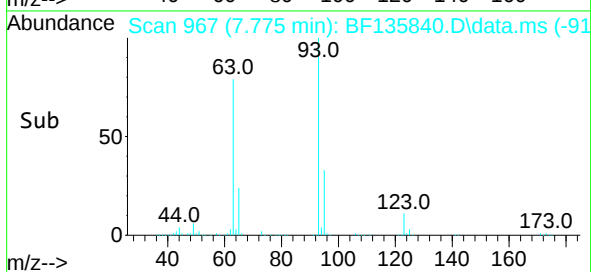
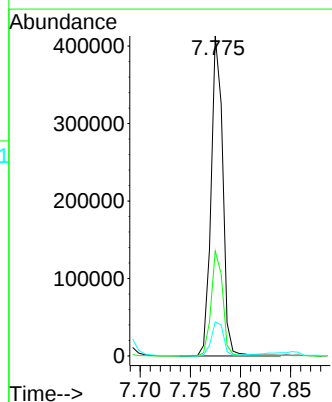
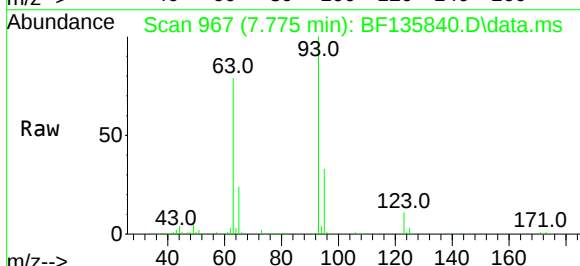
Manual Integrations
APPROVED

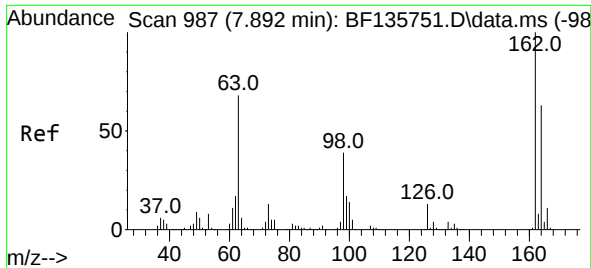
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.998 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion: 93 Resp: 336018
Ion Ratio Lower Upper
93 100
95 32.8 25.7 38.5
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.513 ng

RT: 7.898 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

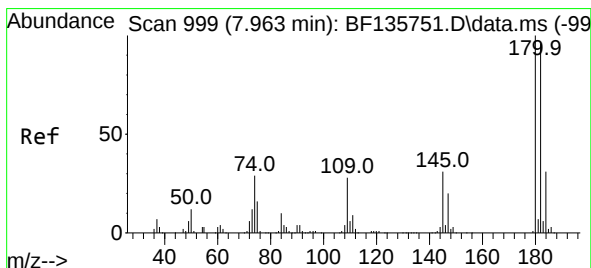
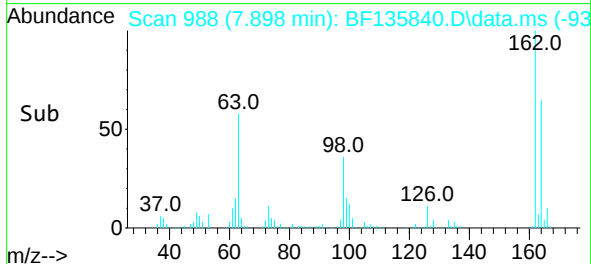
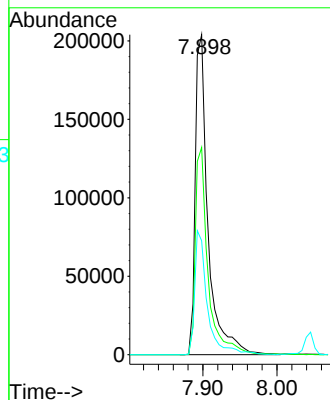
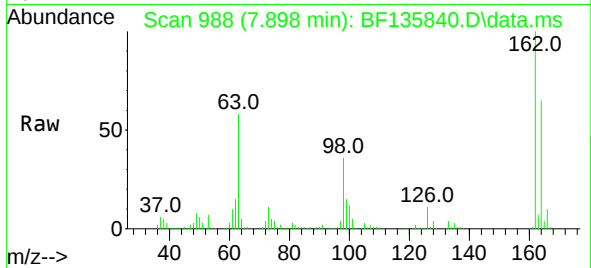
PB156392BS

Tgt Ion:162 Resp: 243634
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.4 83.4
 98 35.6 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.732 ng

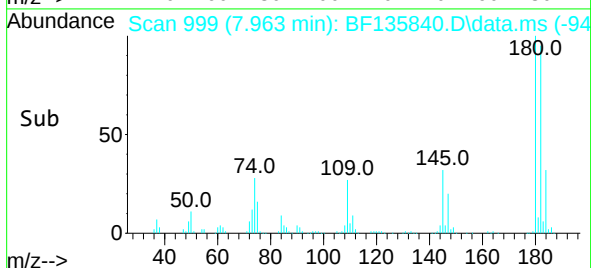
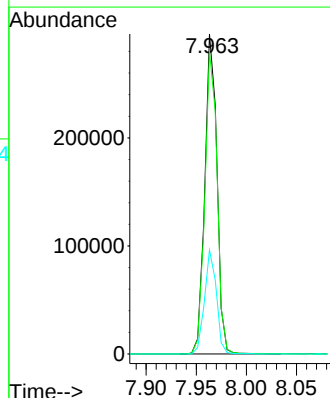
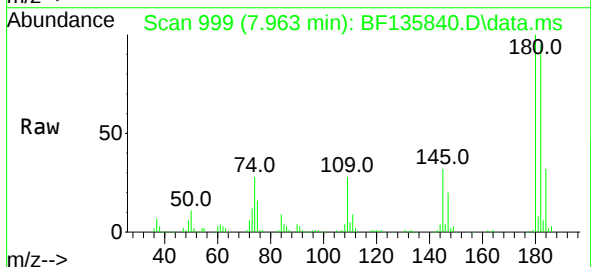
RT: 7.963 min Scan# 999

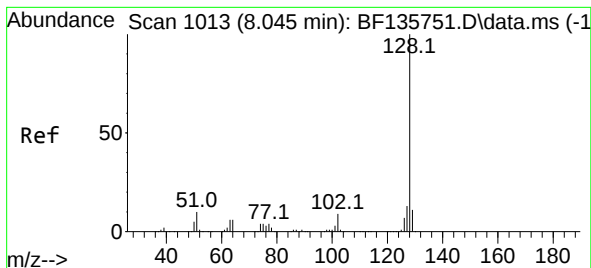
Delta R.T. -0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Tgt Ion:180 Resp: 250312
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 145 32.5 25.0 37.6





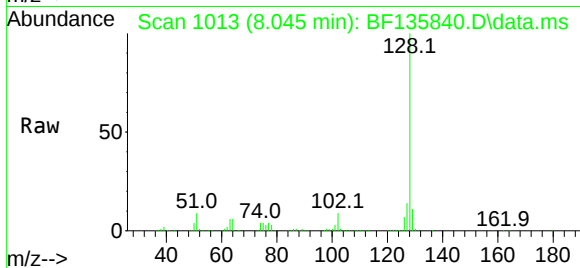
#31
Naphthalene
Concen: 44.756 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



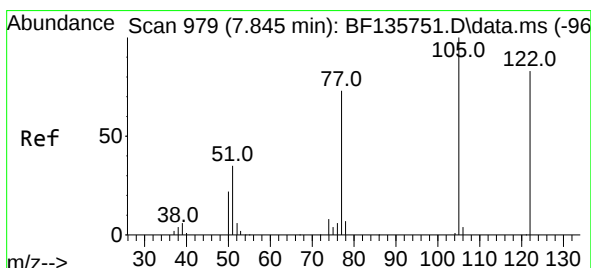
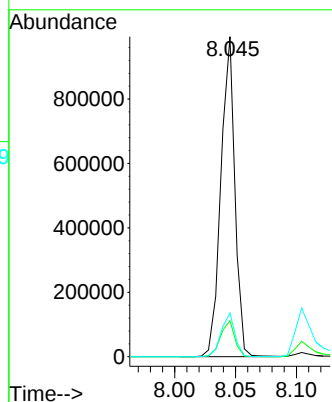
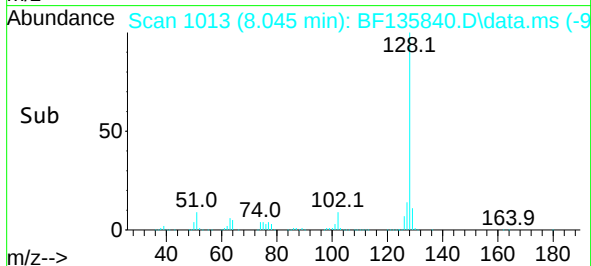
Tgt Ion:128 Resp: 79799
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.7 10.2 15.4

Manual Integrations

APPROVED

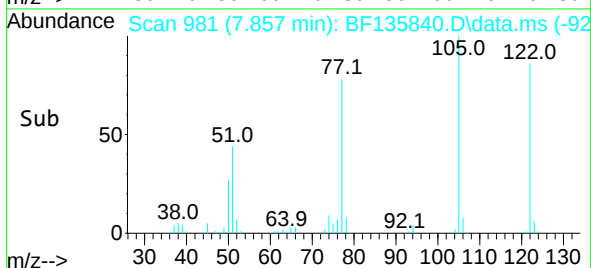
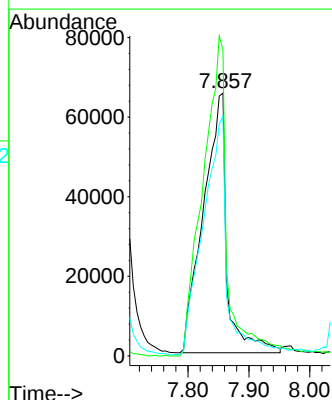
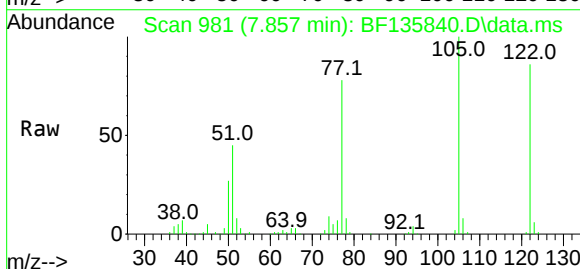
Reviewed By :Yogesh Patel 10/19/2023

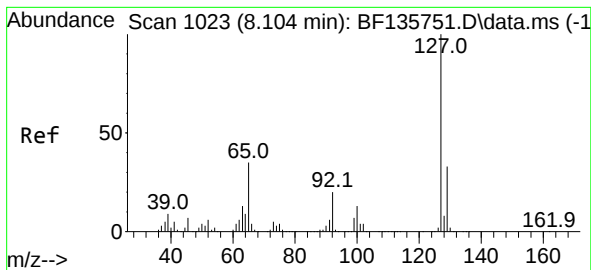
Supervised By :mohammad ahmed 10/20/2023



#32
Benzoic acid
Concen: 48.440 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:122 Resp: 175718
Ion Ratio Lower Upper
122 100
105 116.5 98.7 138.7
77 91.2 67.8 107.8





#33
4-Chloroaniline
Concen: 21.348 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

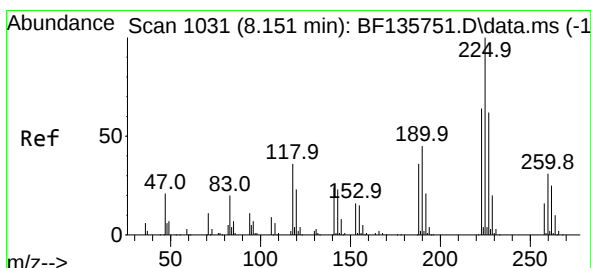
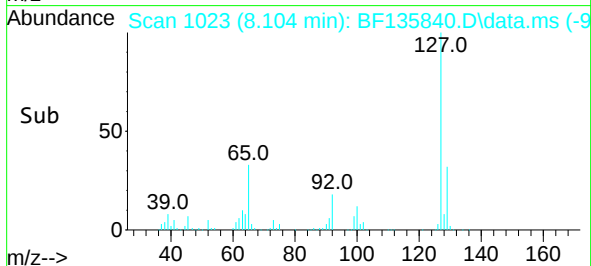
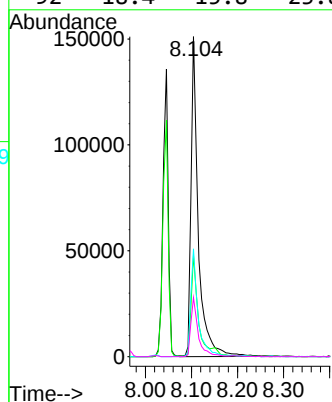
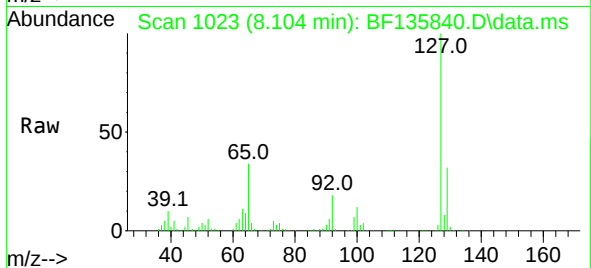
ClientSampleId :

PB156392BS

Tgt Ion:127 Resp: 16627
Ion Ratio Lower Upper
127 100
129 31.7 26.5 39.7
65 33.7 27.9 41.9
92 18.4 15.8 23.8

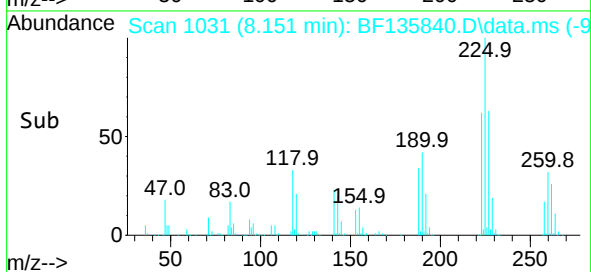
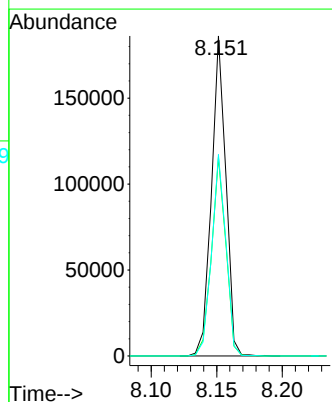
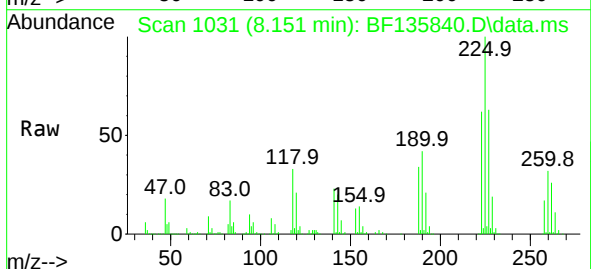
Manual Integrations
APPROVED

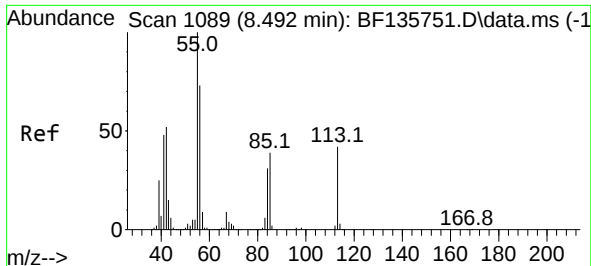
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#34
Hexachlorobutadiene
Concen: 46.684 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

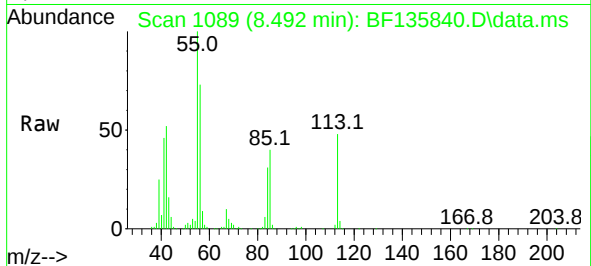
Tgt Ion:225 Resp: 141937
Ion Ratio Lower Upper
225 100
223 62.1 51.1 76.7
227 63.0 49.7 74.5





#35
Caprolactam
Concen: 48.667 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

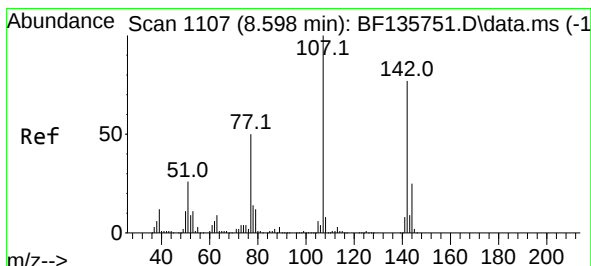
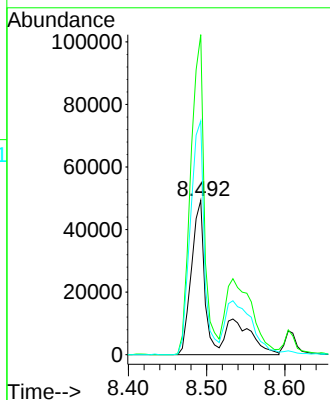
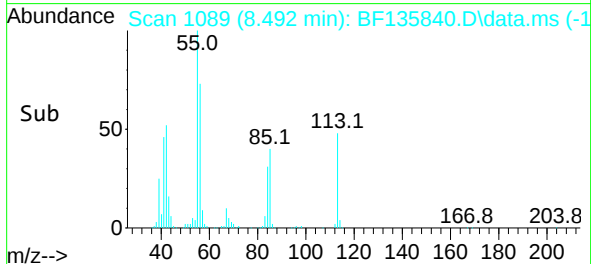
Instrument :
BNA_F
ClientSampleId :
PB156392BS



Tgt Ion:113 Resp: 83554
Ion Ratio Lower Upper
113 100
55 207.5 217.4 257.4
56 151.6 153.1 193.1

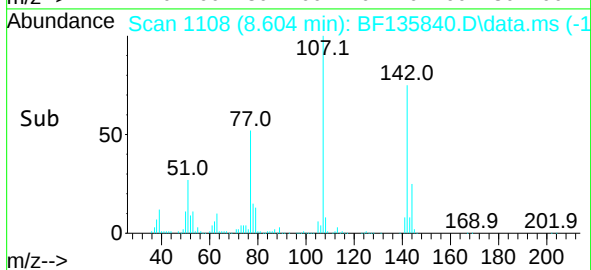
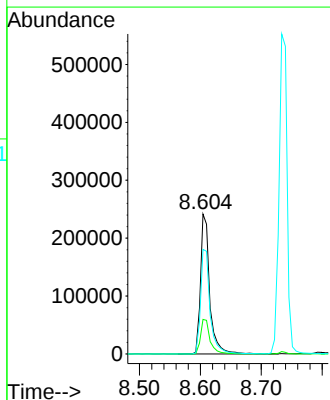
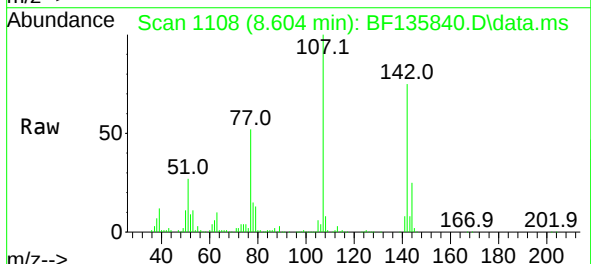
Manual Integrations
APPROVED

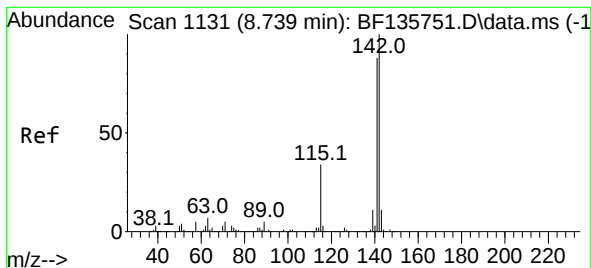
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#36
4-Chloro-3-methylphenol
Concen: 45.860 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:107 Resp: 255412
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 74.6 61.3 91.9





#37
2-Methylnaphthalene
Concen: 43.169 ng
RT: 8.734 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

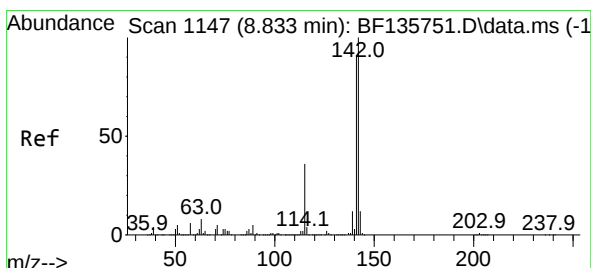
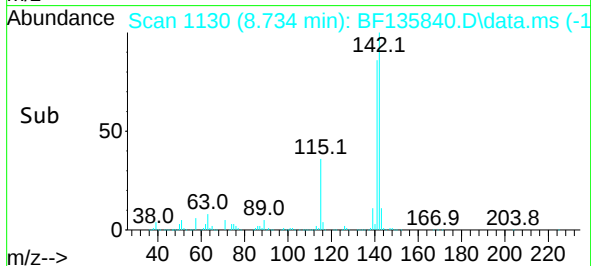
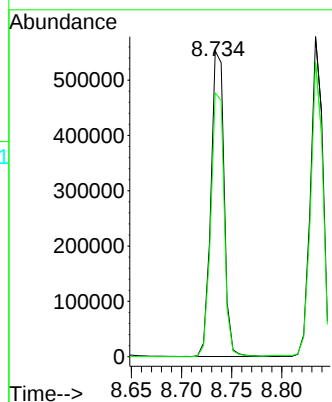
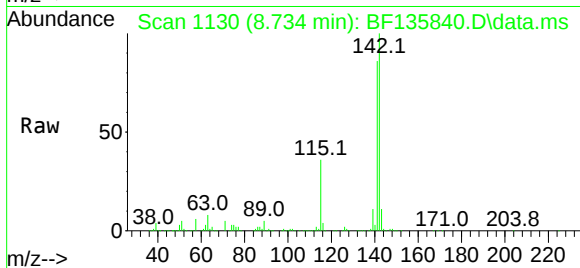
PB156392BS

Tgt Ion:142 Resp: 507119
Ion Ratio Lower Upper
142 100
141 86.3 70.6 105.8

Manual Integrations

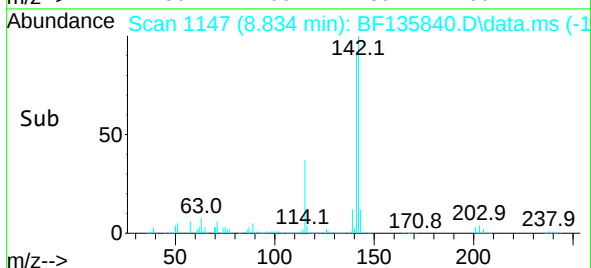
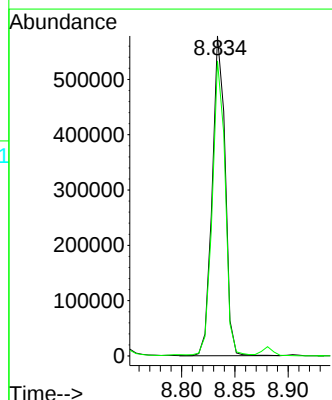
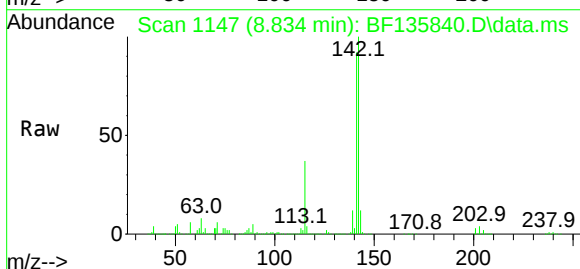
APPROVED

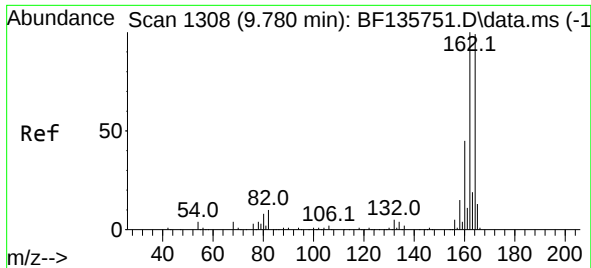
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#38
1-Methylnaphthalene
Concen: 45.239 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:142 Resp: 490162
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1





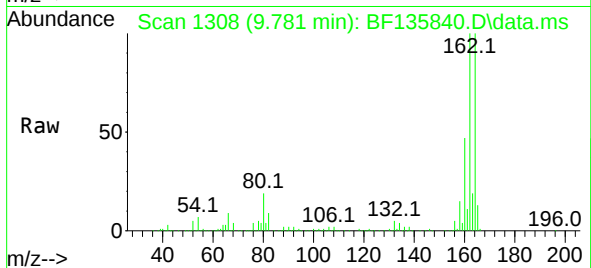
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

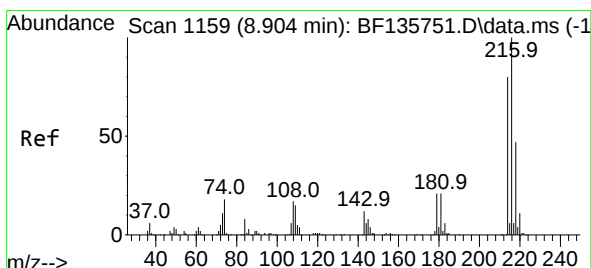
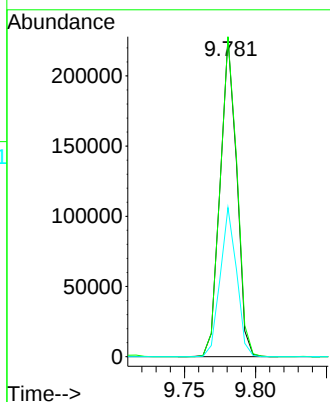
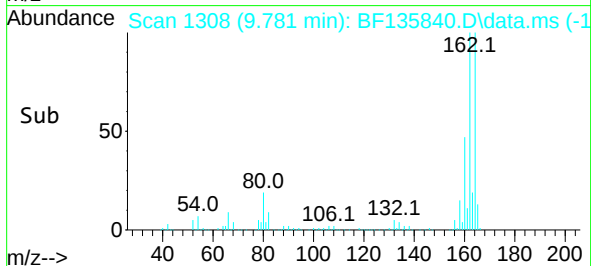
PB156392BS



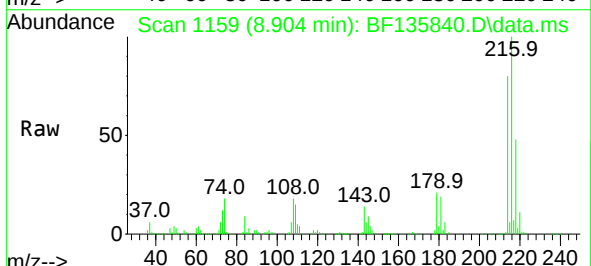
Tgt Ion:164 Resp: 18379
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 46.7 36.6 54.8

Manual Integrations
APPROVED

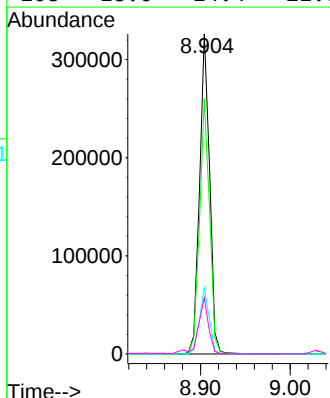
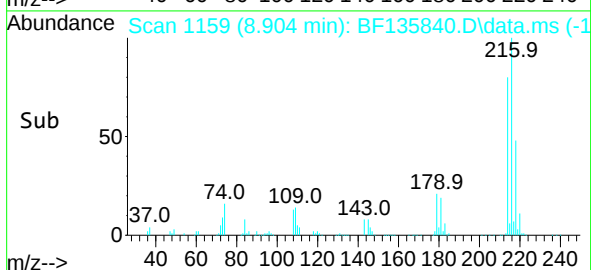
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

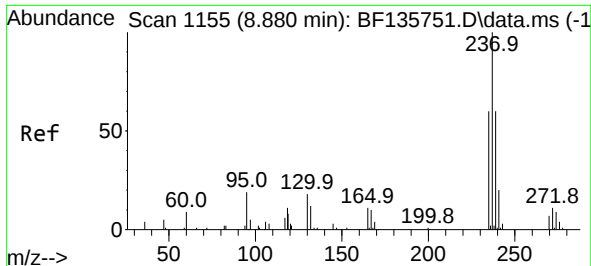


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.977 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:216 Resp: 253655
Ion Ratio Lower Upper
216 100
214 79.3 64.0 96.0
179 20.1 16.9 25.3
108 18.0 14.4 21.6





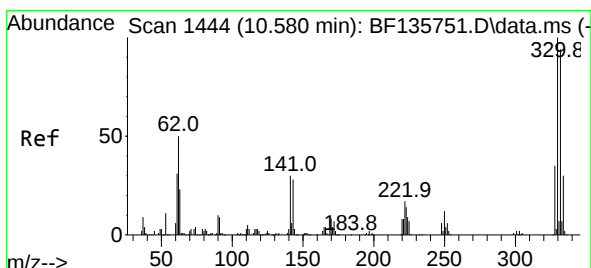
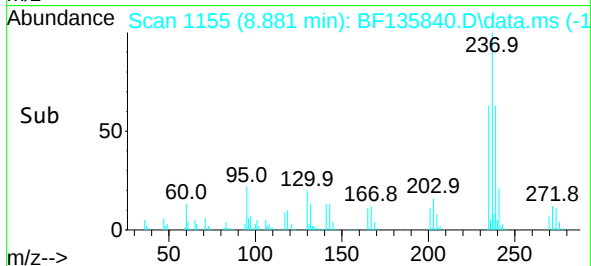
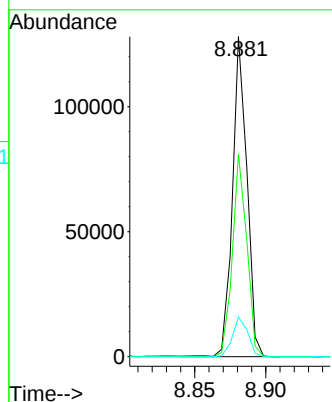
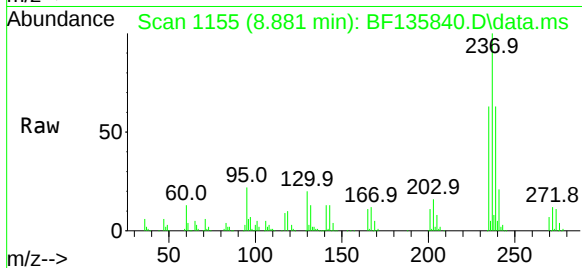
#41
Hexachlorocyclopentadiene
Concen: 81.375 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :
BNA_F
ClientSampleId :
PB156392BS

Tgt Ion:237 Resp: 90375
Ion Ratio Lower Upper
237 100
235 63.4 40.0 80.0
272 12.4 0.0 30.9

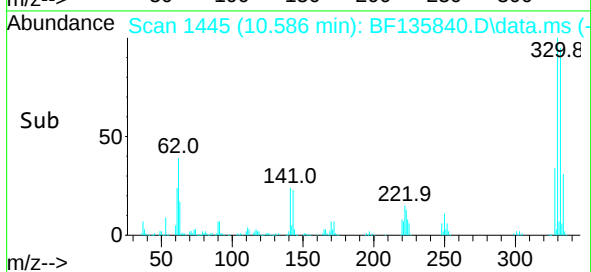
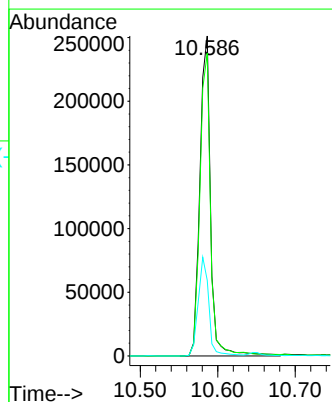
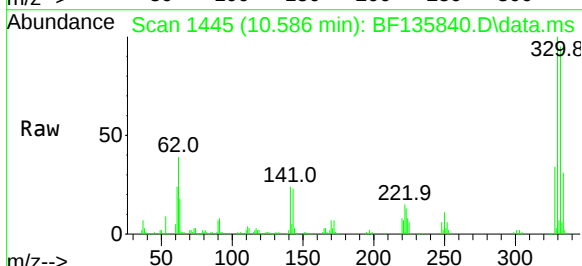
Manual Integrations
APPROVED

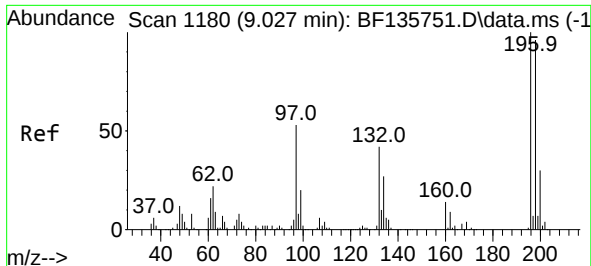
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#42
2,4,6-Tribromophenol
Concen: 136.192 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:330 Resp: 240199
Ion Ratio Lower Upper
330 100
332 95.3 75.0 112.4
141 30.7 25.8 38.6





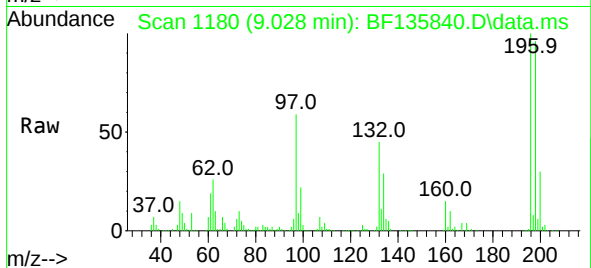
#43
2,4,6-Trichlorophenol
Concen: 45.379 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

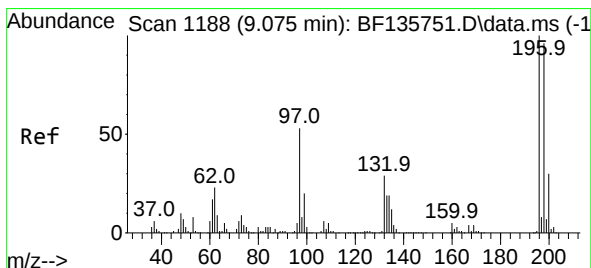
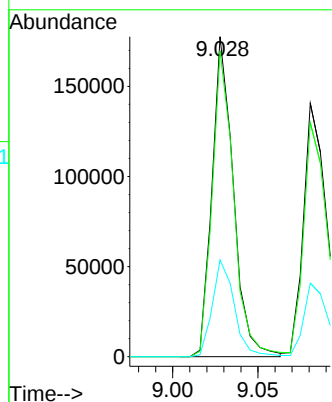


Tgt Ion:196 Resp: 154600
Ion Ratio Lower Upper
196 100
198 95.6 76.7 115.1
200 30.3 24.2 36.4

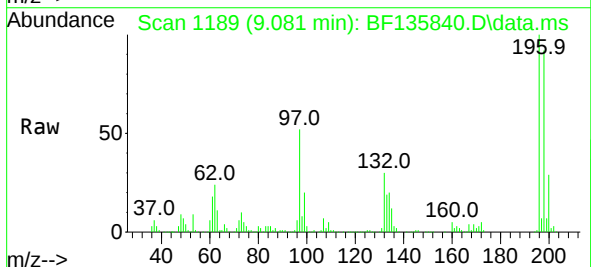
Manual Integrations

APPROVED

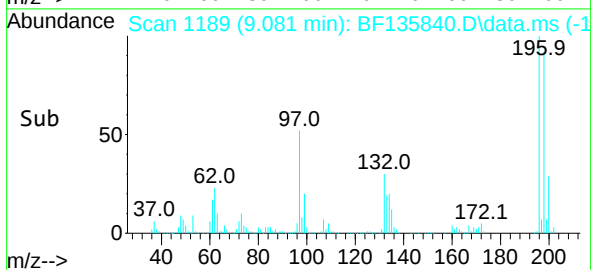
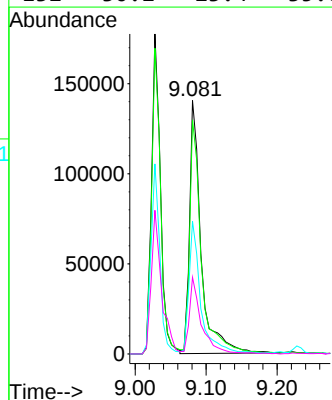
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

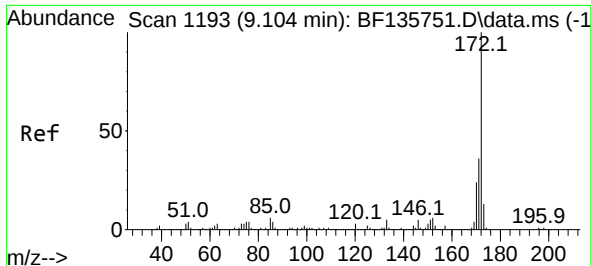


#44
2,4,5-Trichlorophenol
Concen: 40.420 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:196 Resp: 160169
Ion Ratio Lower Upper
196 100
198 92.3 77.0 115.6
97 52.3 42.2 63.2
132 30.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 83.688 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF135840.D

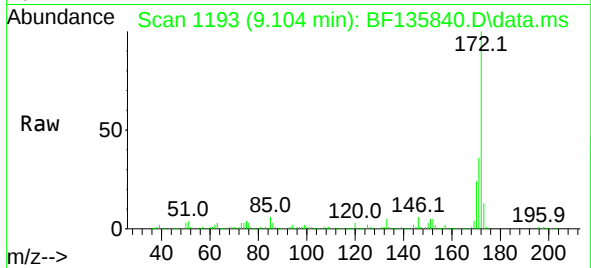
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



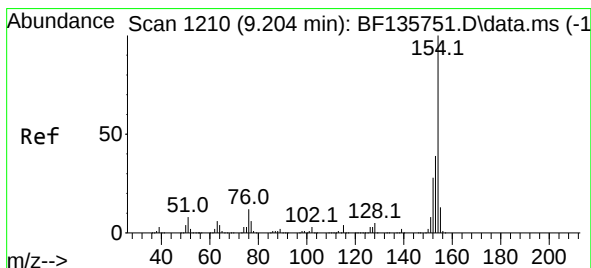
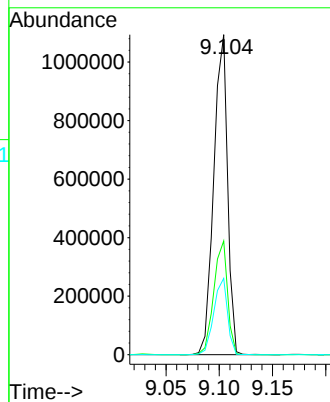
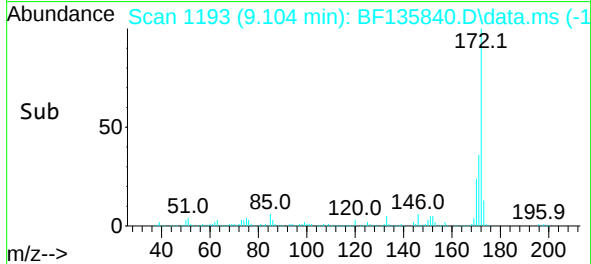
Tgt Ion:	172	Resp:	983792
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.4	42.6
170	23.9	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#46

1,1'-Biphenyl

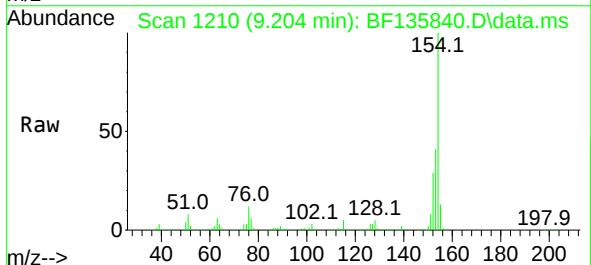
Concen: 42.552 ng

RT: 9.204 min Scan# 1210

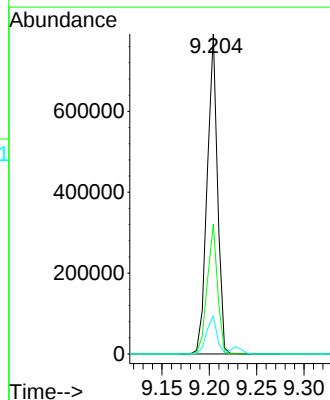
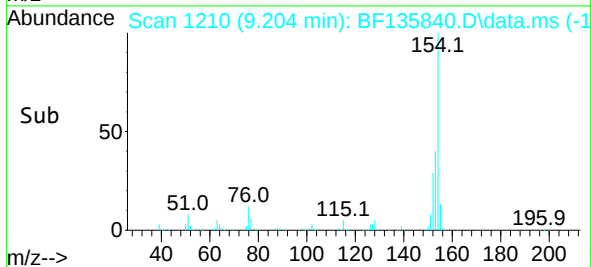
Delta R.T. 0.000 min

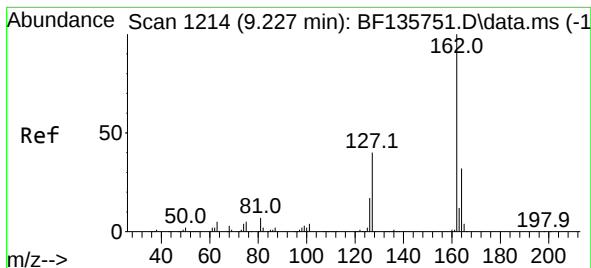
Lab File: BF135840.D

Acq: 18 Oct 2023 11:28



Tgt Ion:	154	Resp:	599089
Ion Ratio	Lower	Upper	
154	100		
153	40.5	19.4	59.4
76	11.9	0.0	31.7





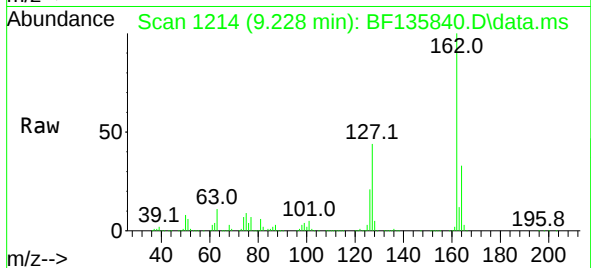
#47
2-Chloronaphthalene
Concen: 43.627 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



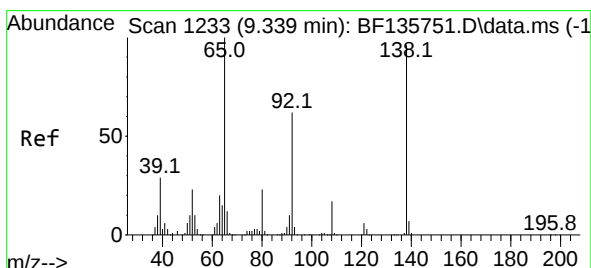
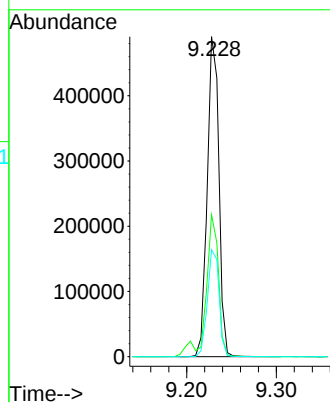
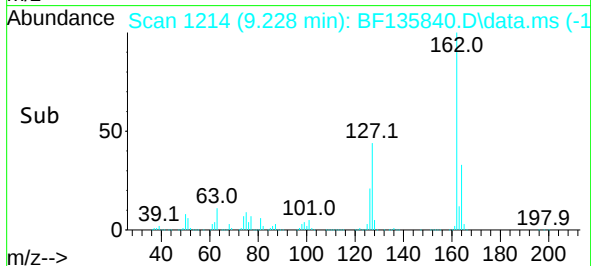
Tgt Ion:162 Resp: 442674
Ion Ratio Lower Upper
162 100
127 44.4 34.7 52.1
164 33.4 25.6 38.4

Manual Integrations

APPROVED

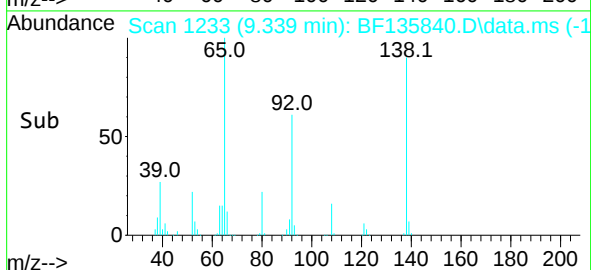
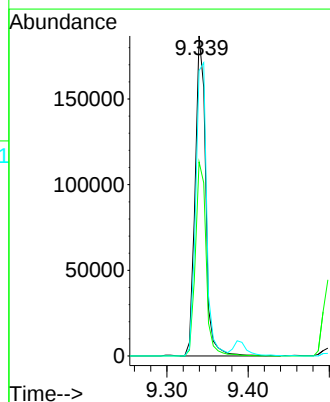
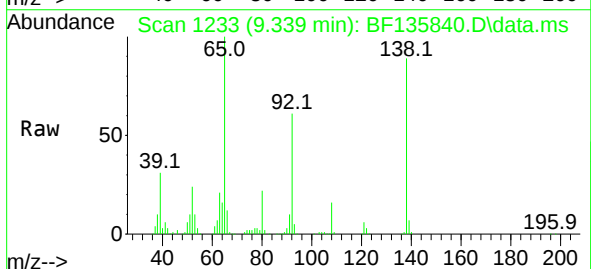
Reviewed By :Yogesh Patel 10/19/2023

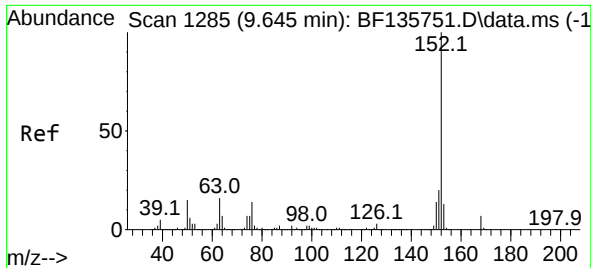
Supervised By :mohammad ahmed 10/20/2023



#48
2-Nitroaniline
Concen: 42.470 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

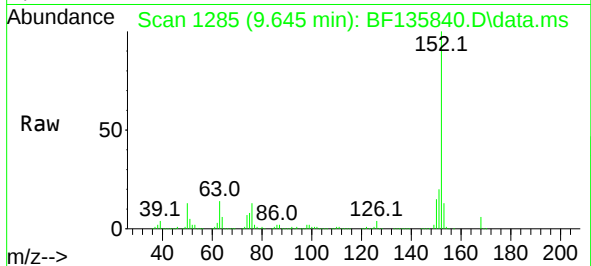
Tgt Ion: 65 Resp: 170097
Ion Ratio Lower Upper
65 100
92 60.6 49.4 74.0
138 89.2 76.6 114.8





#49
Acenaphthylene
Concen: 46.677 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

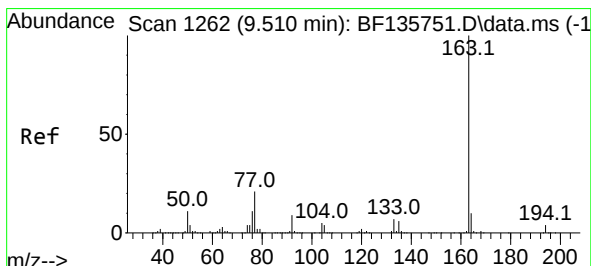
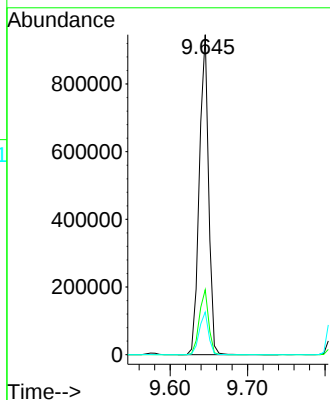
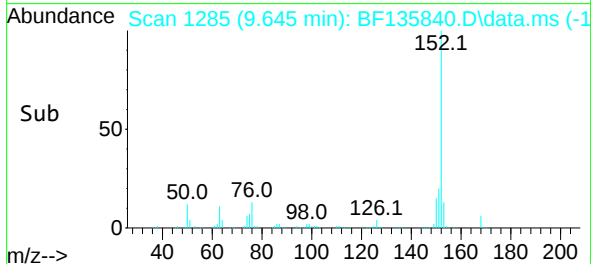
Instrument :
BNA_F
ClientSampleId :
PB156392BS



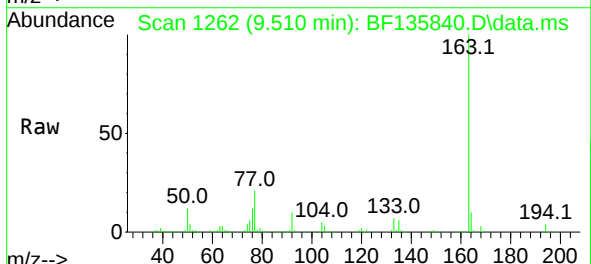
Tgt Ion:152 Resp: 783794
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.3 10.2 15.4

Manual Integrations
APPROVED

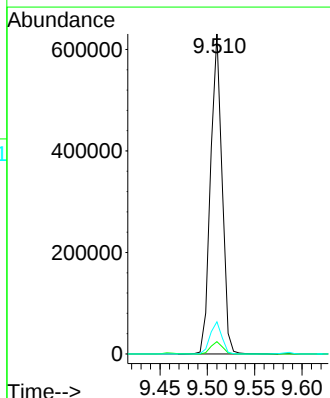
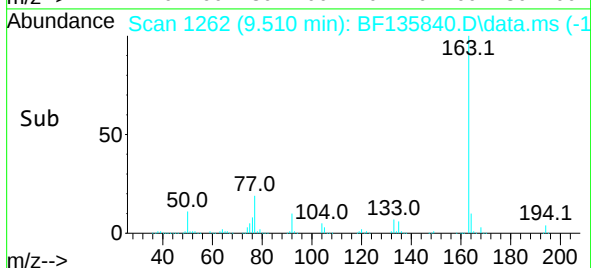
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

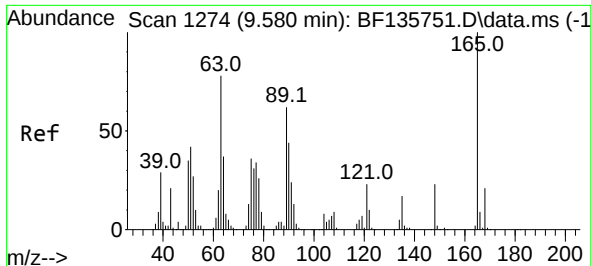


#50
Dimethylphthalate
Concen: 42.625 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



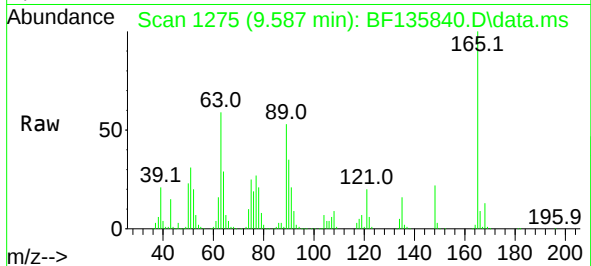
Tgt Ion:163 Resp: 528871
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.910 ng
RT: 9.587 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

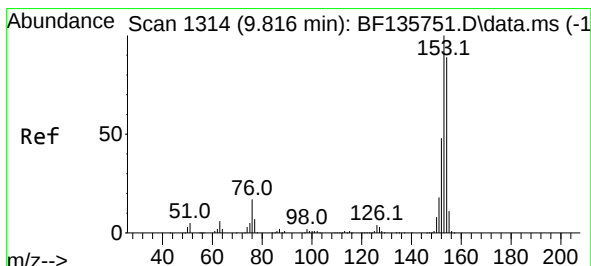
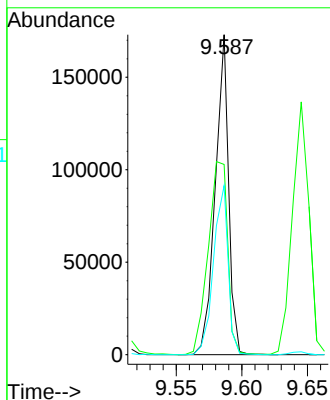
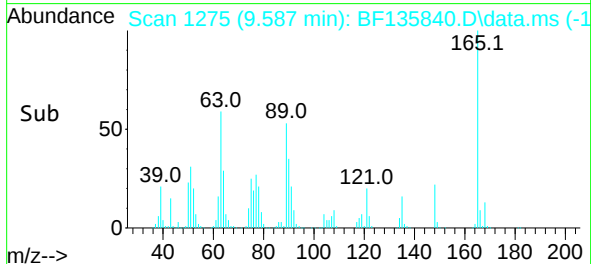
Instrument :
BNA_F
ClientSampleId :
PB156392BS



Tgt Ion:165 Resp: 122495
Ion Ratio Lower Upper
165 100
63 59.5 62.2 93.4
89 52.9 49.6 74.4

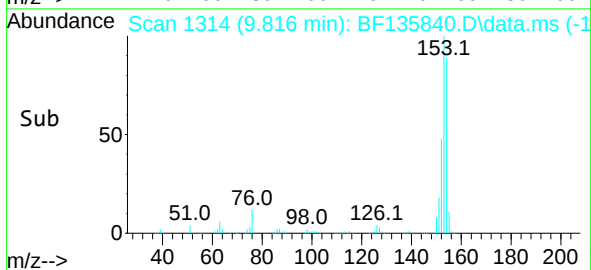
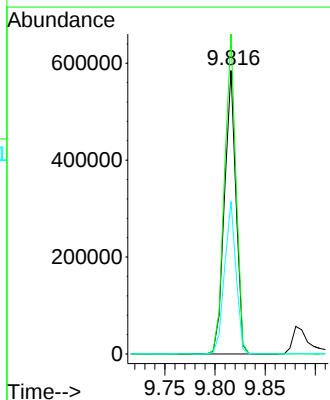
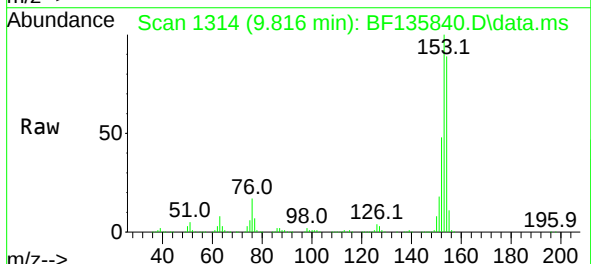
Manual Integrations
APPROVED

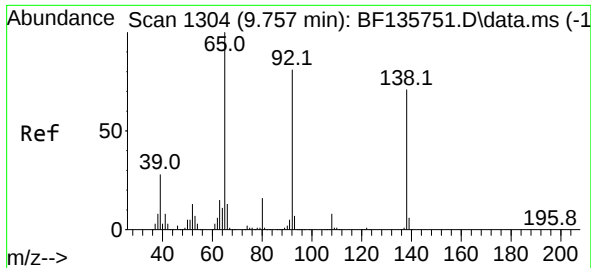
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#52
Acenaphthene
Concen: 46.302 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:154 Resp: 466011
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 53.9 43.1 64.7





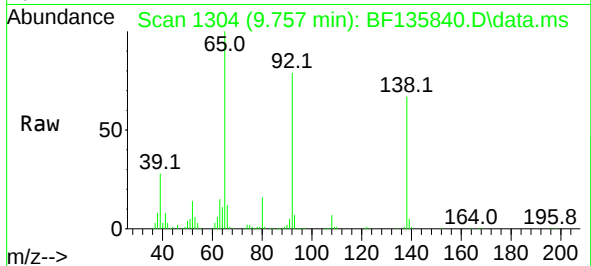
#53
3-Nitroaniline
Concen: 36.059 ng
RT: 9.757 min Scan# 11794
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



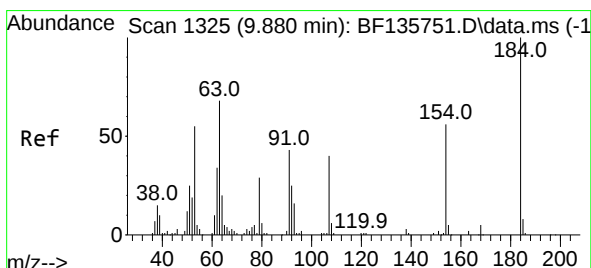
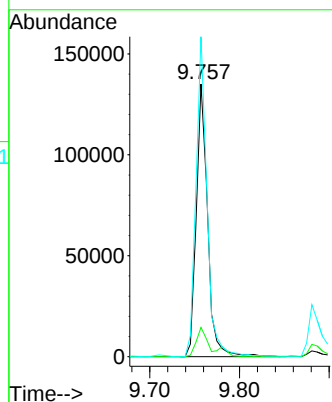
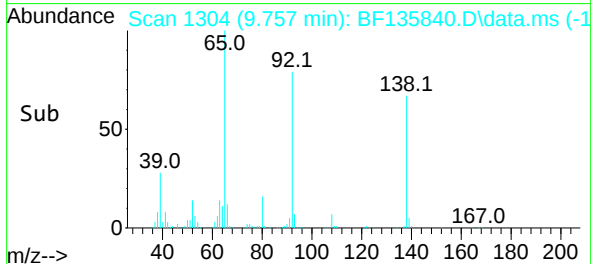
Tgt Ion:138 Resp: 11794
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 117.4 91.3 136.9

Manual Integrations

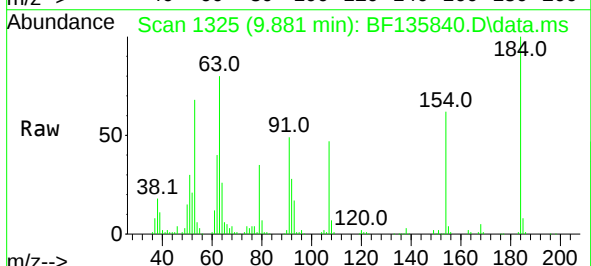
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

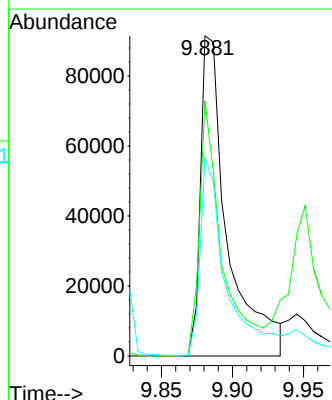
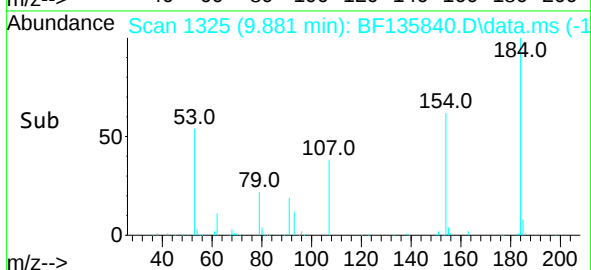
Supervised By :mohammad ahmed 10/20/2023

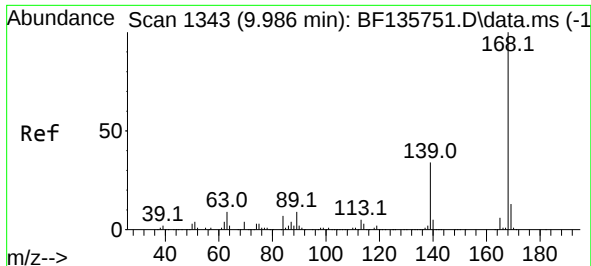


#54
2,4-Dinitrophenol
Concen: 108.769 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:184 Resp: 121144
Ion Ratio Lower Upper
184 100
63 79.7 54.6 81.8
154 62.0 45.0 67.4





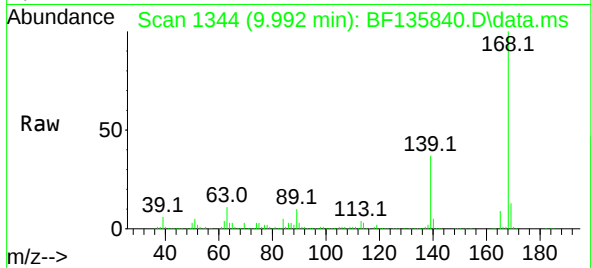
#55
Dibenzenofuran
Concen: 46.065 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

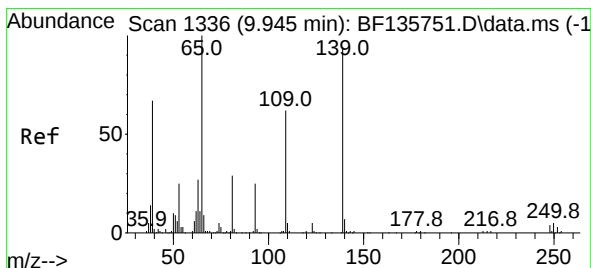
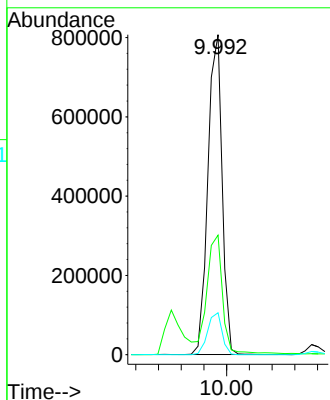
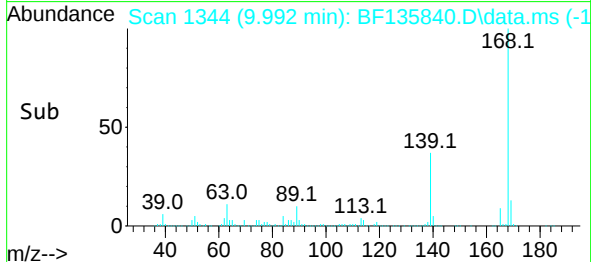
PB156392BS



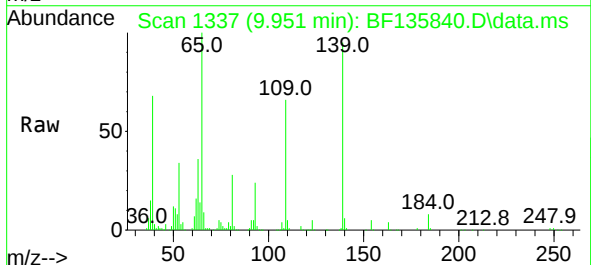
Tgt Ion:168 Resp: 699549
Ion Ratio Lower Upper
168 100
139 37.4 31.0 46.4
169 13.1 10.7 16.1

Manual Integrations
APPROVED

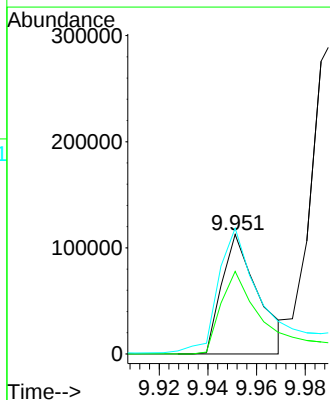
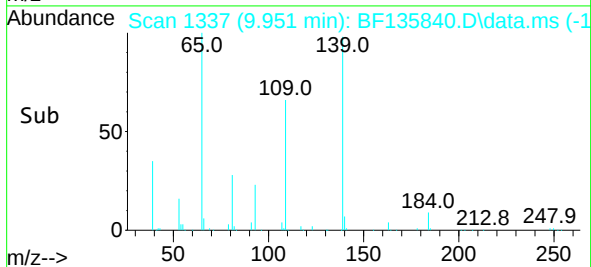
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

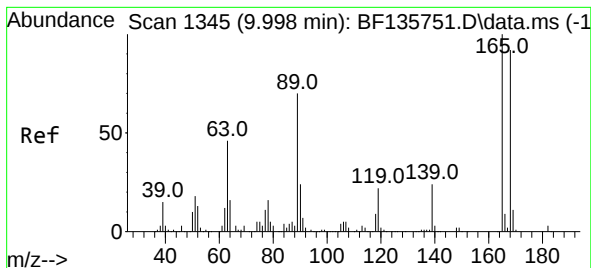


#56
4-Nitrophenol
Concen: 77.888 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:139 Resp: 116491
Ion Ratio Lower Upper
139 100
109 69.2 45.6 85.6
65 105.3 87.5 127.5





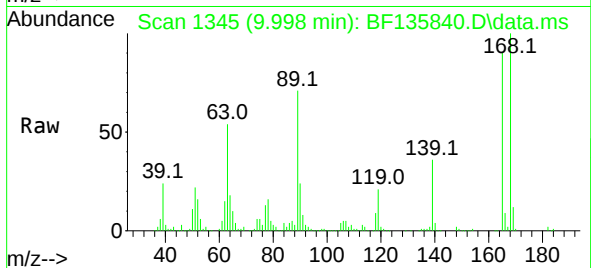
#57
2,4-Dinitrotoluene
Concen: 49.162 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



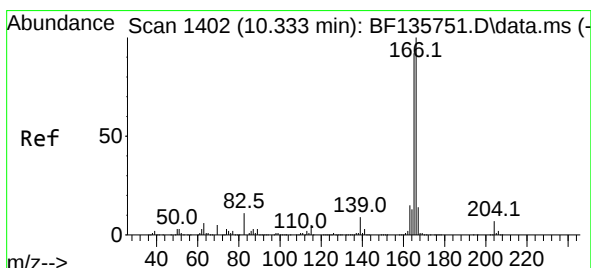
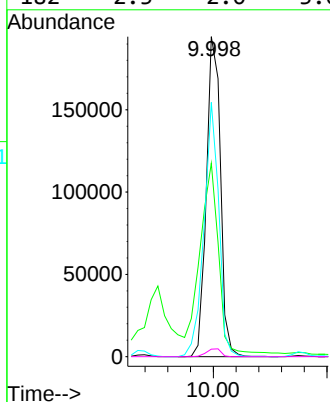
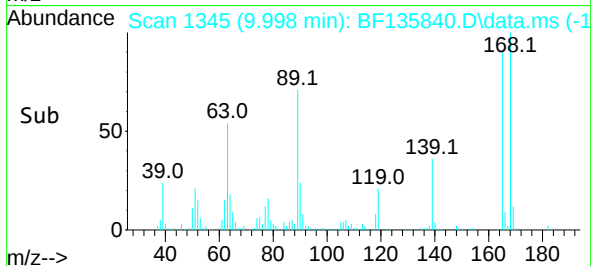
Tgt Ion:165 Resp: 166879
Ion Ratio Lower Upper
165 100
63 60.4 39.0 58.4
89 79.4 55.9 83.9
182 2.3 2.0 3.0

Manual Integrations

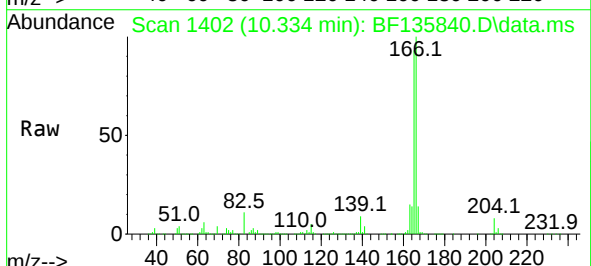
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

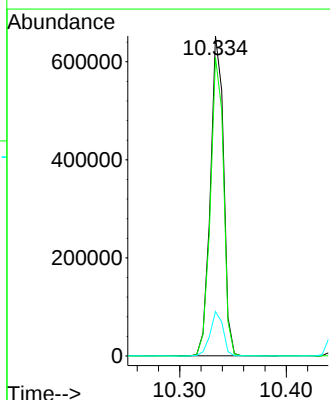
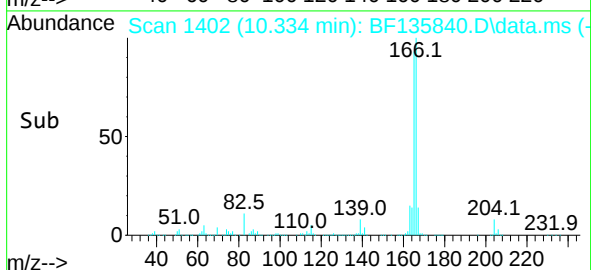
Supervised By :mohammad ahmed 10/20/2023

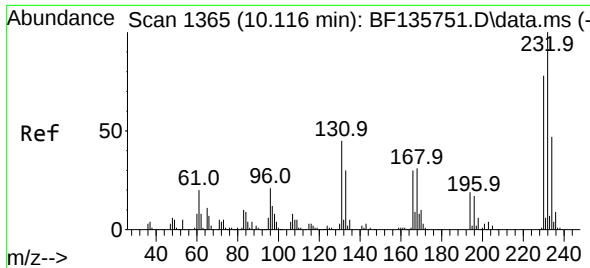


#58
Fluorene
Concen: 47.337 ng
RT: 10.334 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:166 Resp: 562779
Ion Ratio Lower Upper
166 100
165 93.3 73.4 110.0
167 13.9 11.0 16.6





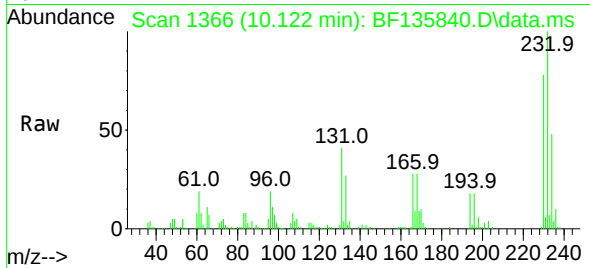
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.619 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

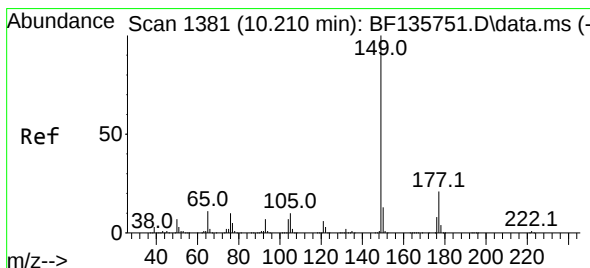
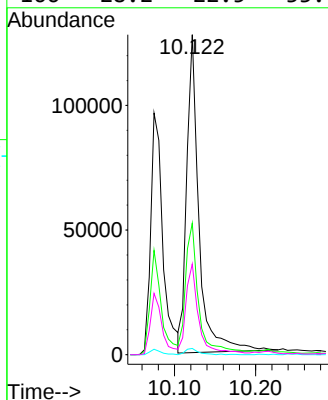
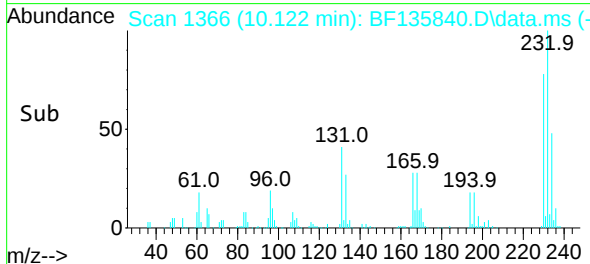


Tgt Ion:232 Resp: 133618
Ion Ratio Lower Upper
232 100
131 41.2 35.8 53.6
130 2.1 1.9 2.9
166 28.2 22.5 33.7

Manual Integrations

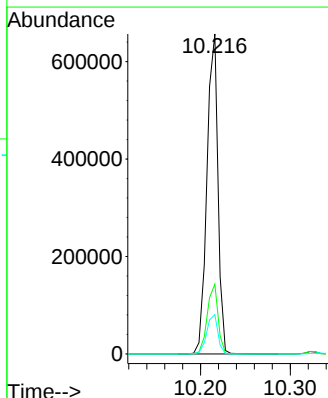
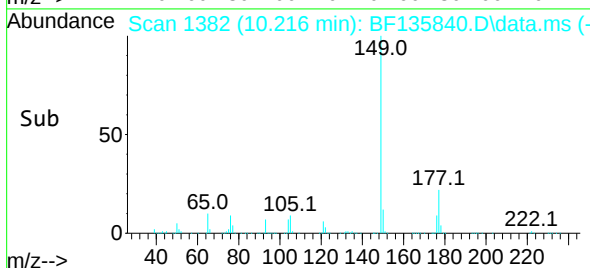
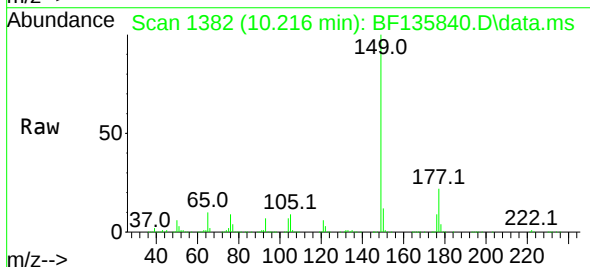
APPROVED

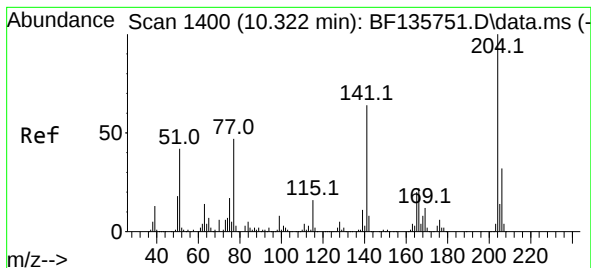
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#60
Diethylphthalate
Concen: 44.133 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

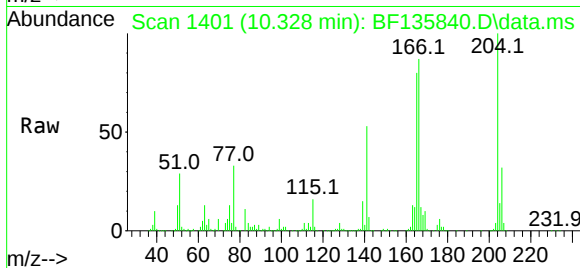
Tgt Ion:149 Resp: 559022
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.769 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

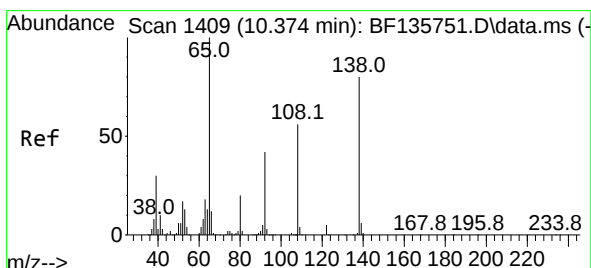
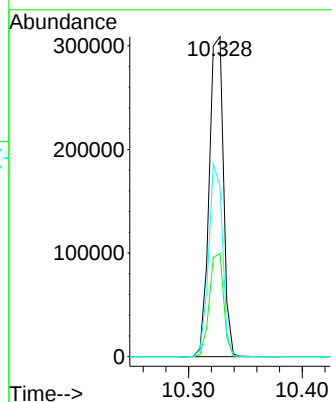
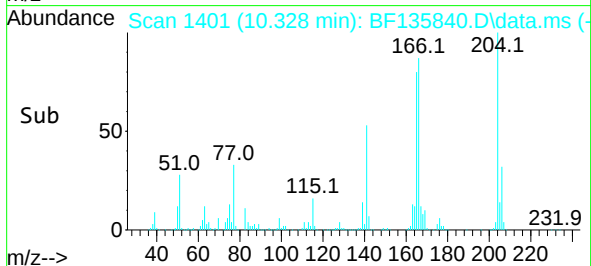
Instrument :
BNA_F
ClientSampleId :
PB156392BS



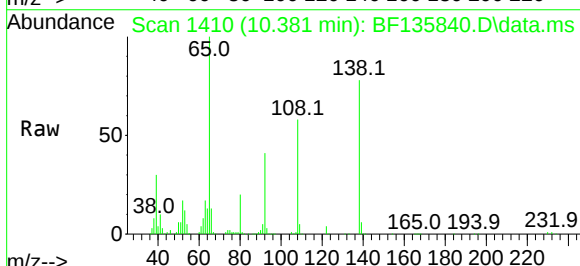
Tgt Ion:204 Resp: 26873
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 53.2 51.4 77.0

Manual Integrations
APPROVED

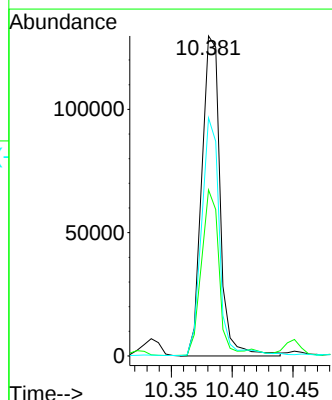
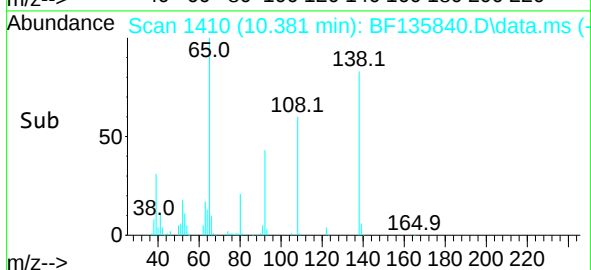
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

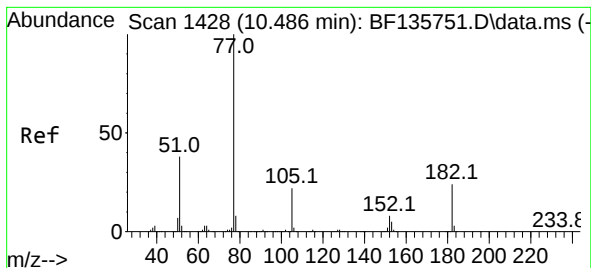


#62
4-Nitroaniline
Concen: 45.337 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



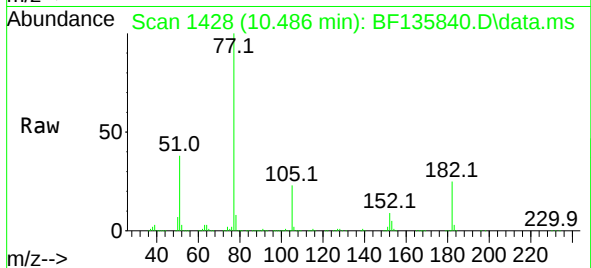
Tgt Ion:138 Resp: 136438
Ion Ratio Lower Upper
138 100
92 51.9 31.9 71.9
108 74.4 49.7 89.7





#63
Azobenzene
Concen: 45.046 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

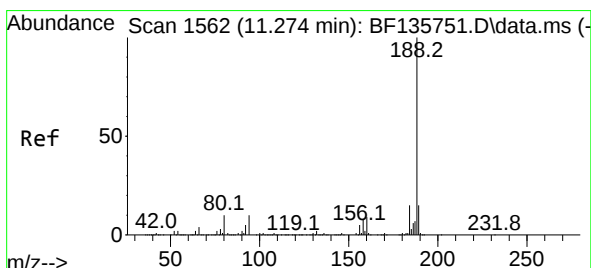
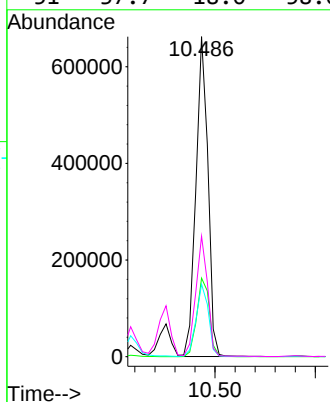
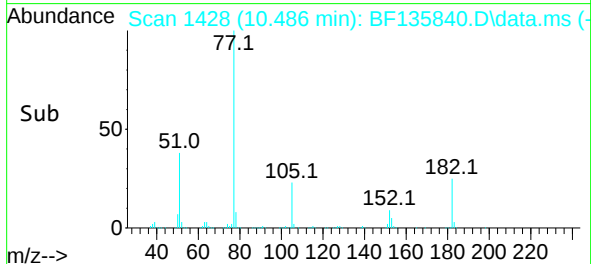
Instrument :
BNA_F
ClientSampleId :
PB156392BS



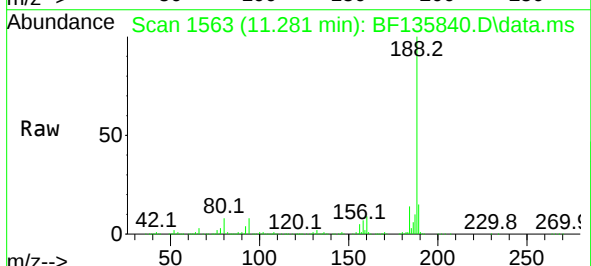
Tgt Ion: 77 Resp: 554352
Ion Ratio Lower Upper
77 100
182 24.6 3.5 43.5
105 22.6 2.2 42.2
51 37.7 18.0 58.0

Manual Integrations
APPROVED

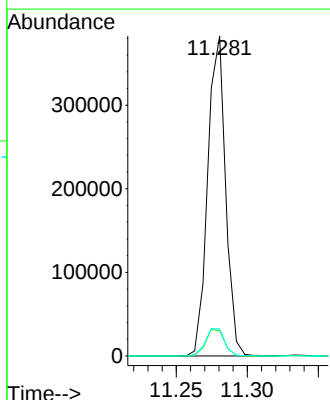
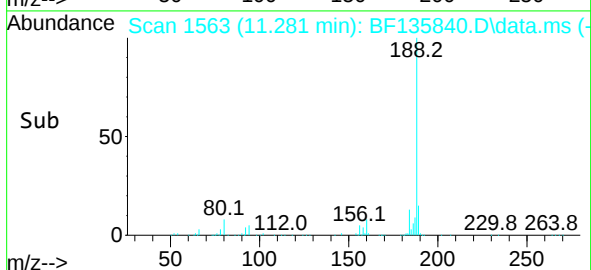
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

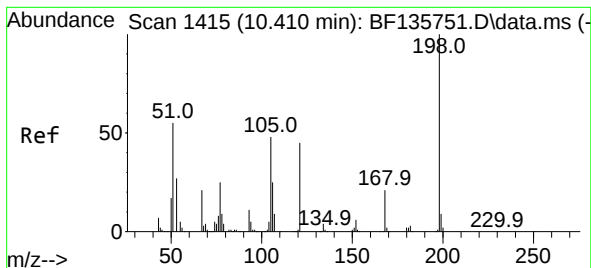


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:188 Resp: 335634
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.5 8.3 12.5





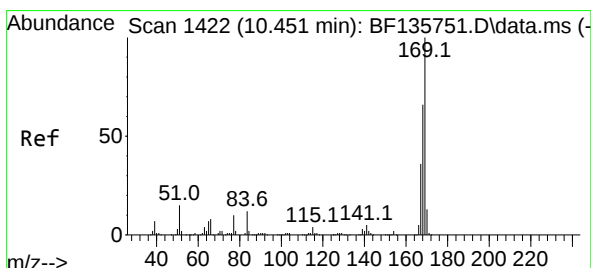
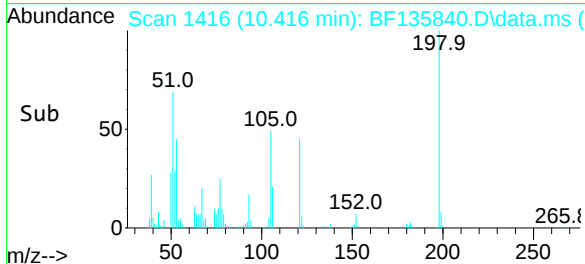
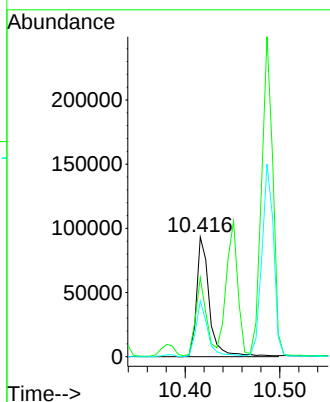
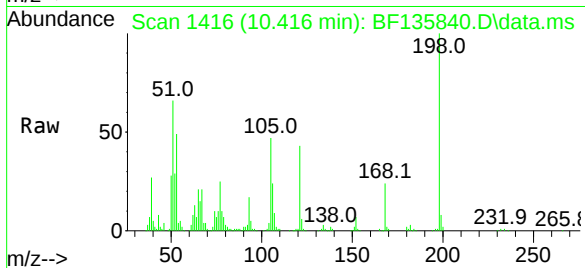
#65
4,6-Dinitro-2-methylphenol
Concen: 51.687 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :
BNA_F
ClientSampleId :
PB156392BS

Tgt Ion:198 Resp: 87305
Ion Ratio Lower Upper
198 100
51 66.2 47.6 87.6
105 46.7 29.2 69.2

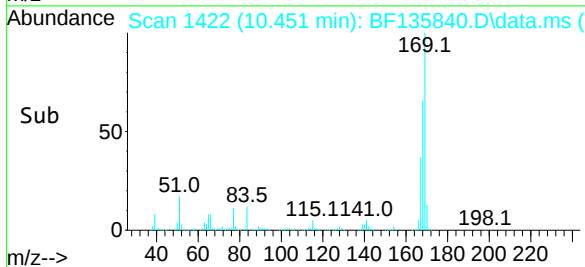
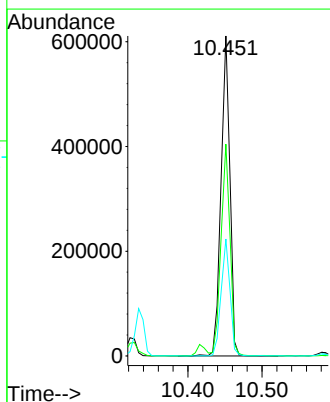
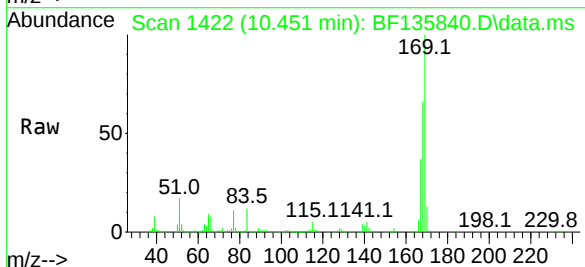
Manual Integrations
APPROVED

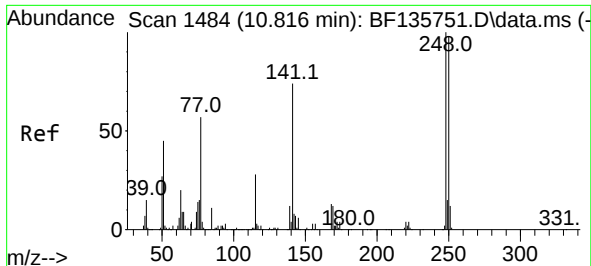
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#66
n-Nitrosodiphenylamine
Concen: 49.917 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:169 Resp: 510655
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.6 29.2 43.8





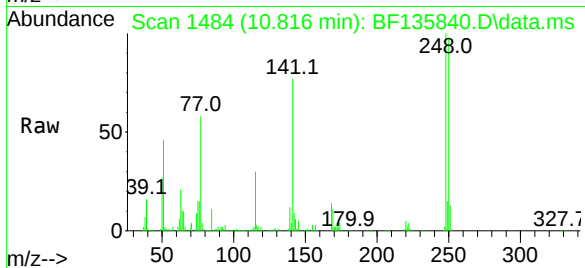
#67
4-Bromophenyl-phenylether
Concen: 46.389 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

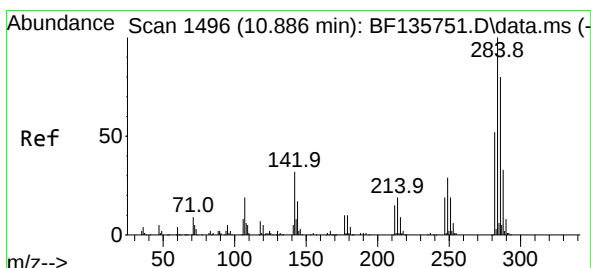
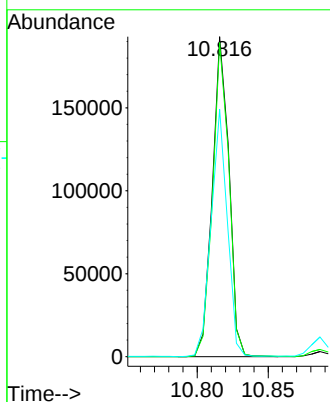
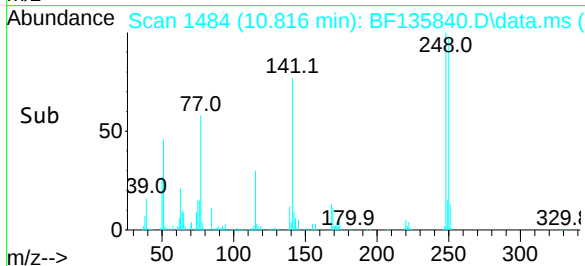


Tgt Ion:248 Resp: 156294
Ion Ratio Lower Upper
248 100
250 98.2 78.0 117.0
141 77.3 59.0 88.6

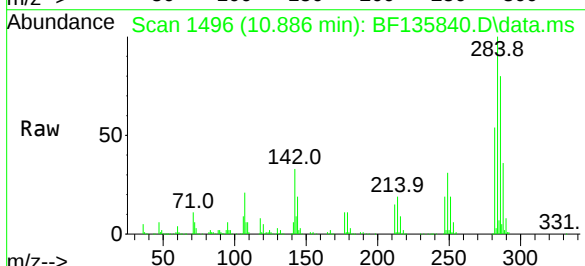
Manual Integrations

APPROVED

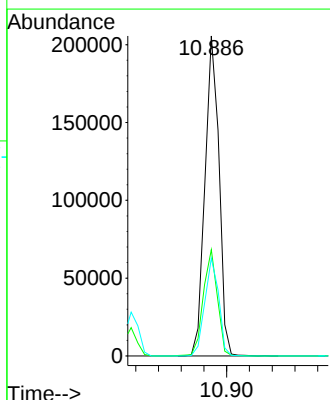
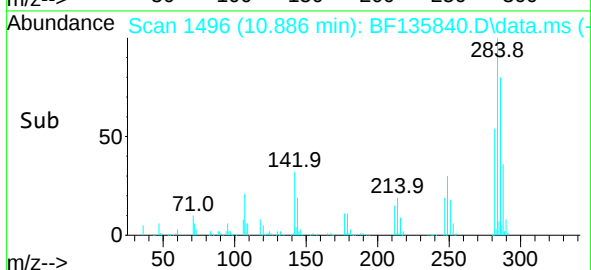
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

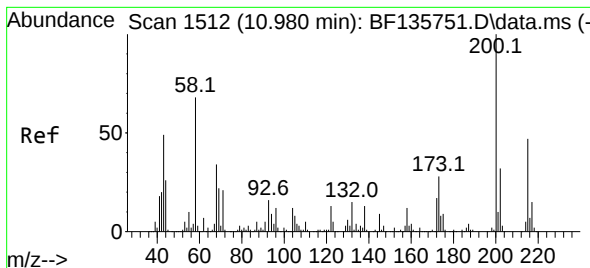


#68
Hexachlorobenzene
Concen: 51.354 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:284 Resp: 176153
Ion Ratio Lower Upper
284 100
142 33.2 25.3 37.9
249 30.5 23.5 35.3





#69

Atrazine

Concen: 58.049 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF135840.D

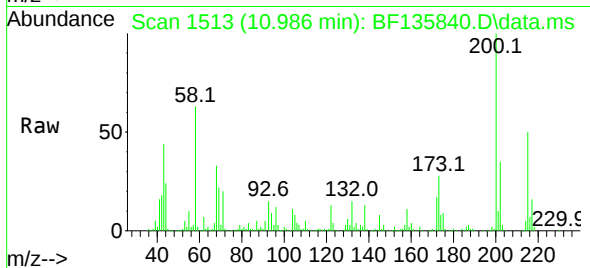
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



Tgt Ion:200 Resp: 16152

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

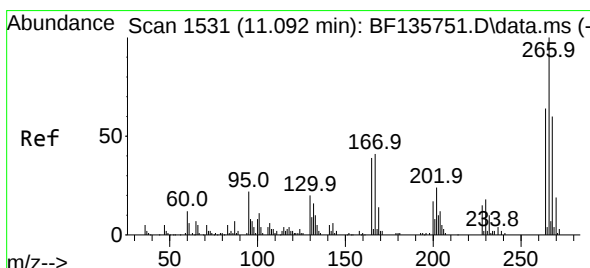
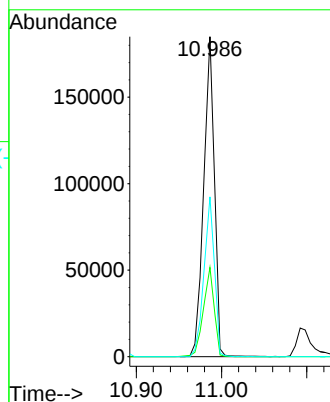
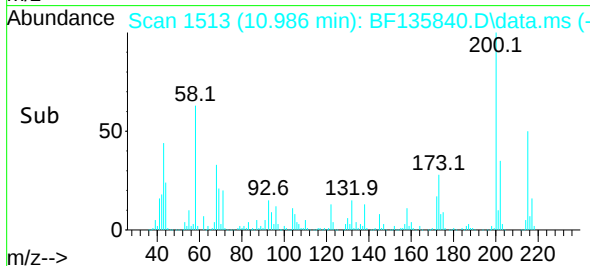
215 49.9 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#70

Pentachlorophenol

Concen: 91.135 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

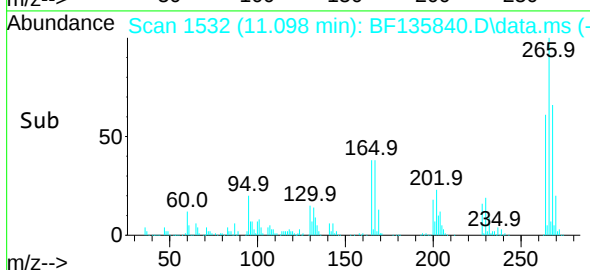
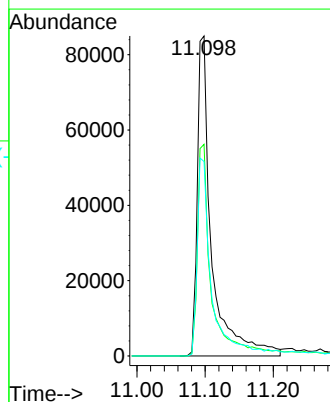
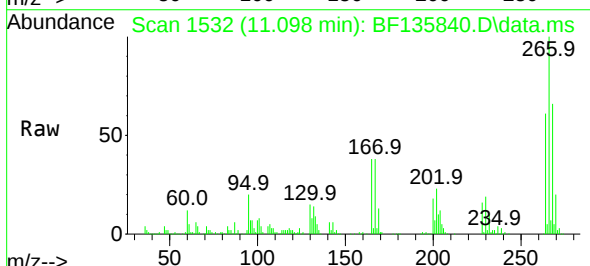
Tgt Ion:266 Resp: 123295

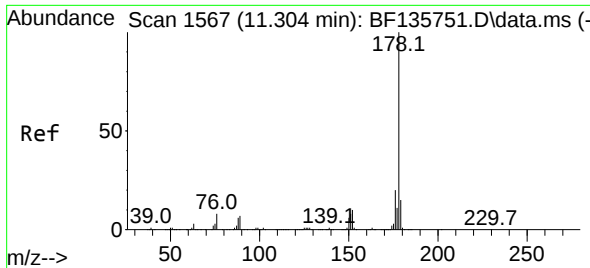
Ion Ratio Lower Upper

266 100

268 66.1 47.7 71.5

264 60.7 51.4 77.2





#71
Phenanthrene
Concen: 48.230 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

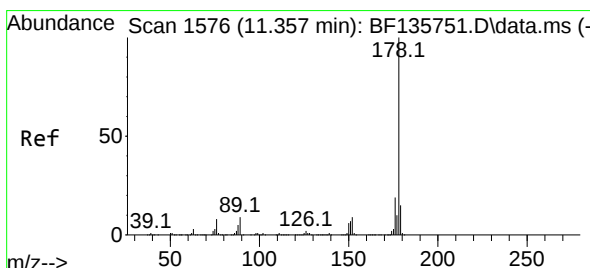
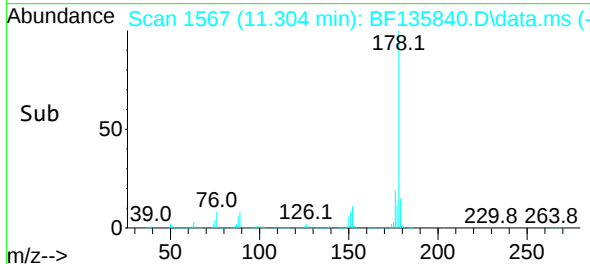
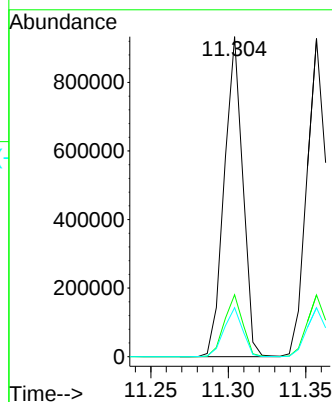
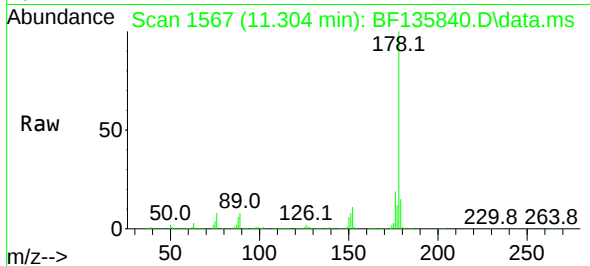
PB156392BS

Tgt Ion:178 Resp: 77545
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.3 12.2 18.4

Manual Integrations

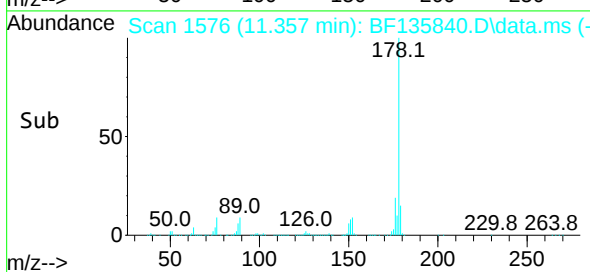
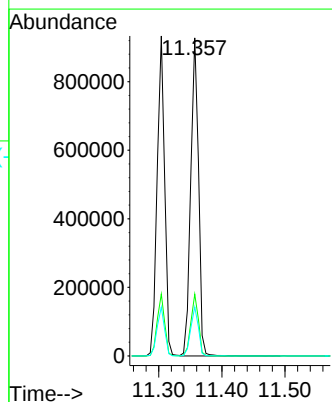
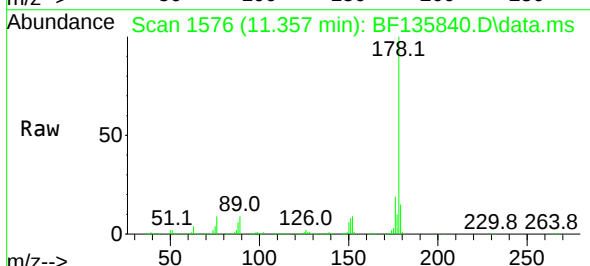
APPROVED

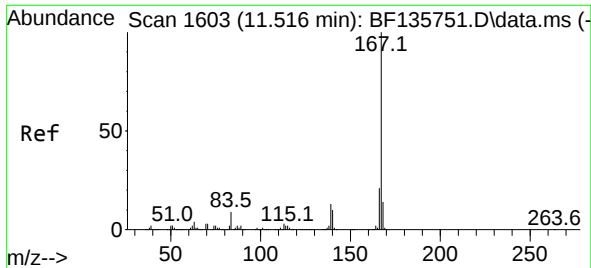
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#72
Anthracene
Concen: 48.144 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

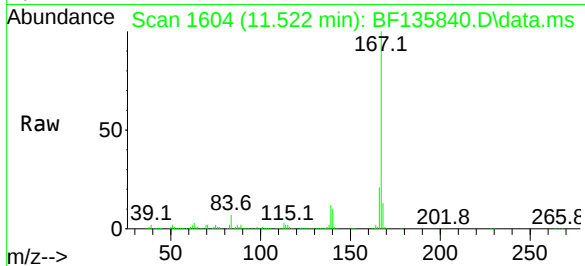
Tgt Ion:178 Resp: 802122
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.4 12.3 18.5





#73
Carbazole
Concen: 51.534 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

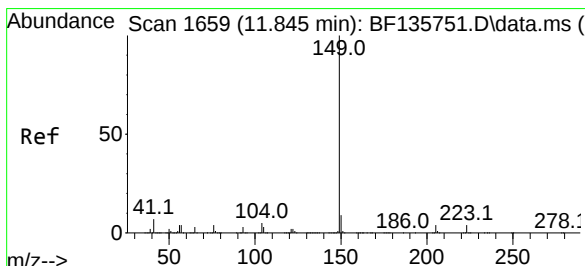
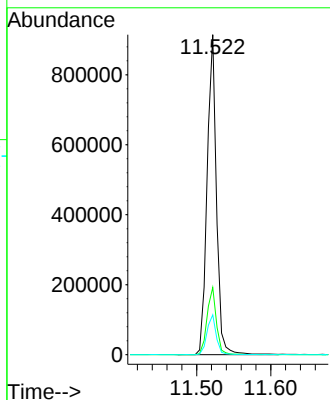
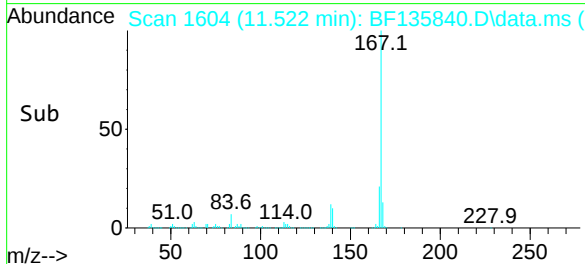
Instrument :
BNA_F
ClientSampleId :
PB156392BS



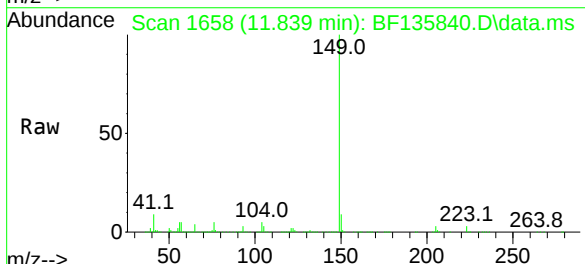
Tgt Ion:167 Resp: 800772
Ion Ratio Lower Upper
167 100
166 21.0 17.1 25.7
139 12.4 10.2 15.4

Manual Integrations
APPROVED

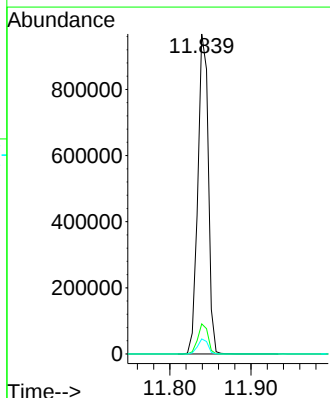
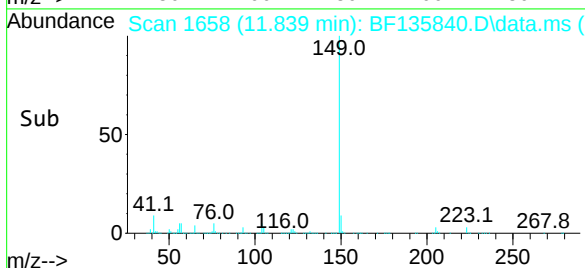
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

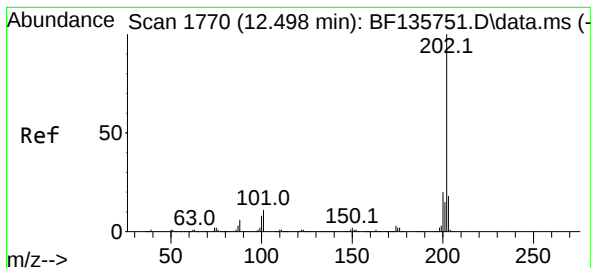


#74
Di-n-butylphthalate
Concen: 45.590 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:149 Resp: 869765
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 50.261 ng

RT: 12.504 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

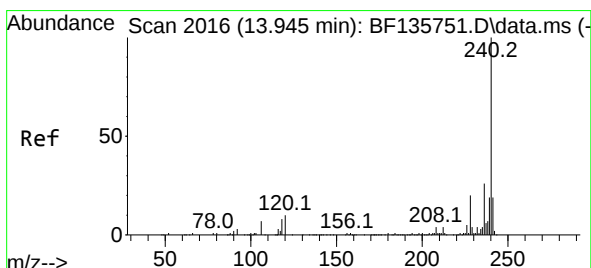
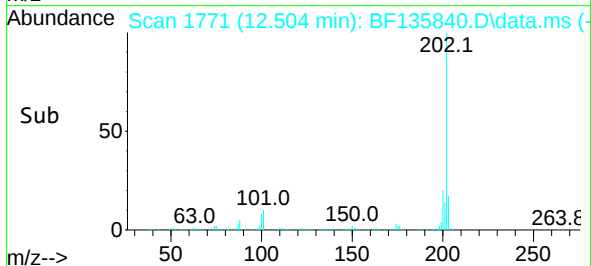
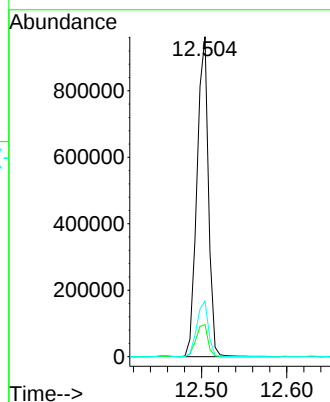
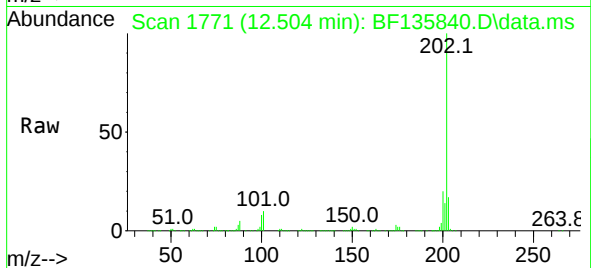
Tgt Ion:	202	Resp:	89690
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.5
203	17.4	0.0	38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#76

Chrysene-d12

Concen: 20.000 ng

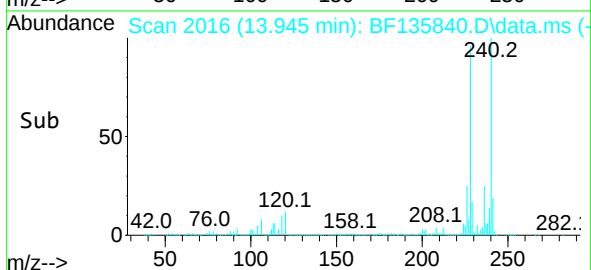
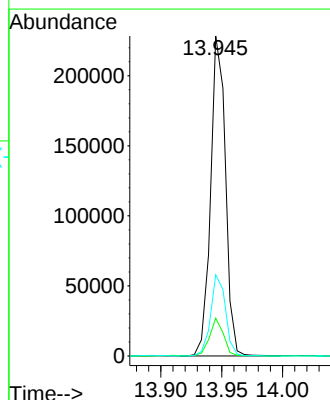
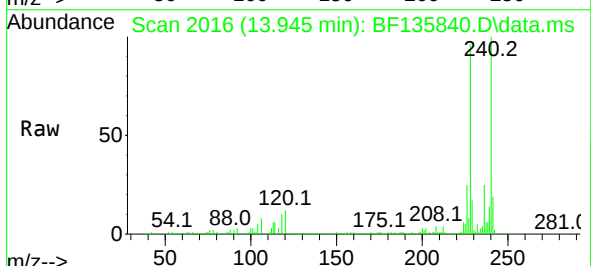
RT: 13.945 min Scan# 2016

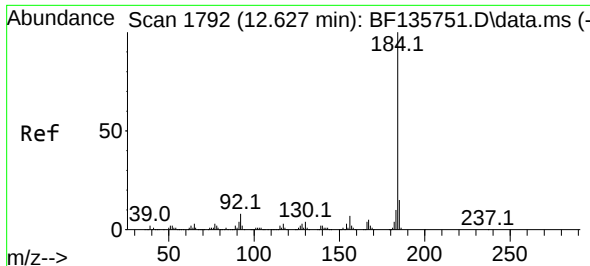
Delta R.T. -0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

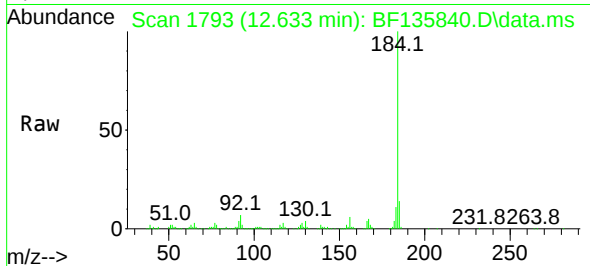
Tgt Ion:	240	Resp:	194205
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.2	12.2
236	25.3	21.2	31.8





#77
Benzidine
Concen: 51.295 ng
RT: 12.633 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

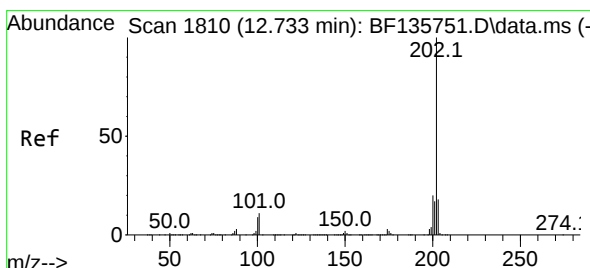
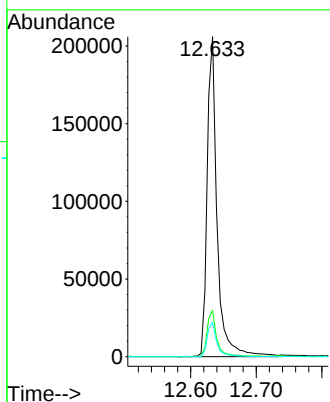
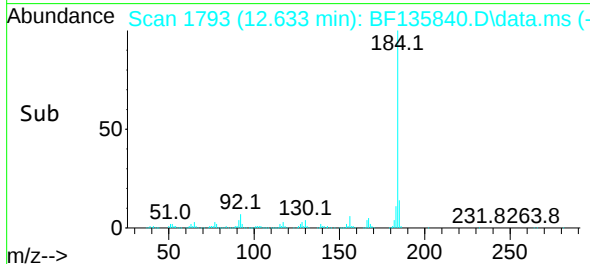
Instrument :
BNA_F
ClientSampleId :
PB156392BS



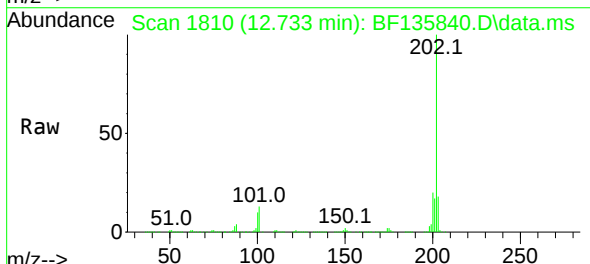
Tgt Ion:184 Resp: 217374
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 10.7 8.2 12.2

Manual Integrations
APPROVED

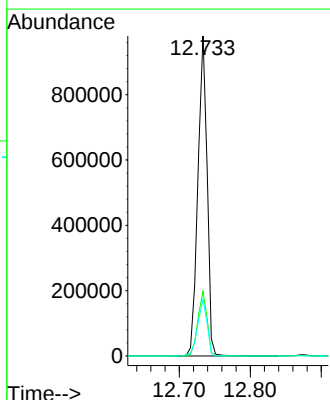
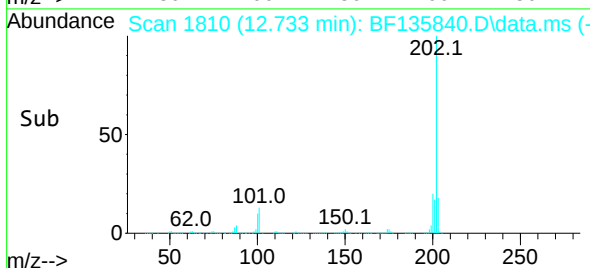
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

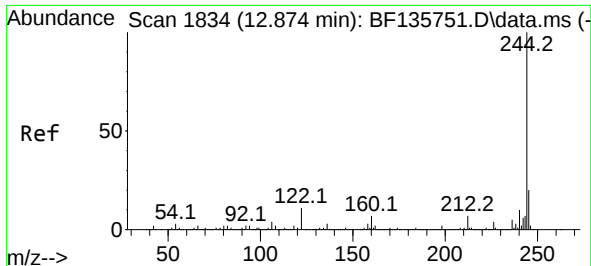


#78
Pyrene
Concen: 57.406 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:202 Resp: 885922
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 14.2 21.2





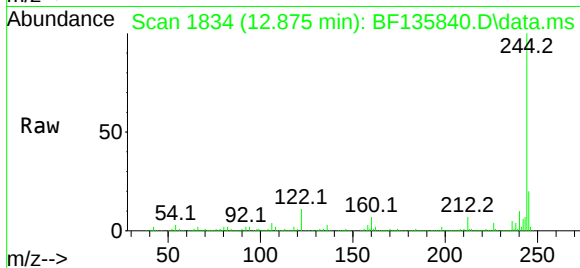
#79
 Terphenyl-d14
 Concen: 103.993 ng
 RT: 12.875 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135840.D
 Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

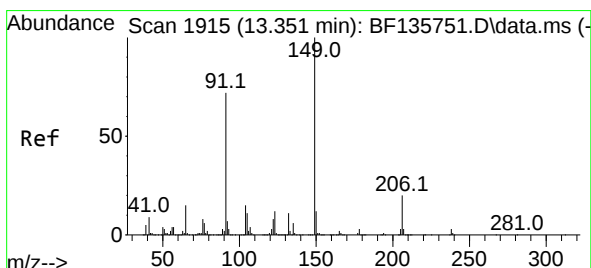
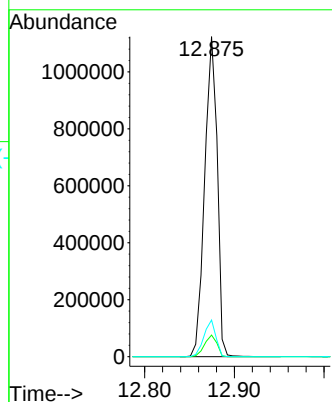
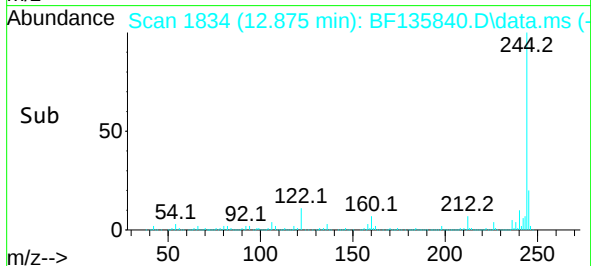


Tgt Ion:244 Resp: 109054
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 9.0 13.6

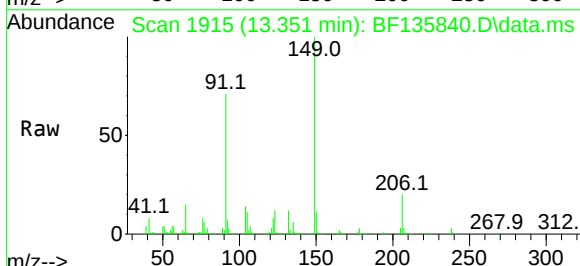
Manual Integrations

APPROVED

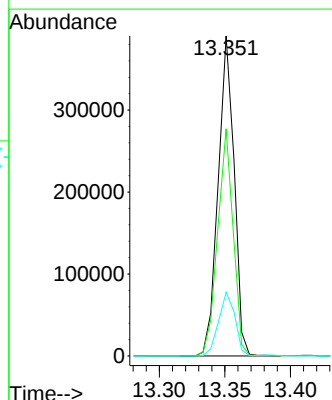
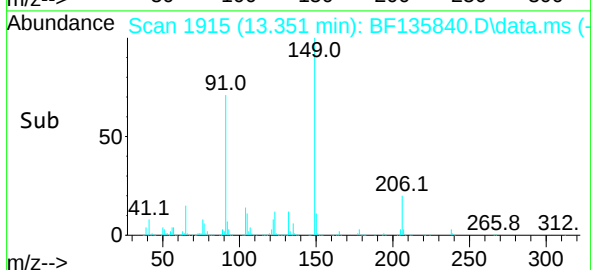
Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

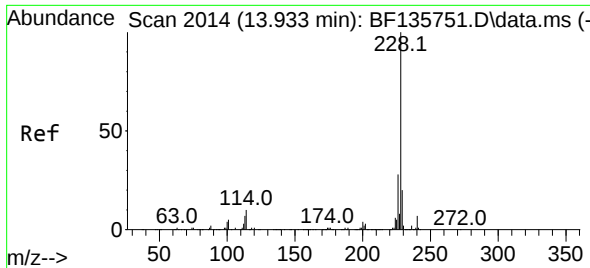


#80
 Butylbenzylphthalate
 Concen: 48.825 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135840.D
 Acq: 18 Oct 2023 11:28



Tgt Ion:149 Resp: 331113
 Ion Ratio Lower Upper
 149 100
 91 71.0 57.4 86.0
 206 19.9 16.2 24.4





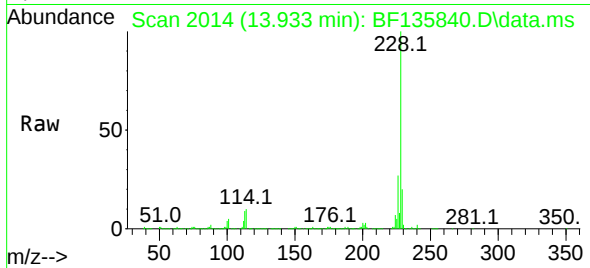
#81
Benzo(a)anthracene
Concen: 51.305 ng
RT: 13.933 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

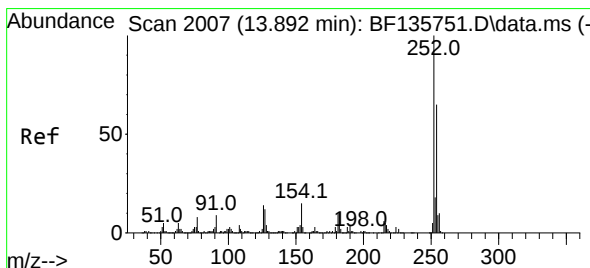
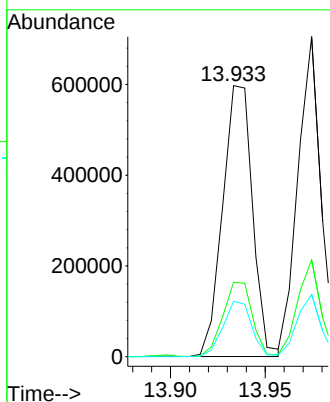
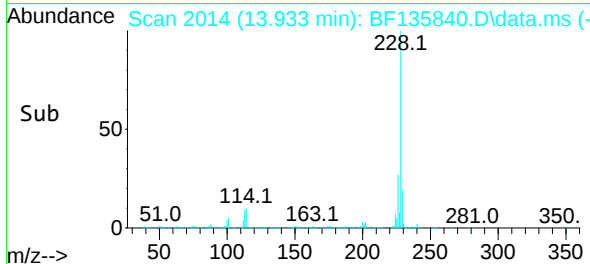
PB156392BS



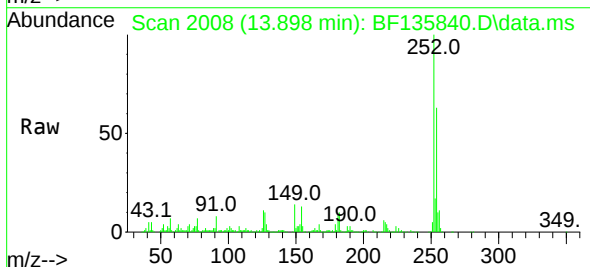
Tgt Ion:228 Resp: 65445
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.4 16.1 24.1

Manual Integrations
APPROVED

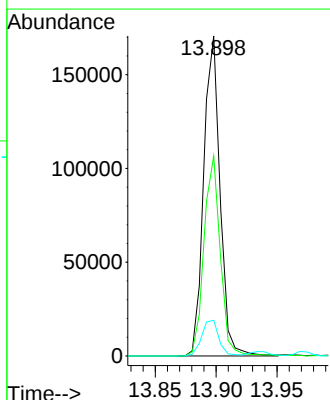
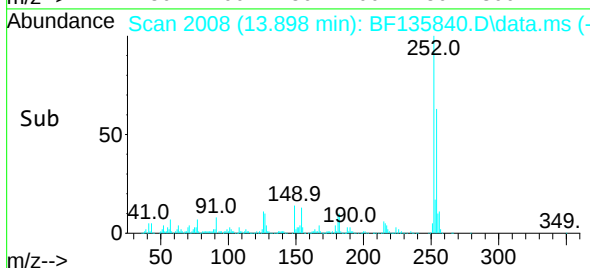
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

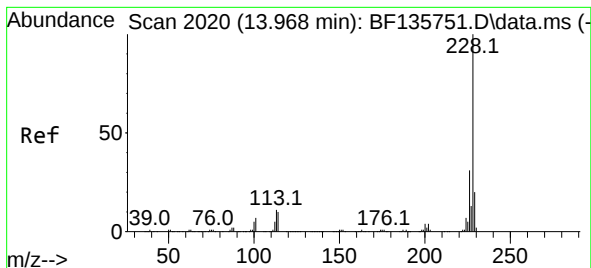


#82
3,3'-Dichlorobenzidine
Concen: 37.487 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28



Tgt Ion:252 Resp: 158591
Ion Ratio Lower Upper
252 100
254 62.5 51.8 77.6
126 11.2 11.0 16.4





#83

Chrysene

Concen: 47.772 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

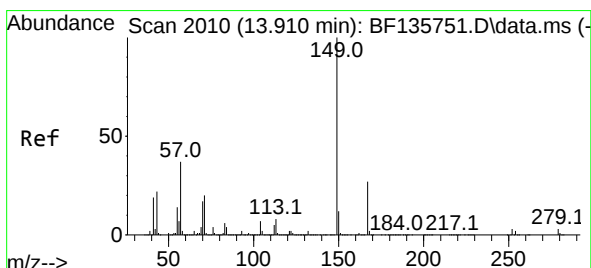
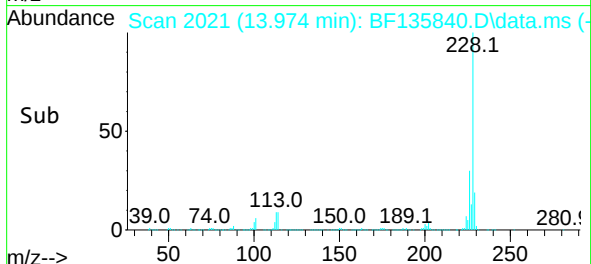
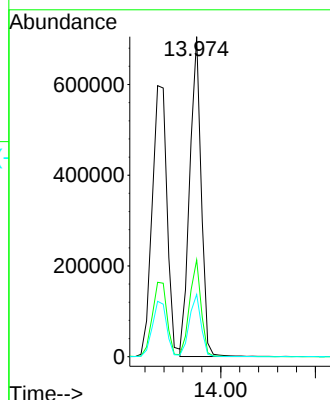
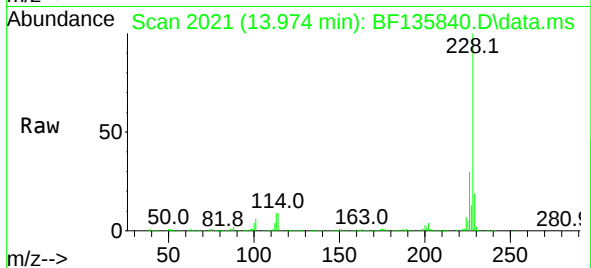
PB156392BS

Tgt Ion:	228	Resp:	59023
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.369 ng

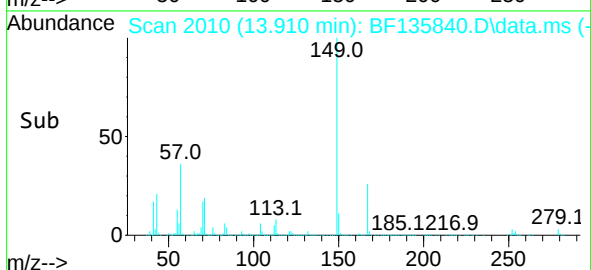
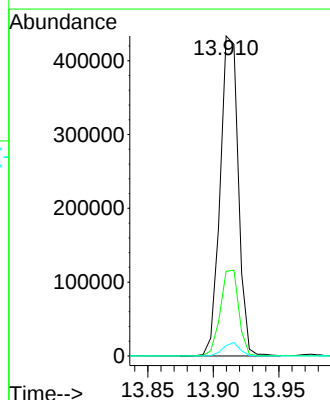
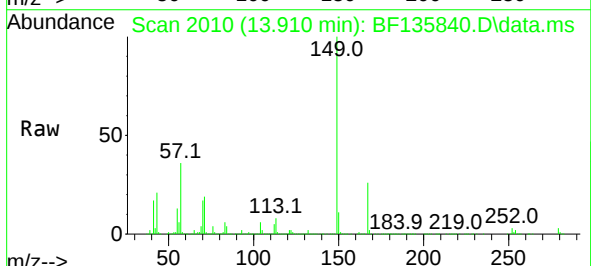
RT: 13.910 min Scan# 2010

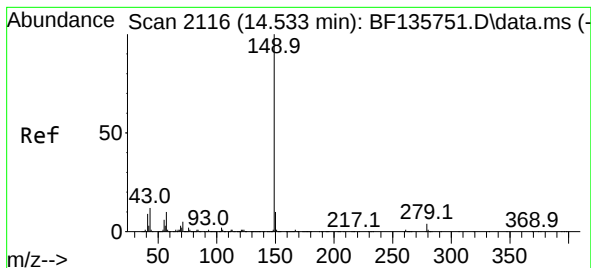
Delta R.T. -0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Tgt Ion:	149	Resp:	416999
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 42.125 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF135840.D

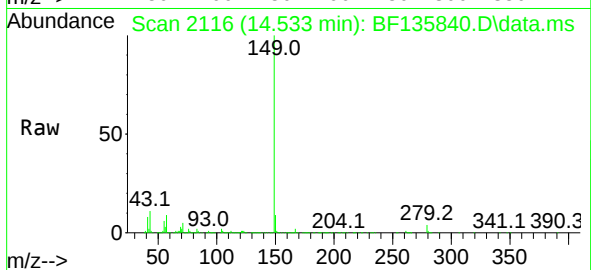
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS



Tgt Ion:149 Resp: 61396

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

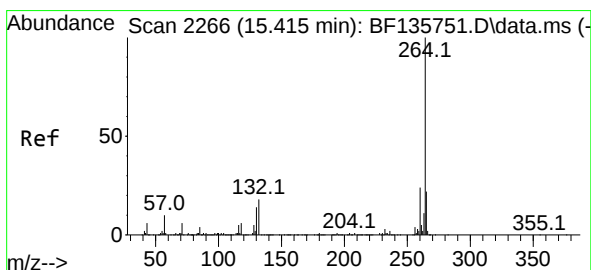
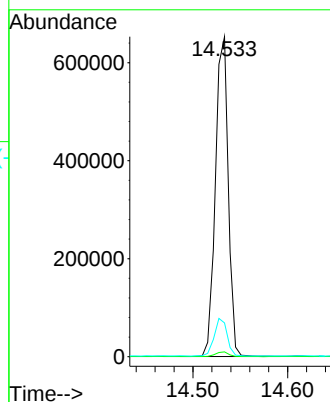
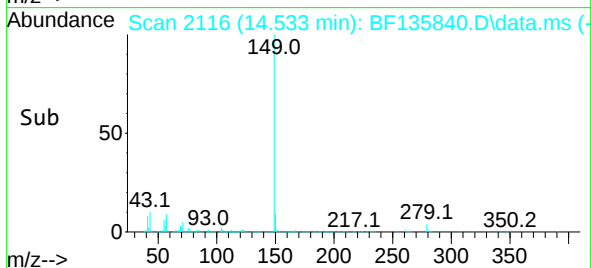
43 11.8 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

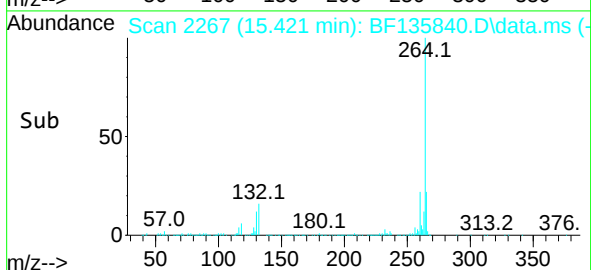
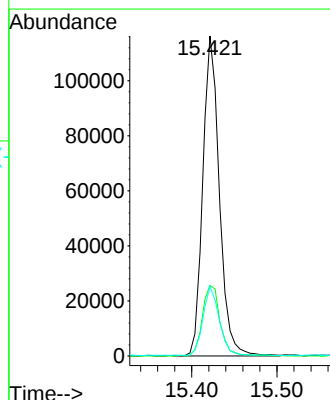
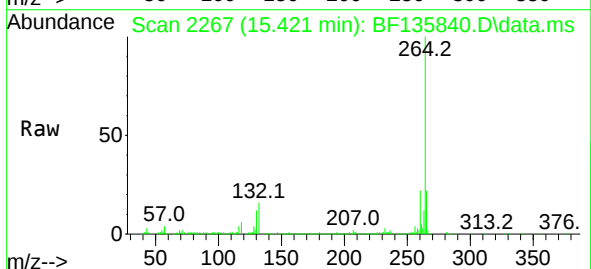
Tgt Ion:264 Resp: 156965

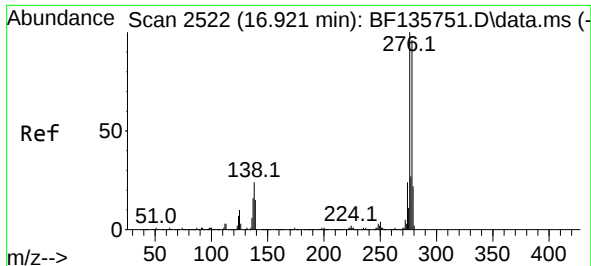
Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.726 ng
RT: 16.939 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

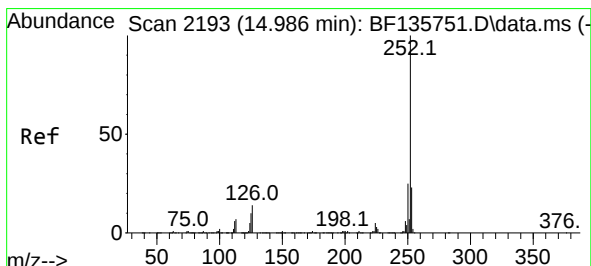
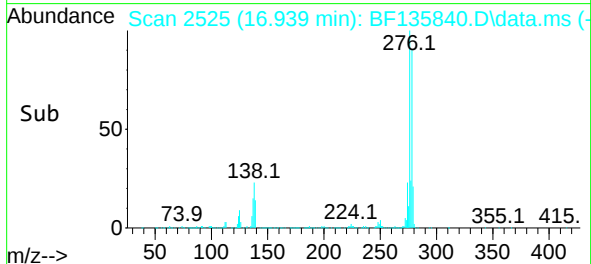
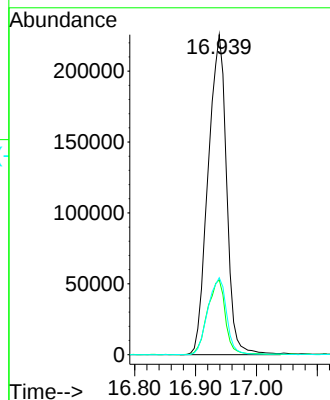
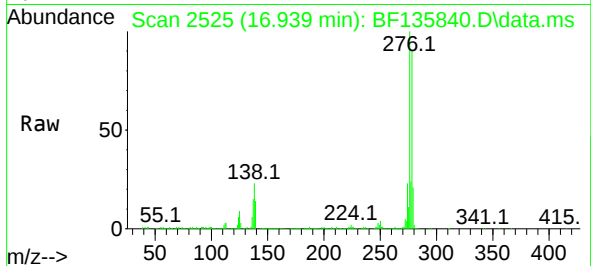
ClientSampleId :

PB156392BS

Tgt Ion:276 Resp: 47660
Ion Ratio Lower Upper
276 100
138 22.8 19.8 29.6
277 24.4 20.2 30.4

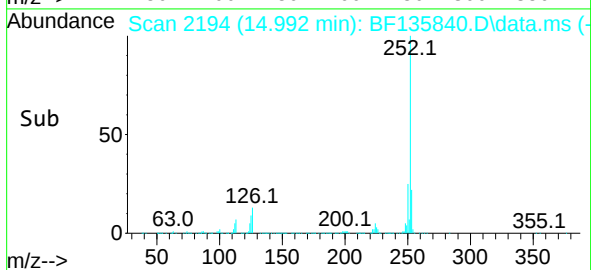
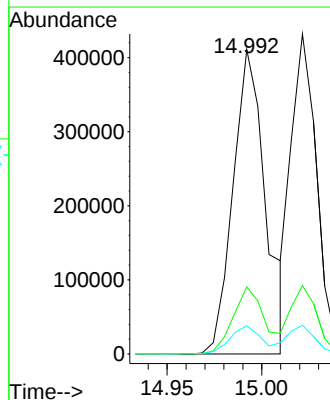
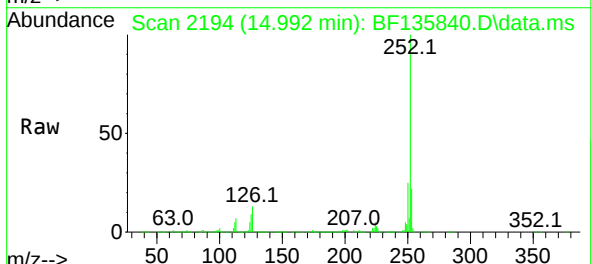
Manual Integrations
APPROVED

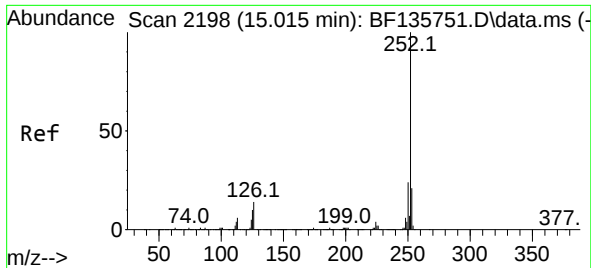
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#88
Benzo(b)fluoranthene
Concen: 55.851 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF135840.D
Acq: 18 Oct 2023 11:28

Tgt Ion:252 Resp: 490641
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.3 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 48.026 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

Tgt Ion:252 Resp: 409598

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

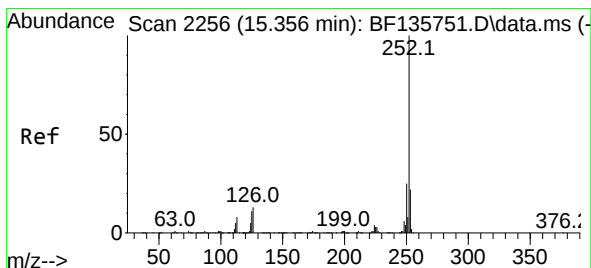
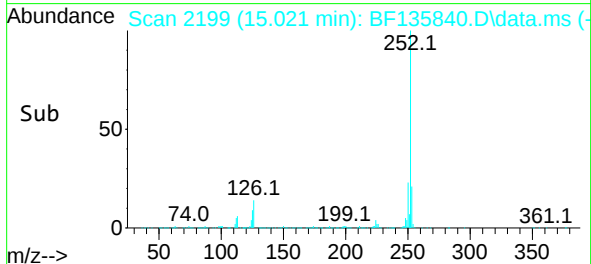
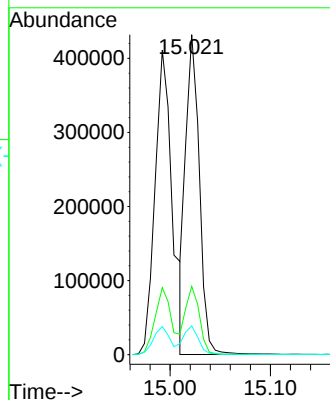
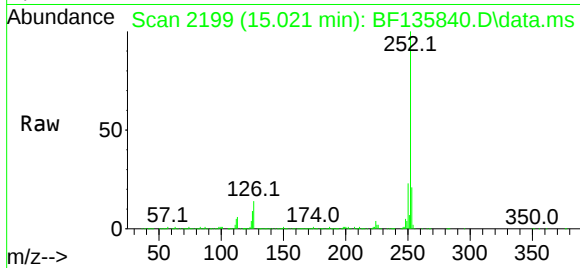
125 9.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#90

Benzo(a)pyrene

Concen: 46.933 ng

RT: 15.363 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

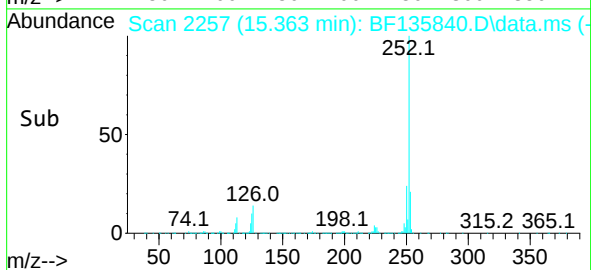
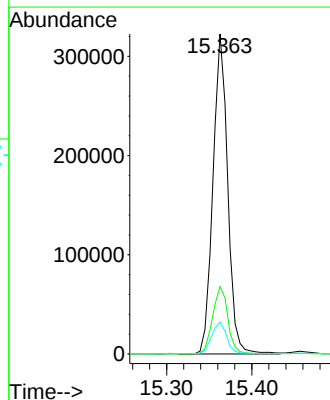
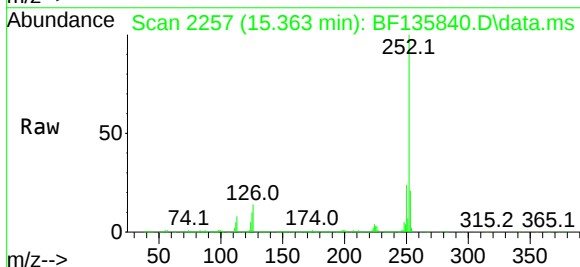
Tgt Ion:252 Resp: 387699

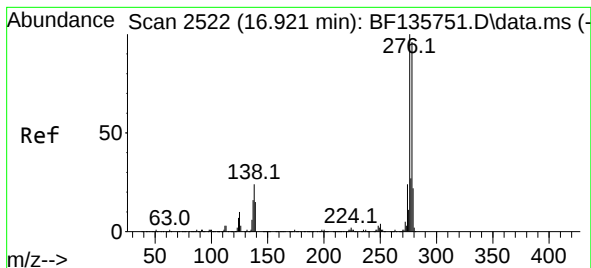
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 9.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 54.779 ng

RT: 16.939 min Scan# 2100

Delta R.T. 0.000 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB156392BS

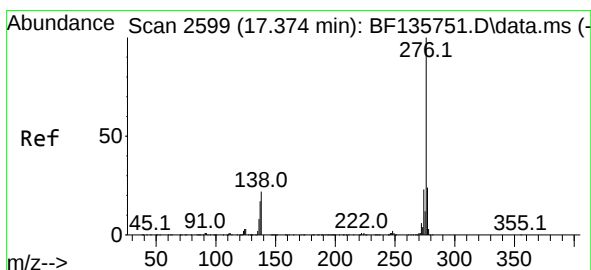
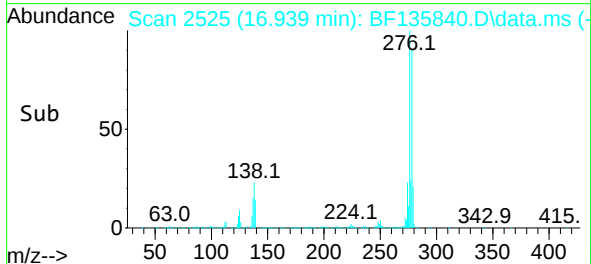
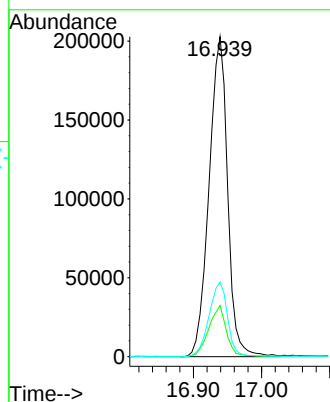
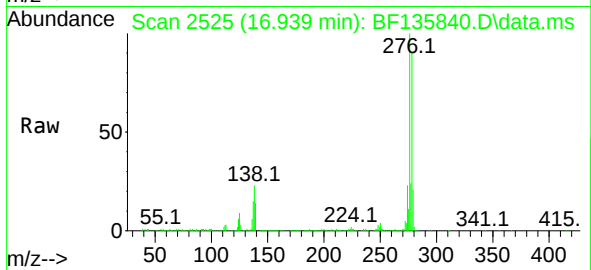
Tgt Ion:278 Resp: 384072
 Ion Ratio Lower Upper
 278 100
 139 16.0 12.5 18.7
 279 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#92

Benzo(g,h,i)perylene

Concen: 56.341 ng

RT: 17.392 min Scan# 2602

Delta R.T. 0.006 min

Lab File: BF135840.D

Acq: 18 Oct 2023 11:28

Tgt Ion:276 Resp: 405770
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.4 29.2
 138 19.7 17.3 25.9

