

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135805.D
 Acq On : 17 Oct 2023 11:27
 Operator : CG\JU
 Sample : PB156118BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 18 01:33:29 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	6.739	152	124360	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	506093	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	256466	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	496803	20.000	ng	0.00
76) Chrysene-d12	13.945	240	318750	20.000	ng	0.00
86) Perylene-d12	15.415	264	287654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	899005	116.225	ng	0.01
7) Phenol-d6	6.398	99	1115201	115.551	ng	0.00
23) Nitrobenzene-d5	7.316	82	713018	77.487	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	317237	128.906	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1221370	74.459	ng	0.00
79) Terphenyl-d14	12.874	244	1475370	85.718	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	118811	31.845	ng	100
3) Pyridine	3.334	79	267643	29.237	ng	96
4) n-Nitrosodimethylamine	3.281	42	199379	40.501	ng	96
6) Aniline	6.410	93	356255	29.332	ng	# 46
8) 2-Chlorophenol	6.534	128	366273	43.911	ng	98
9) Benzaldehyde	6.298	77	68288	12.432	ng	100
10) Phenol	6.410	94	433893	42.906	ng	93
11) bis(2-Chloroethyl)ether	6.481	93	343096	42.107	ng	99
12) 1,3-Dichlorobenzene	6.675	146	361581	42.759	ng	98
13) 1,4-Dichlorobenzene	6.757	146	366339	42.764	ng	99
14) 1,2-Dichlorobenzene	6.904	146	334185	43.326	ng	99
15) Benzyl Alcohol	6.898	79	294504	45.893	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	602859	40.908	ng	73
17) 2-Methylphenol	7.010	107	281864	39.035	ng	96
18) Hexachloroethane	7.239	117	135925	43.762	ng	93
19) n-Nitroso-di-n-propyla...	7.163	70	243519	40.808	ng	97
20) 3+4-Methylphenols	7.169	107	361453	40.153	ng	97
22) Acetophenone	7.157	105	491163	42.317	ng	99
24) Nitrobenzene	7.333	77	380526	41.204	ng	98
25) Isophorone	7.569	82	693834	39.968	ng	99
26) 2-Nitrophenol	7.645	139	194569	43.171	ng	99
27) 2,4-Dimethylphenol	7.692	122	296954	40.024	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	418622	40.492	ng	98
29) 2,4-Dichlorophenol	7.892	162	309684	44.540	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	303455	42.672	ng	99
31) Naphthalene	8.045	128	996214	40.357	ng	99
32) Benzoic acid	7.863	122	226582	45.116	ng	96
33) 4-Chloroaniline	8.104	127	238467	22.115	ng	95
34) Hexachlorobutadiene	8.151	225	173758	41.280	ng	99
35) Caprolactam	8.492	113	100049m	42.092	ng	
36) 4-Chloro-3-methylphenol	8.604	107	321166	41.652	ng	99
37) 2-Methylnaphthalene	8.733	142	615008	37.815	ng	99
38) 1-Methylnaphthalene	8.833	142	583149	38.875	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	296491	40.189	ng	99
41) Hexachlorocyclopentadiene	8.880	237	119303	79.046	ng	92
43) 2,4,6-Trichlorophenol	9.027	196	201289	42.341	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135805.D
 Acq On : 17 Oct 2023 11:27
 Operator : CG\JU
 Sample : PB156118BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

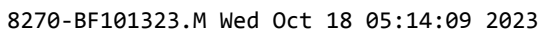
Quant Time: Oct 18 01:33:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	214623	38.815	ng	96
46) 1,1'-Biphenyl	9.204	154	790413	40.233	ng	98
47) 2-Chloronaphthalene	9.227	162	592352	41.837	ng	99
48) 2-Nitroaniline	9.339	65	232289	41.564	ng	99
49) Acenaphthylene	9.645	152	957207	40.853	ng	100
50) Dimethylphthalate	9.510	163	716651	41.393	ng	99
51) 2,6-Dinitrotoluene	9.586	165	159505	42.842	ng	87
52) Acenaphthene	9.816	154	578120	41.165	ng	98
53) 3-Nitroaniline	9.757	138	150595	32.996	ng	97
54) 2,4-Dinitrophenol	9.880	184	165426	106.443	ng	94
55) Dibenzofuran	9.992	168	888321	41.921	ng	98
56) 4-Nitrophenol	9.945	139	197587	93.493	ng	94
57) 2,4-Dinitrotoluene	9.998	165	212286	44.818	ng	92
58) Fluorene	10.333	166	720564	43.435	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	189075	45.247	ng	98
60) Diethylphthalate	10.216	149	754238	42.673	ng	99
61) 4-Chlorophenyl-phenyle...	10.321	204	343407	42.830	ng	98
62) 4-Nitroaniline	10.386	138	182737	43.517	ng	95
63) Azobenzene	10.486	77	740900	43.145	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	116583	46.629	ng	95
66) n-Nitrosodiphenylamine	10.451	169	671024	44.314	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	214776	43.067	ng	98
68) Hexachlorobenzene	10.886	284	238094	46.893	ng	99
69) Atrazine	10.986	200	204132	49.562	ng	99
70) Pentachlorophenol	11.092	266	161449	80.622	ng	97
71) Phenanthrene	11.304	178	979026	41.137	ng	100
72) Anthracene	11.357	178	1000919	40.586	ng	100
73) Carbazole	11.521	167	966775	42.033	ng	99
74) Di-n-butylphthalate	11.839	149	1178973	41.750	ng	100
75) Fluoranthene	12.498	202	1122851	42.510	ng	99
77) Benzidine	12.627	184	246366	35.421	ng	98
78) Pyrene	12.733	202	1141446	45.064	ng	99
80) Butylbenzylphthalate	13.351	149	510918	45.902	ng	97
81) Benzo(a)anthracene	13.933	228	916545	43.777	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	250645	36.097	ng	98
83) Chrysene	13.968	228	834542	41.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.909	149	662538	43.918	ng	100
85) Di-n-octyl phthalate	14.527	149	1049324	43.865	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	675263	43.083	ng	98
88) Benzo(b)fluoranthene	14.986	252	791902	49.190	ng	99
89) Benzo(k)fluoranthene	15.015	252	664845	42.537	ng	99
90) Benzo(a)pyrene	15.356	252	637443	42.108	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	555496	43.233	ng	98
92) Benzo(g,h,i)perylene	17.380	276	558834	42.341	ng	97

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

Manual Integrations

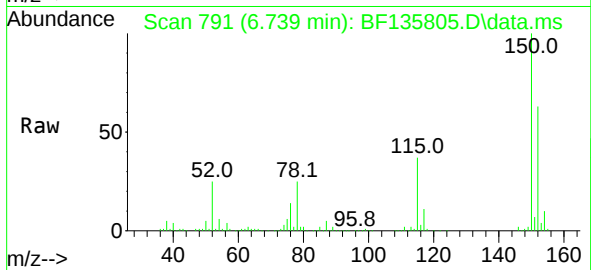
Quant Time: Oct 18 01:33:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135805.D
 Acq: 17 Oct 2023 11:27

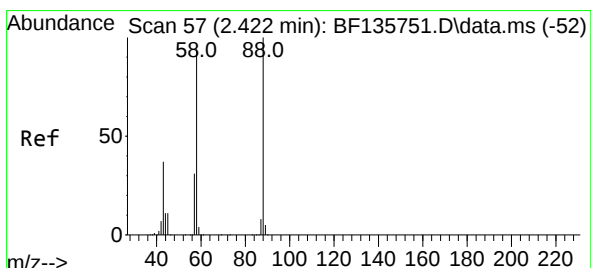
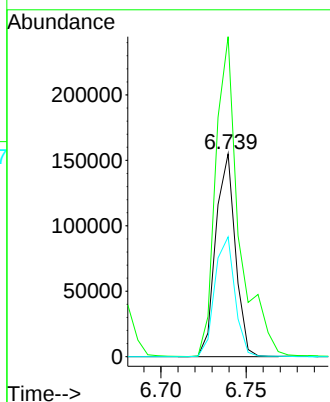
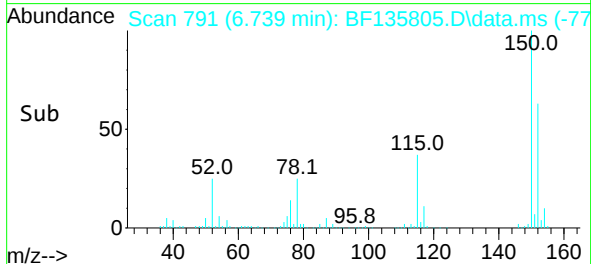
Instrument :
 BNA_F
 ClientSampleId :
 PB156118BS



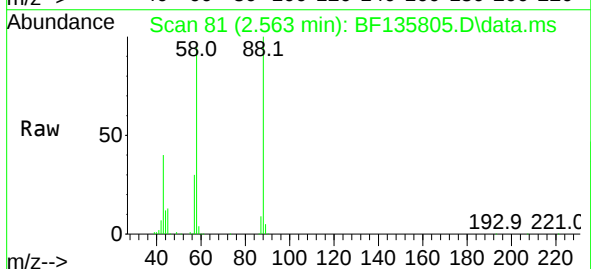
Tgt Ion:152 Resp: 124360
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.5 186.7
 115 59.1 49.0 73.4

Manual Integrations
 APPROVED

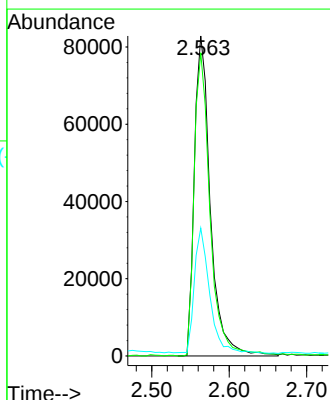
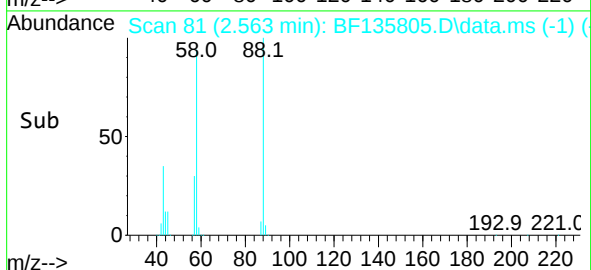
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

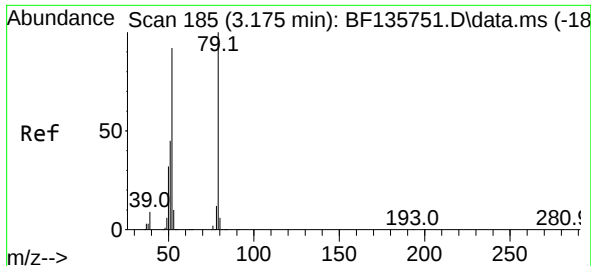


#2
 1,4-Dioxane
 Concen: 31.845 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.123 min
 Lab File: BF135805.D
 Acq: 17 Oct 2023 11:27



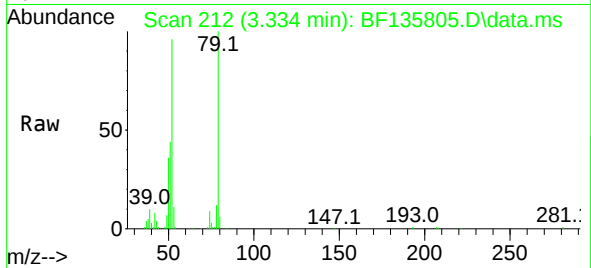
Tgt Ion: 88 Resp: 118811
 Ion Ratio Lower Upper
 88 100
 58 95.0 76.1 114.1
 43 37.3 29.8 44.8





#3
Pyridine
Concen: 29.237 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.147 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

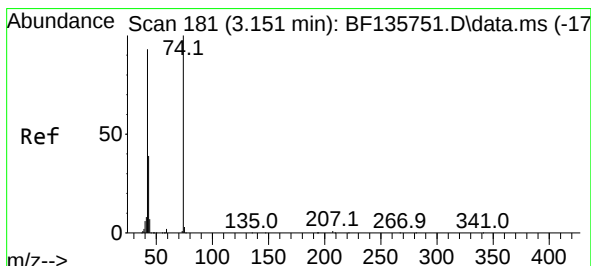
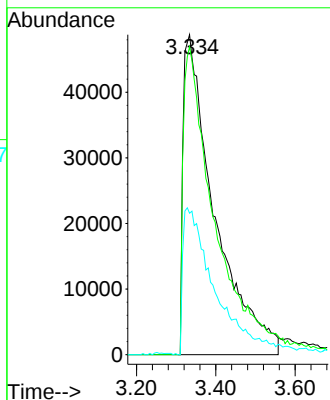
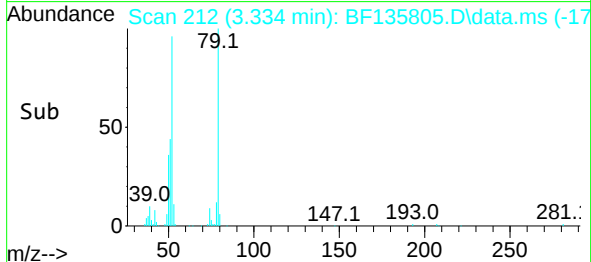
Instrument :
BNA_F
ClientSampleId :
PB156118BS



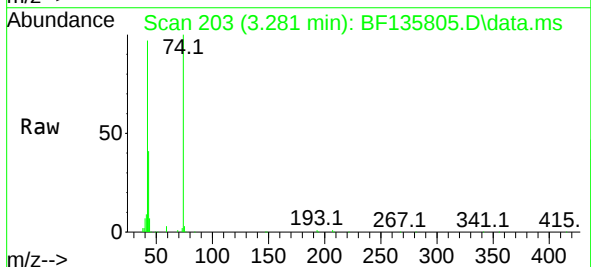
Tgt Ion: 79 Resp: 26764
Ion Ratio Lower Upper
79 100
52 96.2 73.4 110.2
51 44.2 36.5 54.7

Manual Integrations
APPROVED

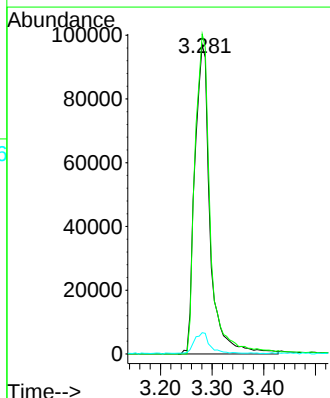
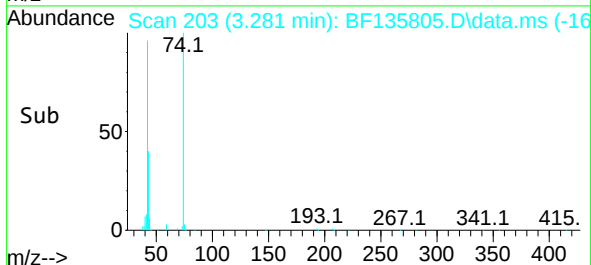
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

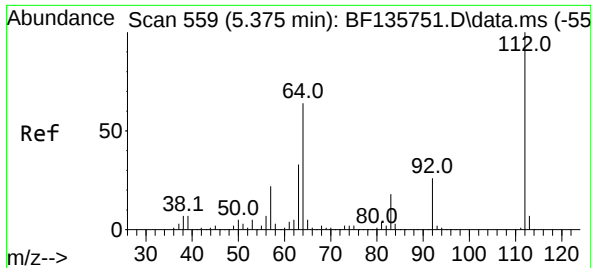


#4
n-Nitrosodimethylamine
Concen: 40.501 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.111 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



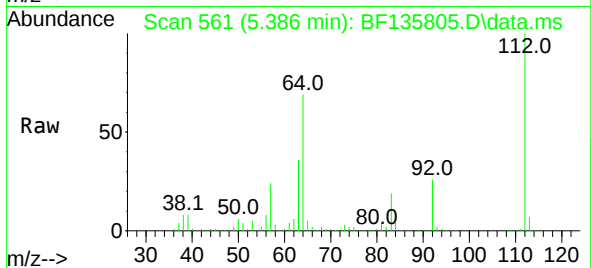
Tgt Ion: 42 Resp: 199379
Ion Ratio Lower Upper
42 100
74 103.5 86.5 129.7
44 6.9 5.9 8.9





#5
2-Fluorophenol
Concen: 116.225 ng
RT: 5.386 min Scan# 50
Delta R.T. 0.011 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

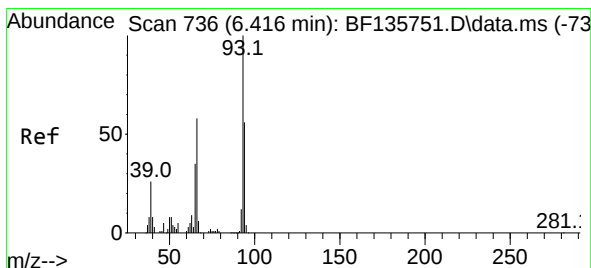
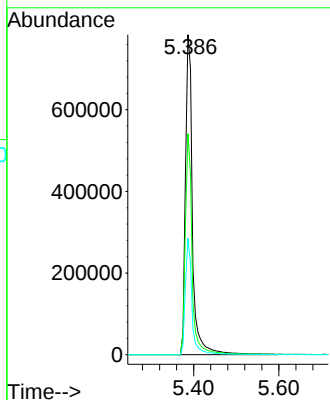
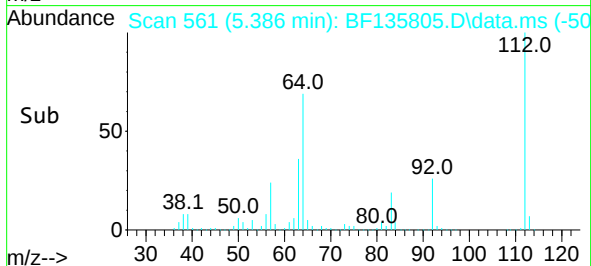
Instrument :
BNA_F
ClientSampleId :
PB156118BS



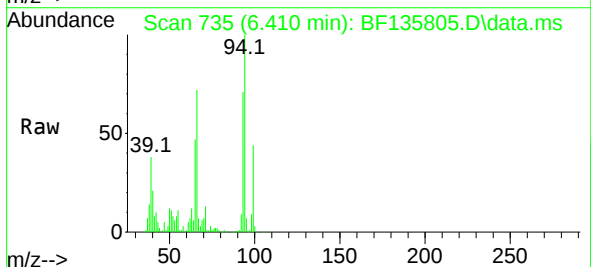
Tgt Ion:112 Resp: 89900
Ion Ratio Lower Upper
112 100
64 69.0 51.2 76.8
63 36.4 26.1 39.1

Manual Integrations
APPROVED

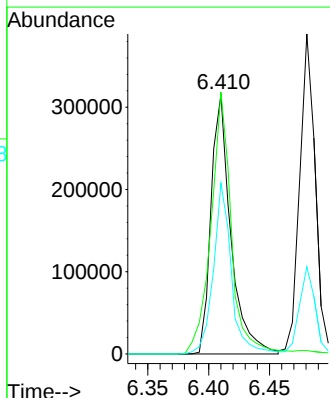
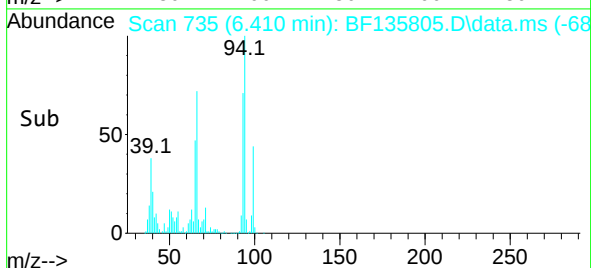
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

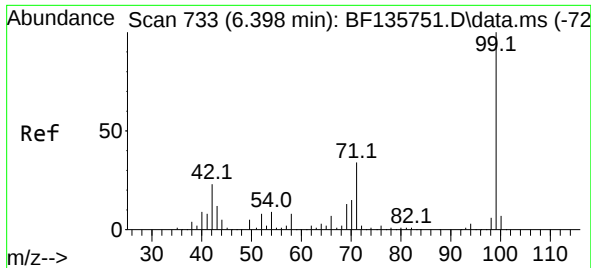


#6
Aniline
Concen: 29.332 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion: 93 Resp: 356255
Ion Ratio Lower Upper
93 100
66 100.9 47.6 71.4#
65 65.8 28.5 42.7#





#7

Phenol-d6

Concen: 115.551 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion: 99 Resp: 111520

Ion Ratio Lower Upper

99 100

42 23.4 18.4 27.6

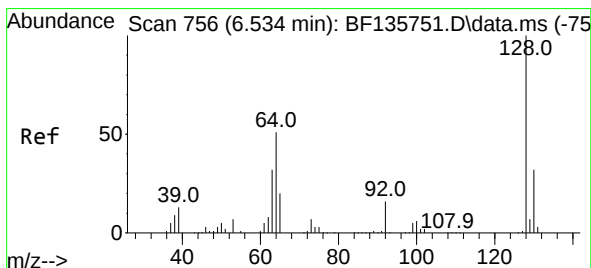
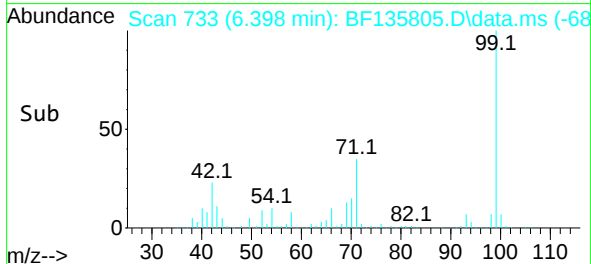
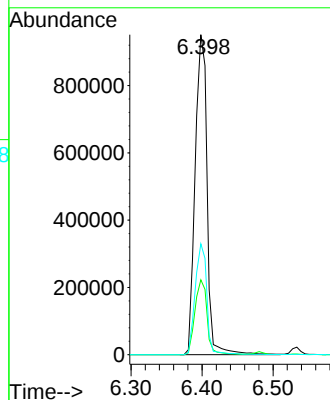
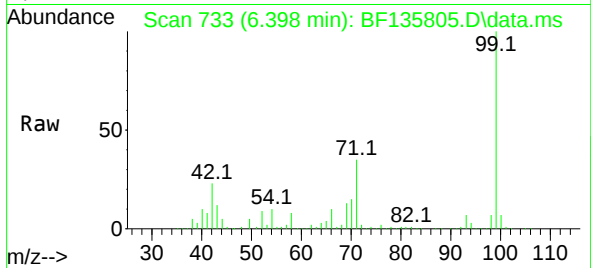
71 34.7 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#8

2-Chlorophenol

Concen: 43.911 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

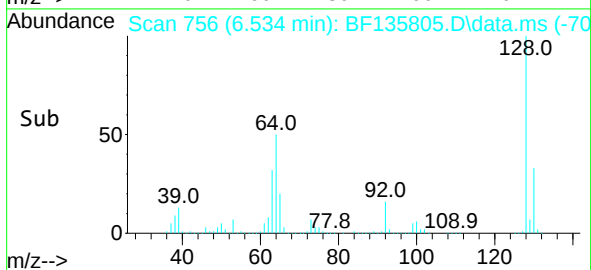
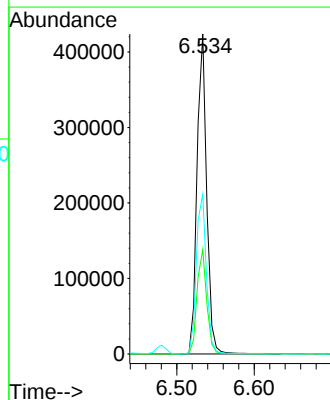
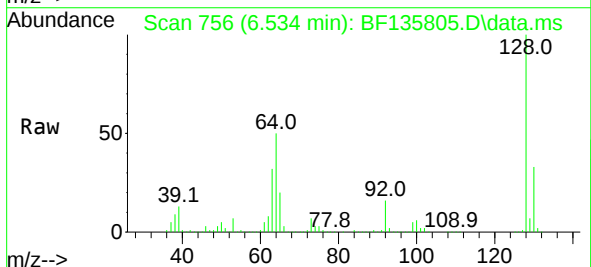
Tgt Ion:128 Resp: 366273

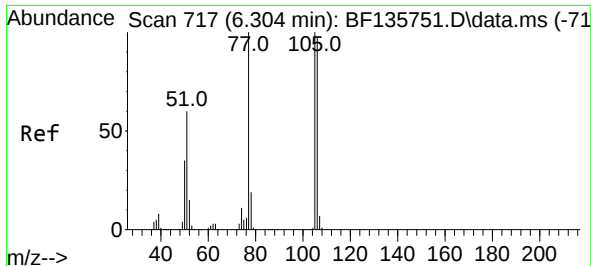
Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

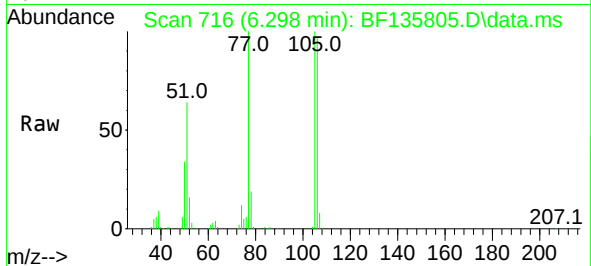
64 50.0 32.3 72.3





#9
Benzaldehyde
Concen: 12.432 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

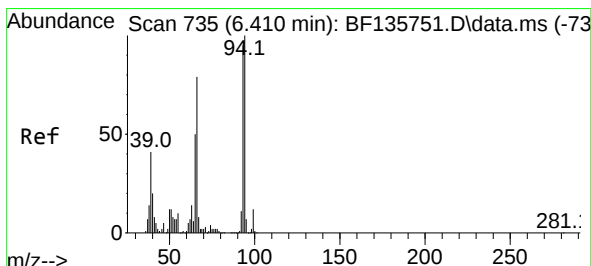
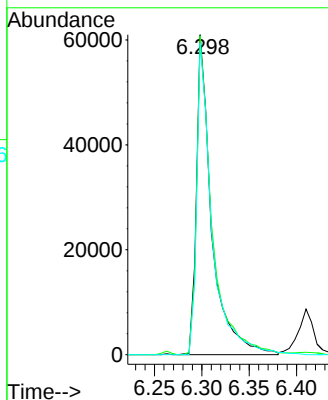
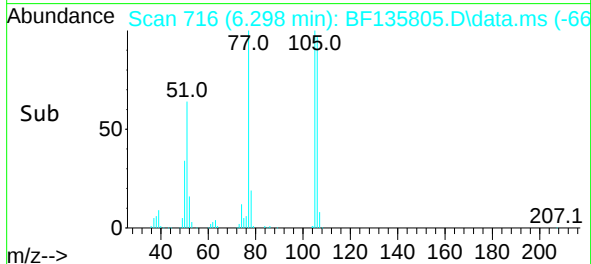
Instrument :
BNA_F
ClientSampleId :
PB156118BS



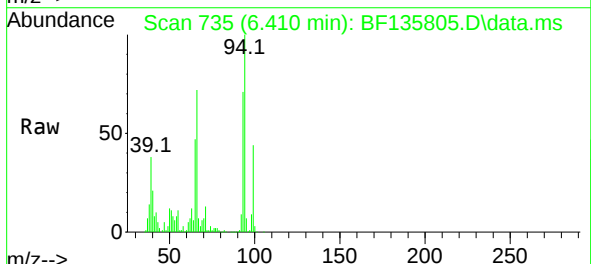
Tgt Ion: 77 Resp: 6828
Ion Ratio Lower Upper
77 100
105 99.7 79.9 119.9
106 97.4 77.1 117.1

Manual Integrations
APPROVED

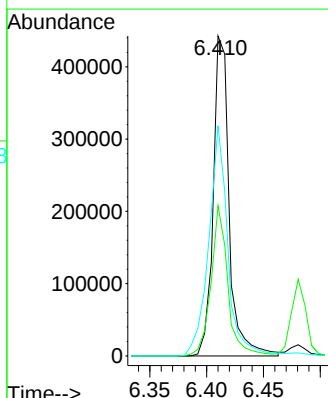
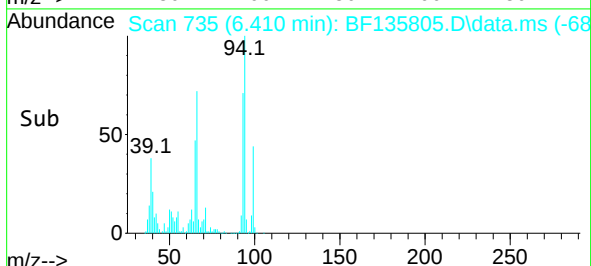
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

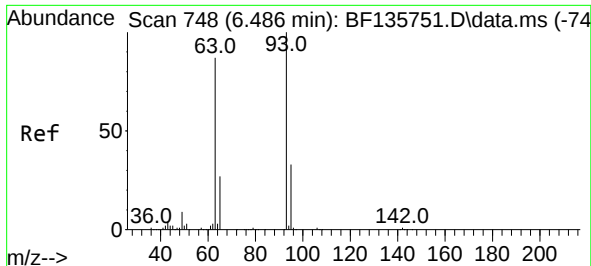


#10
Phenol
Concen: 42.906 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion: 94 Resp: 433893
Ion Ratio Lower Upper
94 100
65 46.9 30.3 70.3
66 72.0 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 42.107 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion: 93 Resp: 343090

Ion Ratio Lower Upper

93 100

63 87.2 66.3 106.3

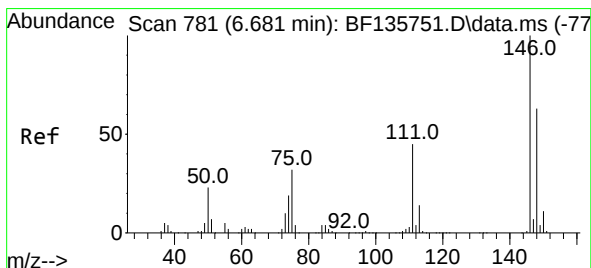
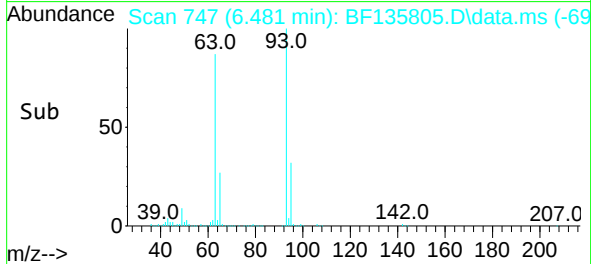
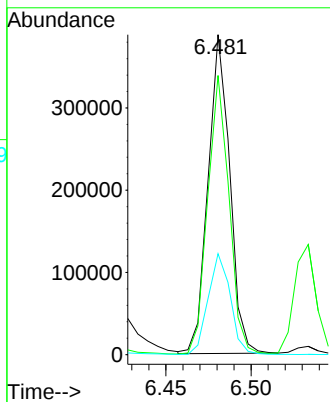
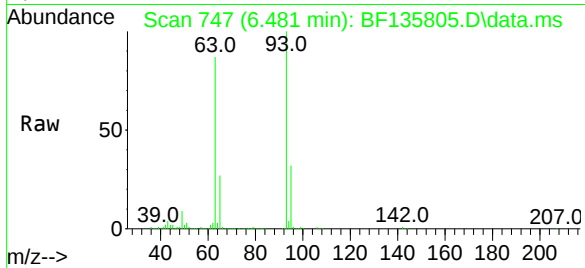
95 31.6 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#12

1,3-Dichlorobenzene

Concen: 42.759 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

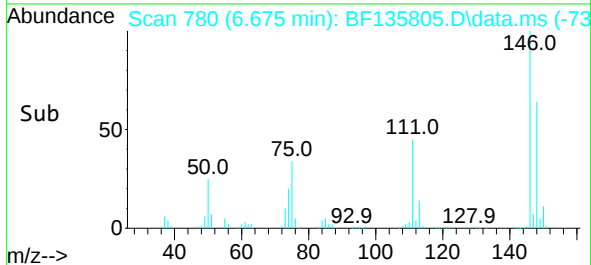
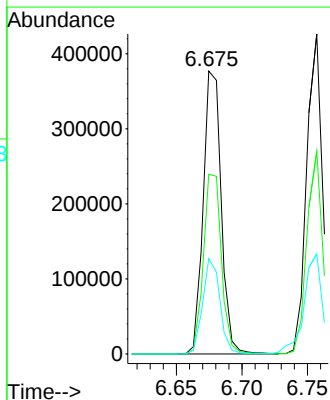
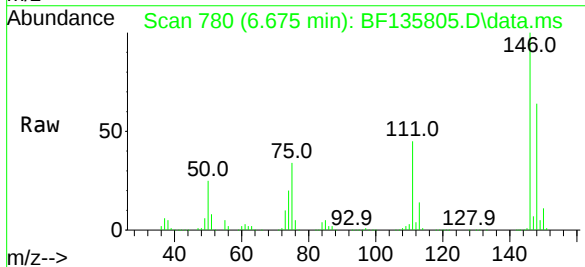
Tgt Ion:146 Resp: 361581

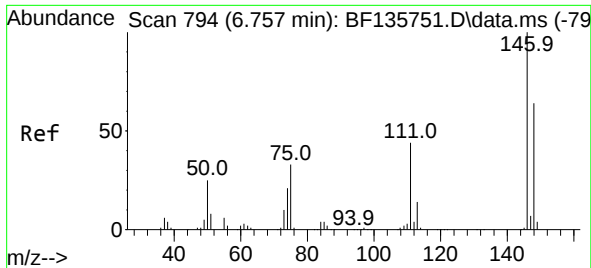
Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.4

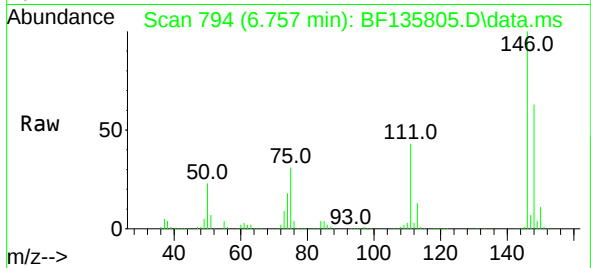
75 33.7 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 42.764 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

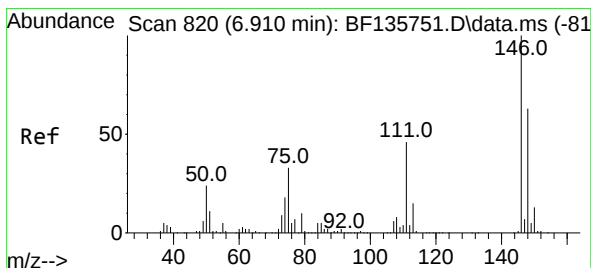
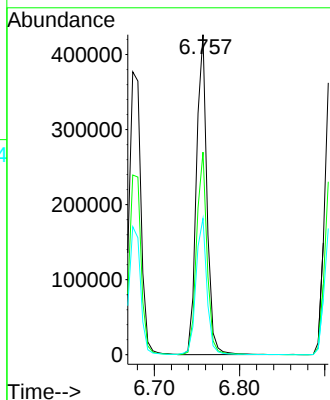
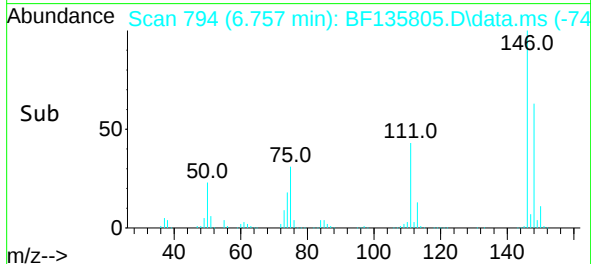
Instrument :
BNA_F
ClientSampleId :
PB156118BS



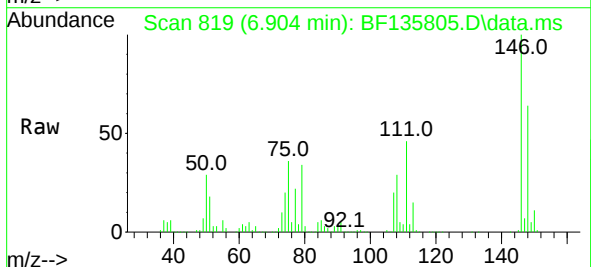
Tgt Ion:146 Resp: 366339
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 42.6 35.2 52.8

Manual Integrations
APPROVED

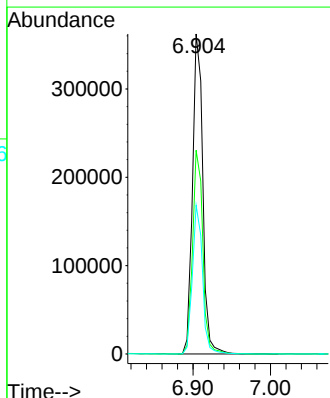
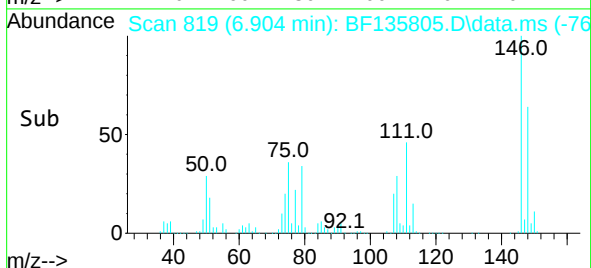
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

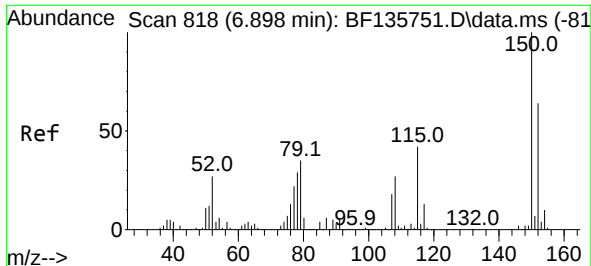


#14
1,2-Dichlorobenzene
Concen: 43.326 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



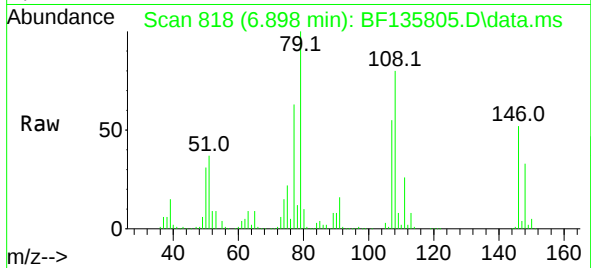
Tgt Ion:146 Resp: 334185
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 46.5 37.1 55.7





#15
Benzyl Alcohol
Concen: 45.893 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

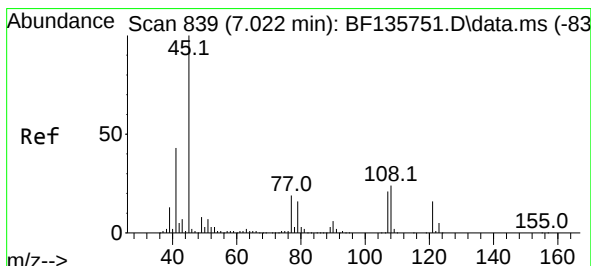
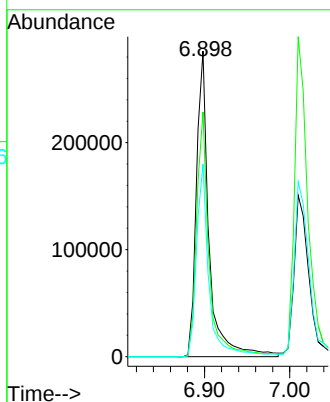
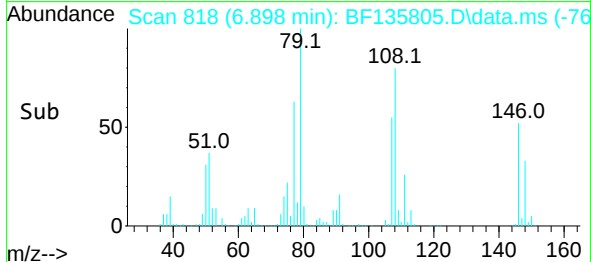
Instrument :
BNA_F
ClientSampleId :
PB156118BS



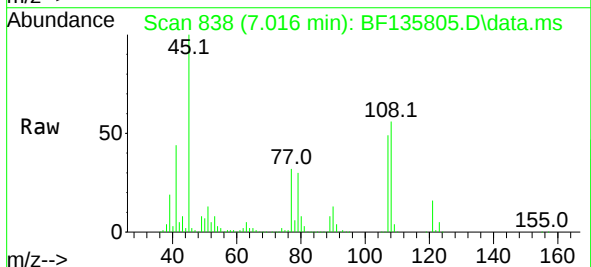
Tgt Ion: 79 Resp: 294504
Ion Ratio Lower Upper
79 100
108 80.0 62.0 93.0
77 63.0 50.5 75.7

Manual Integrations
APPROVED

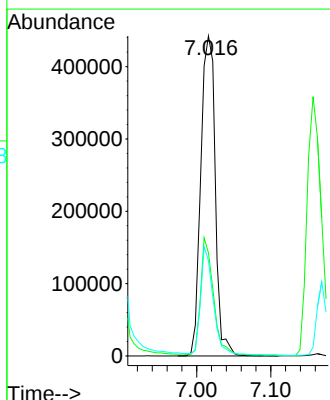
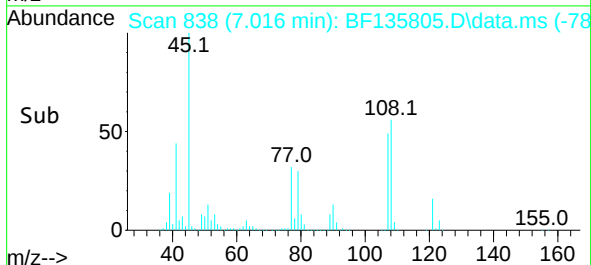
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

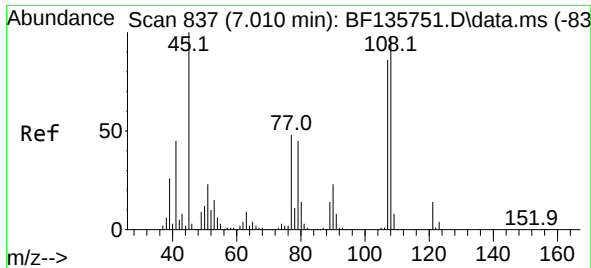


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.908 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion: 45 Resp: 602859
Ion Ratio Lower Upper
45 100
77 32.3 0.0 39.8
79 29.8 0.0 37.6





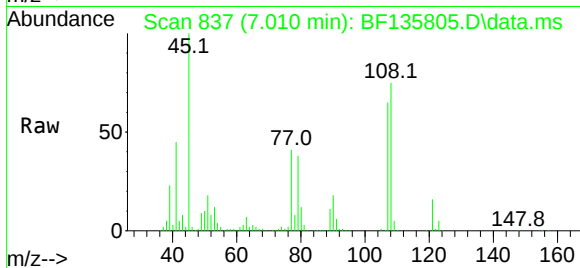
#17
2-Methylphenol
Concen: 39.035 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

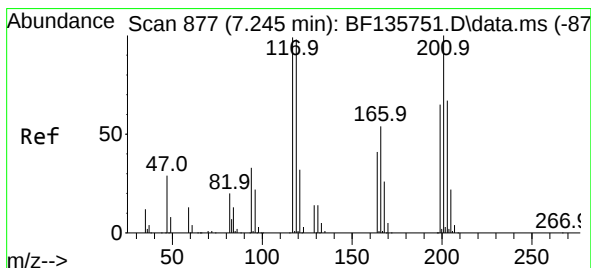
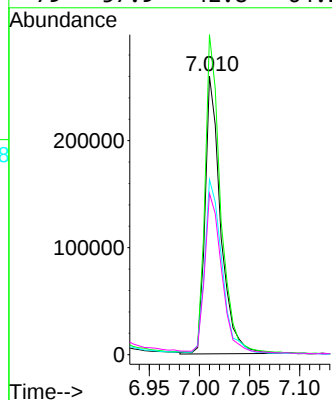


Tgt Ion:107 Resp: 281864
Ion Ratio Lower Upper
107 100
108 114.8 91.8 137.6
77 62.8 45.4 68.0
79 57.9 42.8 64.2

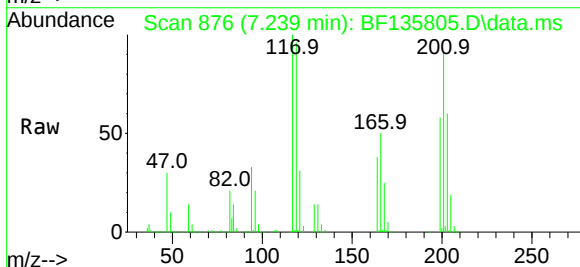
Manual Integrations

APPROVED

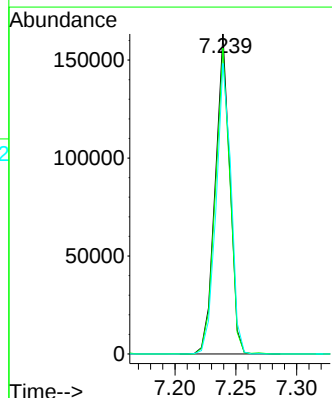
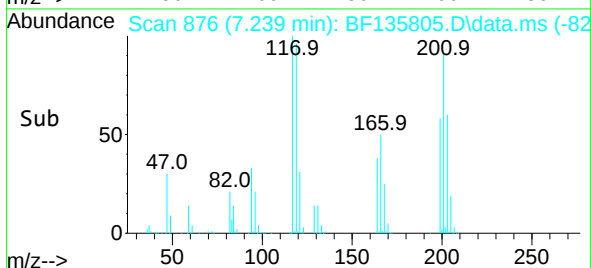
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

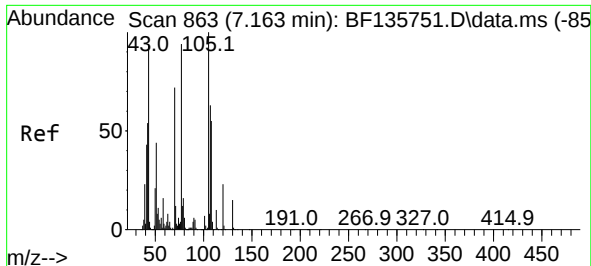


#18
Hexachloroethane
Concen: 43.762 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:117 Resp: 135925
Ion Ratio Lower Upper
117 100
119 95.5 79.5 119.3
201 90.8 80.9 121.3





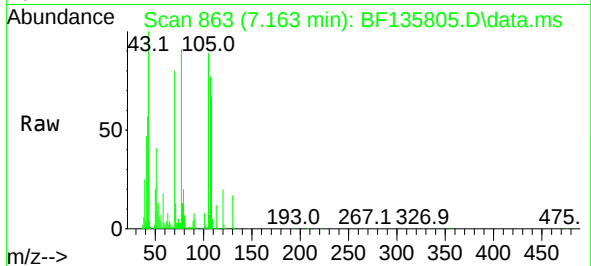
#19
n-Nitroso-di-n-propylamine
Concen: 40.808 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

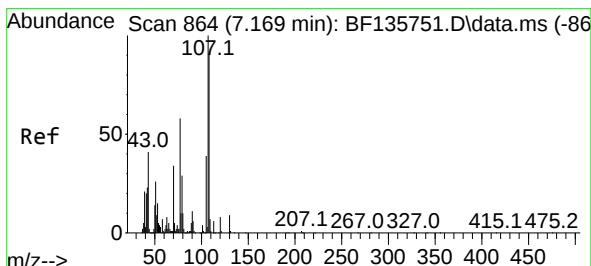
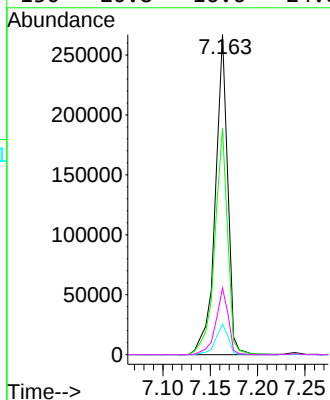
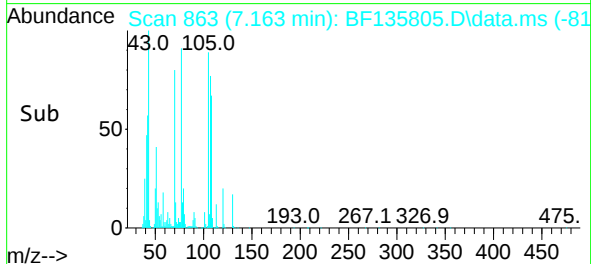
PB156118BS



Tgt Ion: 70 Resp: 243519
Ion Ratio Lower Upper
70 100
42 70.8 59.8 89.6
101 9.6 7.4 11.2
130 20.8 16.6 24.8

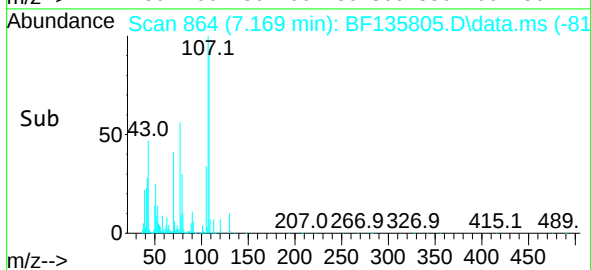
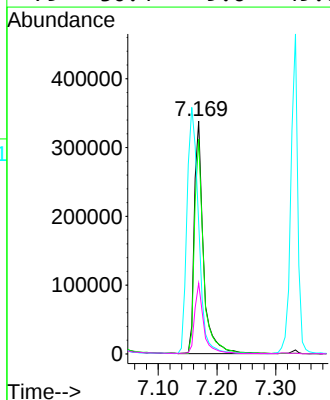
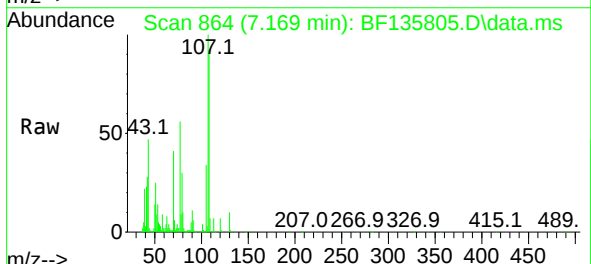
Manual Integrations
APPROVED

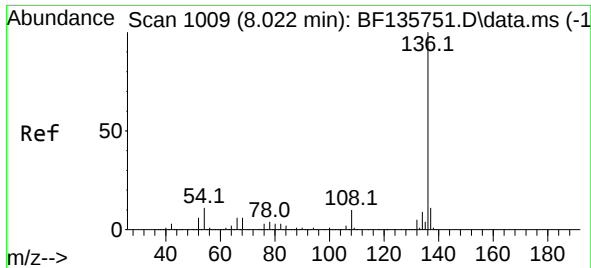
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#20
3+4-Methylphenols
Concen: 40.153 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Tgt Ion:107 Resp: 361453
Ion Ratio Lower Upper
107 100
108 92.3 71.1 111.1
77 56.4 42.0 82.0
79 30.4 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: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

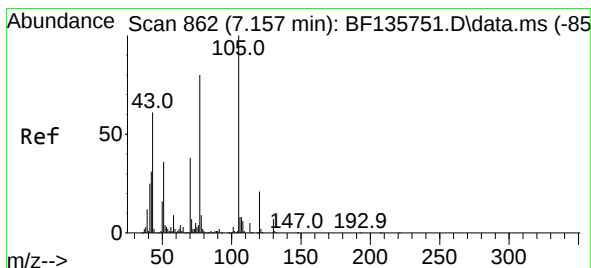
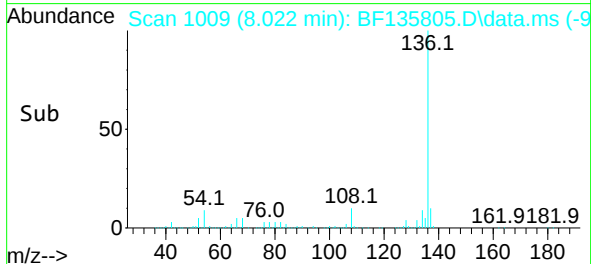
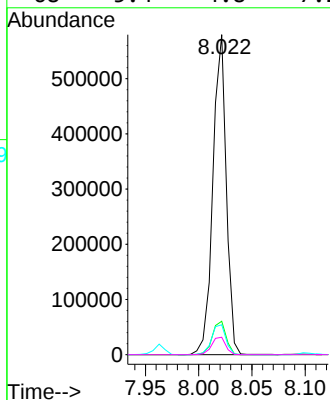
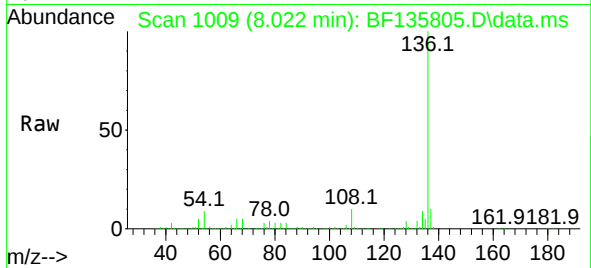
ClientSampleId :

PB156118BS

Tgt Ion:136 Resp: 506091
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.4 8.5 12.7
68 5.4 4.8 7.2

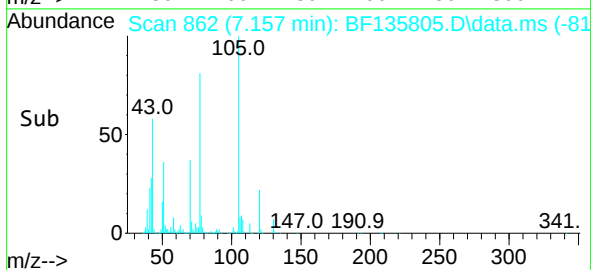
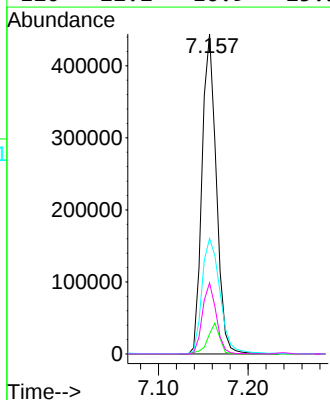
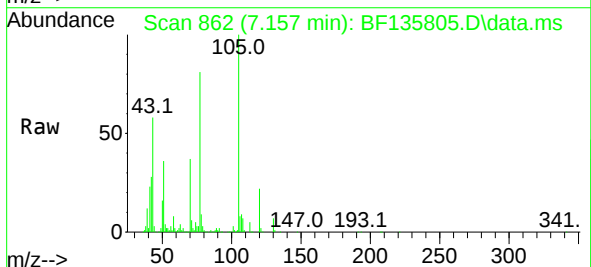
Manual Integrations
APPROVED

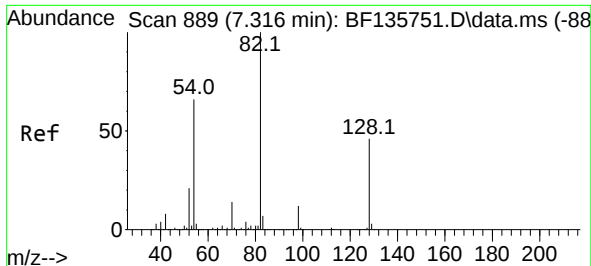
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#22
Acetophenone
Concen: 42.317 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Tgt Ion:105 Resp: 491163
Ion Ratio Lower Upper
105 100
71 6.3 5.4 8.0
51 36.1 29.4 44.0
120 22.2 16.9 25.3





#23

Nitrobenzene-d5

Concen: 77.487 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion: 82 Resp: 713018

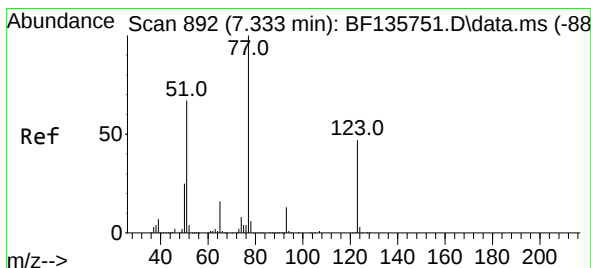
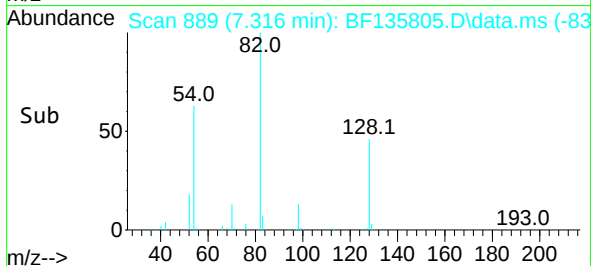
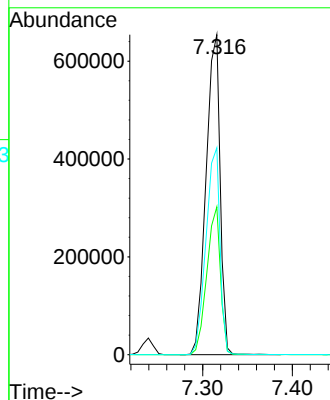
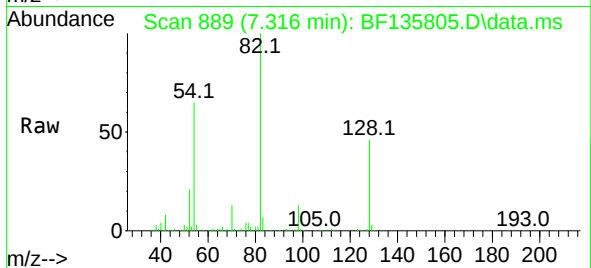
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.6
54	64.6	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#24

Nitrobenzene

Concen: 41.204 ng

RT: 7.333 min Scan# 892

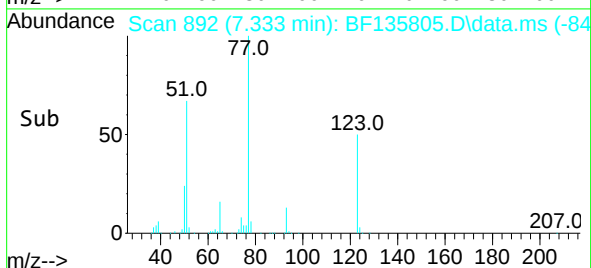
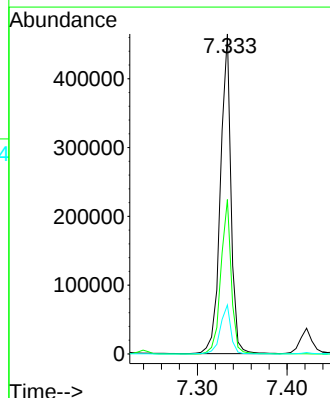
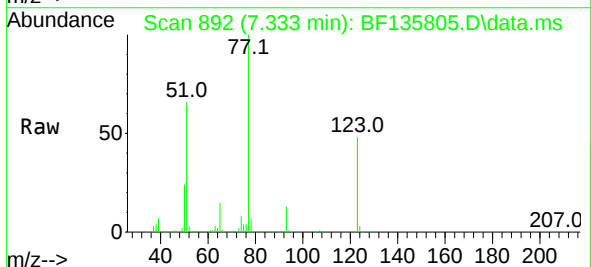
Delta R.T. -0.000 min

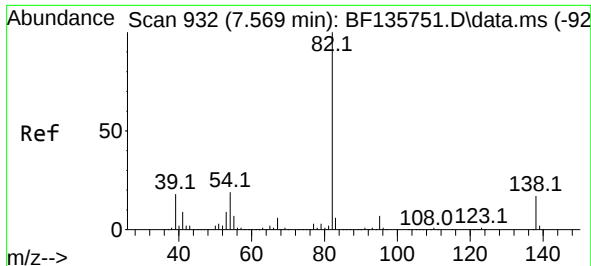
Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Tgt Ion: 77 Resp: 380526

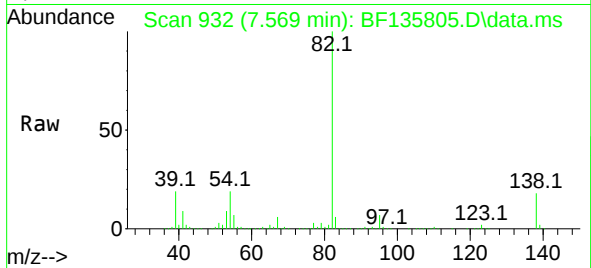
Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.3	55.9
65	15.3	12.6	18.8





#25
Isophorone
Concen: 39.968 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

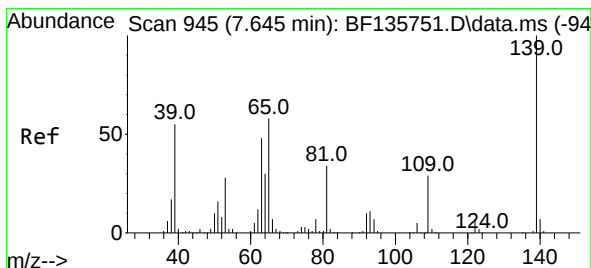
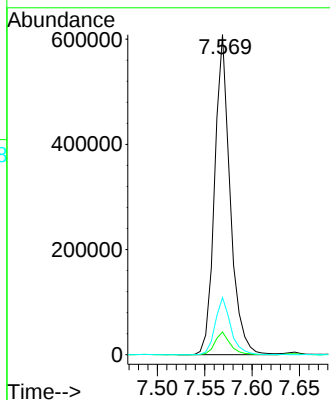
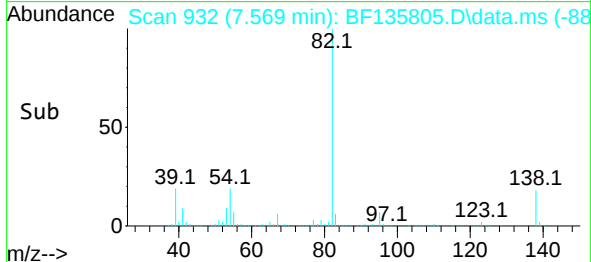
Instrument :
BNA_F
ClientSampleId :
PB156118BS



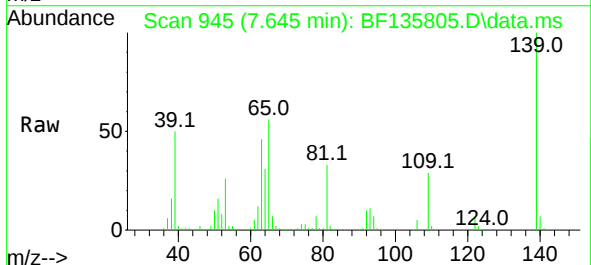
Tgt Ion: 82 Resp: 693834
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.8 13.9 20.9

Manual Integrations
APPROVED

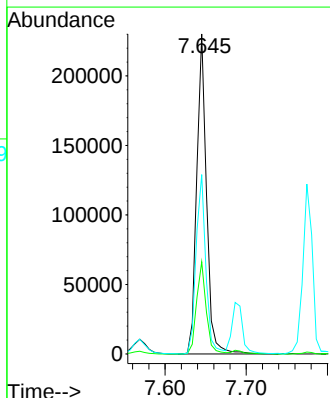
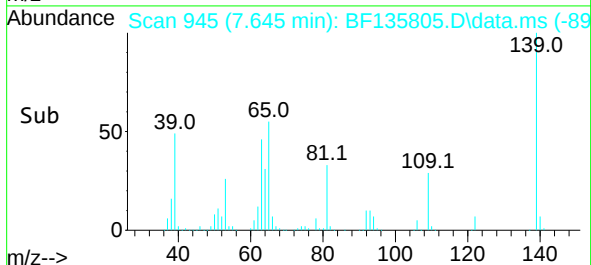
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

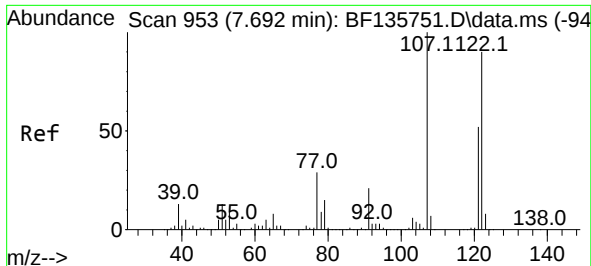


#26
2-Nitrophenol
Concen: 43.171 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:139 Resp: 194569
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.4
65 56.0 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 40.024 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135805.D

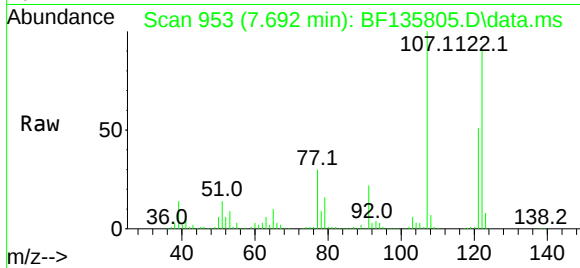
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



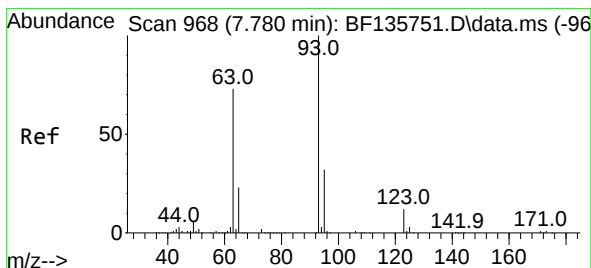
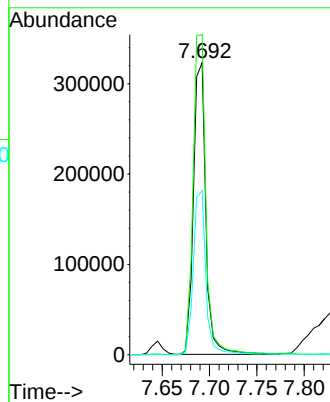
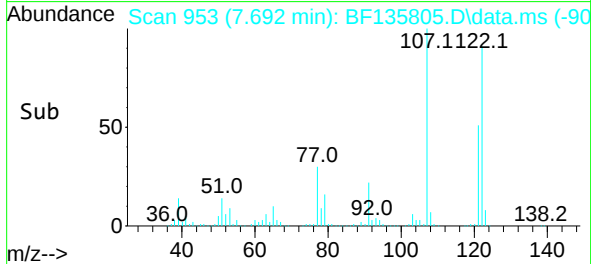
Tgt Ion:	122	Resp:	296954
Ion	Ratio	Lower	Upper
122	100		
107	109.6	88.2	132.4
121	56.2	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.492 ng

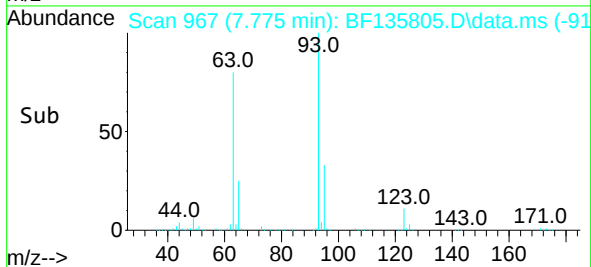
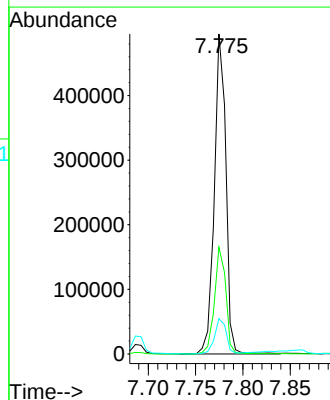
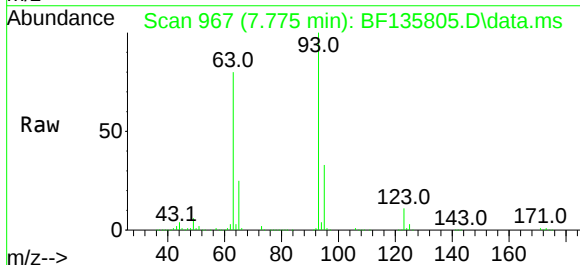
RT: 7.775 min Scan# 967

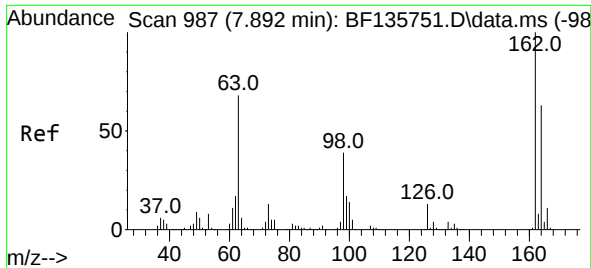
Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Tgt Ion:	93	Resp:	418622
Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	11.0	9.4	14.0





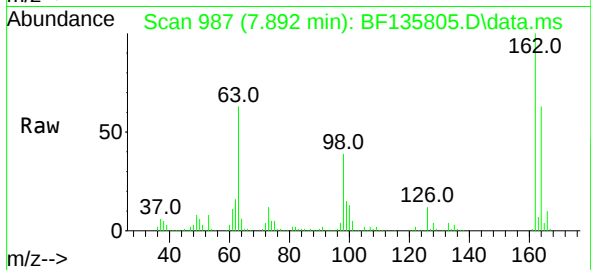
#29
2,4-Dichlorophenol
Concen: 44.540 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

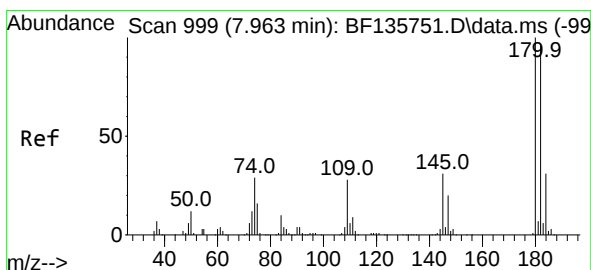
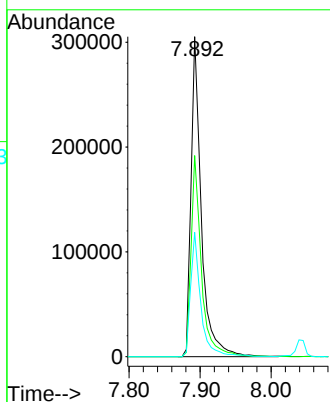
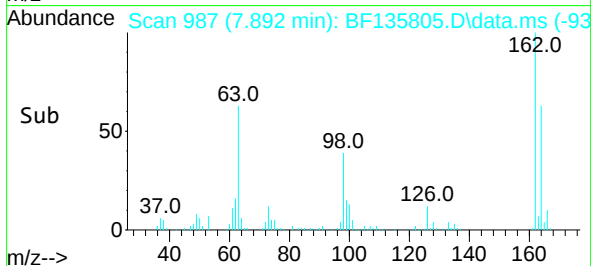
PB156118BS



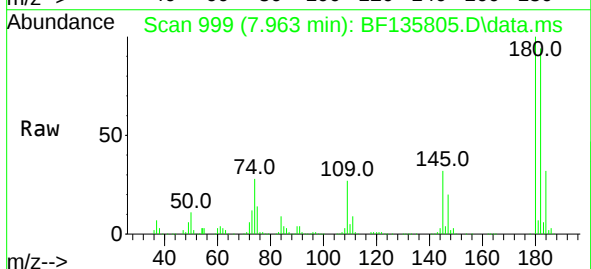
Tgt Ion:162 Resp: 309684
Ion Ratio Lower Upper
162 100
164 62.9 43.4 83.4
98 38.9 19.0 59.0

Manual Integrations
APPROVED

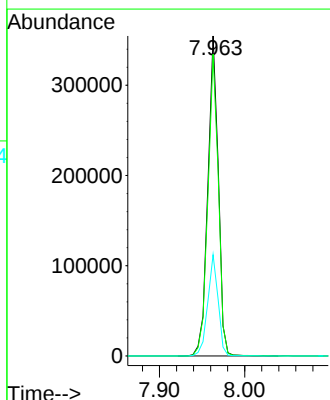
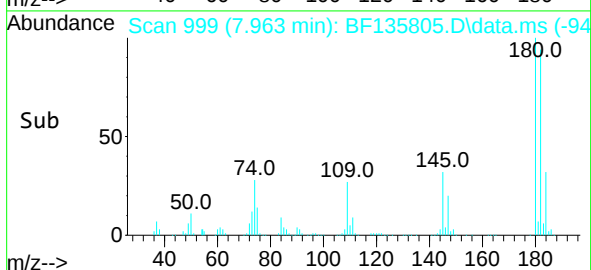
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

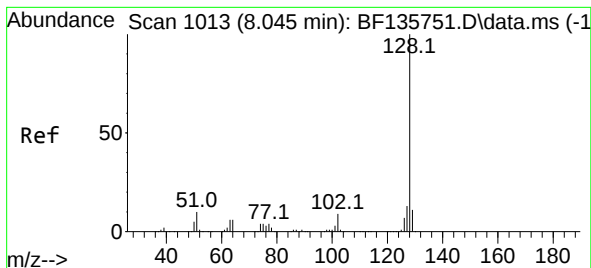


#30
1,2,4-Trichlorobenzene
Concen: 42.672 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:180 Resp: 303455
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 31.7 25.0 37.6





#31

Naphthalene

Concen: 40.357 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF135805.D

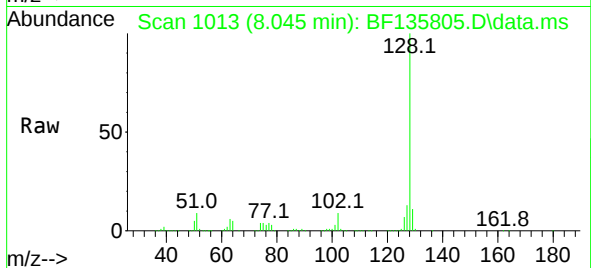
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



Tgt Ion:128 Resp: 996214

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

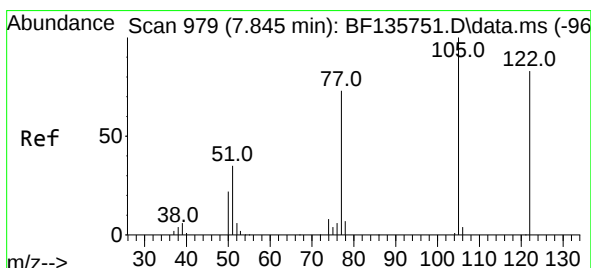
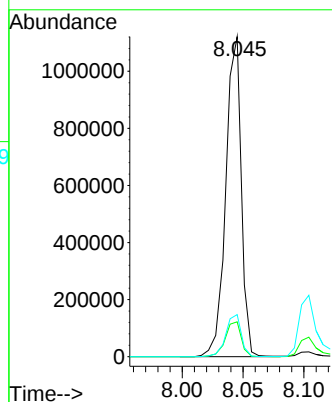
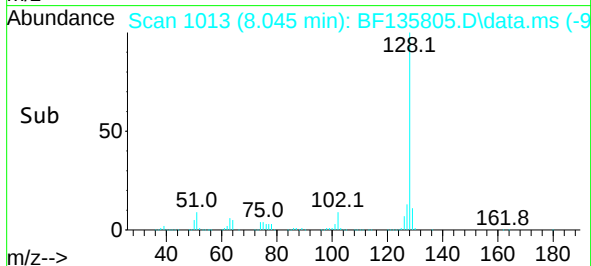
127 13.2 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#32

Benzoic acid

Concen: 45.116 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.011 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

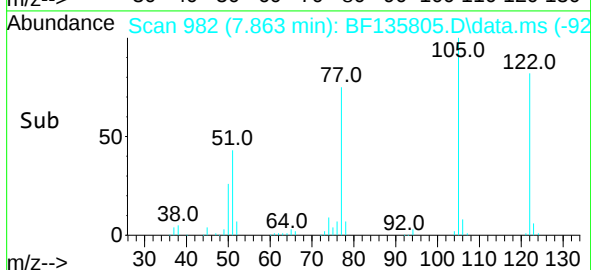
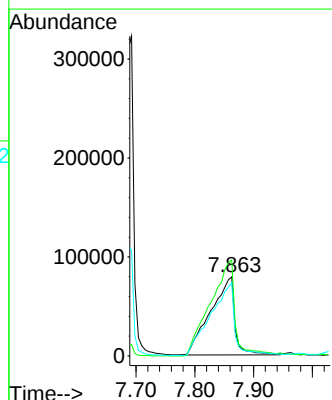
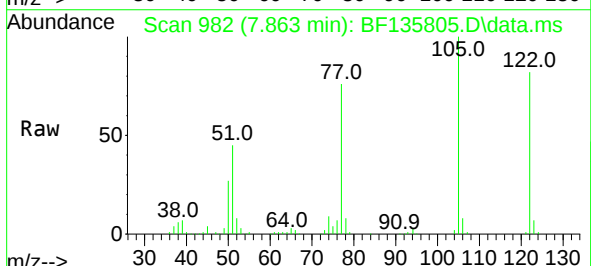
Tgt Ion:122 Resp: 226582

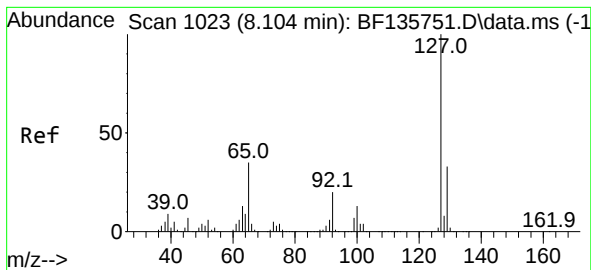
Ion Ratio Lower Upper

122 100

105 121.3 98.7 138.7

77 92.7 67.8 107.8





#33
4-Chloroaniline
Concen: 22.115 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

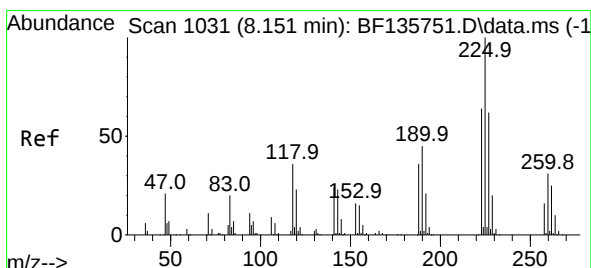
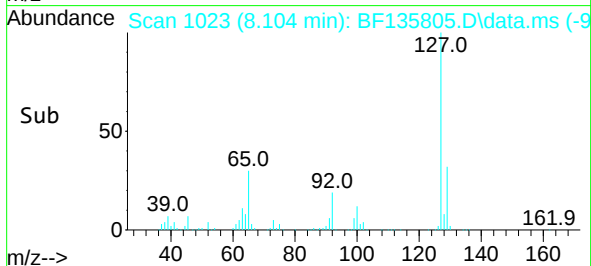
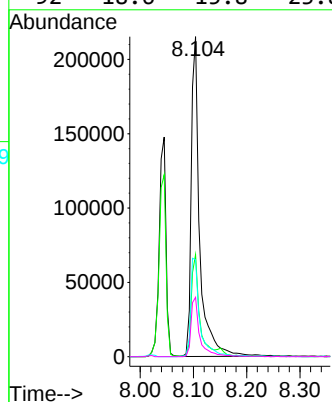
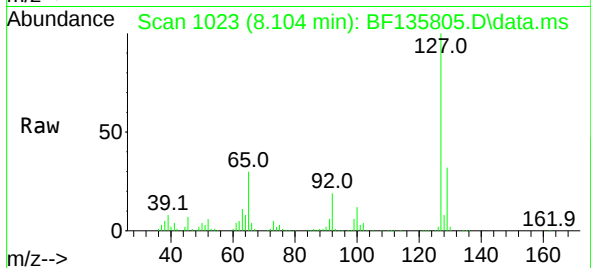
PB156118BS

Tgt Ion:127 Resp: 23846
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 30.3 27.9 41.9
92 18.6 15.8 23.8

Manual Integrations

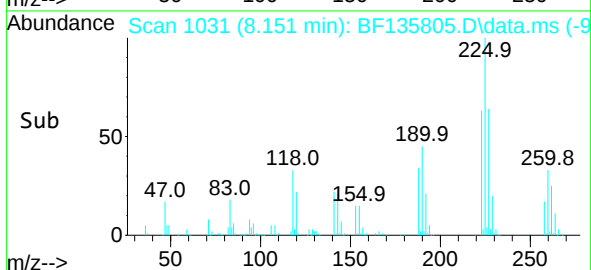
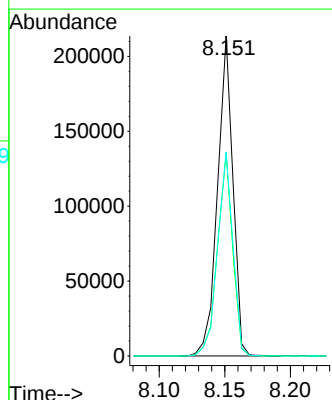
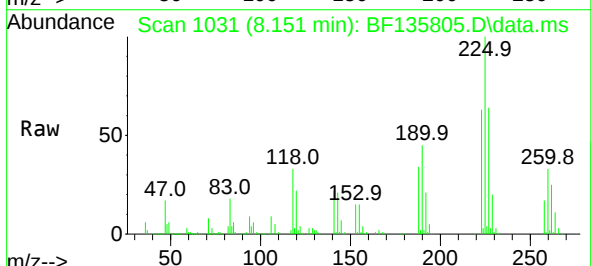
APPROVED

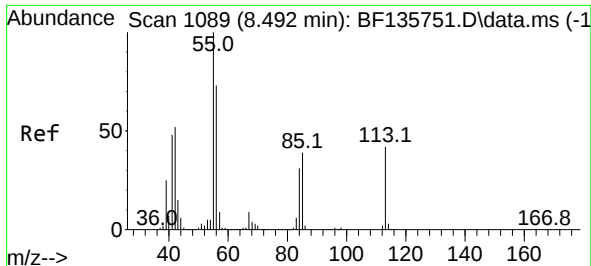
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Hexachlorobutadiene
Concen: 41.280 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

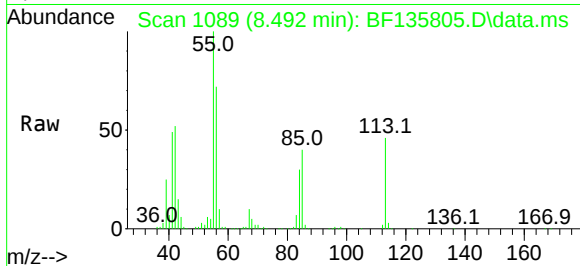
Tgt Ion:225 Resp: 173758
Ion Ratio Lower Upper
225 100
223 63.5 51.1 76.7
227 63.6 49.7 74.5





#35
 Caprolactam
 Concen: 42.092 ng m
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135805.D
 Acq: 17 Oct 2023 11:27

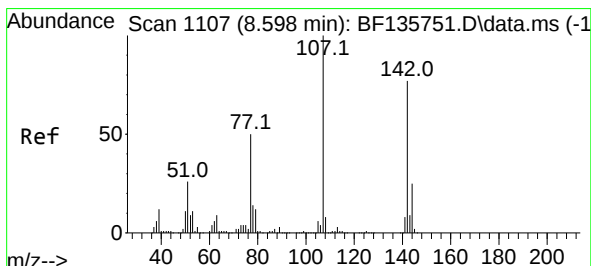
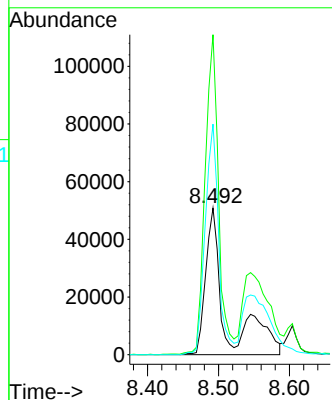
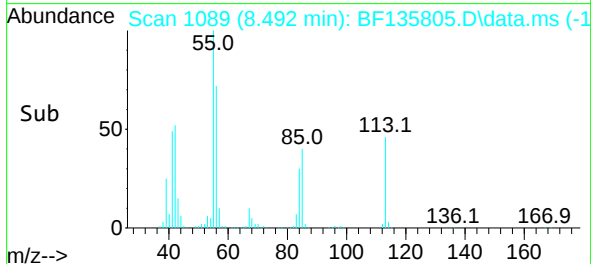
Instrument :
 BNA_F
 ClientSampleId :
 PB156118BS



Tgt Ion:113 Resp: 100049
 Ion Ratio Lower Upper
 113 100
 55 218.4 217.4 257.4
 56 157.4 153.1 193.1

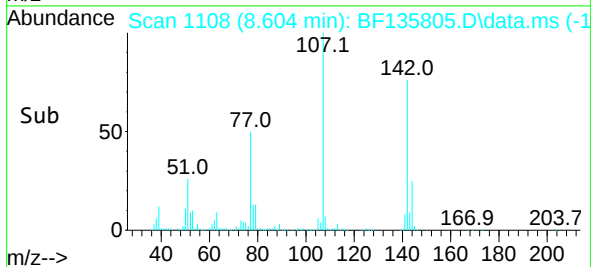
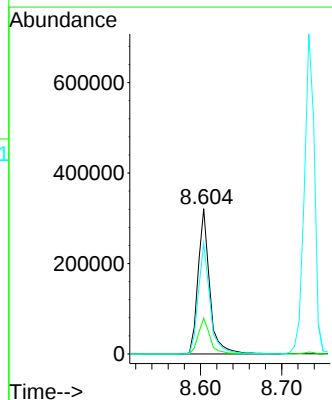
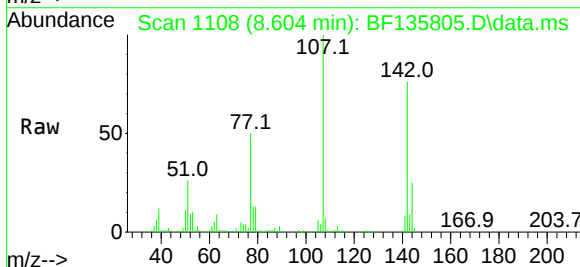
Manual Integrations
 APPROVED

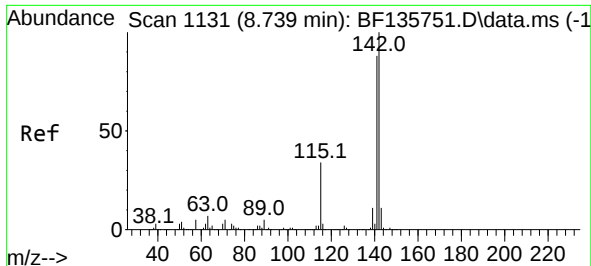
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.652 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF135805.D
 Acq: 17 Oct 2023 11:27

Tgt Ion:107 Resp: 321166
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.8 29.8
 142 75.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 37.815 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion:142 Resp: 615000

Ion Ratio Lower Upper

142 100

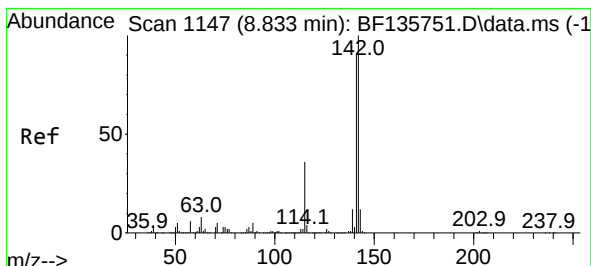
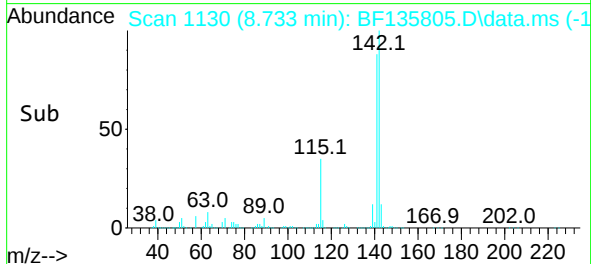
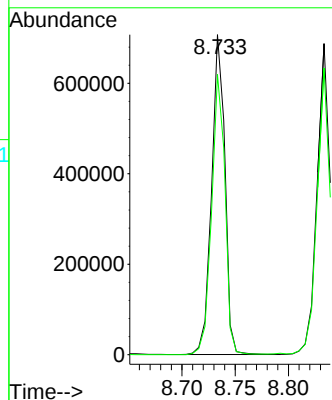
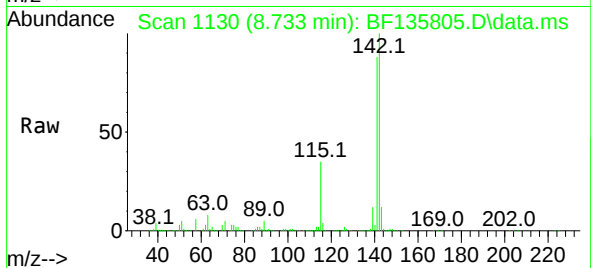
141 87.5 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#38

1-Methylnaphthalene

Concen: 38.875 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135805.D

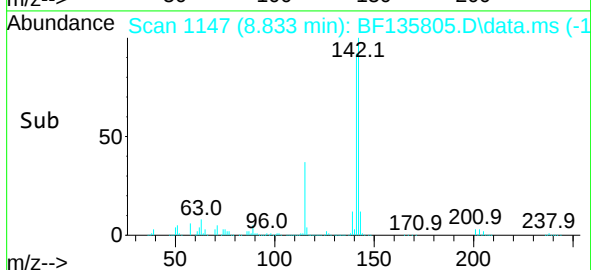
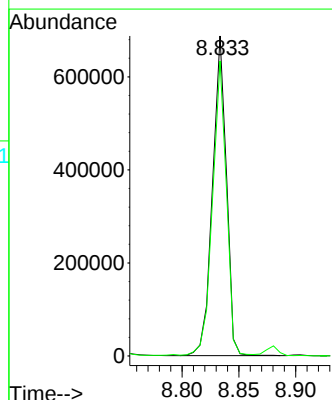
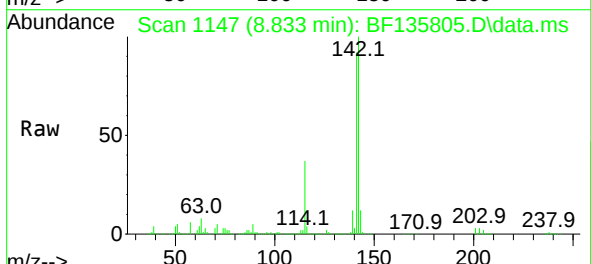
Acq: 17 Oct 2023 11:27

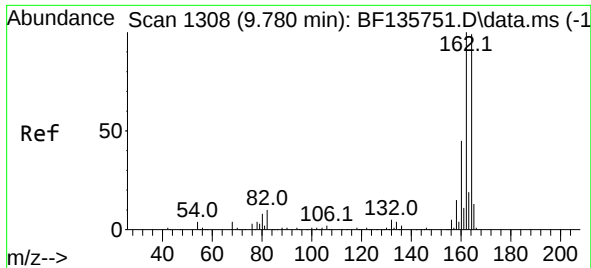
Tgt Ion:142 Resp: 583149

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1





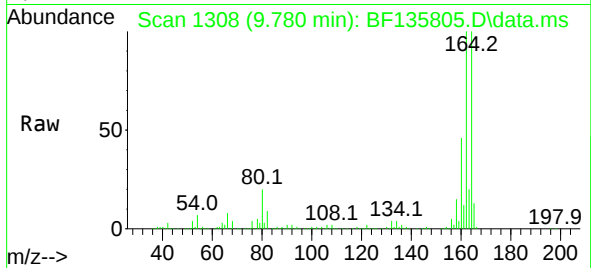
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



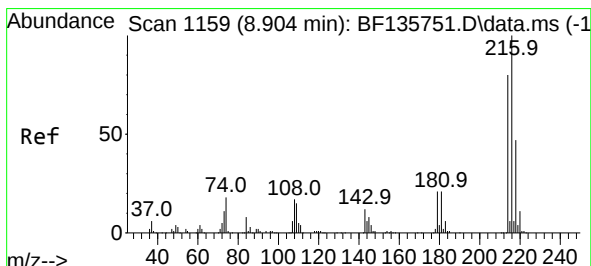
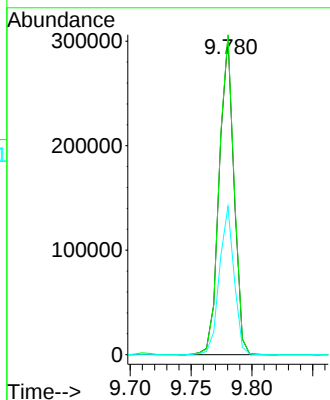
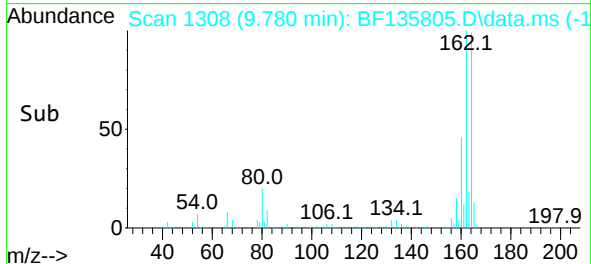
Tgt Ion:164 Resp: 256460
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 46.5 36.6 54.8

Manual Integrations

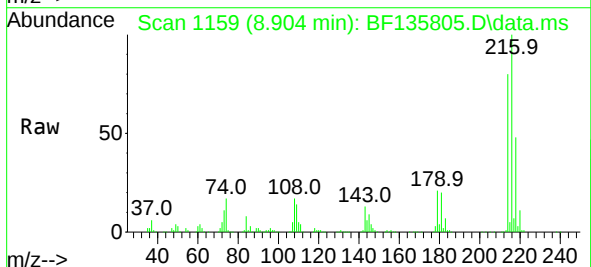
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

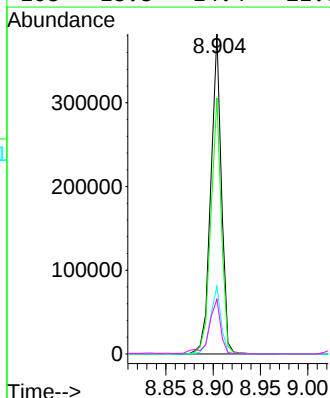
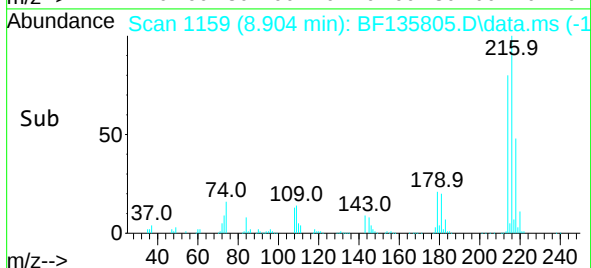
Supervised By :mohammad ahmed 10/18/2023

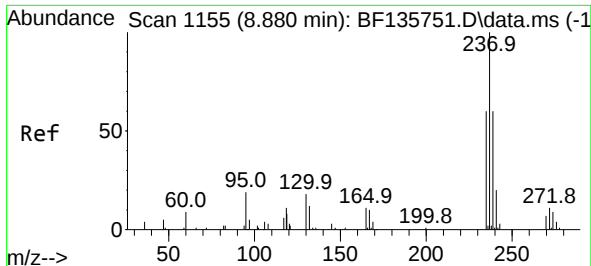


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.189 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



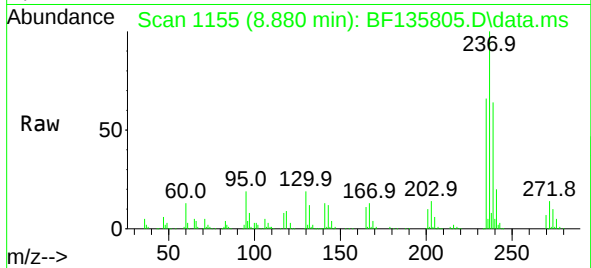
Tgt Ion:216 Resp: 296491
Ion Ratio Lower Upper
216 100
214 79.2 64.0 96.0
179 20.7 16.9 25.3
108 18.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 79.046 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

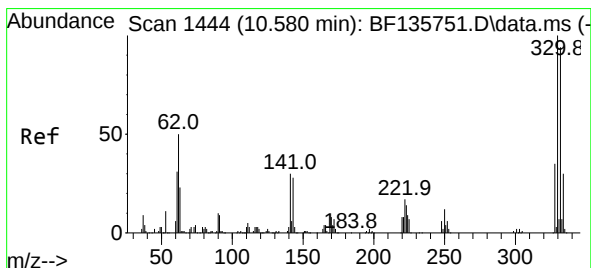
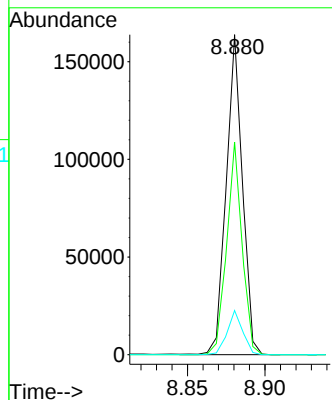
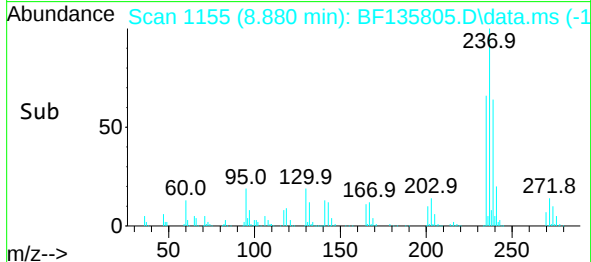
Instrument :
BNA_F
ClientSampleId :
PB156118BS



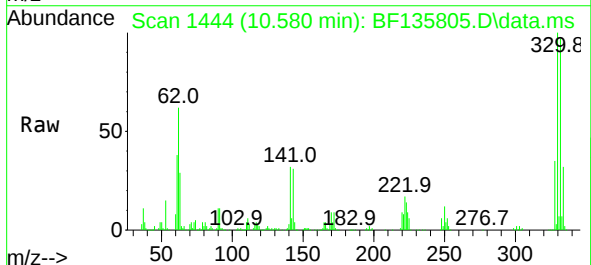
Tgt Ion:237 Resp: 119300
Ion Ratio Lower Upper
237 100
235 66.5 40.0 80.0
272 13.8 0.0 30.9

Manual Integrations
APPROVED

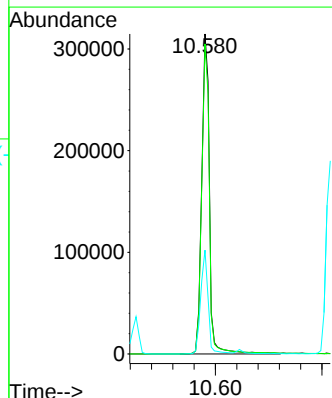
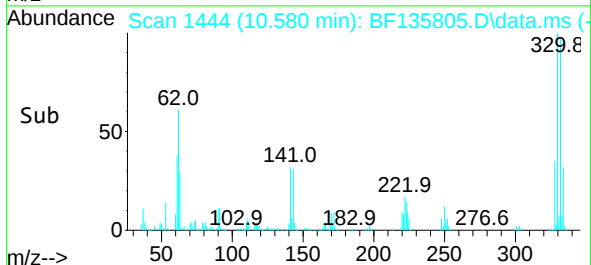
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

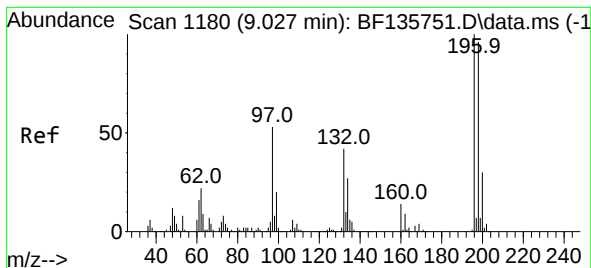


#42
2,4,6-Tribromophenol
Concen: 128.906 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:330 Resp: 317237
Ion Ratio Lower Upper
330 100
332 96.5 75.0 112.4
141 31.3 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 42.341 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135805.D

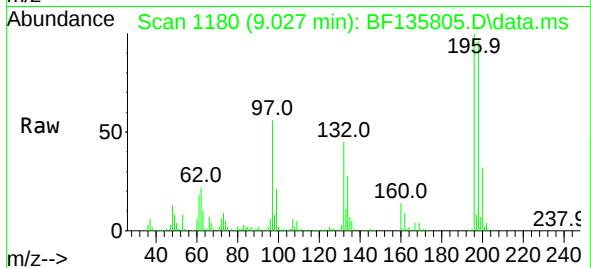
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



Tgt Ion:196 Resp: 201289

Ion Ratio Lower Upper

196 100

198 96.2 76.7 115.1

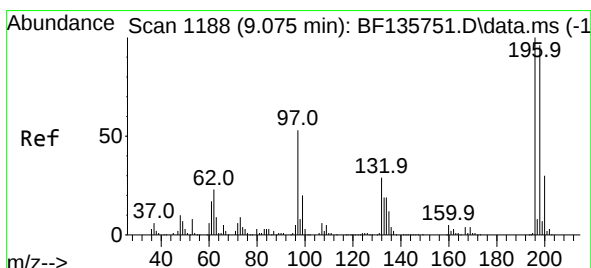
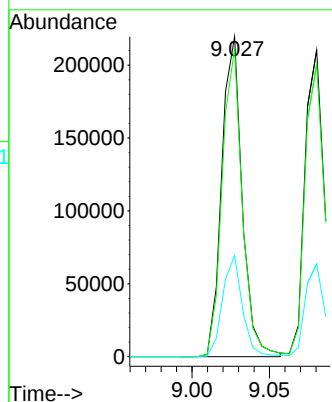
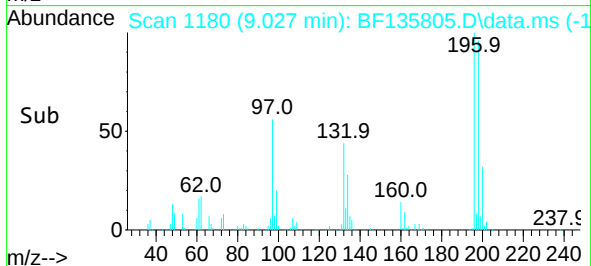
200 31.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#44

2,4,5-Trichlorophenol

Concen: 38.815 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Tgt Ion:196 Resp: 214623

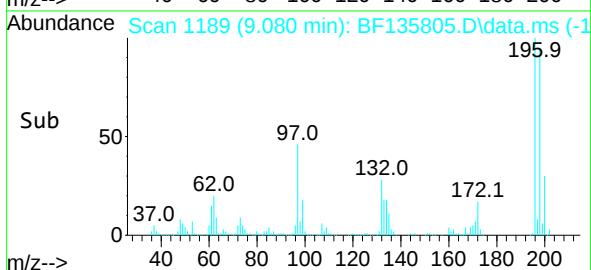
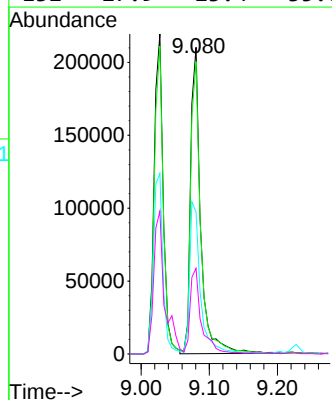
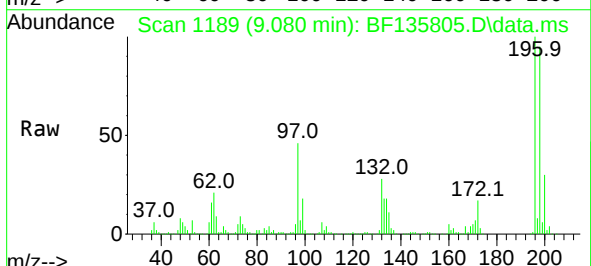
Ion Ratio Lower Upper

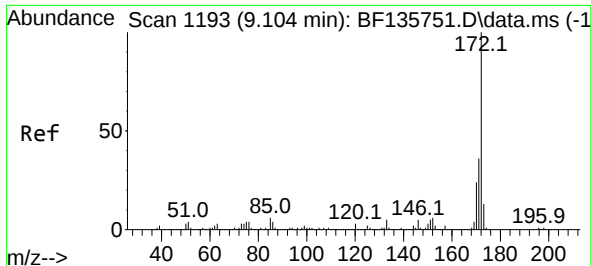
196 100

198 95.3 77.0 115.6

97 46.3 42.2 63.2

132 27.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 74.459 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion:172 Resp: 1221370

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

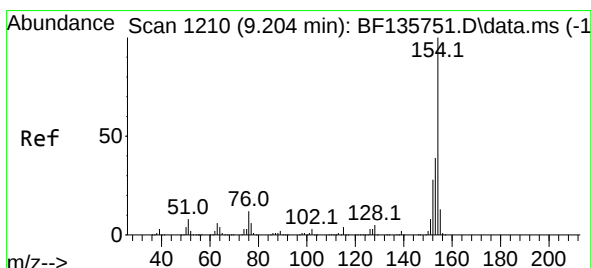
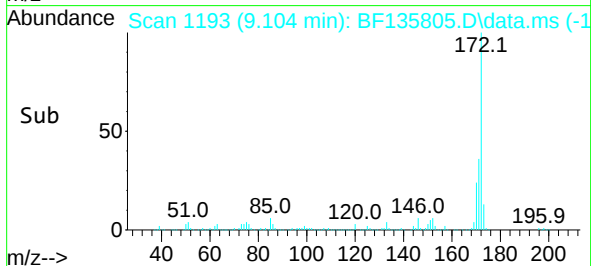
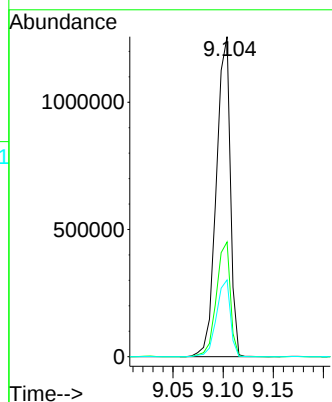
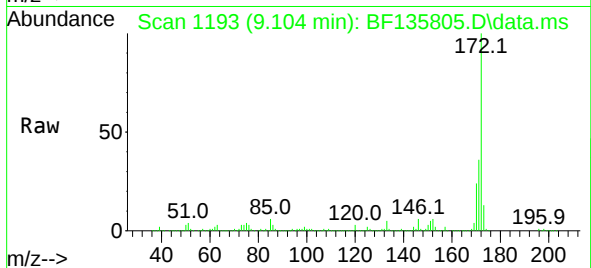
170 24.0 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#46

1,1'-Biphenyl

Concen: 40.233 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

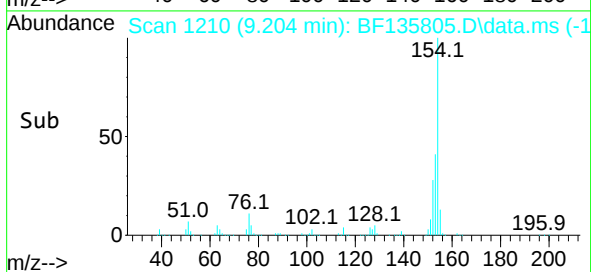
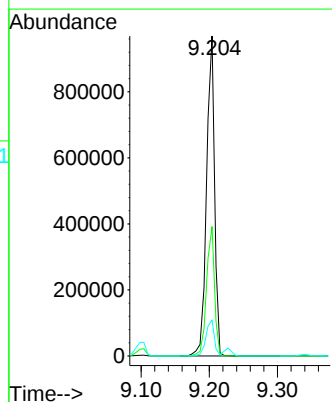
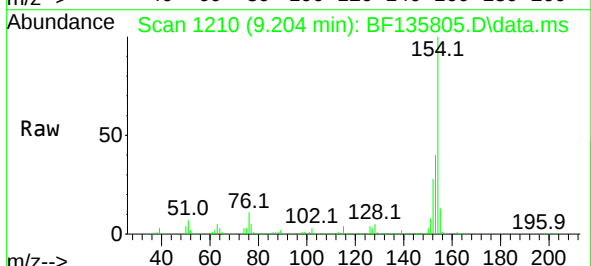
Tgt Ion:154 Resp: 790413

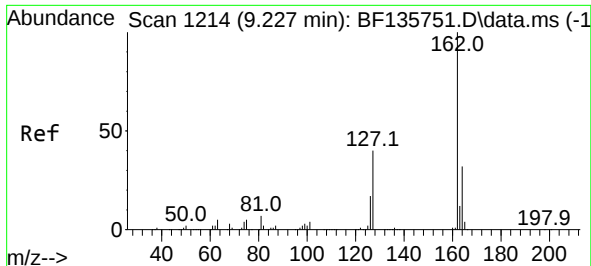
Ion Ratio Lower Upper

154 100

153 40.5 19.4 59.4

76 11.2 0.0 31.7





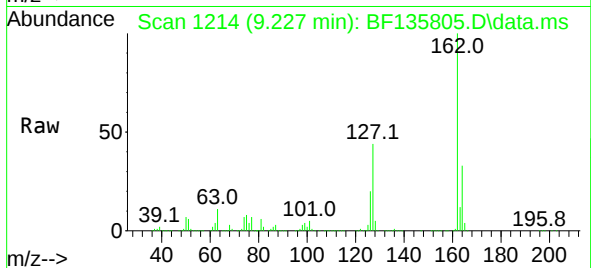
#47
2-Chloronaphthalene
Concen: 41.837 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

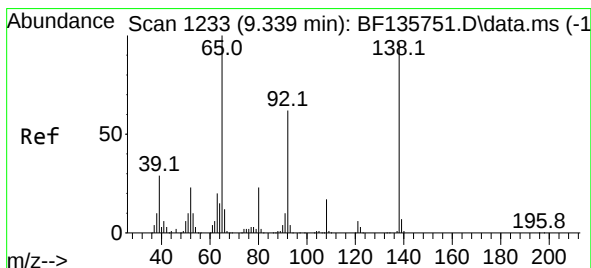
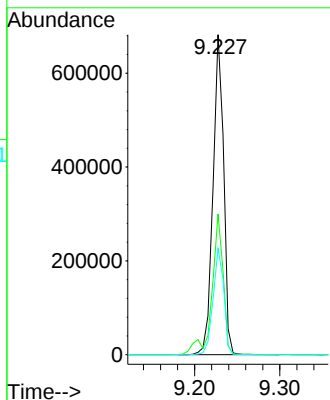
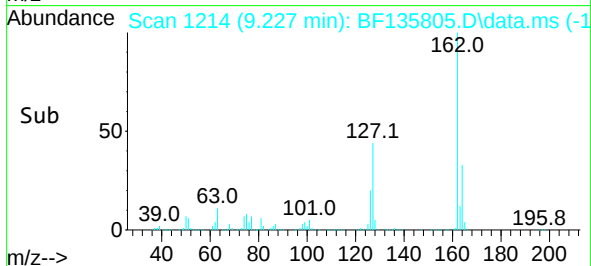
PB156118BS



Tgt Ion:162 Resp: 592352
Ion Ratio Lower Upper
162 100
127 43.9 34.7 52.1
164 33.2 25.6 38.4

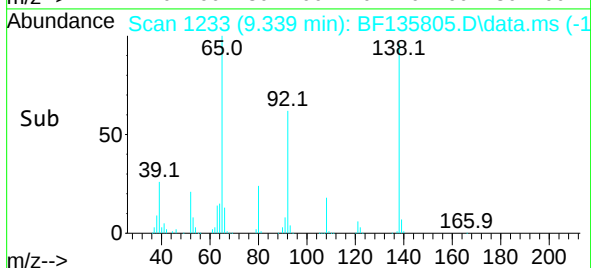
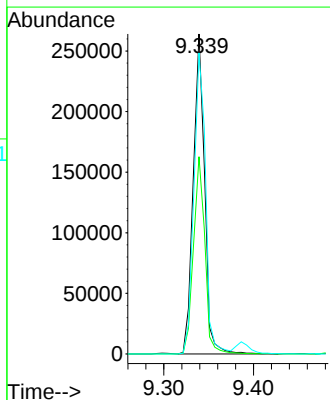
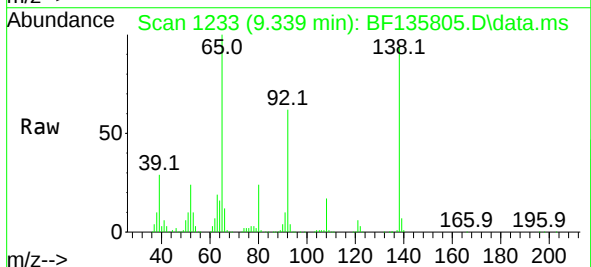
Manual Integrations
APPROVED

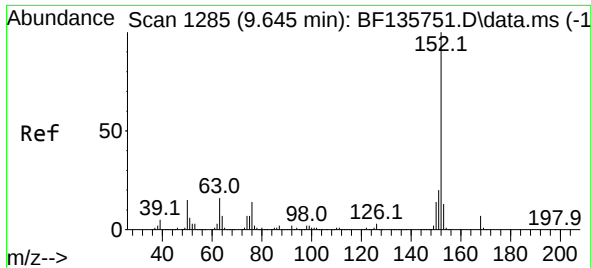
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2-Nitroaniline
Concen: 41.564 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 65 Resp: 232289
Ion Ratio Lower Upper
65 100
92 61.6 49.4 74.0
138 94.1 76.6 114.8





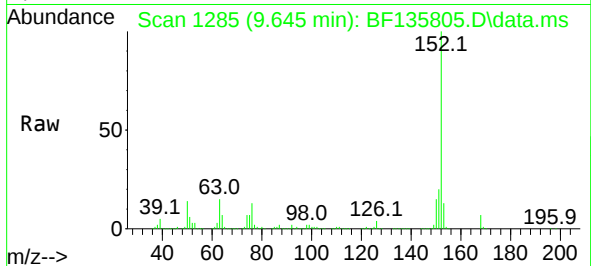
#49
Acenaphthylene
Concen: 40.853 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

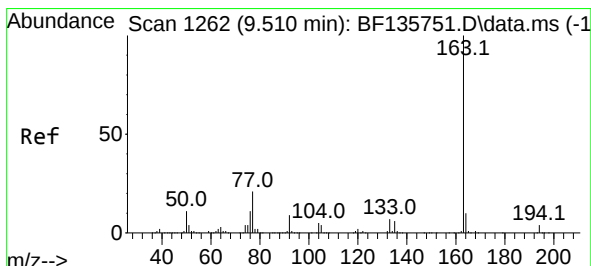
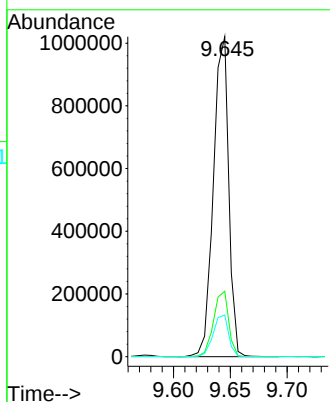
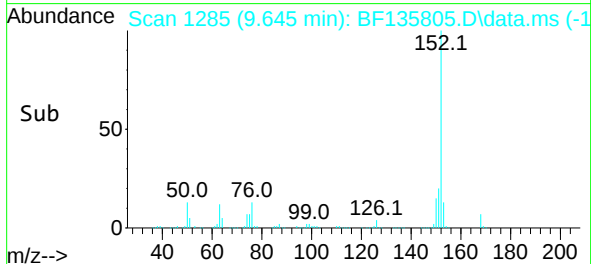
PB156118BS



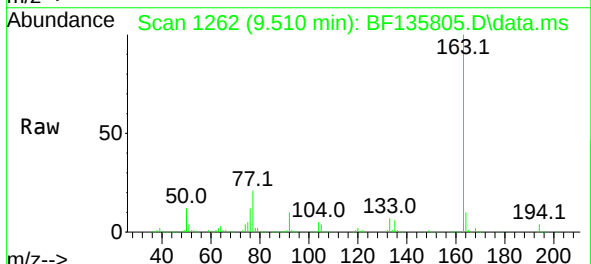
Tgt Ion:152 Resp: 95720
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.0 10.2 15.4

Manual Integrations
APPROVED

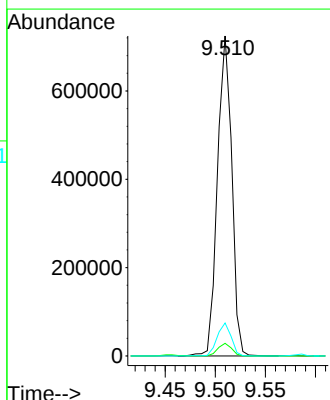
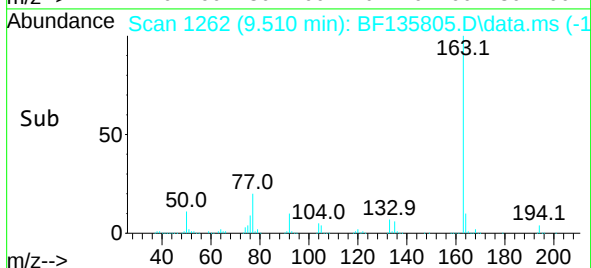
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

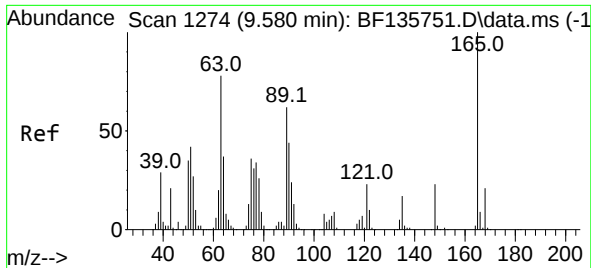


#50
Dimethylphthalate
Concen: 41.393 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:163 Resp: 716651
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 42.842 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion:165 Resp: 15950

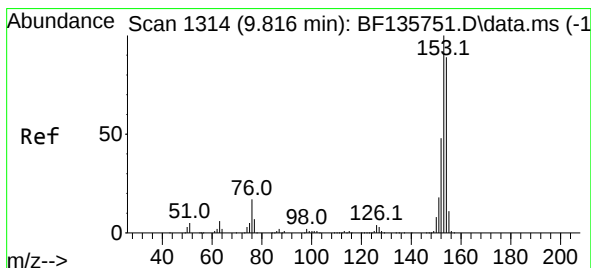
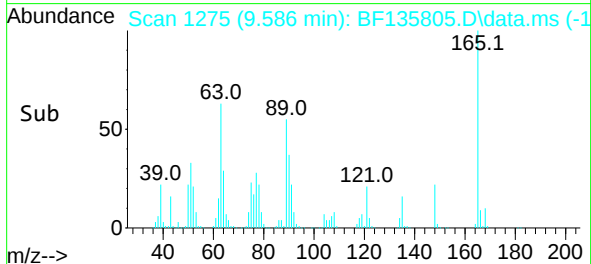
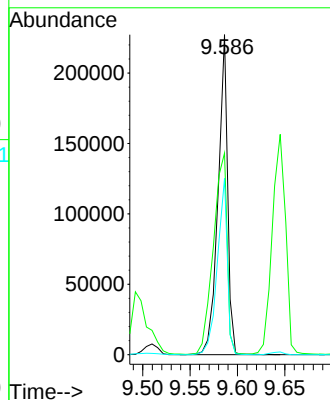
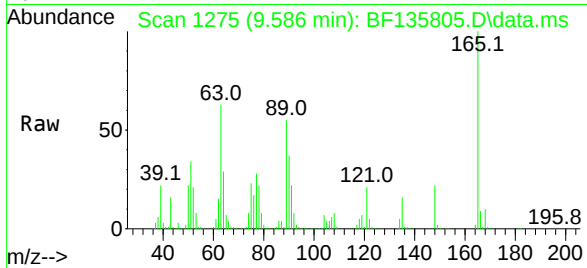
Ion	Ratio	Lower	Upper
165	100		
63	63.0	62.2	93.4
89	55.1	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#52

Acenaphthene

Concen: 41.165 ng

RT: 9.816 min Scan# 1314

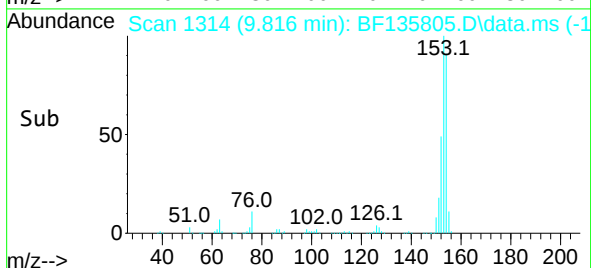
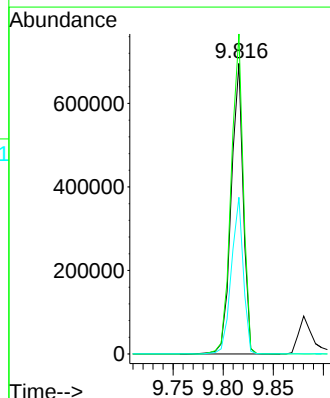
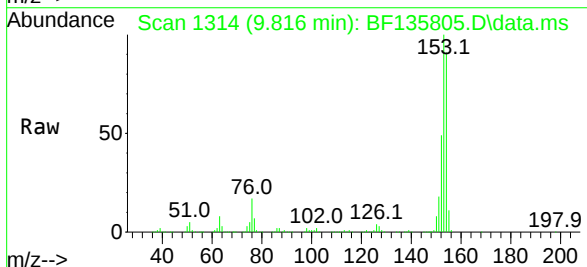
Delta R.T. -0.000 min

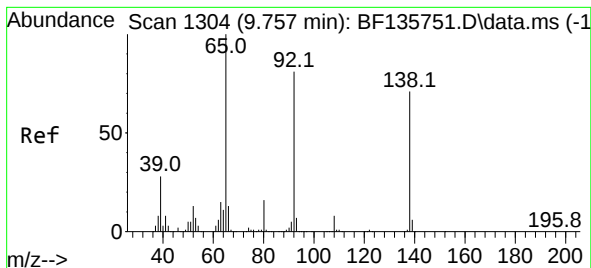
Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Tgt Ion:154 Resp: 578120

Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.1	135.1
152	53.9	43.1	64.7





#53

3-Nitroaniline

Concen: 32.996 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

Tgt Ion:138 Resp: 15059

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

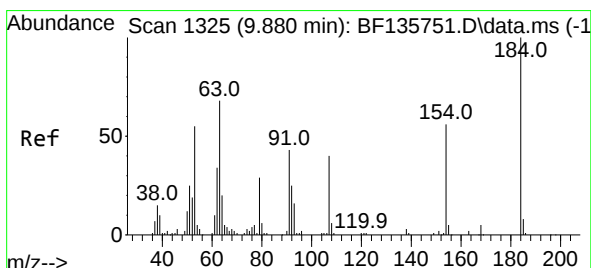
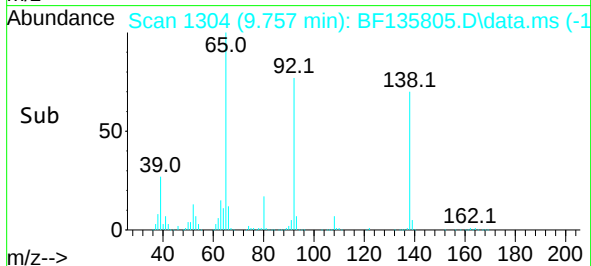
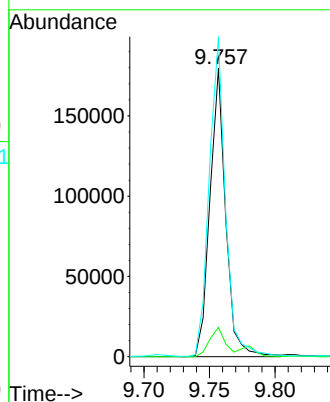
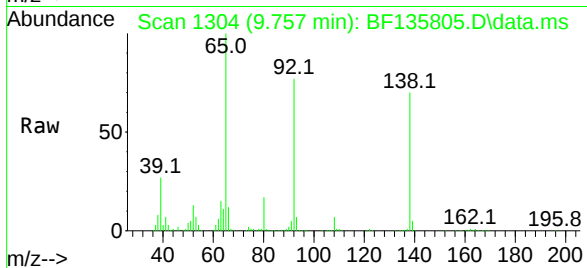
92 111.1 91.3 136.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#54

2,4-Dinitrophenol

Concen: 106.443 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

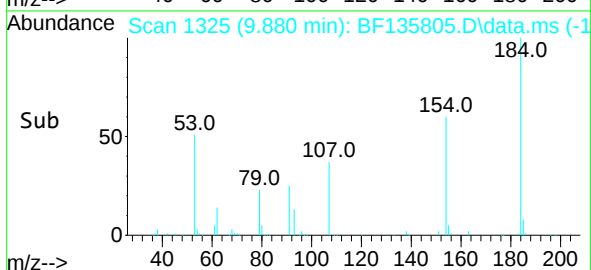
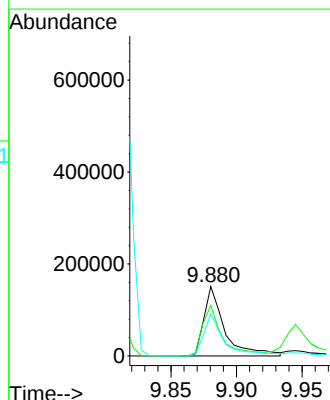
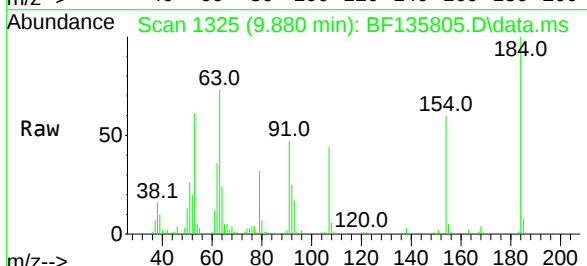
Tgt Ion:184 Resp: 165426

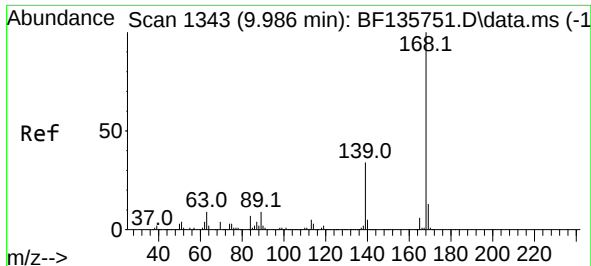
Ion Ratio Lower Upper

184 100

63 72.7 54.6 81.8

154 60.1 45.0 67.4





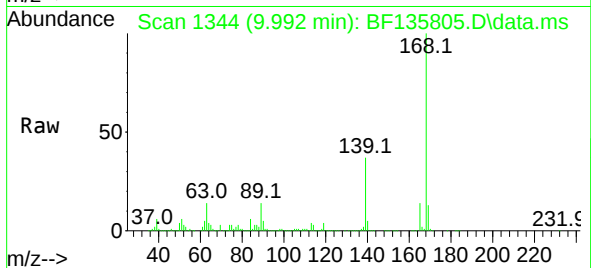
#55
Dibenzofuran
Concen: 41.921 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

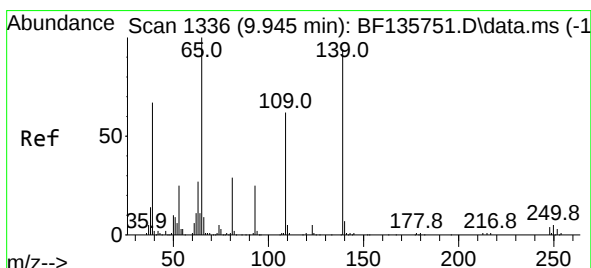
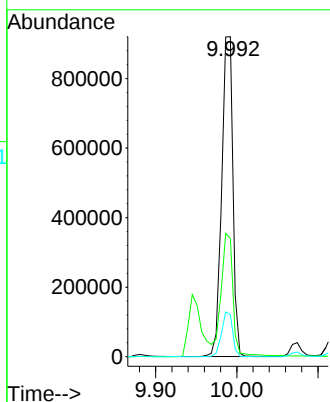
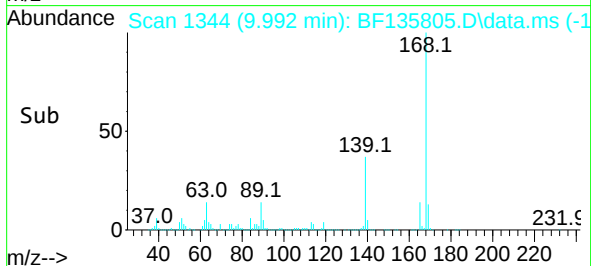
PB156118BS



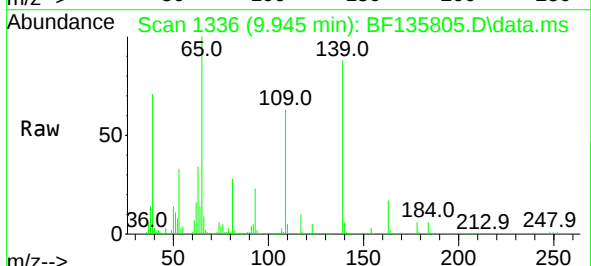
Tgt Ion:168 Resp: 88832
Ion Ratio Lower Upper
168 100
139 36.9 31.0 46.4
169 13.1 10.7 16.1

Manual Integrations
APPROVED

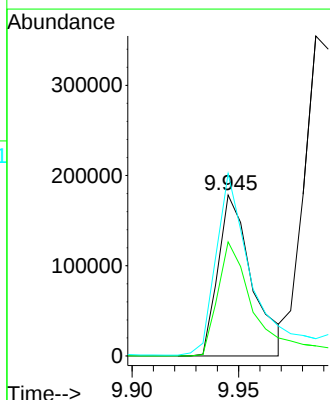
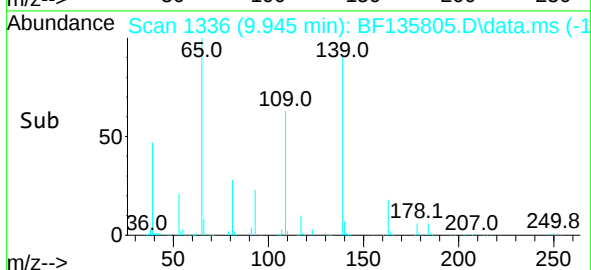
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

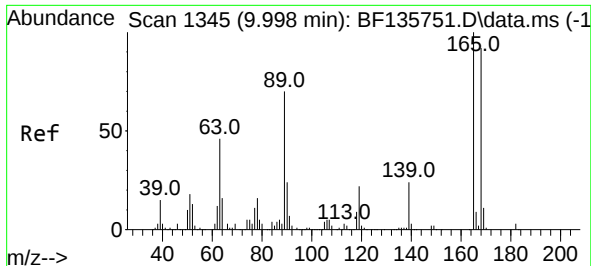


#56
4-Nitrophenol
Concen: 93.493 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:139 Resp: 197587
Ion Ratio Lower Upper
139 100
109 70.9 45.6 85.6
65 113.3 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 44.818 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135805.D

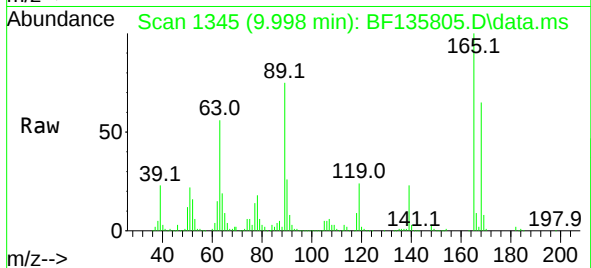
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



Tgt Ion:165 Resp: 212280

Ion Ratio Lower Upper

165 100

63 55.6 39.0 58.4

89 75.0 55.9 83.9

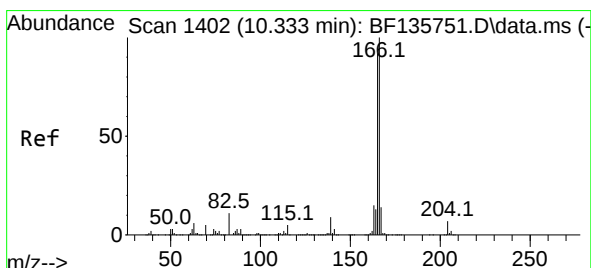
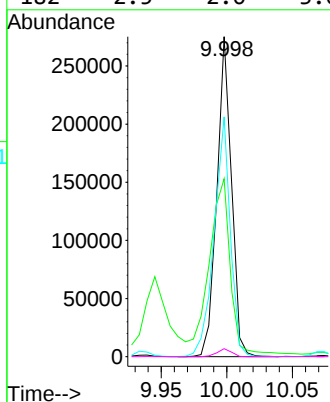
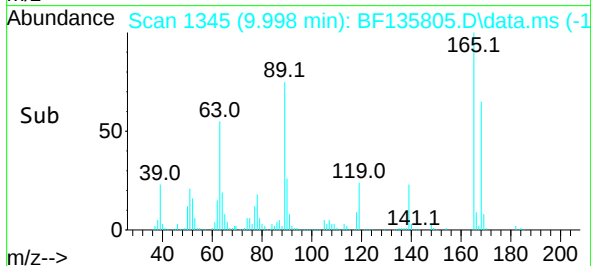
182 2.5 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#58

Fluorene

Concen: 43.435 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

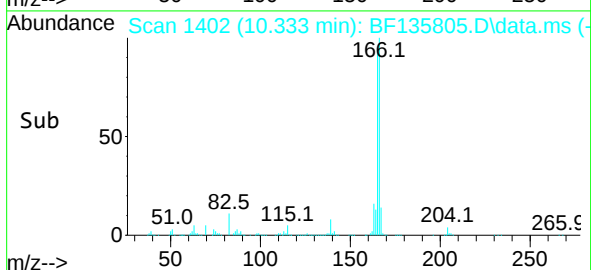
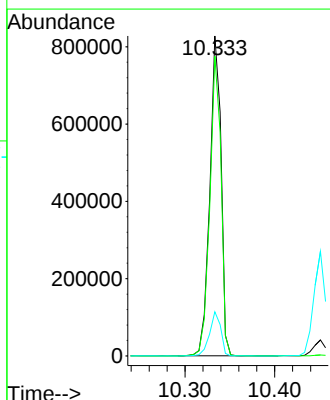
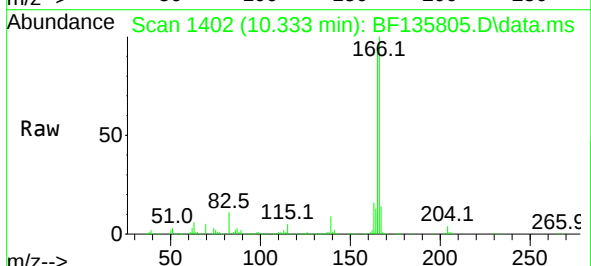
Tgt Ion:166 Resp: 720564

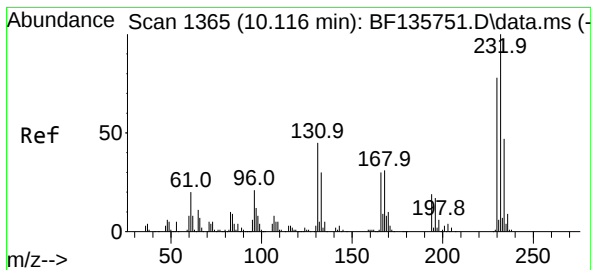
Ion Ratio Lower Upper

166 100

165 93.7 73.4 110.0

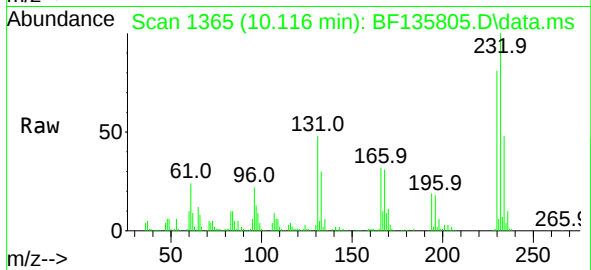
167 13.8 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.247 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

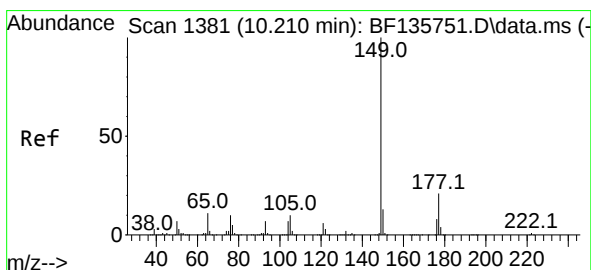
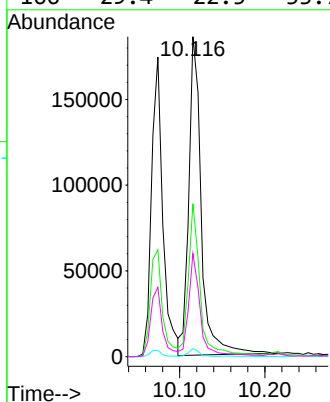
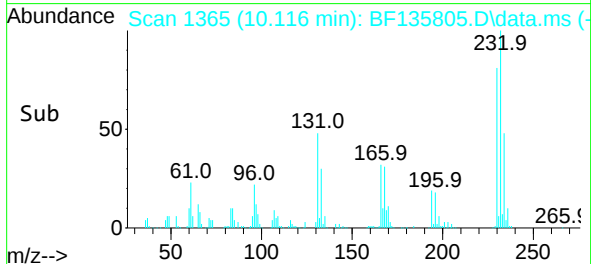
Instrument :
BNA_F
ClientSampleId :
PB156118BS



Tgt Ion:232 Resp: 18907
Ion Ratio Lower Upper
232 100
131 45.7 35.8 53.6
130 2.2 1.9 2.9
166 29.4 22.5 33.7

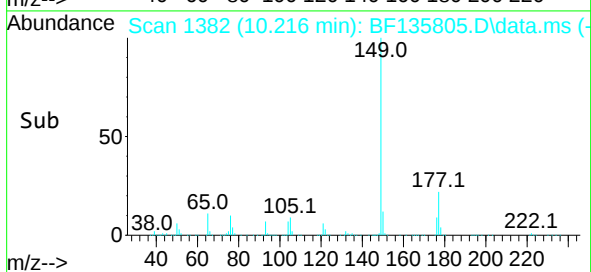
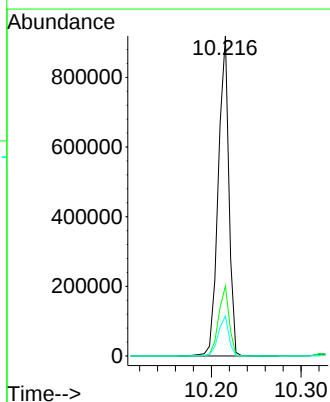
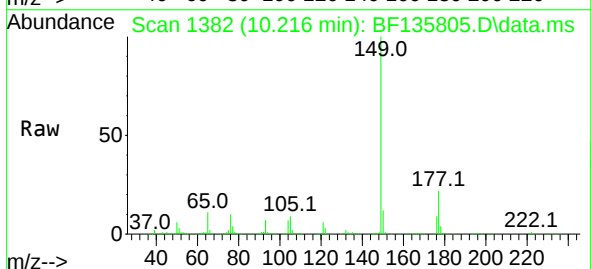
Manual Integrations
APPROVED

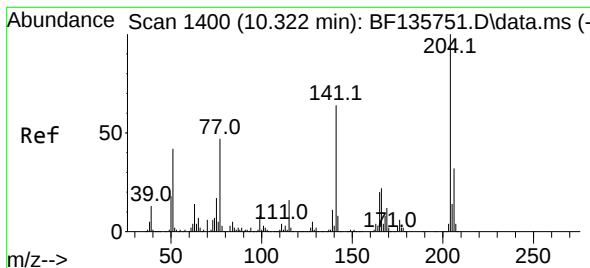
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#60
Diethylphthalate
Concen: 42.673 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

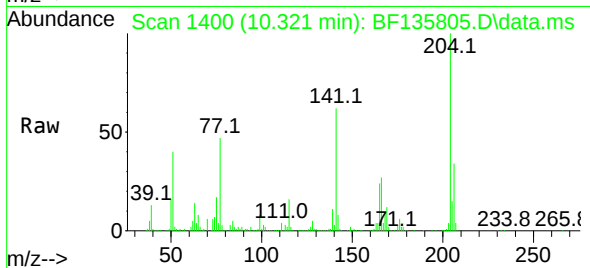
Tgt Ion:149 Resp: 754238
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.830 ng
RT: 10.321 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

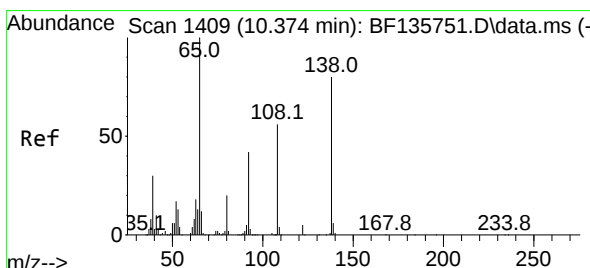
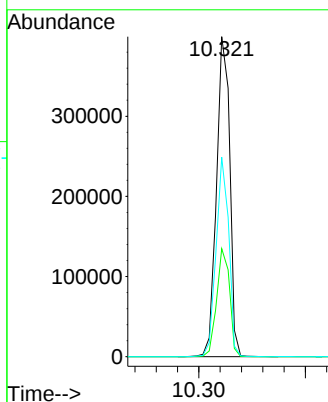
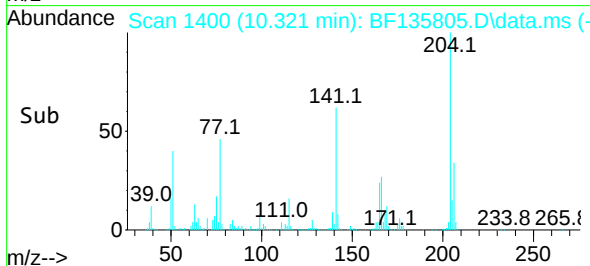
Instrument :
BNA_F
ClientSampleId :
PB156118BS



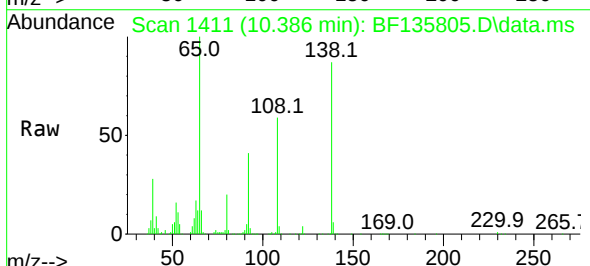
Tgt Ion:204 Resp: 34340
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 62.4 51.4 77.0

Manual Integrations
APPROVED

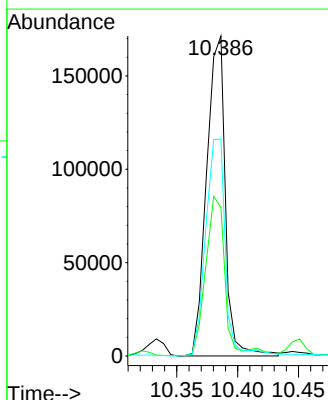
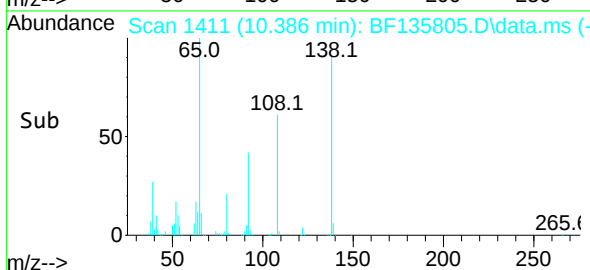
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

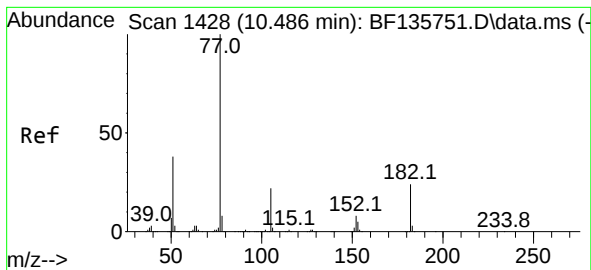


#62
4-Nitroaniline
Concen: 43.517 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



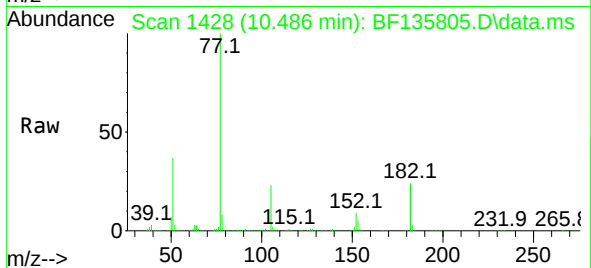
Tgt Ion:138 Resp: 182737
Ion Ratio Lower Upper
138 100
92 46.4 31.9 71.9
108 67.9 49.7 89.7





#63
Azobenzene
Concen: 43.145 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

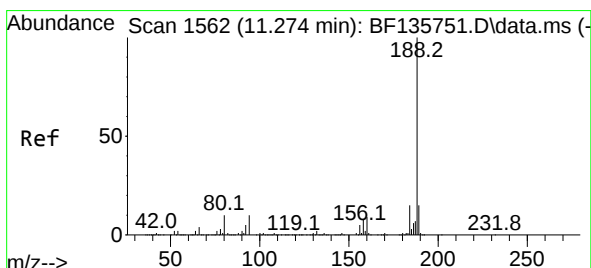
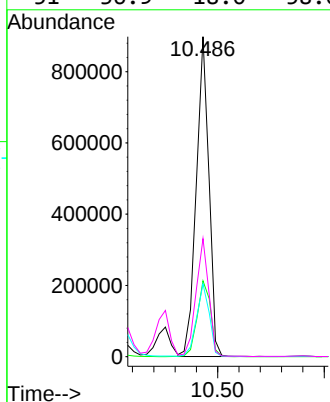
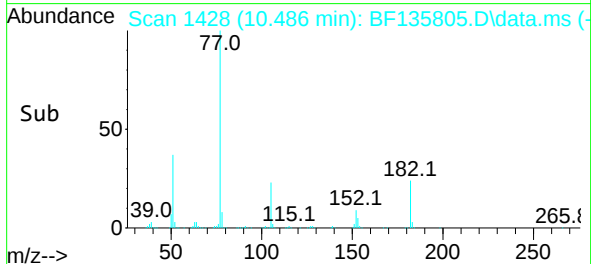
Instrument :
BNA_F
ClientSampleId :
PB156118BS



Tgt Ion: 77 Resp: 740900
Ion Ratio Lower Upper
77 100
182 23.7 3.5 43.5
105 22.8 2.2 42.2
51 36.9 18.0 58.0

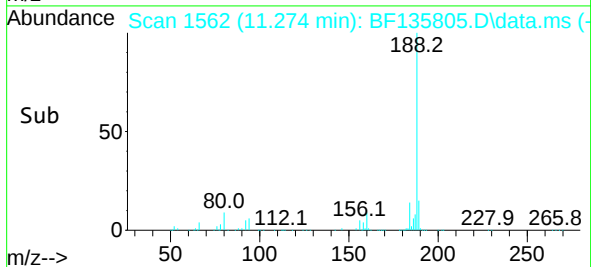
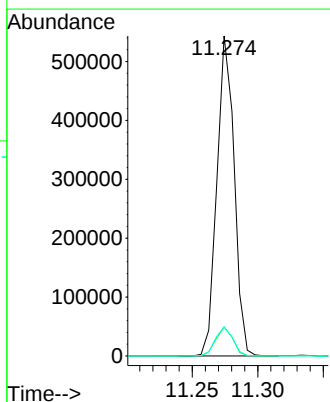
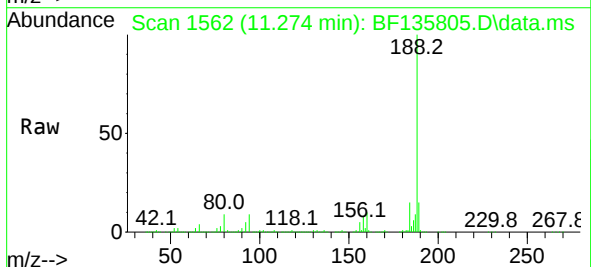
Manual Integrations
APPROVED

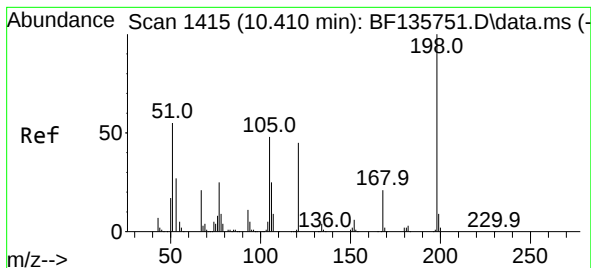
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Tgt Ion:188 Resp: 496803
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.2 8.3 12.5





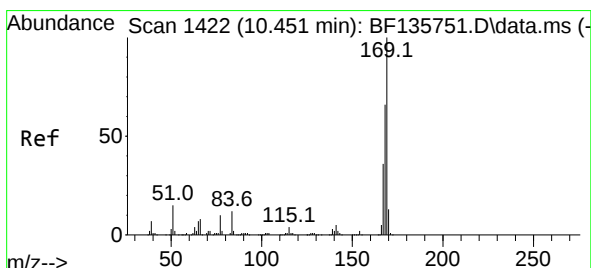
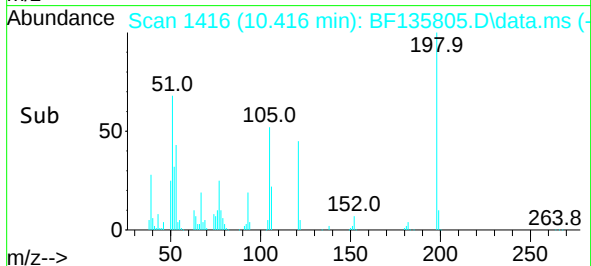
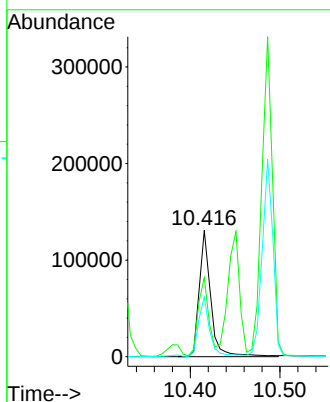
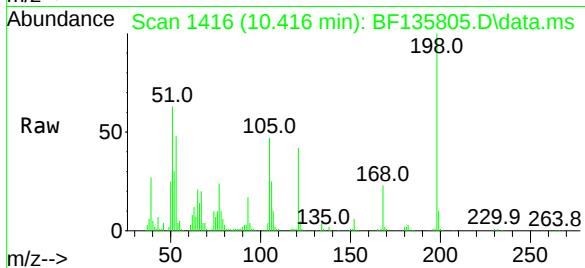
#65
4,6-Dinitro-2-methylphenol
Concen: 46.629 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB156118BS

Tgt Ion:198 Resp: 11658
Ion Ratio Lower Upper
198 100
51 62.6 47.6 87.6
105 47.2 29.2 69.2

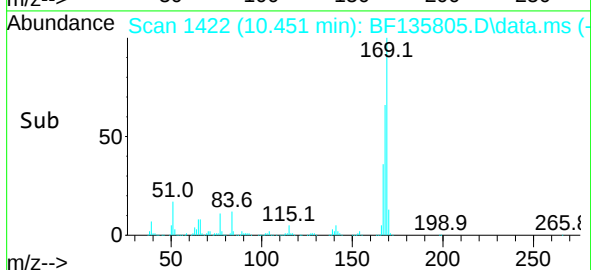
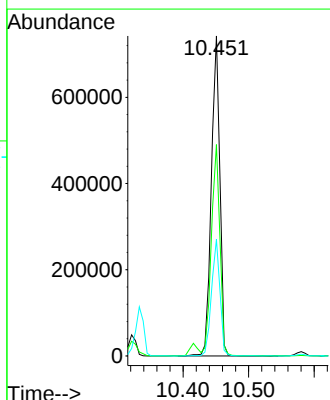
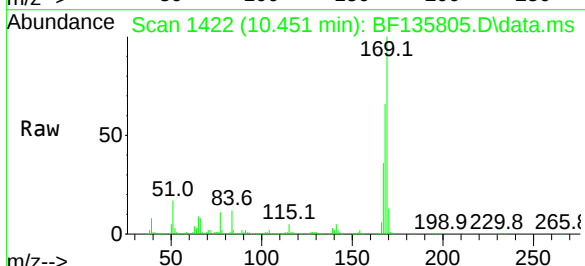
Manual Integrations
APPROVED

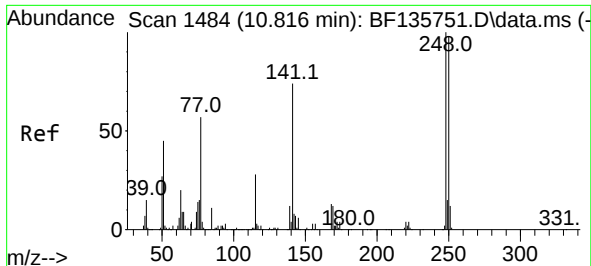
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#66
n-Nitrosodiphenylamine
Concen: 44.314 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Tgt Ion:169 Resp: 671024
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.5 29.2 43.8





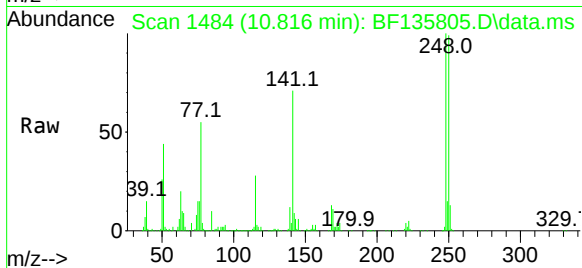
#67
4-Bromophenyl-phenylether
Concen: 43.067 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

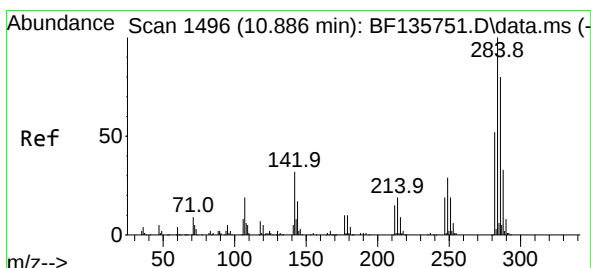
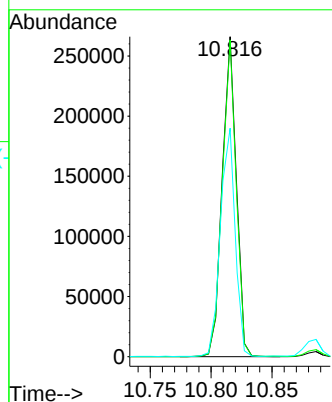
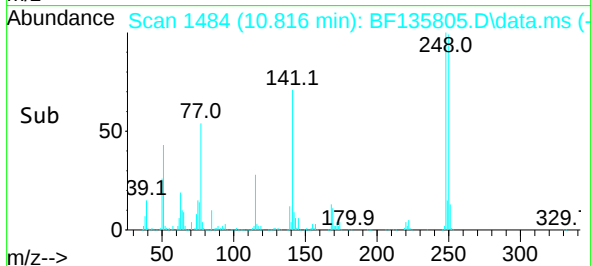


Tgt Ion:248 Resp: 214770
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 71.4 59.0 88.6

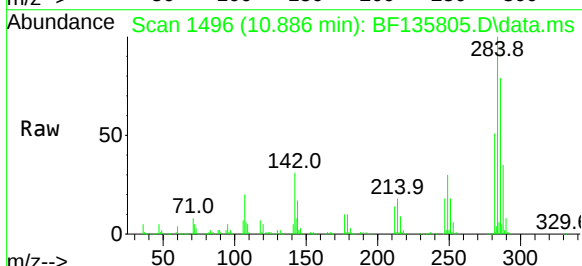
Manual Integrations

APPROVED

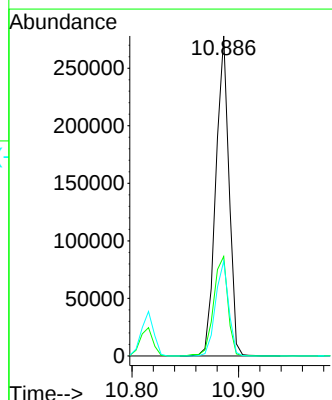
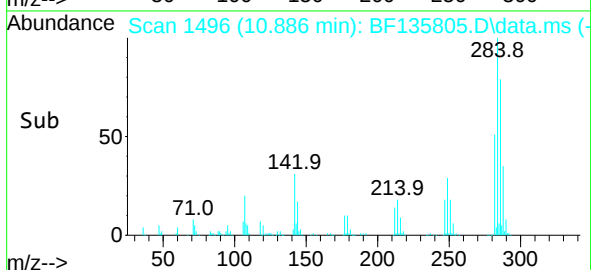
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

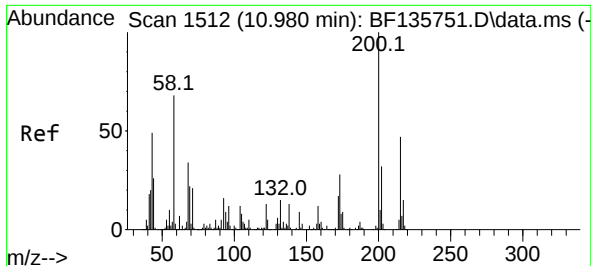


#68
Hexachlorobenzene
Concen: 46.893 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



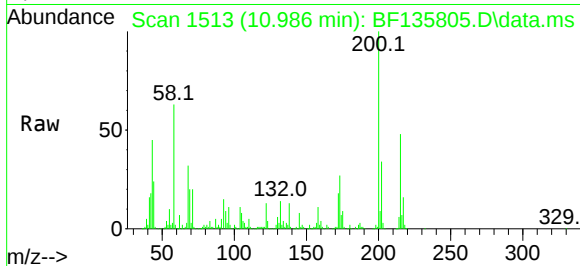
Tgt Ion:284 Resp: 238094
Ion Ratio Lower Upper
284 100
142 31.1 25.3 37.9
249 29.7 23.5 35.3





#69
Atrazine
Concen: 49.562 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

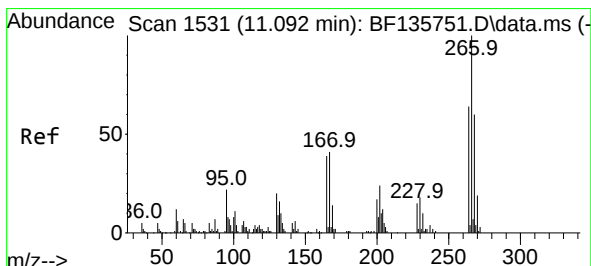
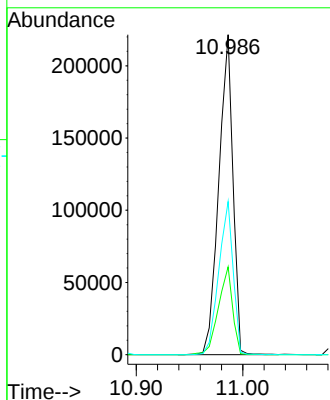
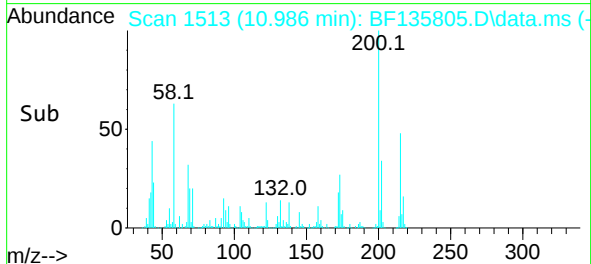
Instrument :
BNA_F
ClientSampleId :
PB156118BS



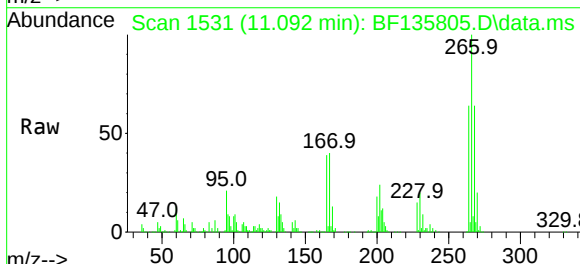
Tgt Ion:200 Resp: 20413
Ion Ratio Lower Upper
200 100
173 27.5 7.6 47.6
215 47.9 27.1 67.1

Manual Integrations
APPROVED

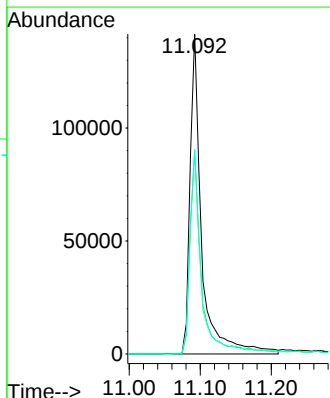
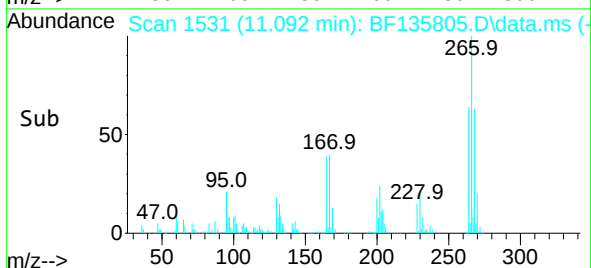
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

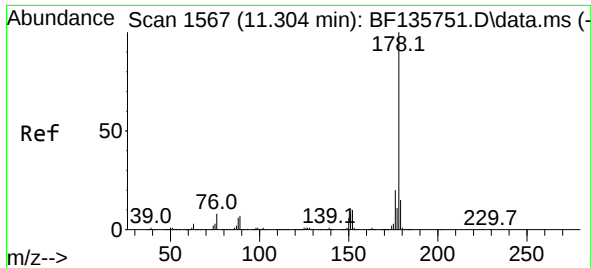


#70
Pentachlorophenol
Concen: 80.622 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



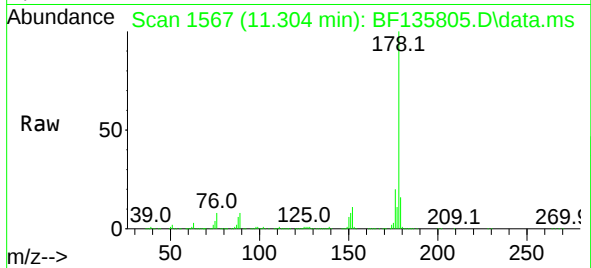
Tgt Ion:266 Resp: 161449
Ion Ratio Lower Upper
266 100
268 63.5 47.7 71.5
264 63.9 51.4 77.2





#71
Phenanthrene
Concen: 41.137 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

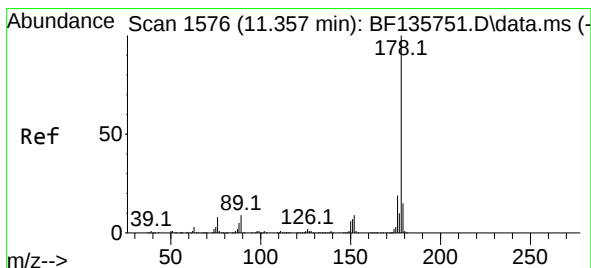
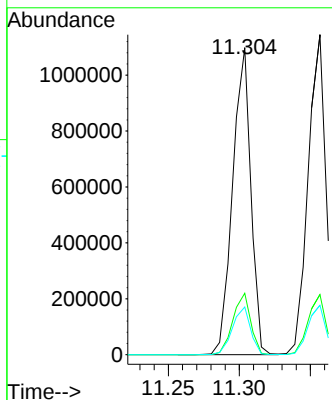
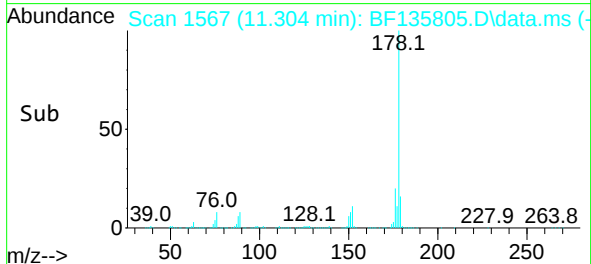
Instrument :
BNA_F
ClientSampleId :
PB156118BS



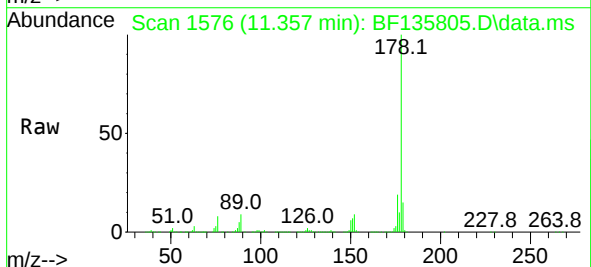
Tgt Ion:178 Resp: 979020
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.5 12.2 18.4

Manual Integrations
APPROVED

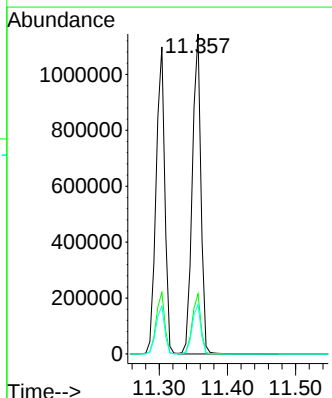
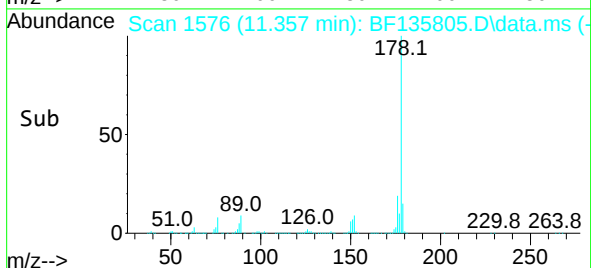
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

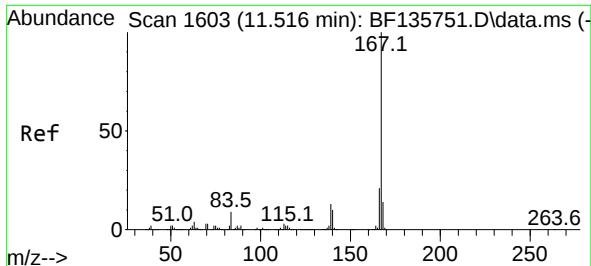


#72
Anthracene
Concen: 40.586 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



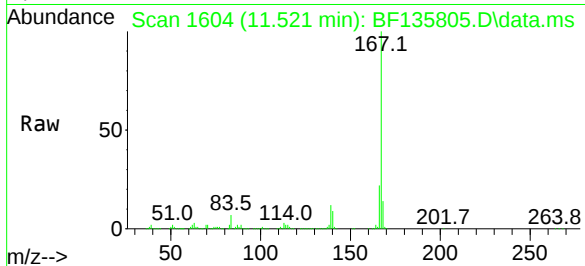
Tgt Ion:178 Resp: 1000919
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.3 18.5





#73
Carbazole
Concen: 42.033 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

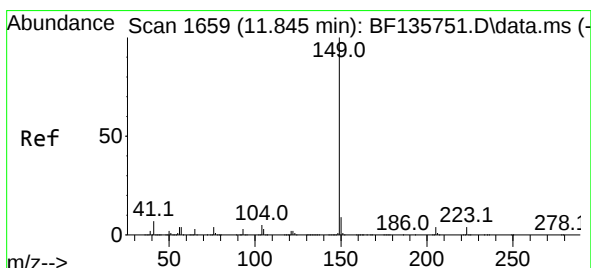
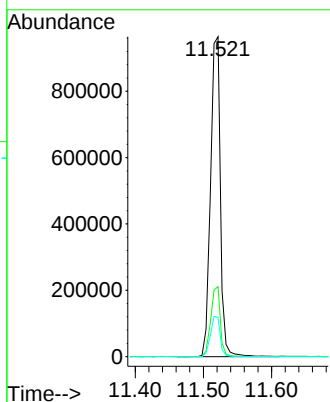
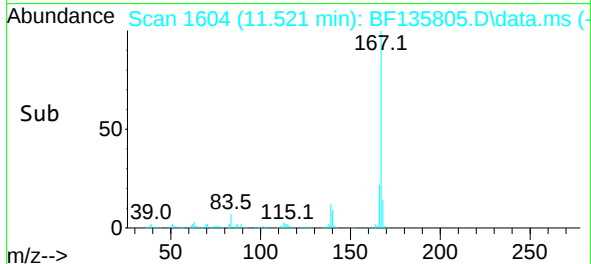
Instrument :
BNA_F
ClientSampleId :
PB156118BS



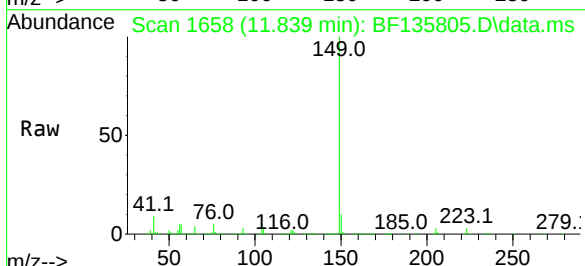
Tgt Ion:167 Resp: 966775
Ion Ratio Lower Upper
167 100
166 21.9 17.1 25.7
139 12.3 10.2 15.4

Manual Integrations
APPROVED

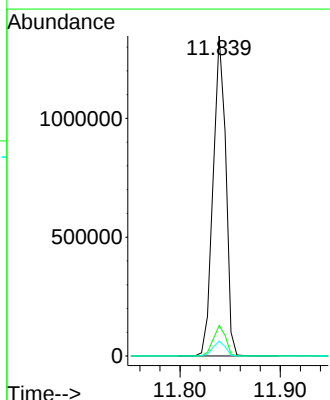
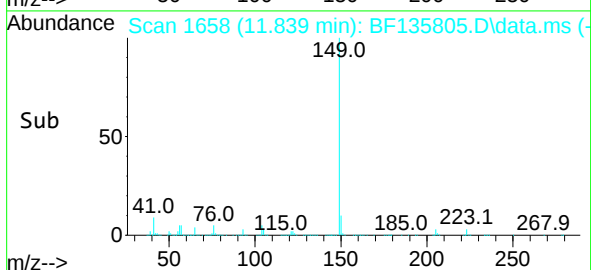
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

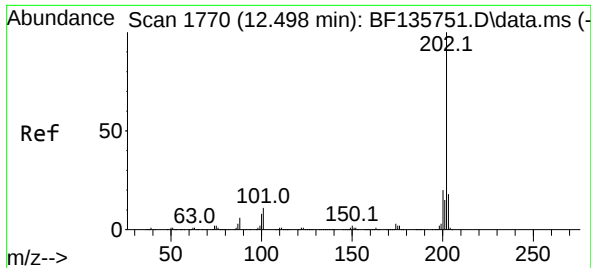


#74
Di-n-butylphthalate
Concen: 41.750 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



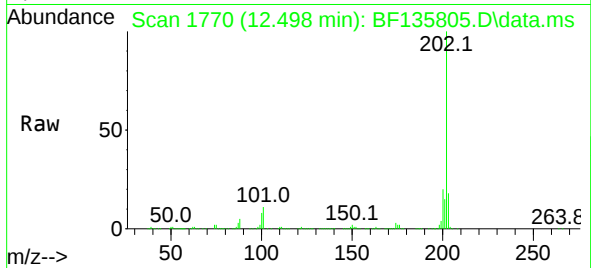
Tgt Ion:149 Resp: 1178973
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 4.7 3.7 5.5





#75
Fluoranthene
Concen: 42.510 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

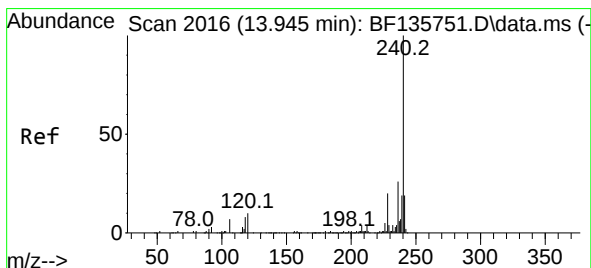
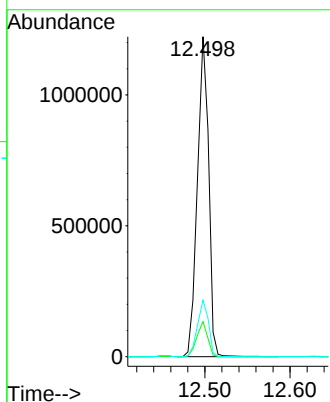
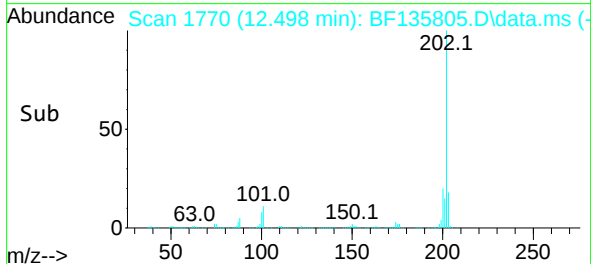
Instrument :
BNA_F
ClientSampleId :
PB156118BS



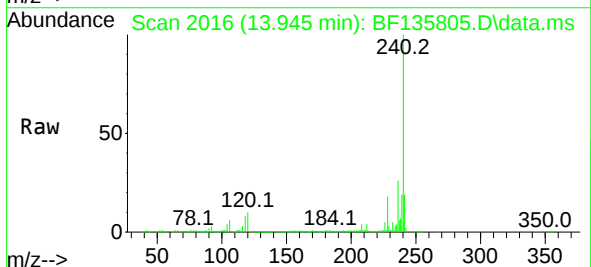
Tgt Ion:202 Resp: 112285
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.5
203 17.6 0.0 38.3

Manual Integrations
APPROVED

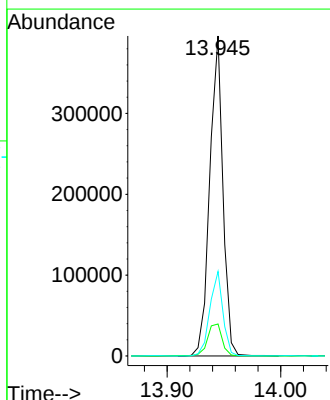
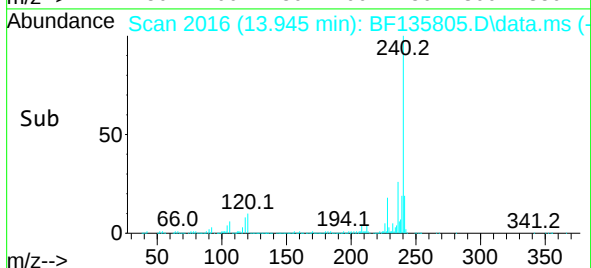
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

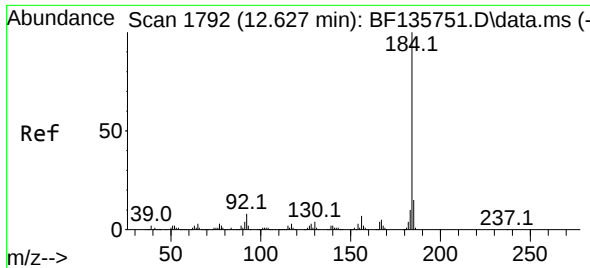


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:240 Resp: 318750
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 26.4 21.2 31.8





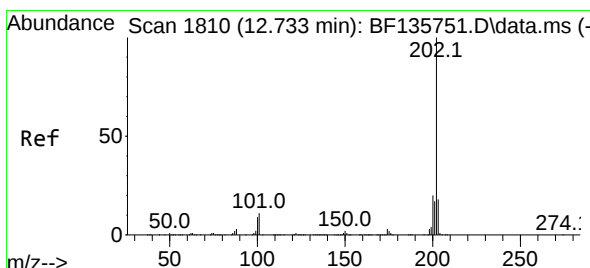
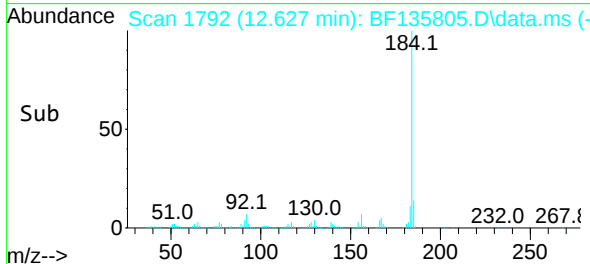
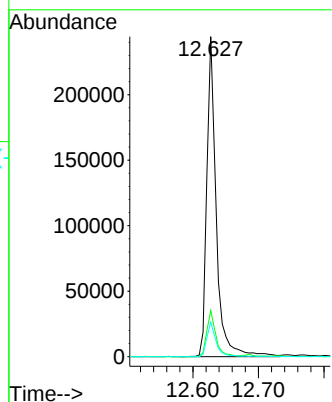
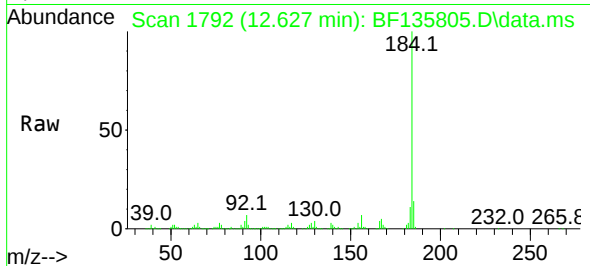
#77
Benzidine
Concen: 35.421 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB156118BS

Tgt Ion:184 Resp: 246360
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 10.8 8.2 12.2

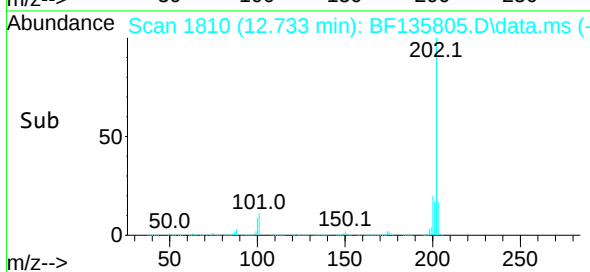
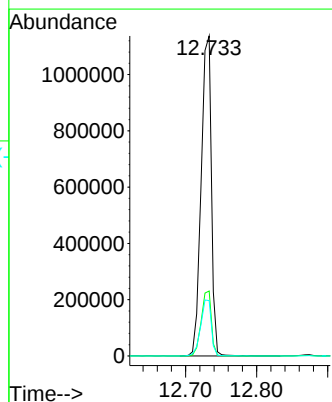
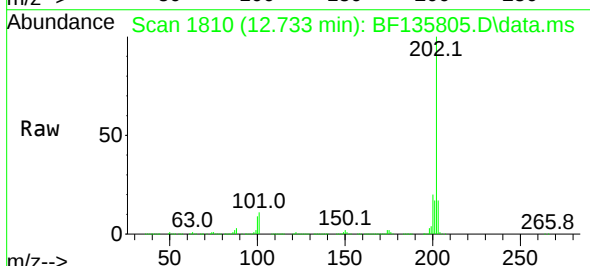
Manual Integrations
APPROVED

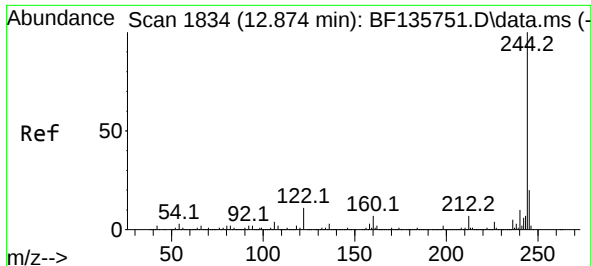
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#78
Pyrene
Concen: 45.064 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Tgt Ion:202 Resp: 1141446
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.3 14.2 21.2





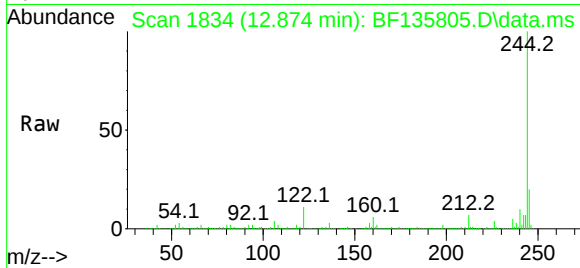
#79
 Terphenyl-d14
 Concen: 85.718 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135805.D
 Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



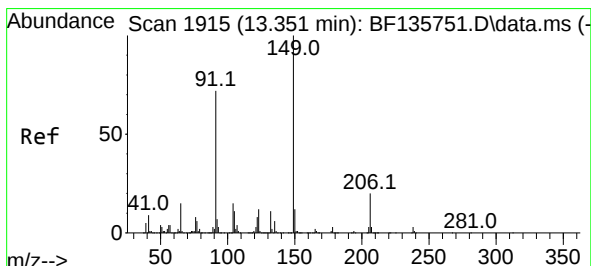
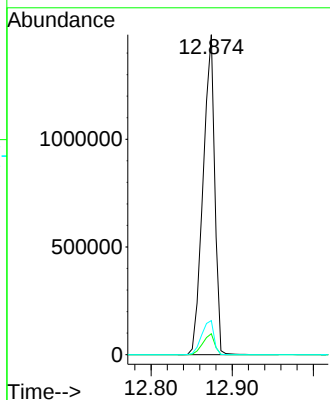
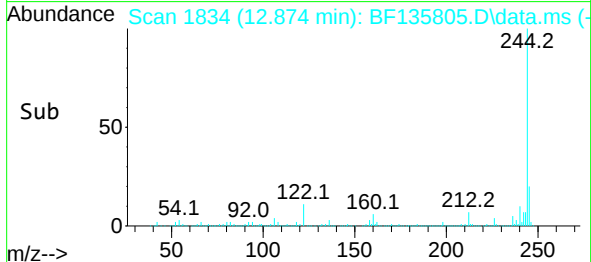
Tgt Ion:244 Resp: 1475370
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.7 9.0 13.6

Manual Integrations

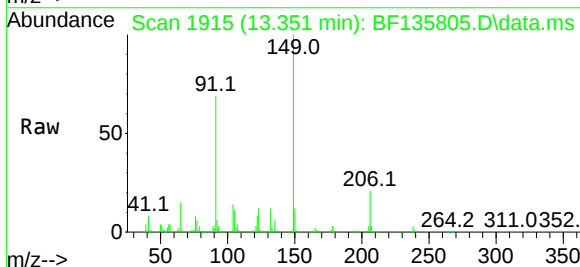
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

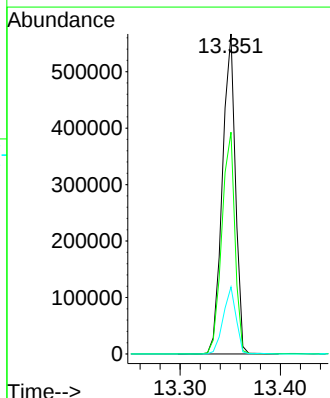
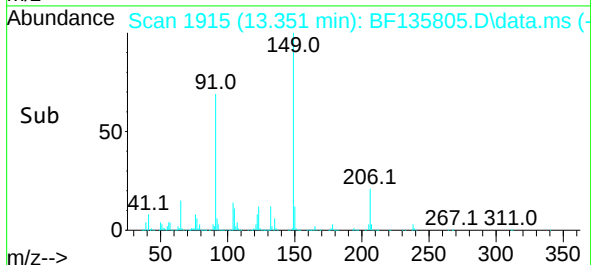
Supervised By :mohammad ahmed 10/18/2023

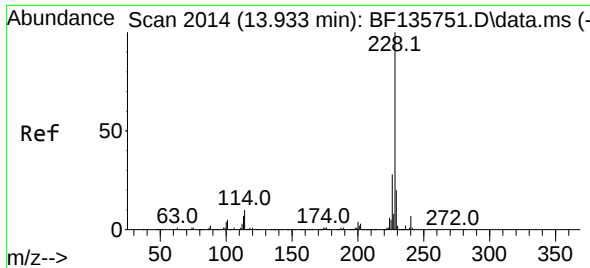


#80
 Butylbenzylphthalate
 Concen: 45.902 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135805.D
 Acq: 17 Oct 2023 11:27



Tgt Ion:149 Resp: 510918
 Ion Ratio Lower Upper
 149 100
 91 69.3 57.4 86.0
 206 21.0 16.2 24.4





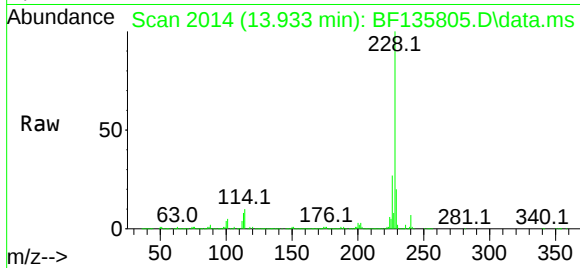
#81
Benzo(a)anthracene
Concen: 43.777 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



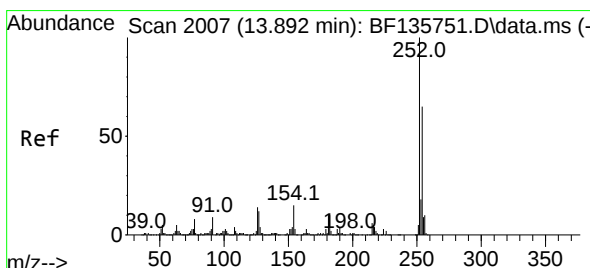
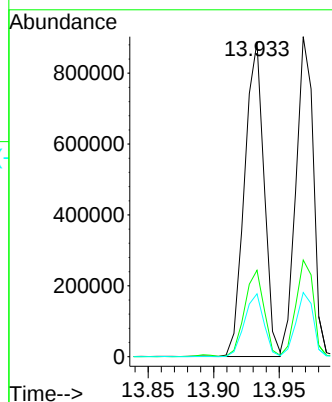
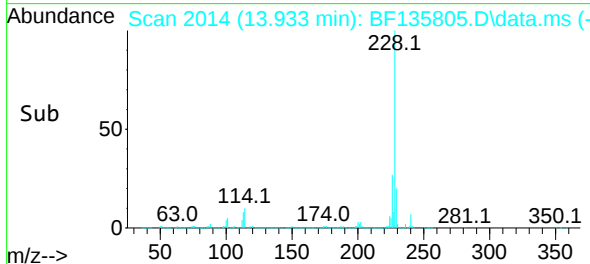
Tgt Ion:228 Resp: 91654
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.0 16.1 24.1

Manual Integrations

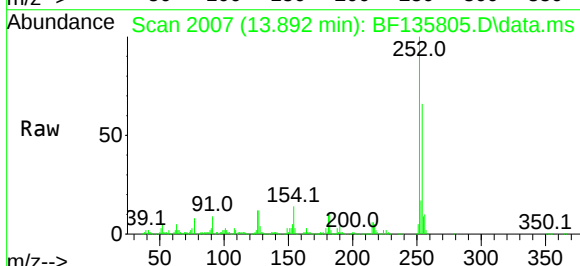
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

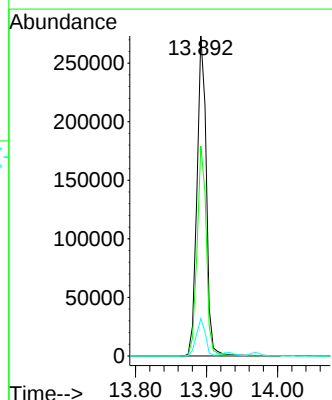
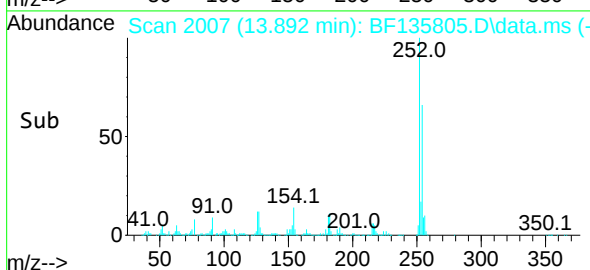
Supervised By :mohammad ahmed 10/18/2023

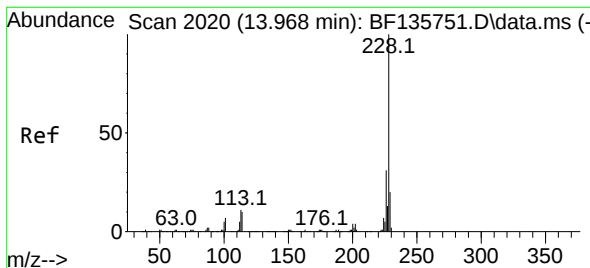


#82
3,3'-Dichlorobenzidine
Concen: 36.097 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:252 Resp: 250645
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 11.7 11.0 16.4





#83

Chrysene

Concen: 41.153 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

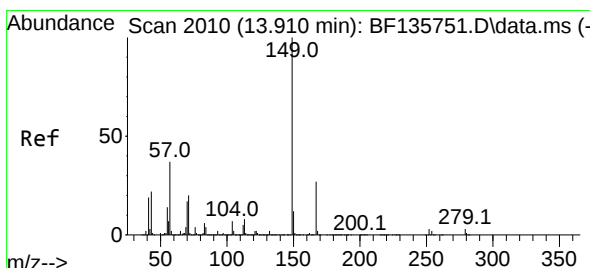
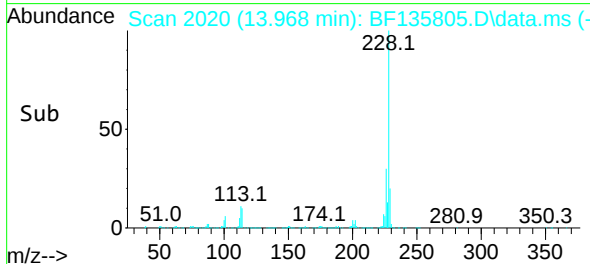
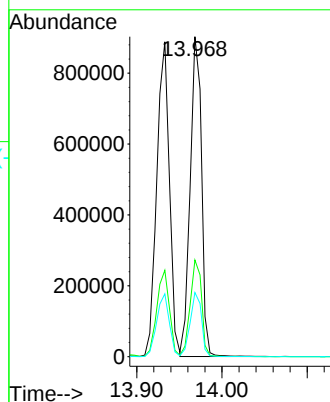
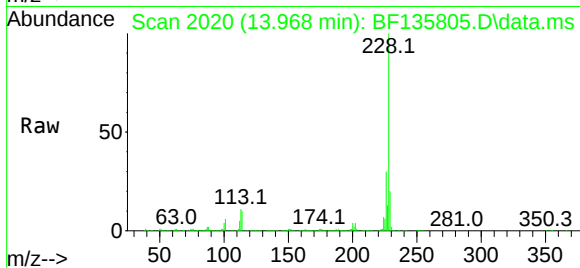
Tgt Ion:228	Resp: 83454
Ion Ratio	Lower Upper
228 100	
226 30.2	24.4 36.6
229 20.1	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.918 ng

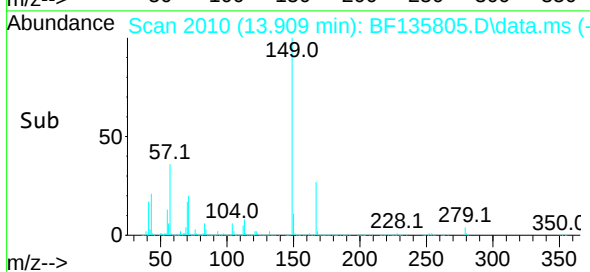
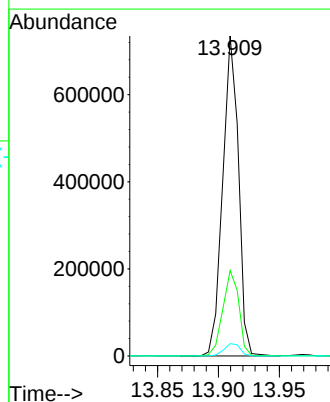
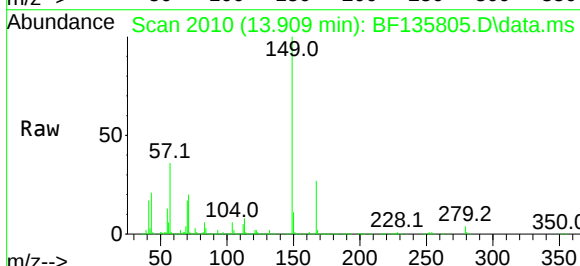
RT: 13.909 min Scan# 2010

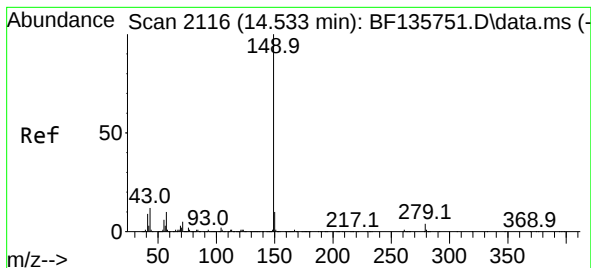
Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

Tgt Ion:149	Resp: 662538
Ion Ratio	Lower Upper
149 100	
167 26.7	21.3 31.9
279 3.9	2.7 4.1





#85

Di-n-octyl phthalate

Concen: 43.865 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF135805.D

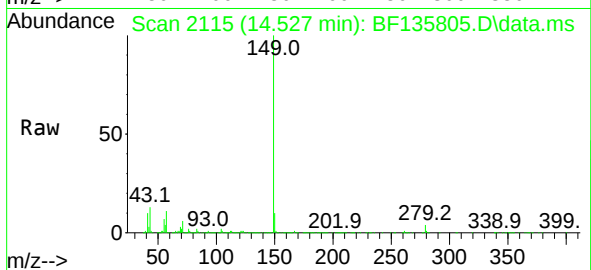
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



Tgt Ion:149 Resp: 1049324

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

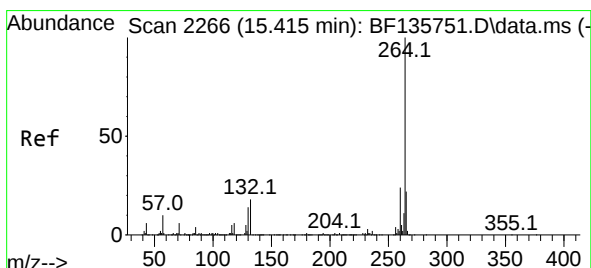
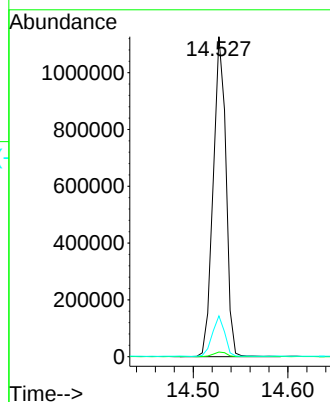
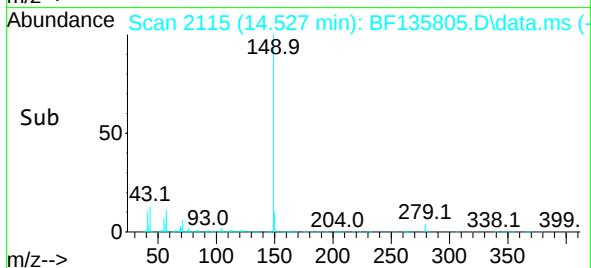
43 12.2 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135805.D

Acq: 17 Oct 2023 11:27

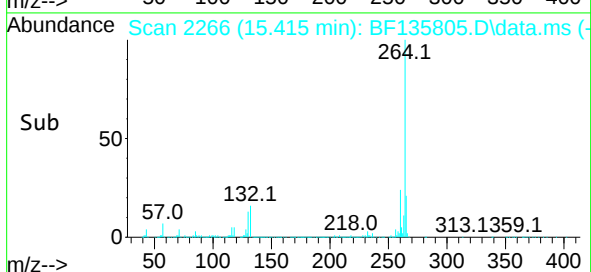
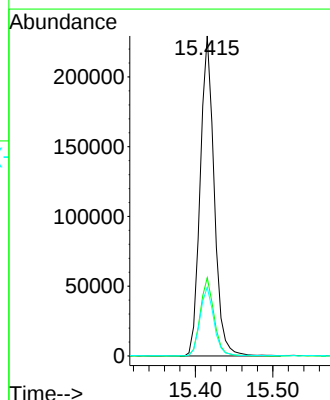
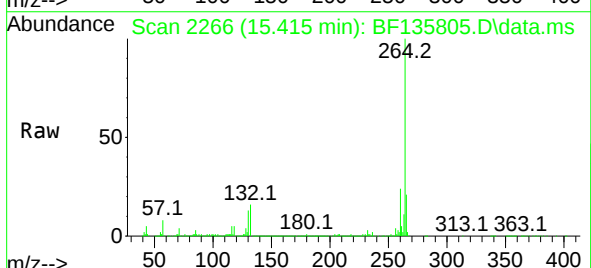
Tgt Ion:264 Resp: 287654

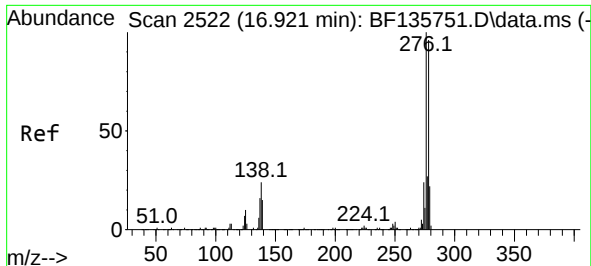
Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 17.4 26.2





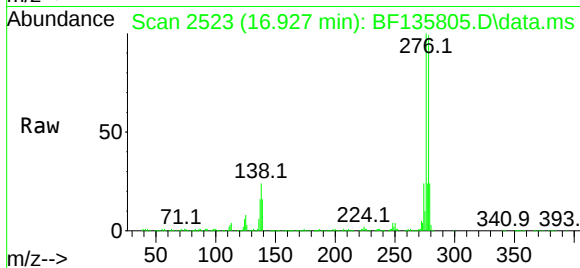
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.083 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS

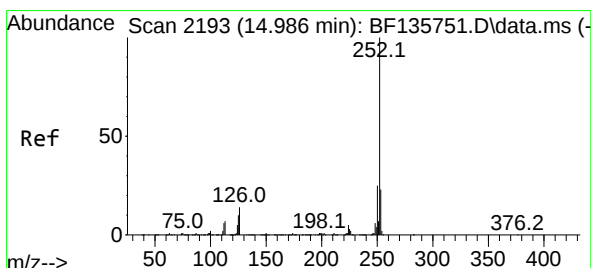
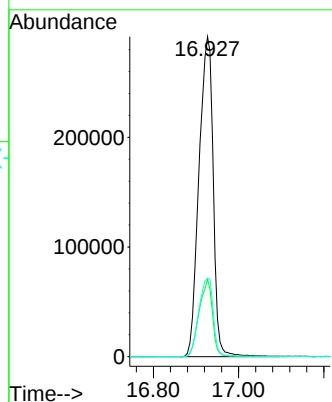
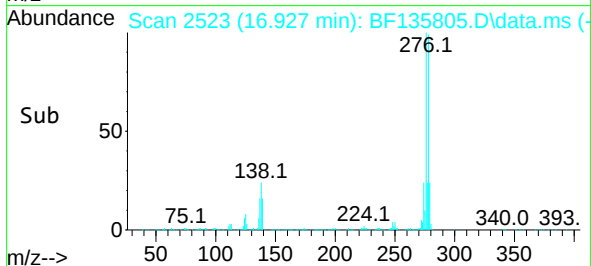


Tgt Ion:276 Resp: 67526
Ion Ratio Lower Upper
276 100
138 22.6 19.8 29.6
277 25.1 20.2 30.4

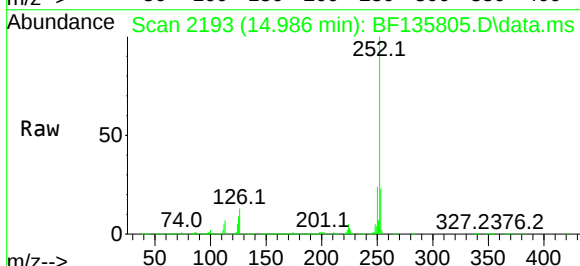
Manual Integrations

APPROVED

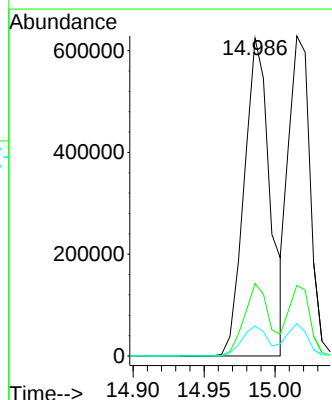
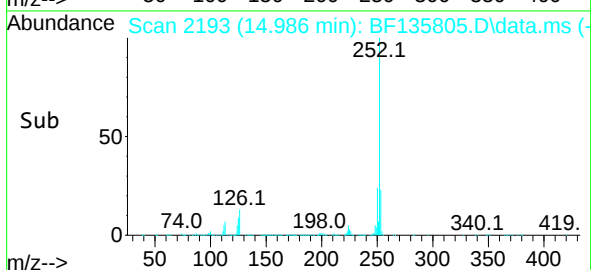
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

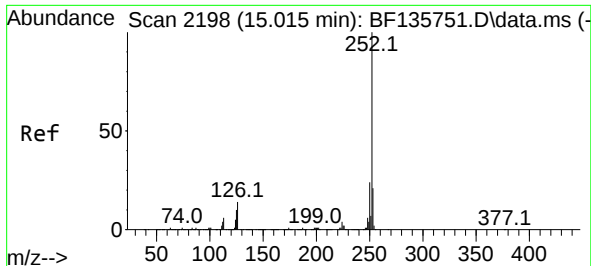


#88
Benzo(b)fluoranthene
Concen: 49.190 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:252 Resp: 791902
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.5 8.2 12.2





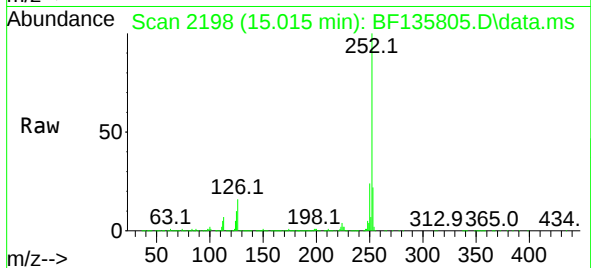
#89
Benzo(k)fluoranthene
Concen: 42.537 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

PB156118BS



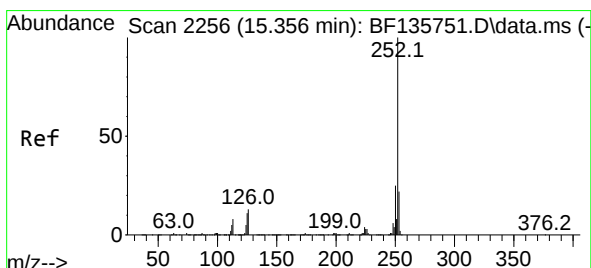
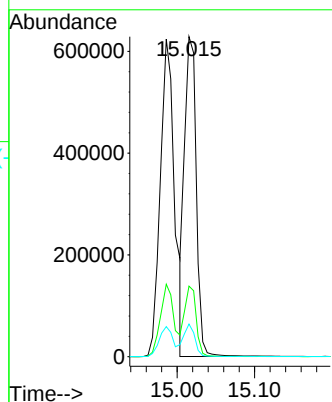
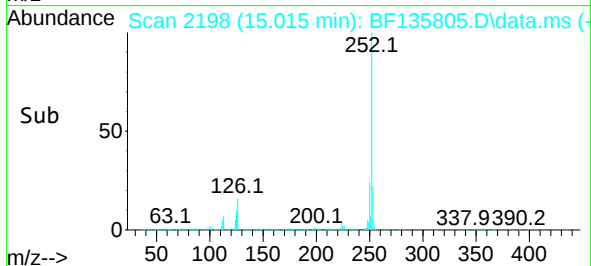
Tgt Ion:252 Resp: 66484
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.2 8.3 12.5

Manual Integrations

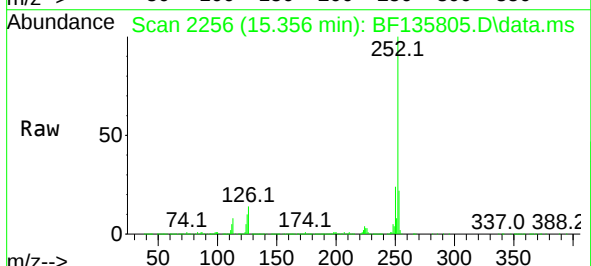
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

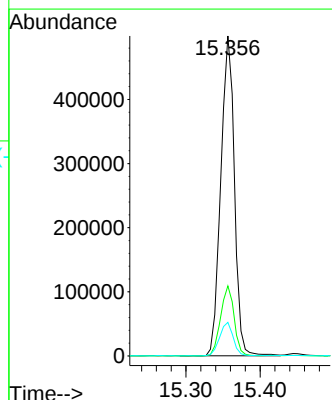
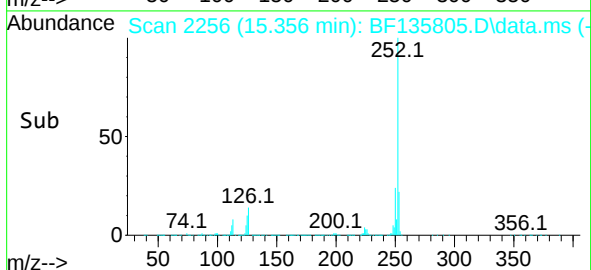
Supervised By :mohammad ahmed 10/18/2023

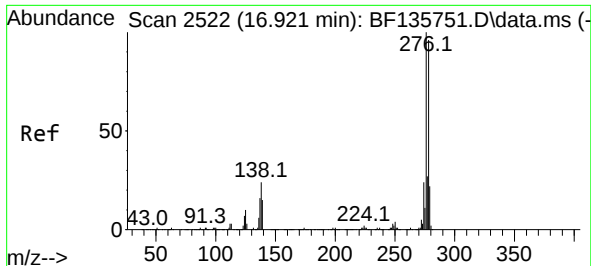


#90
Benzo(a)pyrene
Concen: 42.108 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:252 Resp: 637443
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.5 8.8 13.2





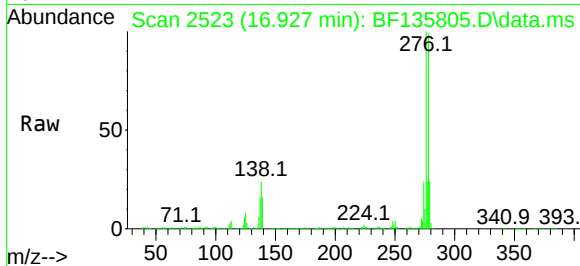
#91
Dibenzo(a,h)anthracene
Concen: 43.233 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27

Instrument :

BNA_F

ClientSampleId :

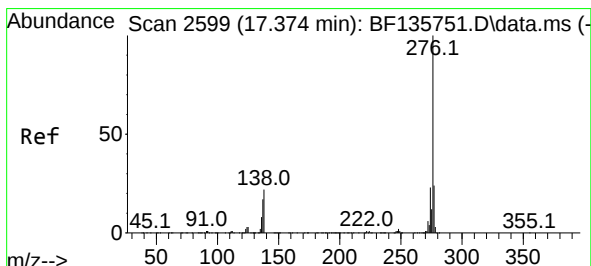
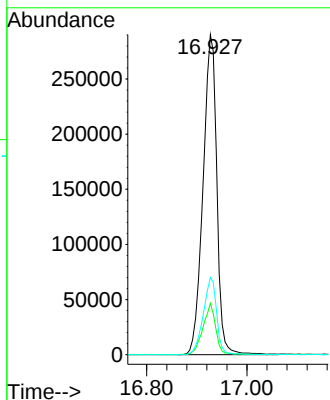
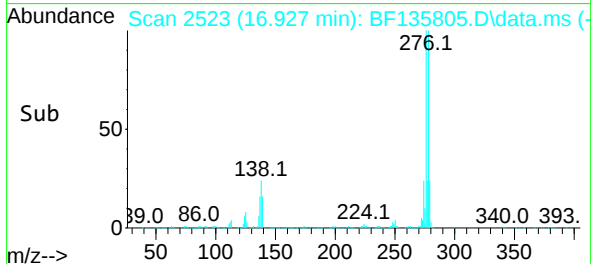
PB156118BS



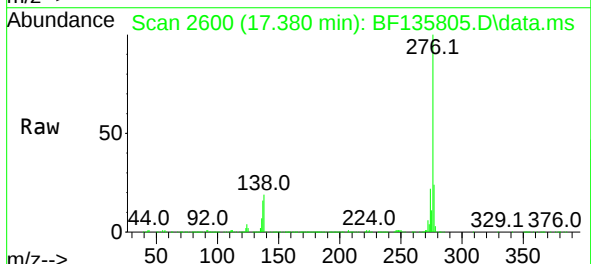
Tgt Ion:278 Resp: 555490
Ion Ratio Lower Upper
278 100
139 16.1 12.5 18.7
279 24.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#92
Benzo(g,h,i)perylene
Concen: 42.341 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF135805.D
Acq: 17 Oct 2023 11:27



Tgt Ion:276 Resp: 558834
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 18.9 17.3 25.9

