

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135806.D
 Acq On : 17 Oct 2023 11:58
 Operator : CG\JU
 Sample : PB156118BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:34:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	126557	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	512507	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	261066	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	486839	20.000	ng	0.00
76) Chrysene-d12	13.945	240	306620	20.000	ng	0.00
86) Perylene-d12	15.416	264	279956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	918289	116.657	ng	0.01
7) Phenol-d6	6.398	99	1133638	115.422	ng	0.00
23) Nitrobenzene-d5	7.316	82	708454	76.027	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	289702	115.643	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1246888	74.675	ng	0.00
79) Terphenyl-d14	12.875	244	1370179	82.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	125102	32.949	ng	98
3) Pyridine	3.334	79	284497	30.539	ng	96
4) n-Nitrosodimethylamine	3.293	42	212007	42.318	ng	99
6) Aniline	6.410	93	358831	29.031	ng	# 36
8) 2-Chlorophenol	6.534	128	377992	44.530	ng	98
9) Benzaldehyde	6.298	77	73097	13.076	ng	99
10) Phenol	6.410	94	436693	42.433	ng	91
11) bis(2-Chloroethyl)ether	6.481	93	356045	42.937	ng	98
12) 1,3-Dichlorobenzene	6.675	146	372744	43.314	ng	98
13) 1,4-Dichlorobenzene	6.757	146	372061	42.678	ng	98
14) 1,2-Dichlorobenzene	6.904	146	332960	42.418	ng	98
15) Benzyl Alcohol	6.898	79	288413	44.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	591960	39.472	ng	69
17) 2-Methylphenol	7.010	107	281115	38.255	ng	95
18) Hexachloroethane	7.240	117	135220	42.779	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	236938	39.016	ng	98
20) 3+4-Methylphenols	7.169	107	351245	38.341	ng	95
22) Acetophenone	7.157	105	476856	40.570	ng	99
24) Nitrobenzene	7.334	77	373325	39.918	ng	96
25) Isophorone	7.569	82	701859	39.924	ng	99
26) 2-Nitrophenol	7.645	139	197000	43.164	ng	98
27) 2,4-Dimethylphenol	7.687	122	297016	39.531	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	424090	40.508	ng	99
29) 2,4-Dichlorophenol	7.893	162	307455	43.666	ng	96
30) 1,2,4-Trichlorobenzene	7.963	180	307685	42.725	ng	98
31) Naphthalene	8.040	128	1032014	41.284	ng	99
32) Benzoic acid	7.863	122	226582	44.551	ng	96
33) 4-Chloroaniline	8.104	127	234767	21.499	ng	96
34) Hexachlorobutadiene	8.151	225	184239	43.222	ng	98
35) Caprolactam	8.492	113	104047m	43.226	ng	
36) 4-Chloro-3-methylphenol	8.604	107	336106	43.044	ng	99
37) 2-Methylnaphthalene	8.734	142	642552	39.014	ng	99
38) 1-Methylnaphthalene	8.834	142	606445	39.922	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	308497	41.080	ng	99
41) Hexachlorocyclopentadiene	8.881	237	127850	81.203	ng	94
43) 2,4,6-Trichlorophenol	9.028	196	203212	41.992	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135806.D
 Acq On : 17 Oct 2023 11:58
 Operator : CG\JU
 Sample : PB156118BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BSD

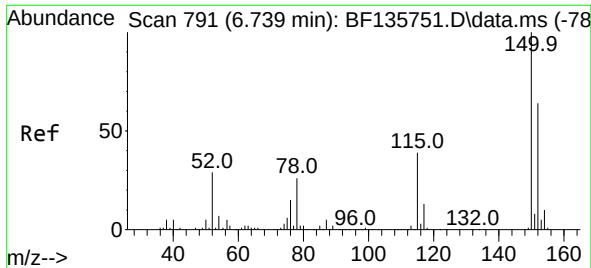
Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:34:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

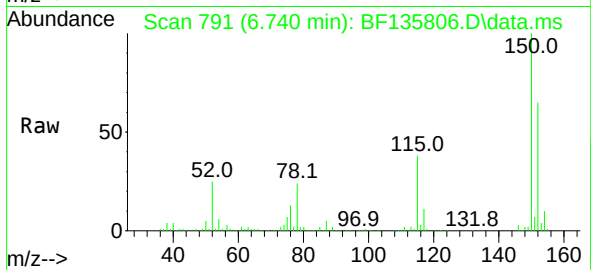
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	215534	38.293	ng	96
46) 1,1'-Biphenyl	9.204	154	792271	39.617	ng	98
47) 2-Chloronaphthalene	9.228	162	604372	41.934	ng	98
48) 2-Nitroaniline	9.339	65	234608	41.239	ng	99
49) Acenaphthylene	9.639	152	993566	41.657	ng	99
50) Dimethylphthalate	9.510	163	732652	41.572	ng	100
51) 2,6-Dinitrotoluene	9.586	165	163778	43.215	ng	# 81
52) Acenaphthene	9.816	154	592842	41.469	ng	99
53) 3-Nitroaniline	9.757	138	155251	33.417	ng	98
54) 2,4-Dinitrophenol	9.881	184	172114	108.795	ng	98
55) Dibenzofuran	9.986	168	887292	41.134	ng	99
56) 4-Nitrophenol	9.945	139	197123	91.739	ng	96
57) 2,4-Dinitrotoluene	9.998	165	208523	43.248	ng	93
58) Fluorene	10.334	166	679903	40.262	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	183182	43.065	ng	98
60) Diethylphthalate	10.216	149	725639	40.332	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	321679	39.413	ng	98
62) 4-Nitroaniline	10.381	138	162682	38.058	ng	98
63) Azobenzene	10.486	77	689511	39.445	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	111859	45.655	ng	90
66) n-Nitrosodiphenylamine	10.451	169	612617	41.285	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	202377	41.411	ng	98
68) Hexachlorobenzene	10.886	284	223263	44.872	ng	96
69) Atrazine	10.986	200	193939	48.051	ng	97
70) Pentachlorophenol	11.092	266	159613	81.337	ng	98
71) Phenanthrene	11.304	178	959775	41.153	ng	99
72) Anthracene	11.357	178	991080	41.010	ng	100
73) Carbazole	11.516	167	947624	42.044	ng	99
74) Di-n-butylphthalate	11.839	149	1152929	41.663	ng	99
75) Fluoranthene	12.498	202	1070638	41.362	ng	99
77) Benzidine	12.627	184	237711	35.528	ng	98
78) Pyrene	12.727	202	1097239	45.032	ng	100
80) Butylbenzylphthalate	13.351	149	470307	43.925	ng	96
81) Benzo(a)anthracene	13.933	228	890002	44.191	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	240844	36.057	ng	99
83) Chrysene	13.969	228	816193	41.841	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	653403	45.026	ng	99
85) Di-n-octyl phthalate	14.527	149	1023061	44.459	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	719576	47.173	ng	98
88) Benzo(b)fluoranthene	14.986	252	717034	45.764	ng	99
89) Benzo(k)fluoranthene	15.016	252	696228	45.770	ng	98
90) Benzo(a)pyrene	15.357	252	619610	42.055	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	600270	48.002	ng	100
92) Benzo(g,h,i)perylene	17.374	276	573631	44.657	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

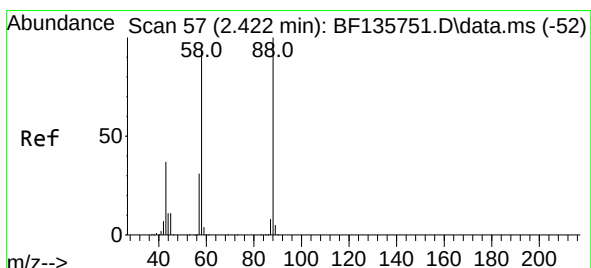
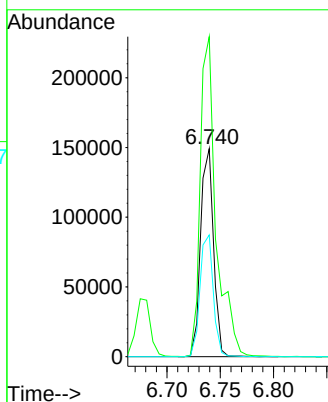
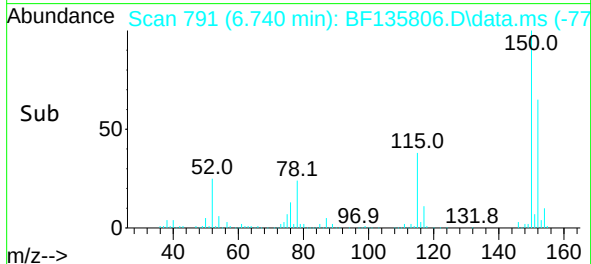
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



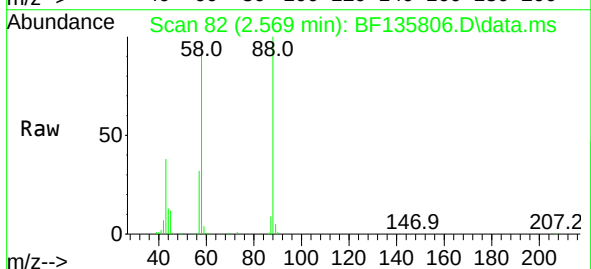
Tgt Ion:152 Resp: 12655
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 58.6 49.0 73.4

Manual Integrations
APPROVED

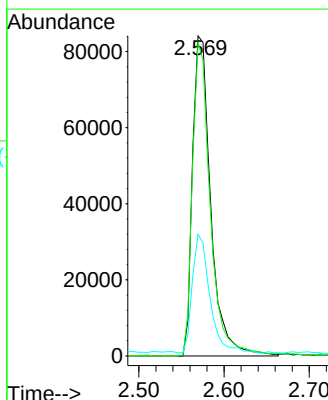
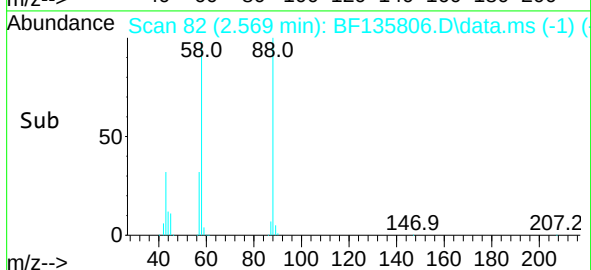
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

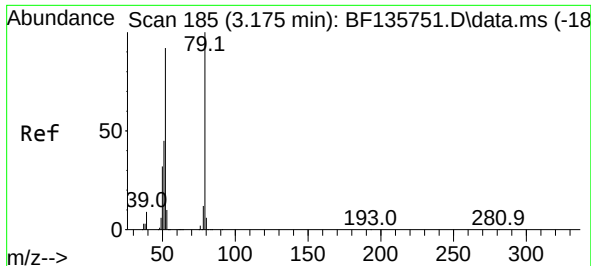


#2
1,4-Dioxane
Concen: 32.949 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.129 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



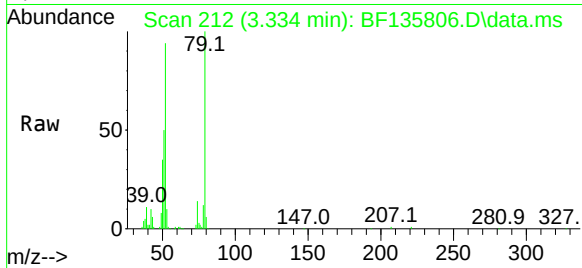
Tgt Ion: 88 Resp: 125102
Ion Ratio Lower Upper
88 100
58 97.2 76.1 114.1
43 36.1 29.8 44.8





#3
Pyridine
Concen: 30.539 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.147 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

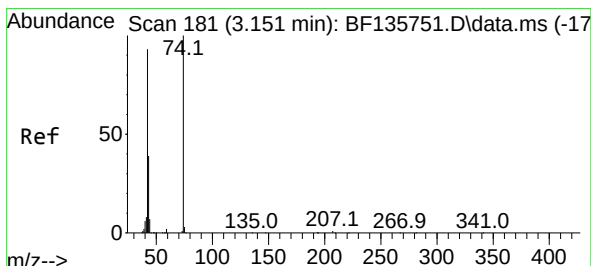
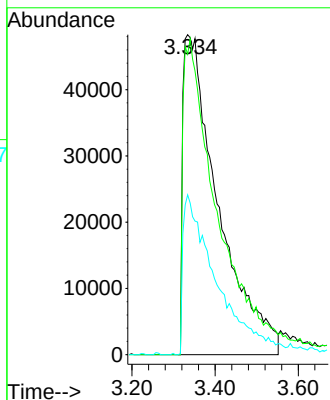
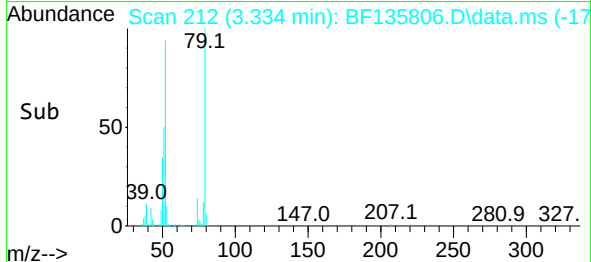
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



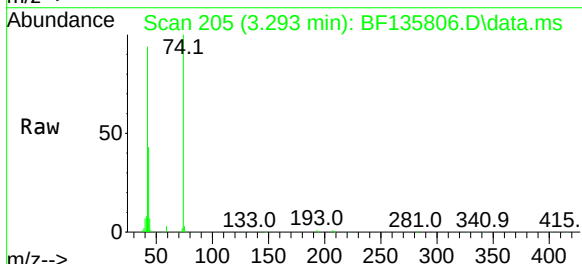
Tgt Ion: 79 Resp: 28449
Ion Ratio Lower Upper
79 100
52 93.9 73.4 110.2
51 50.0 36.5 54.7

Manual Integrations
APPROVED

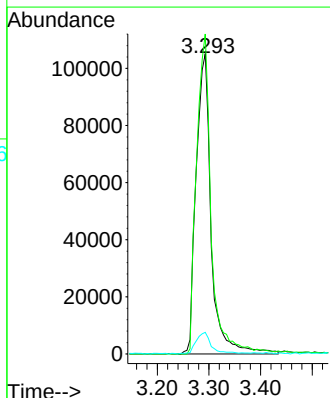
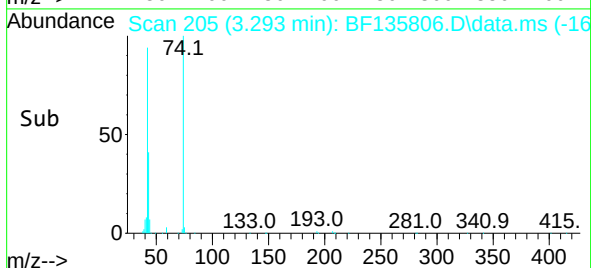
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

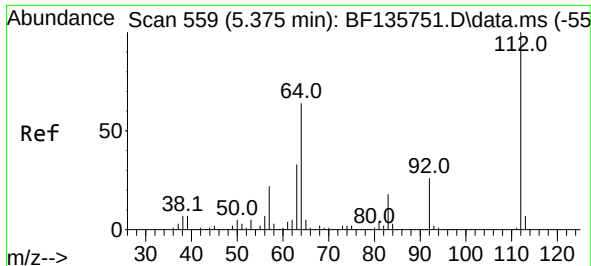


#4
n-Nitrosodimethylamine
Concen: 42.318 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.124 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion: 42 Resp: 212007
Ion Ratio Lower Upper
42 100
74 106.6 86.5 129.7
44 7.2 5.9 8.9





#5
2-Fluorophenol
Concen: 116.657 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

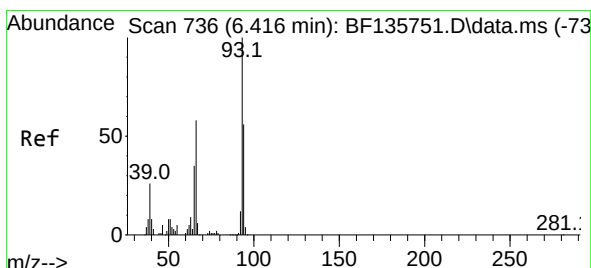
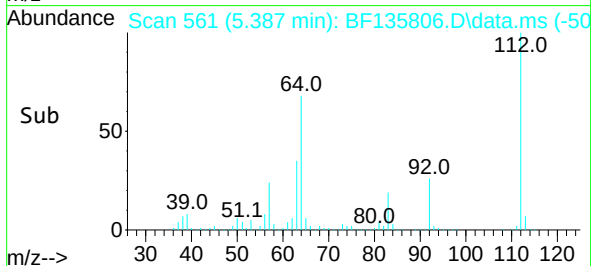
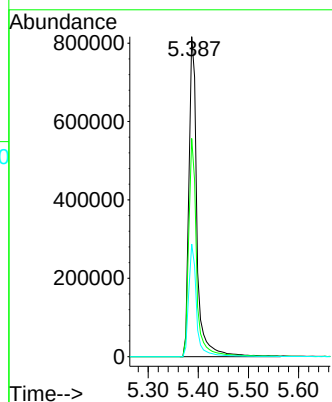
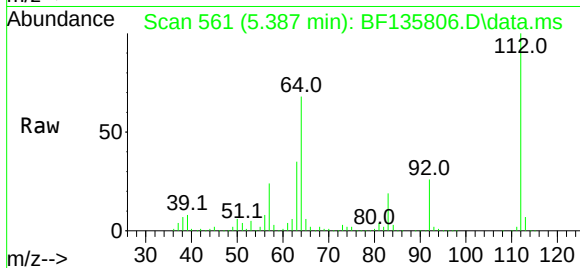
PB156118BSD

Tgt Ion:112 Resp: 918289
Ion Ratio Lower Upper
112 100
64 68.2 51.2 76.8
63 35.2 26.1 39.1

Manual Integrations

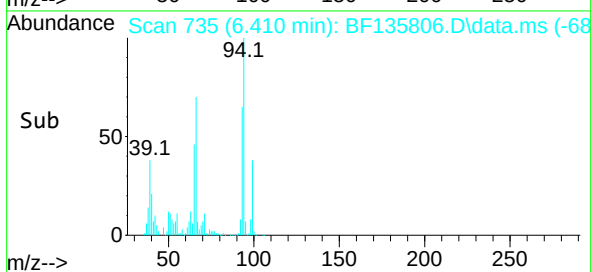
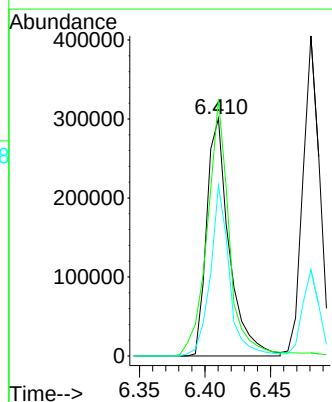
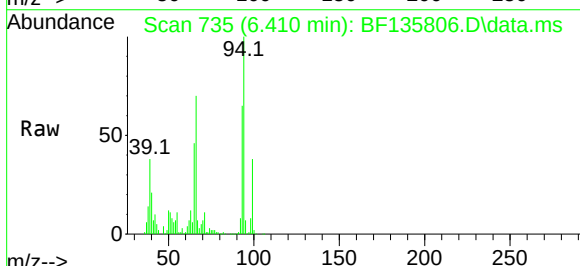
APPROVED

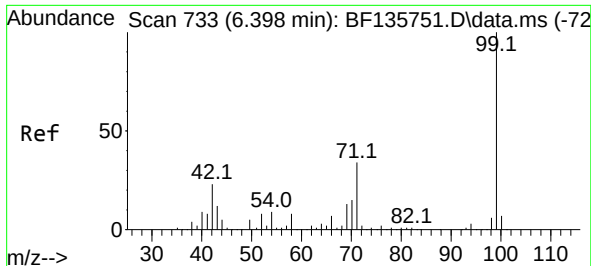
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#6
Aniline
Concen: 29.031 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion: 93 Resp: 358831
Ion Ratio Lower Upper
93 100
66 108.2 47.6 71.4#
65 71.8 28.5 42.7#





#7

Phenol-d6

Concen: 115.422 ng

RT: 6.398 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion: 99 Resp: 113363

Ion Ratio Lower Upper

99 100

42 23.3 18.4 27.6

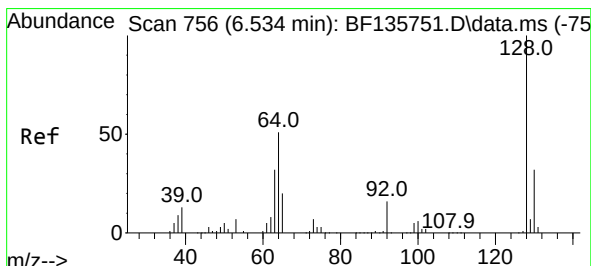
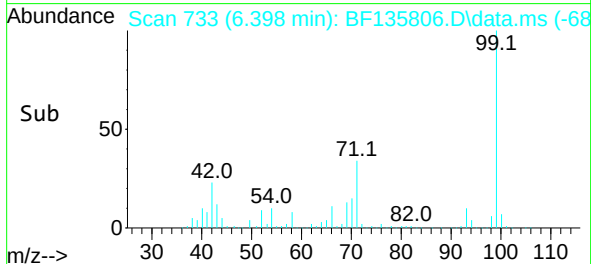
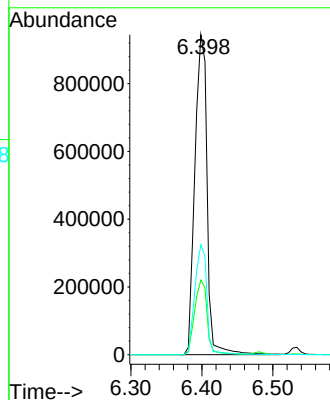
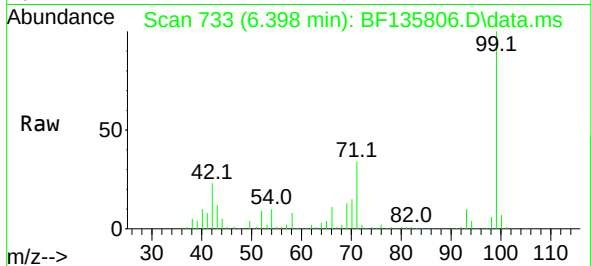
71 34.4 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#8

2-Chlorophenol

Concen: 44.530 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

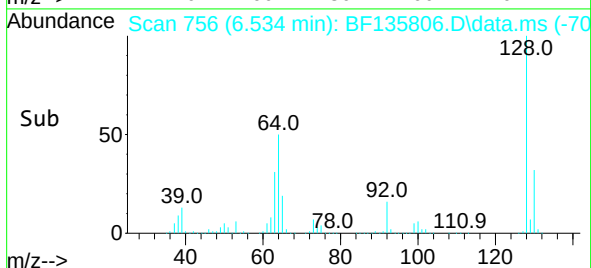
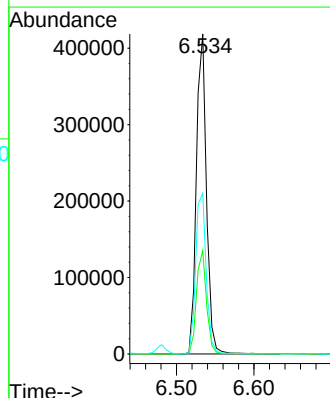
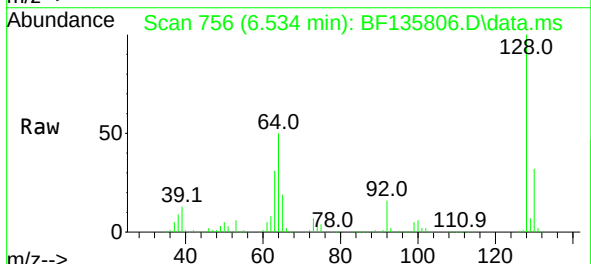
Tgt Ion:128 Resp: 377992

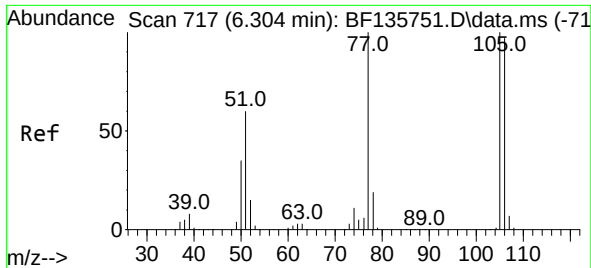
Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

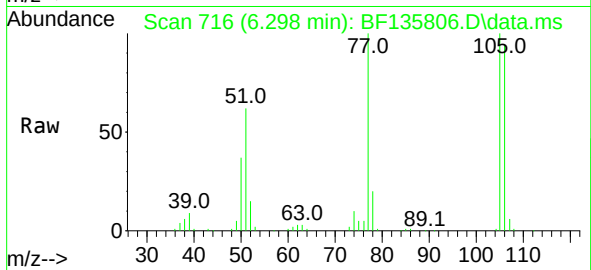
64 50.2 32.3 72.3





#9
Benzaldehyde
Concen: 13.076 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

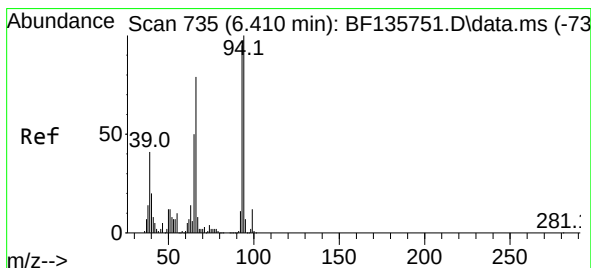
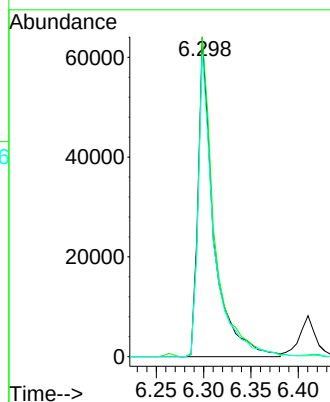
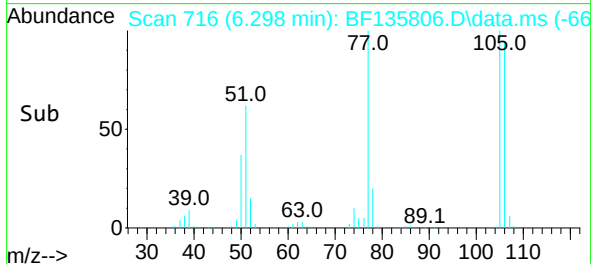
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



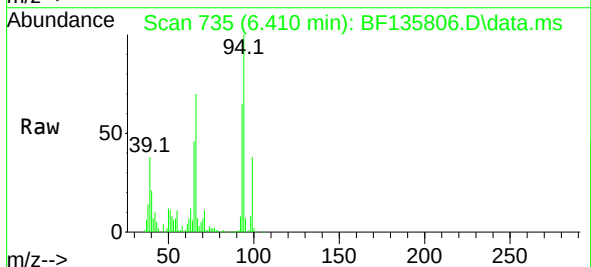
Tgt Ion: 77 Resp: 7309
Ion Ratio Lower Upper
77 100
105 100.3 79.9 119.9
106 94.8 77.1 117.1

Manual Integrations
APPROVED

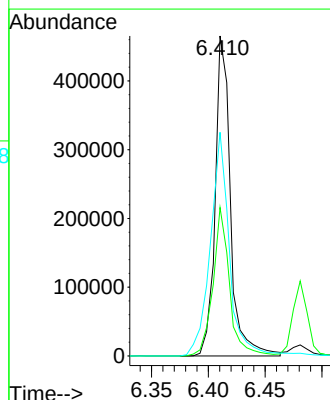
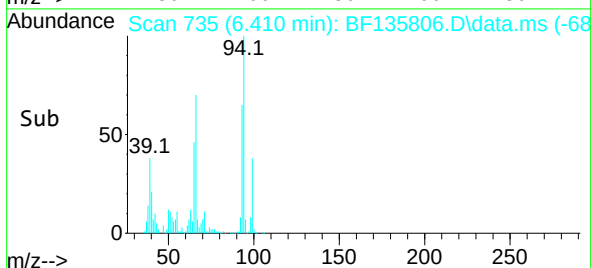
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

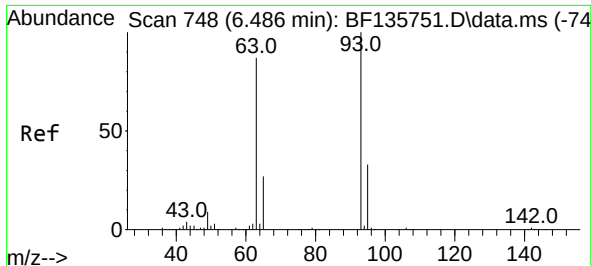


#10
Phenol
Concen: 42.433 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion: 94 Resp: 436693
Ion Ratio Lower Upper
94 100
65 46.4 30.3 70.3
66 69.9 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 42.937 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

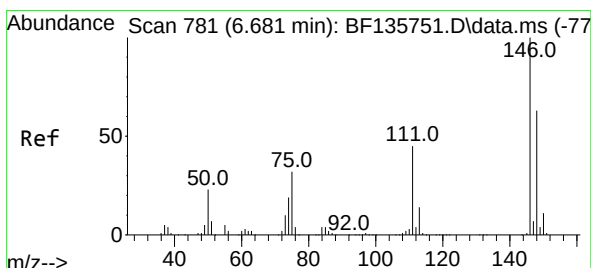
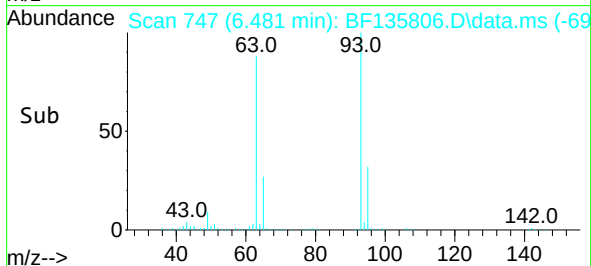
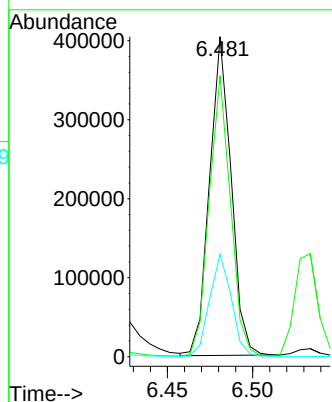
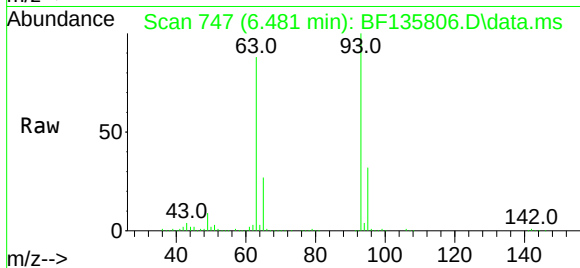
Tgt Ion: 93 Resp: 35604
 Ion Ratio Lower Upper
 93 100
 63 87.7 66.3 106.3
 95 32.0 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#12

1,3-Dichlorobenzene

Concen: 43.314 ng

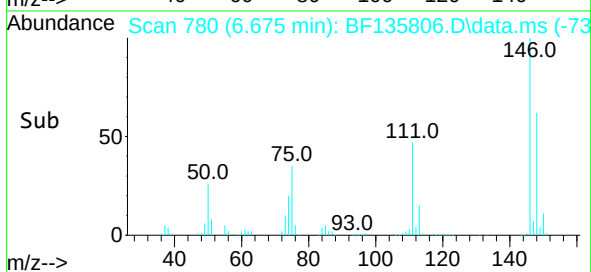
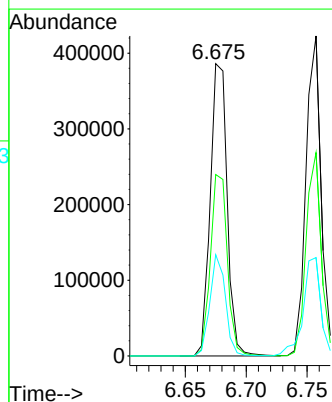
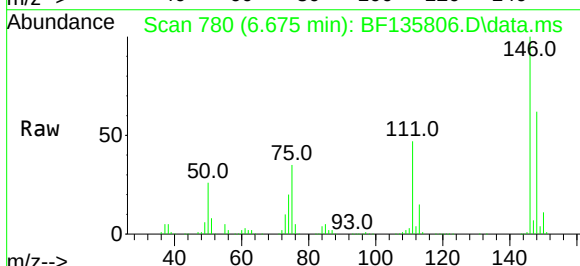
RT: 6.675 min Scan# 780

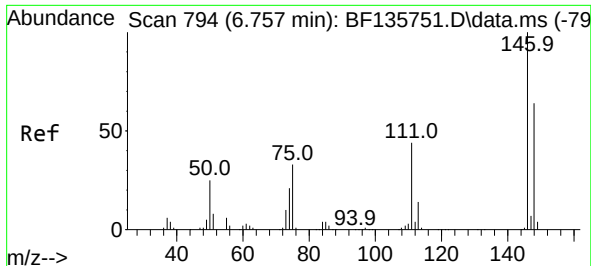
Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Tgt Ion:146 Resp: 372744
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.2 75.4
 75 34.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.678 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:146 Resp: 37206

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

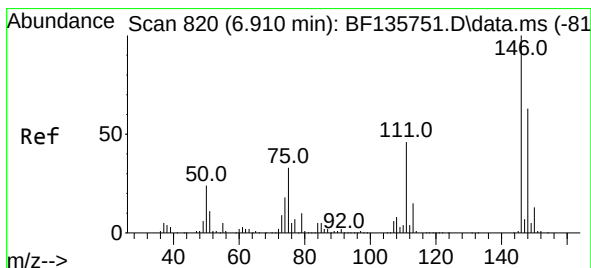
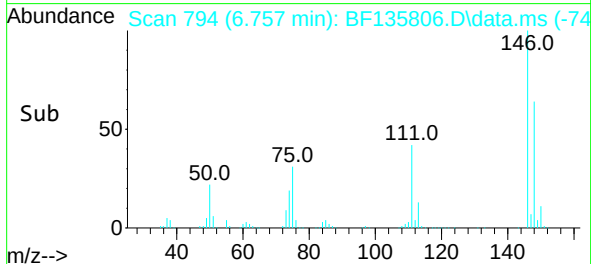
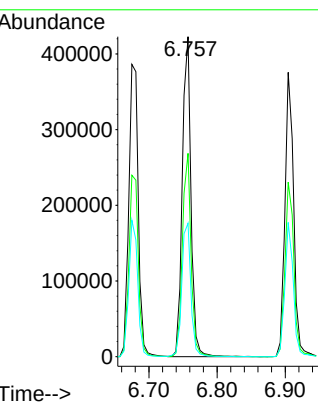
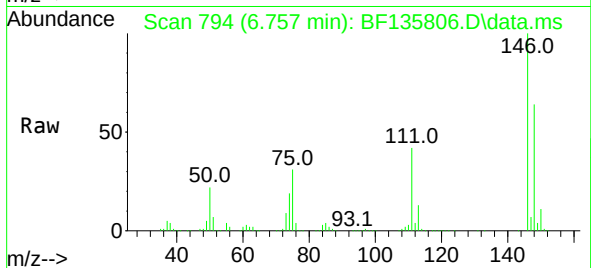
111 41.7 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#14

1,2-Dichlorobenzene

Concen: 42.418 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

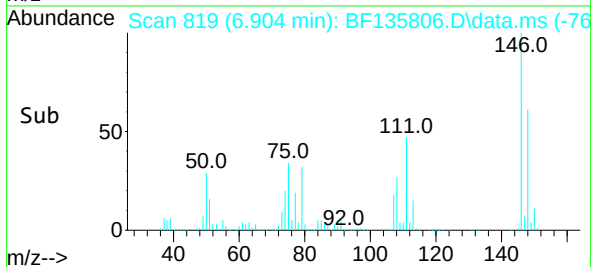
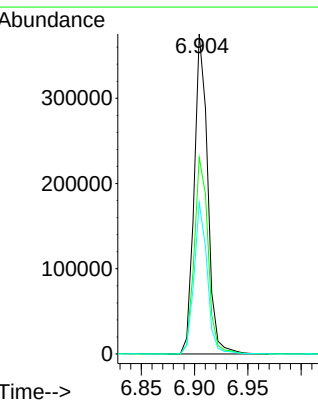
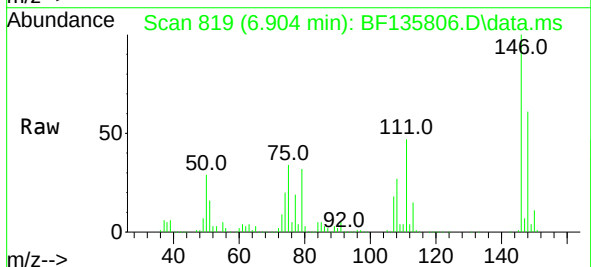
Tgt Ion:146 Resp: 332960

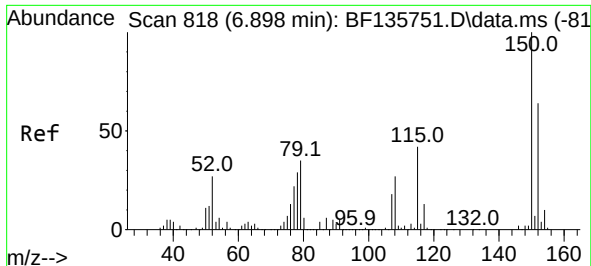
Ion Ratio Lower Upper

146 100

148 61.4 50.2 75.2

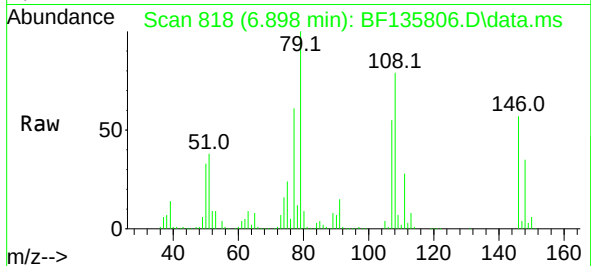
111 47.2 37.1 55.7





#15
Benzyl Alcohol
Concen: 44.164 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

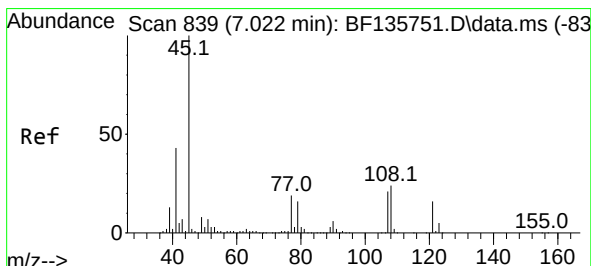
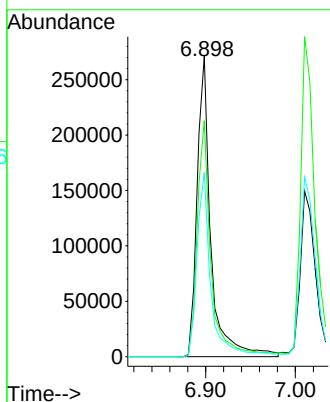
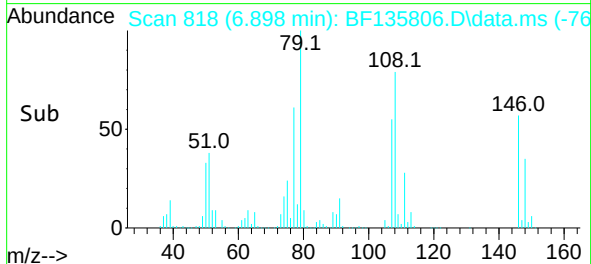
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



Tgt Ion: 79 Resp: 28841
Ion Ratio Lower Upper
79 100
108 78.6 62.0 93.0
77 61.3 50.5 75.7

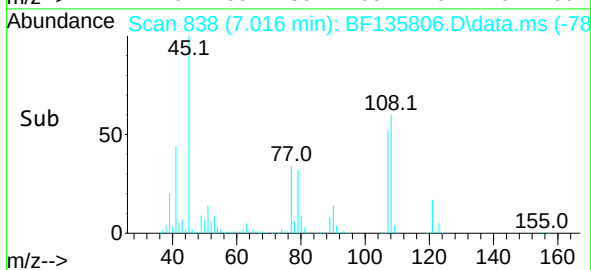
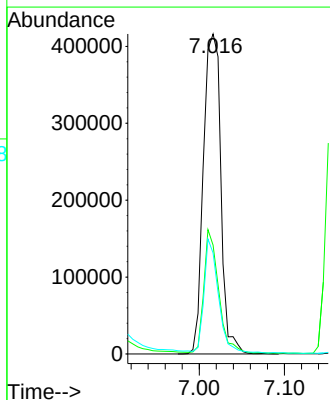
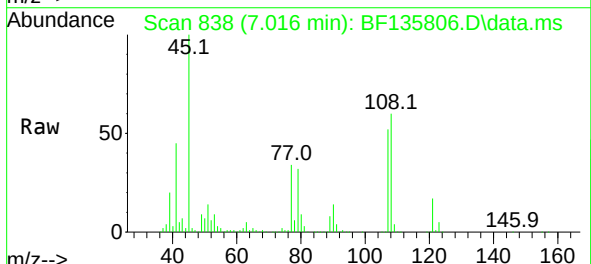
Manual Integrations
APPROVED

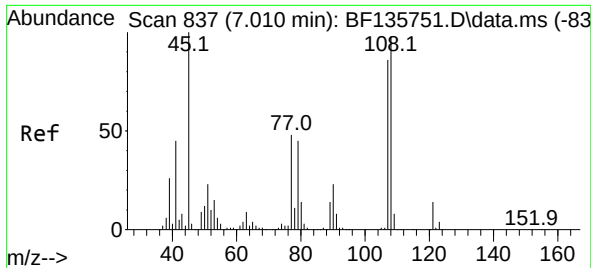
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.472 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

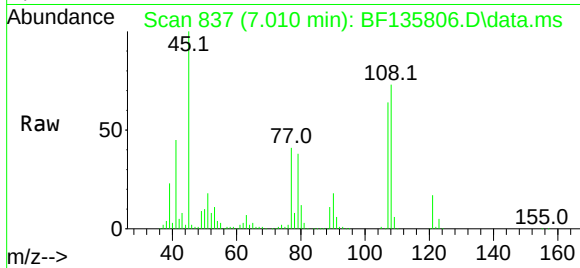
Tgt Ion: 45 Resp: 591960
Ion Ratio Lower Upper
45 100
77 34.0 0.0 39.8
79 31.5 0.0 37.6





#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

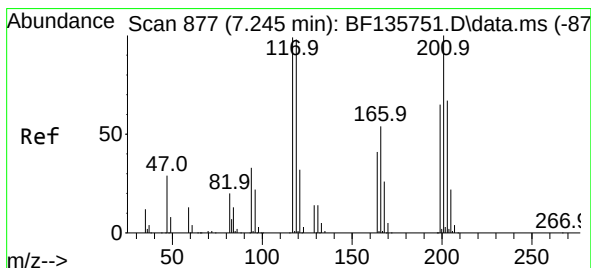
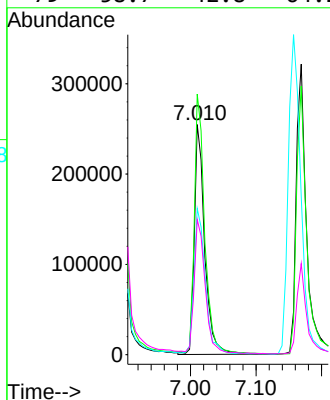
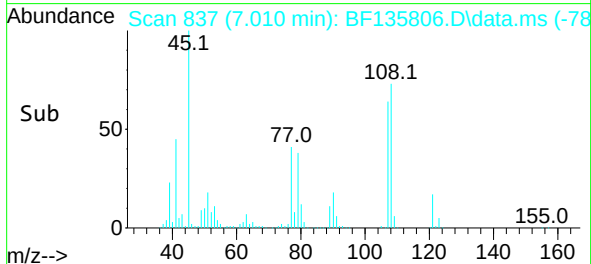
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



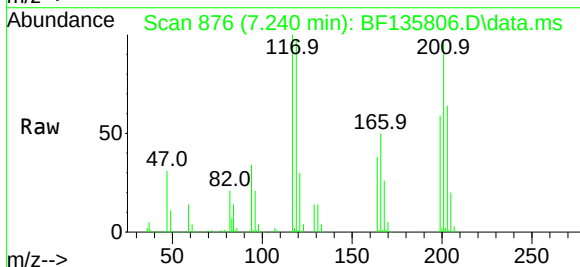
Tgt Ion:107 Resp: 281115
Ion Ratio Lower Upper
107 100
108 113.3 91.8 137.6
77 63.5 45.4 68.0
79 58.7 42.8 64.2

Manual Integrations
APPROVED

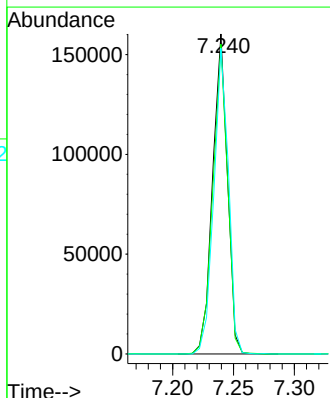
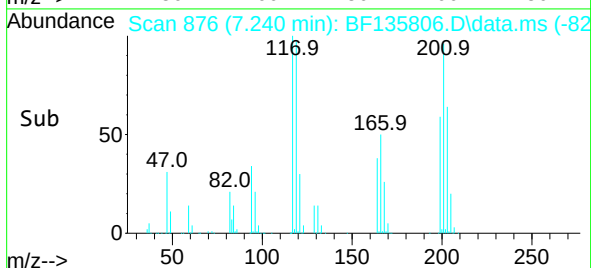
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

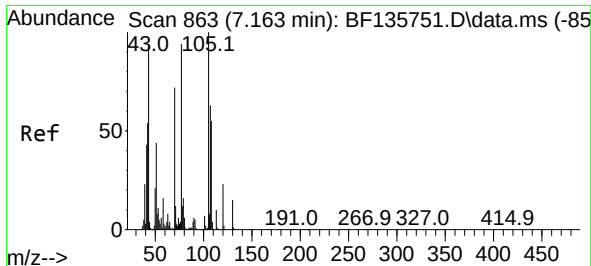


#18
Hexachloroethane
Concen: 42.779 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:117 Resp: 135220
Ion Ratio Lower Upper
117 100
119 96.8 79.5 119.3
201 95.6 80.9 121.3





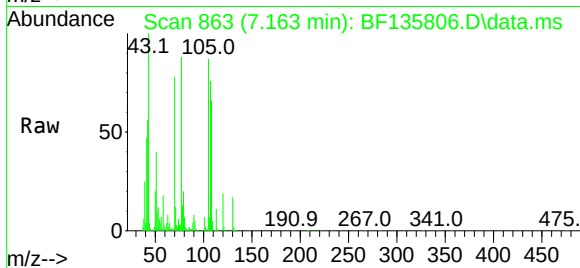
#19
n-Nitroso-di-n-propylamine
Concen: 39.016 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

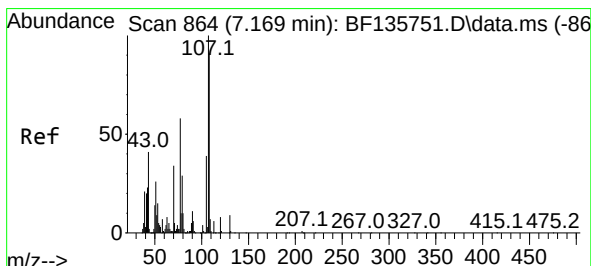
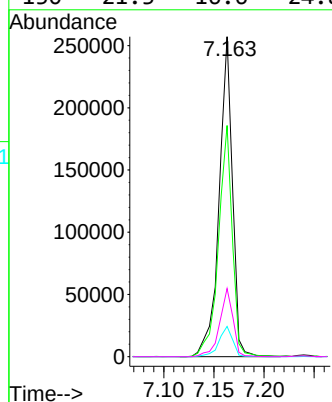
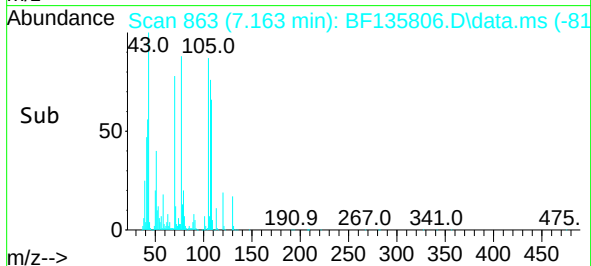


Tgt Ion: 70 Resp: 236938
Ion Ratio Lower Upper
70 100
42 72.3 59.8 89.6
101 9.4 7.4 11.2
130 21.3 16.6 24.8

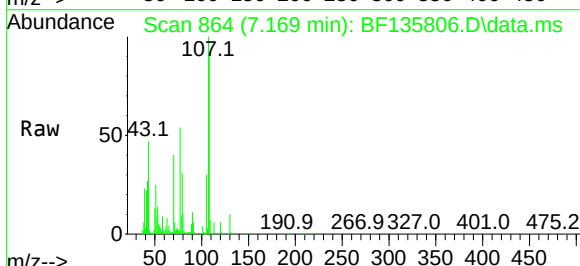
Manual Integrations

APPROVED

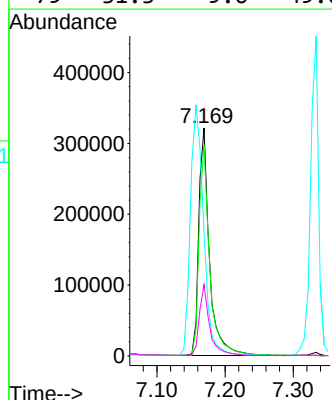
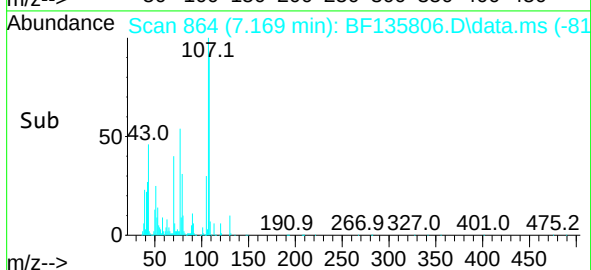
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

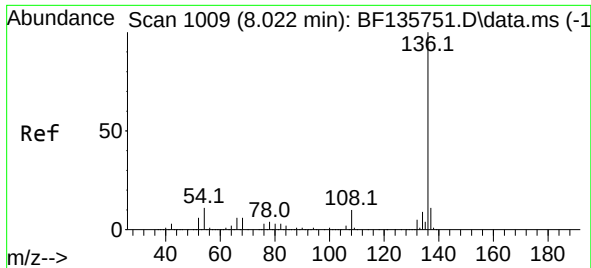


#20
3+4-Methylphenols
Concen: 38.341 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:107 Resp: 351245
Ion Ratio Lower Upper
107 100
108 92.4 71.1 111.1
77 54.4 42.0 82.0
79 31.3 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: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

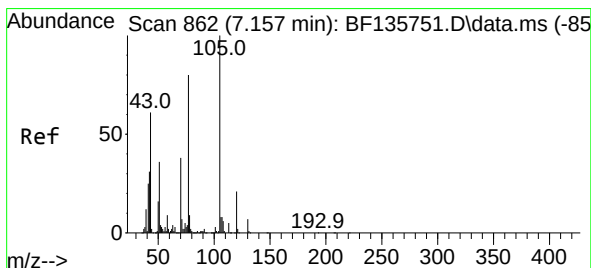
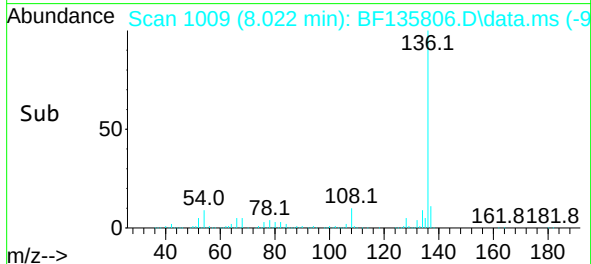
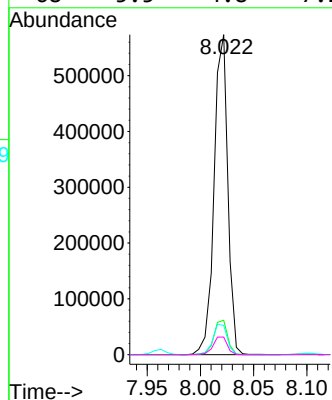
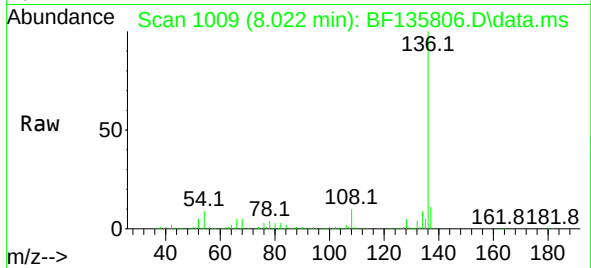
PB156118BSD

Tgt Ion:136 Resp: 51250
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.2 8.5 12.7
68 5.5 4.8 7.2

Manual Integrations

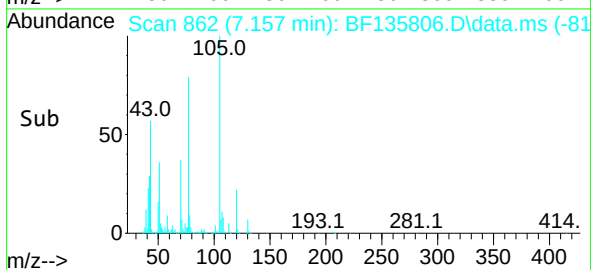
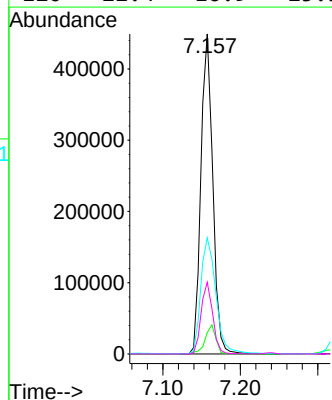
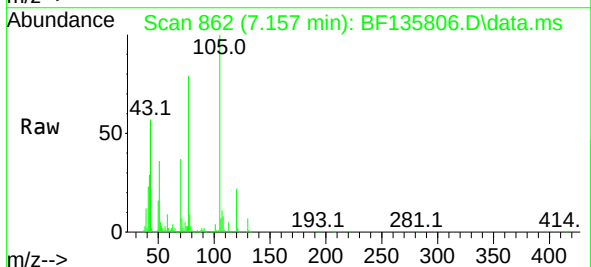
APPROVED

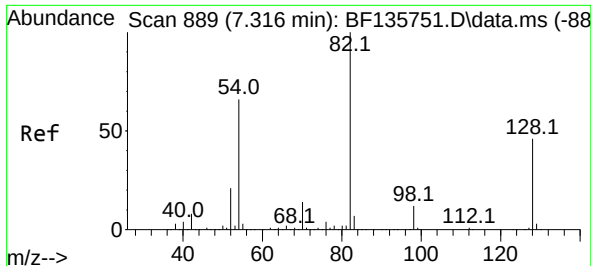
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#22
Acetophenone
Concen: 40.570 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:105 Resp: 476856
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.0
51 36.3 29.4 44.0
120 22.4 16.9 25.3





#23

Nitrobenzene-d5

Concen: 76.027 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF135806.D

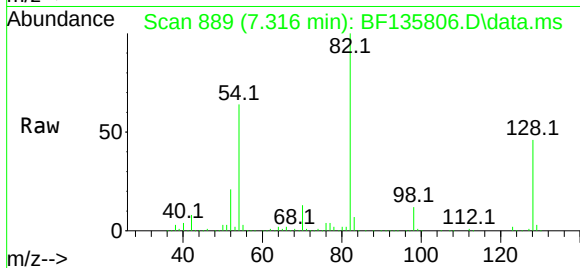
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD



Tgt Ion: 82 Resp: 708454

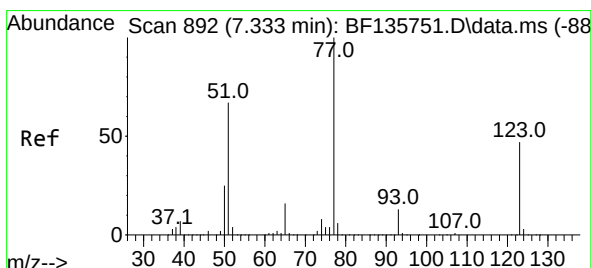
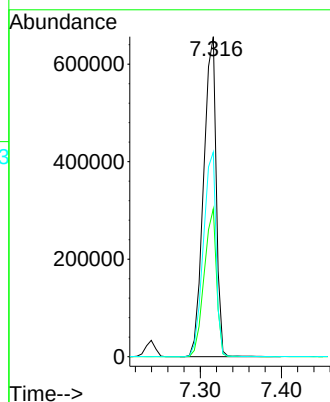
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.6
54	64.0	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#24

Nitrobenzene

Concen: 39.918 ng

RT: 7.334 min Scan# 892

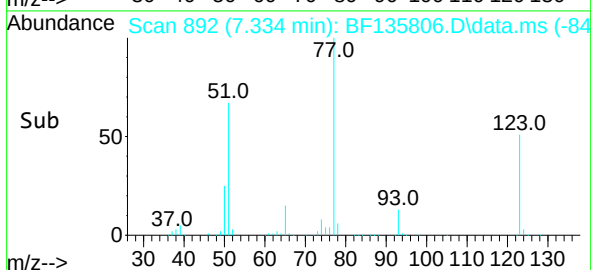
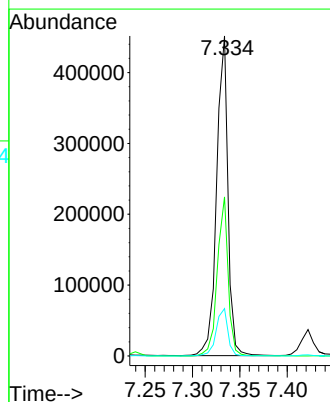
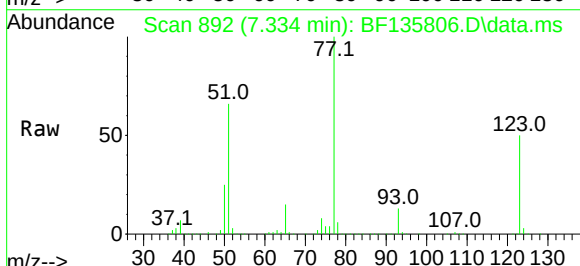
Delta R.T. 0.000 min

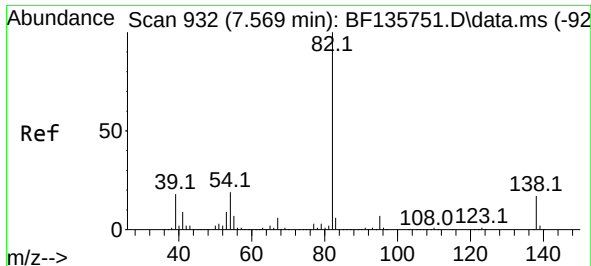
Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Tgt Ion: 77 Resp: 373325

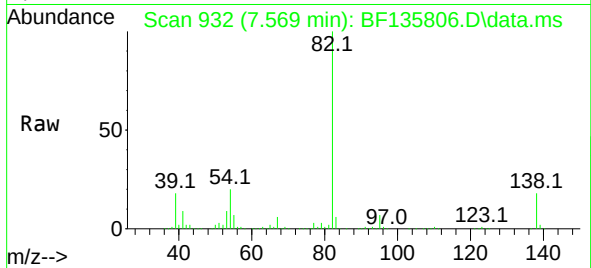
Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.3	55.9
65	14.8	12.6	18.8





#25
Isophorone
Concen: 39.924 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

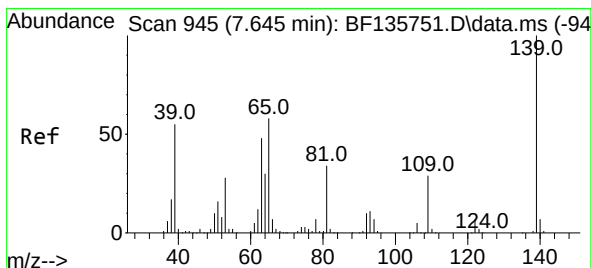
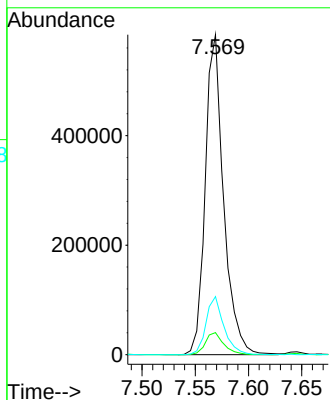
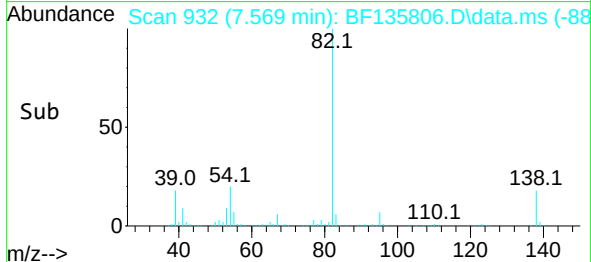
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



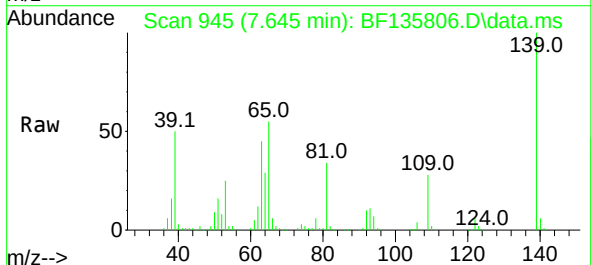
Tgt Ion: 82 Resp: 701859
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.2 13.9 20.9

Manual Integrations
APPROVED

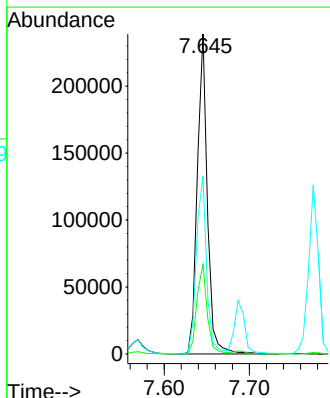
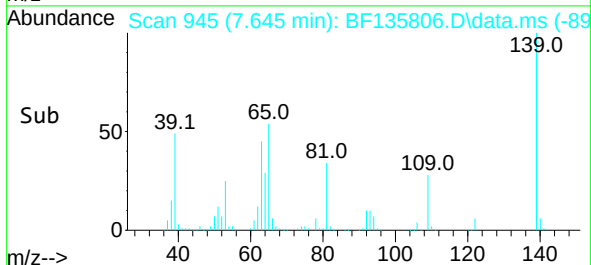
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

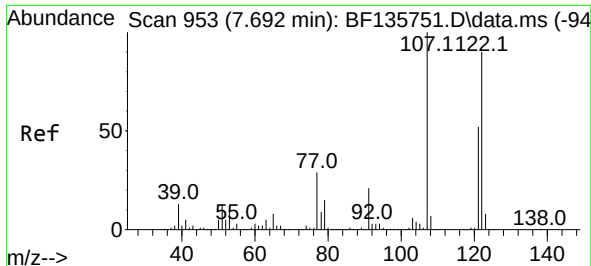


#26
2-Nitrophenol
Concen: 43.164 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:139 Resp: 197000
Ion Ratio Lower Upper
139 100
109 28.0 23.0 34.4
65 55.4 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 39.531 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

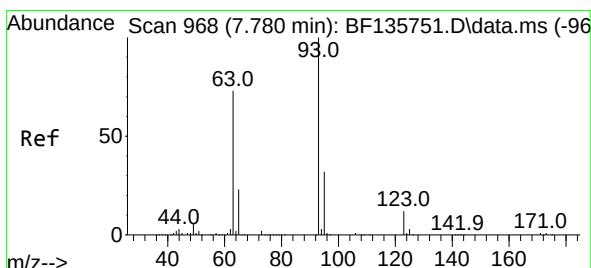
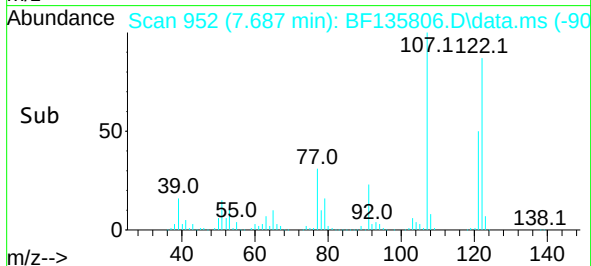
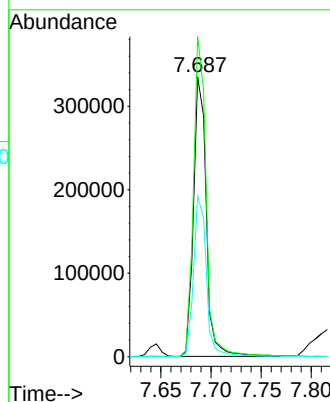
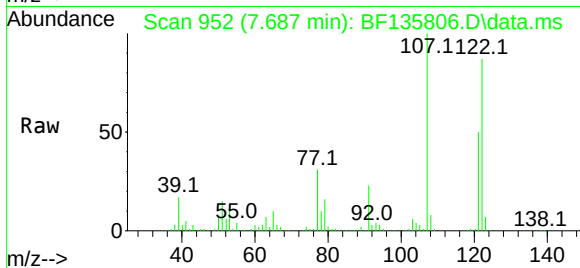
Tgt Ion:122 Resp: 297010
 Ion Ratio Lower Upper
 122 100
 107 114.4 88.2 132.4
 121 57.4 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.508 ng

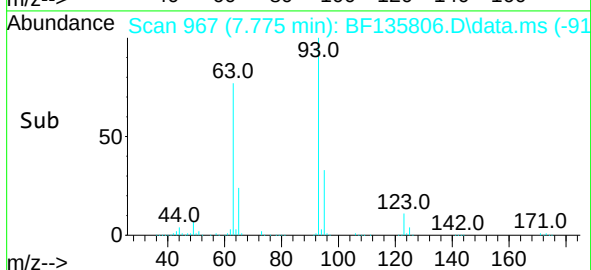
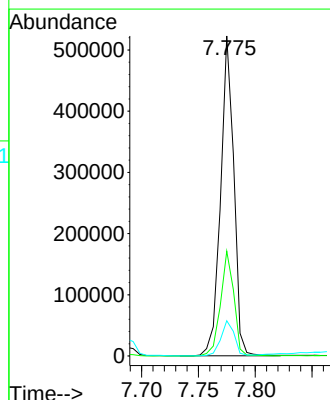
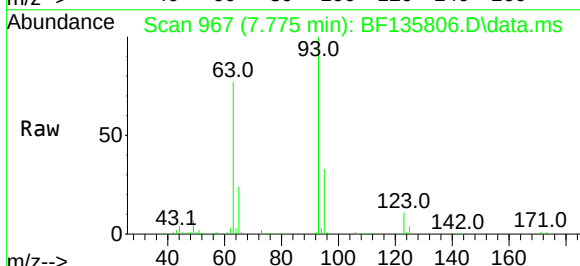
RT: 7.775 min Scan# 967

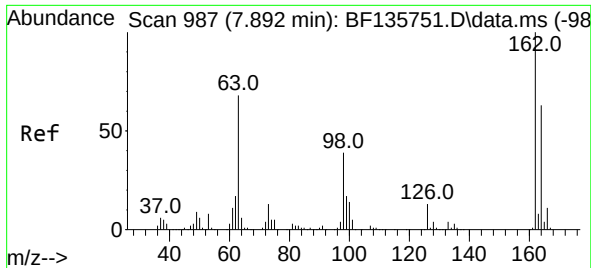
Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Tgt Ion: 93 Resp: 424090
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.7 38.5
 123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.666 ng

RT: 7.893 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

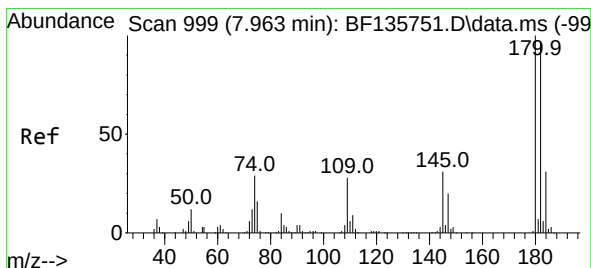
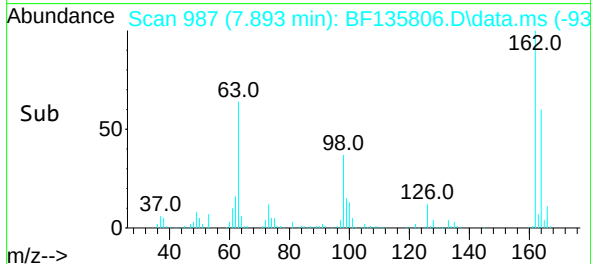
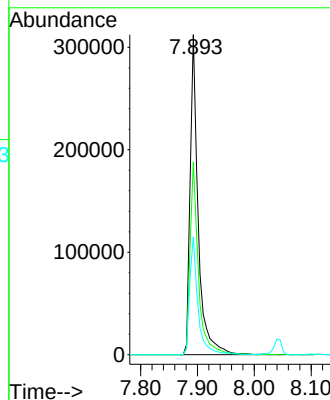
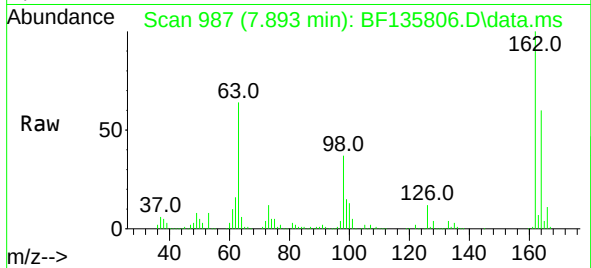
PB156118BSD

Tgt Ion:162 Resp: 307458
 Ion Ratio Lower Upper
 162 100
 164 60.2 43.4 83.4
 98 36.8 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: 42.725 ng

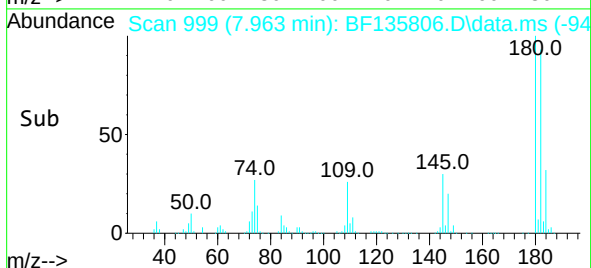
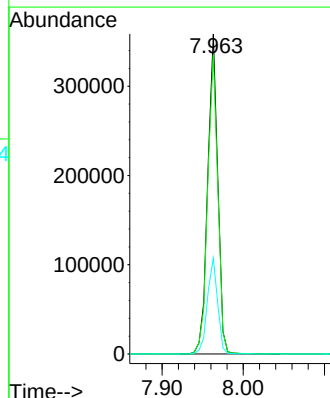
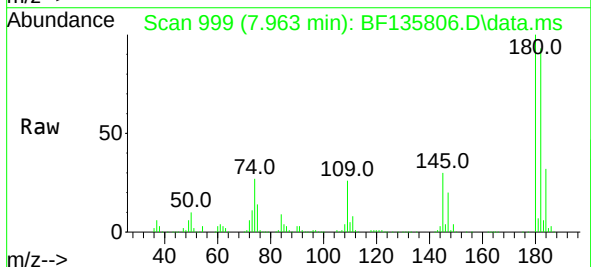
RT: 7.963 min Scan# 999

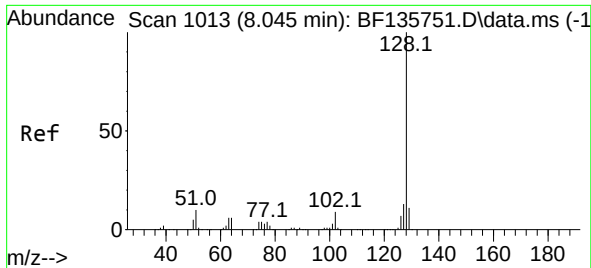
Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

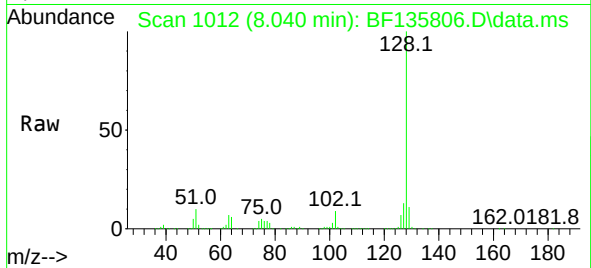
Tgt Ion:180 Resp: 307685
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.4 114.6
 145 30.0 25.0 37.6





#31
Naphthalene
Concen: 41.284 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

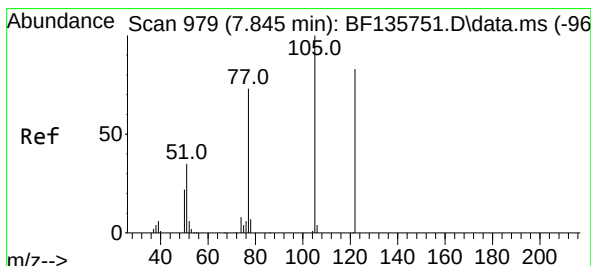
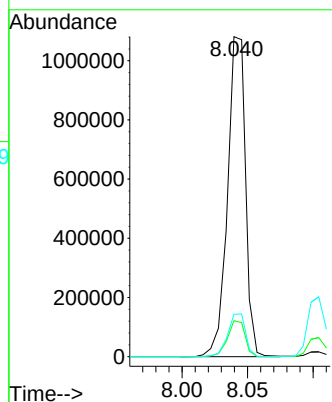
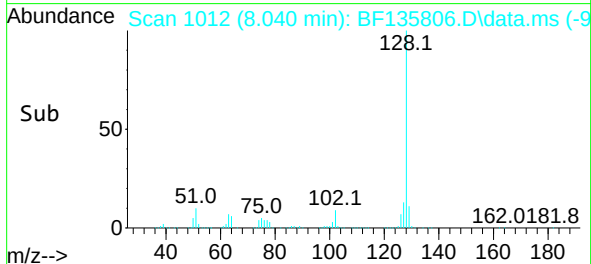
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



Tgt Ion:128 Resp: 1032014
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.2 15.4

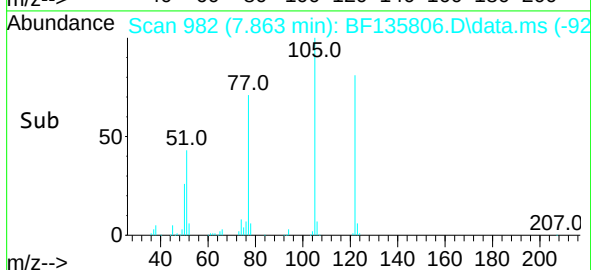
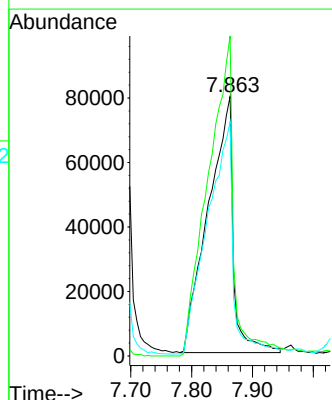
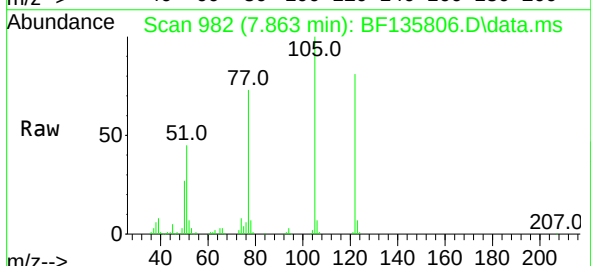
Manual Integrations
APPROVED

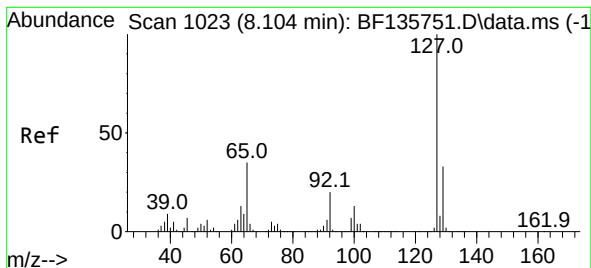
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#32
Benzoic acid
Concen: 44.551 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:122 Resp: 226582
Ion Ratio Lower Upper
122 100
105 123.3 98.7 138.7
77 90.3 67.8 107.8





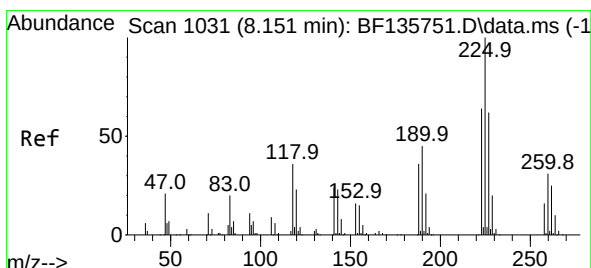
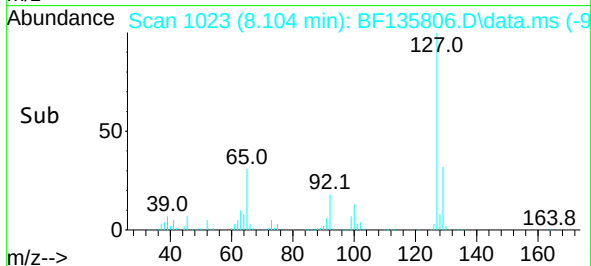
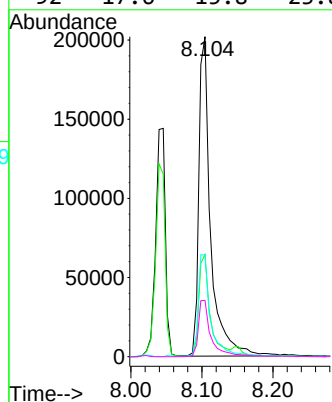
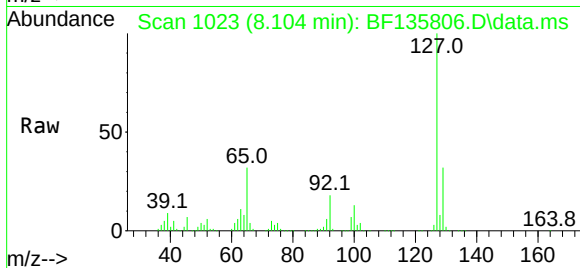
#33
4-Chloroaniline
Concen: 21.499 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :
BNA_F
ClientSampleId :
PB156118BSD

Tgt Ion:127 Resp: 23476
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 31.8 27.9 41.9
92 17.6 15.8 23.8

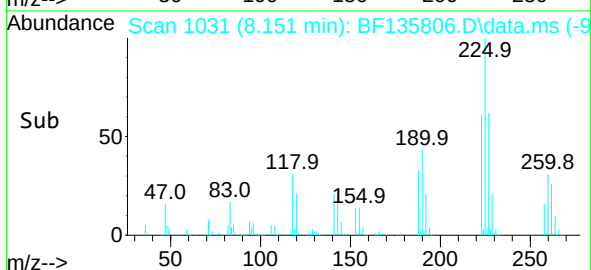
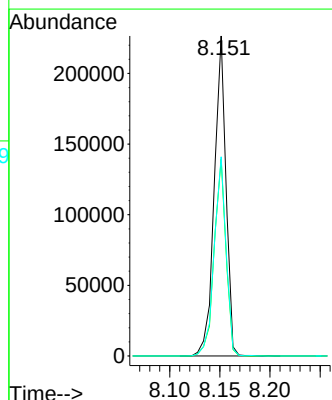
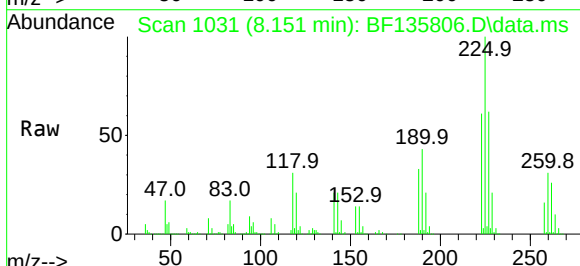
Manual Integrations
APPROVED

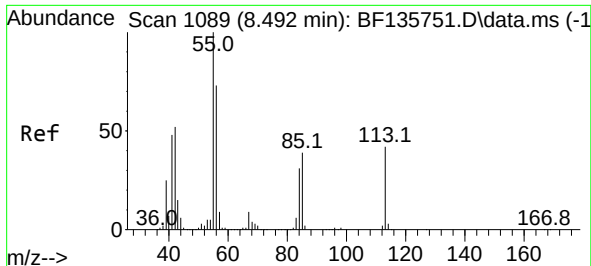
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Hexachlorobutadiene
Concen: 43.222 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

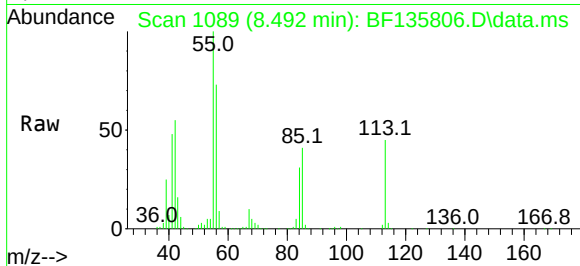
Tgt Ion:225 Resp: 184239
Ion Ratio Lower Upper
225 100
223 61.5 51.1 76.7
227 62.3 49.7 74.5





#35
Caprolactam
Concen: 43.226 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

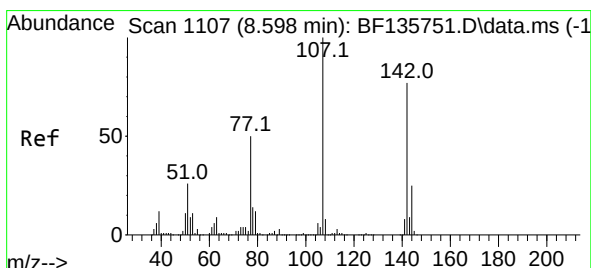
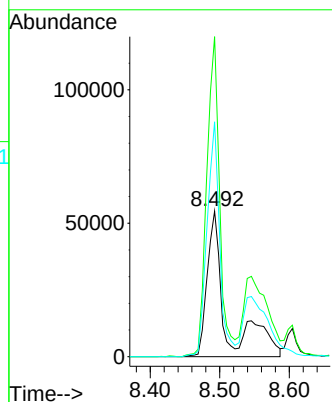
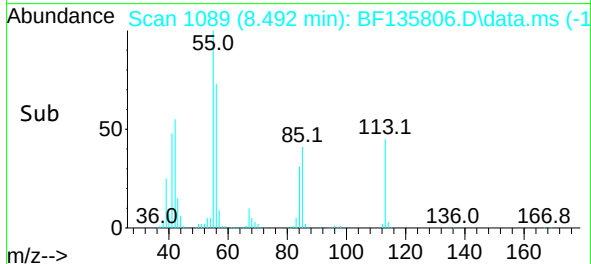
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



Tgt Ion:113 Resp: 10404
Ion Ratio Lower Upper
113 100
55 219.9 217.4 257.4
56 161.4 153.1 193.1

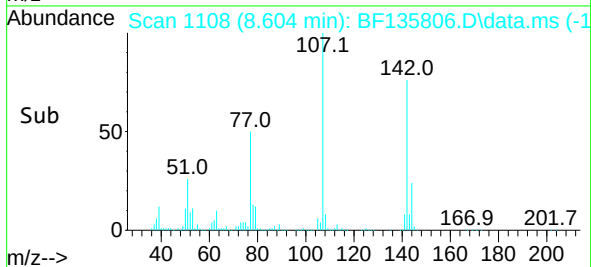
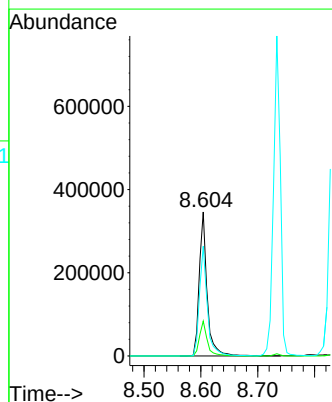
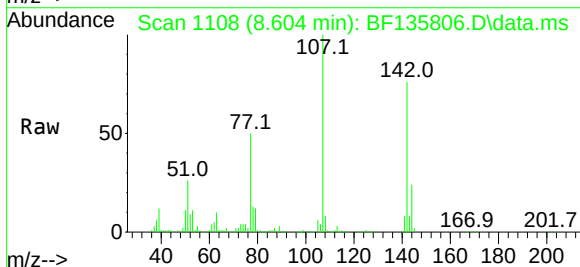
Manual Integrations
APPROVED

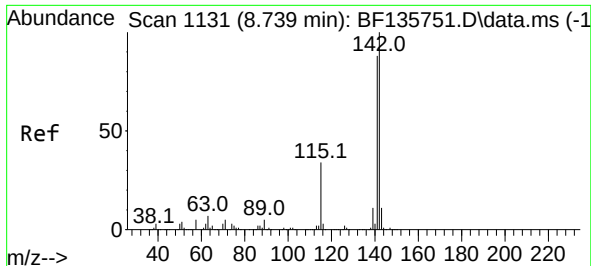
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#36
4-Chloro-3-methylphenol
Concen: 43.044 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:107 Resp: 336106
Ion Ratio Lower Upper
107 100
144 24.3 19.8 29.8
142 76.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.014 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:142 Resp: 642552

Ion Ratio Lower Upper

142 100

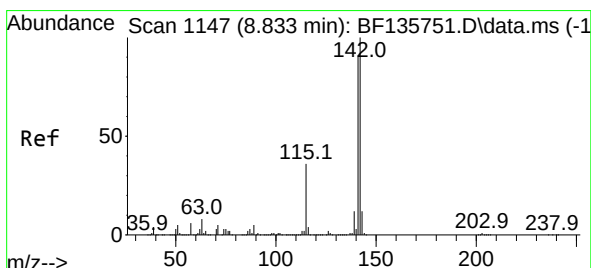
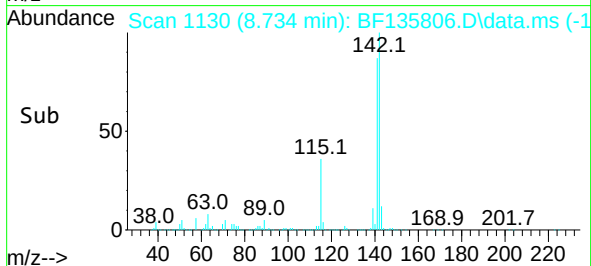
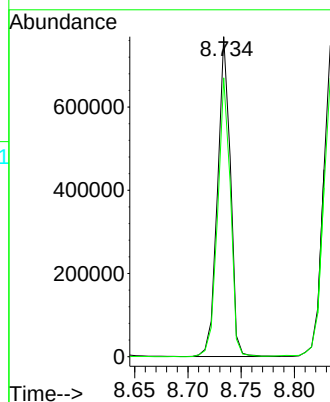
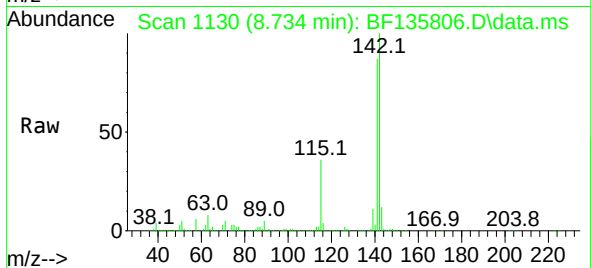
141 87.1 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#38

1-Methylnaphthalene

Concen: 39.922 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135806.D

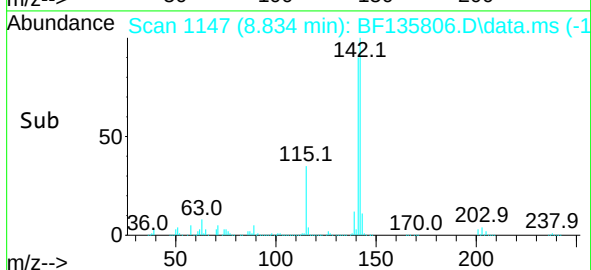
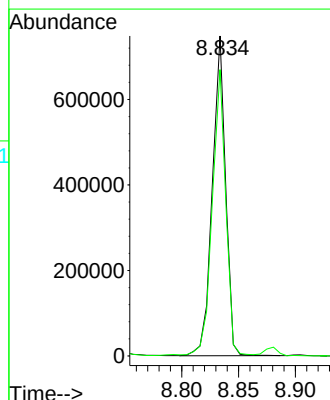
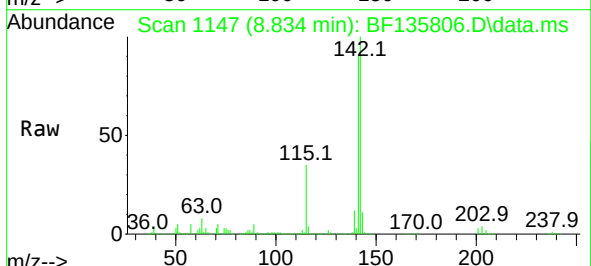
Acq: 17 Oct 2023 11:58

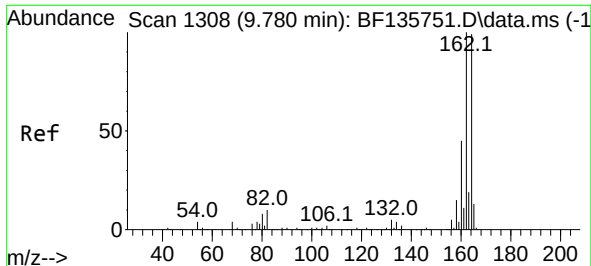
Tgt Ion:142 Resp: 606445

Ion Ratio Lower Upper

142 100

141 89.5 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135806.D

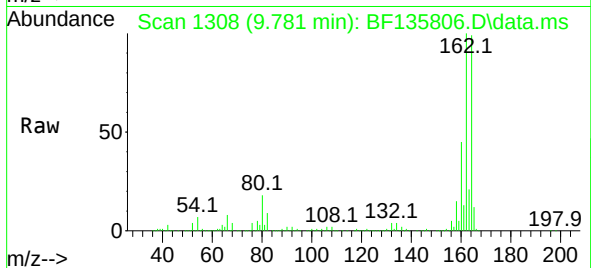
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

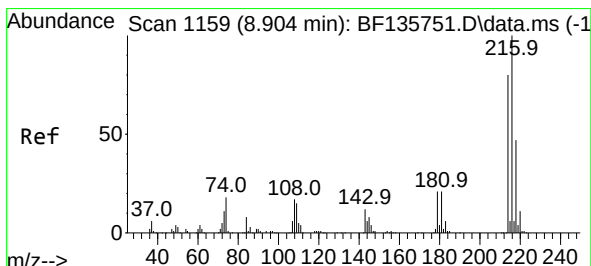
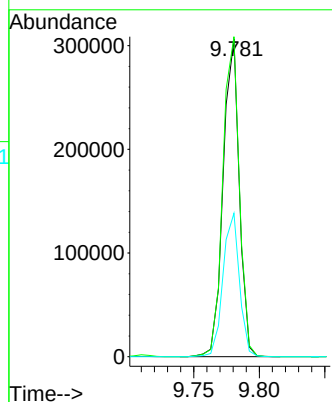
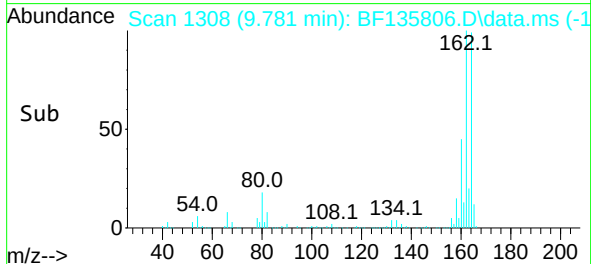


Tgt Ion:164 Resp: 261060

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	45.1	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

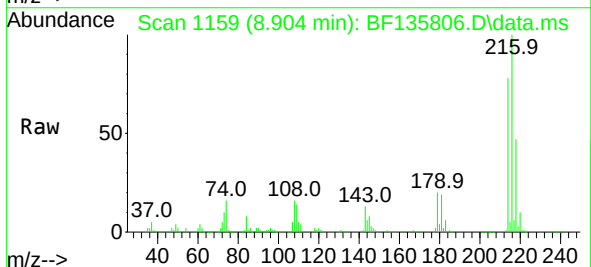
Concen: 41.080 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

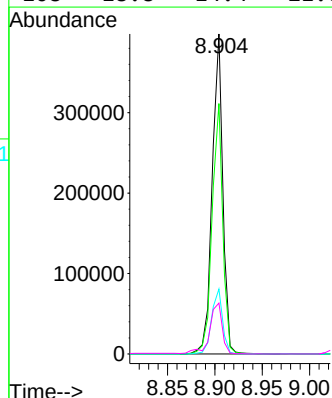
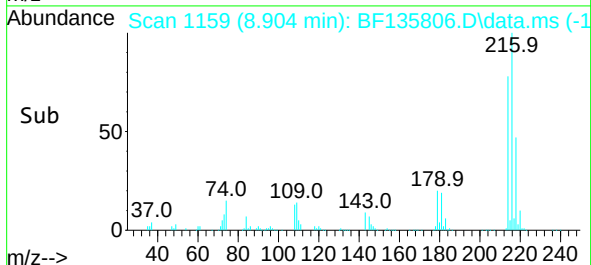
Lab File: BF135806.D

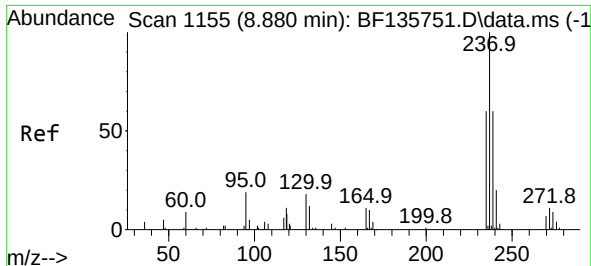
Acq: 17 Oct 2023 11:58



Tgt Ion:216 Resp: 308497

Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.0	96.0
179	20.9	16.9	25.3
108	18.8	14.4	21.6





#41
Hexachlorocyclopentadiene
Concen: 81.203 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

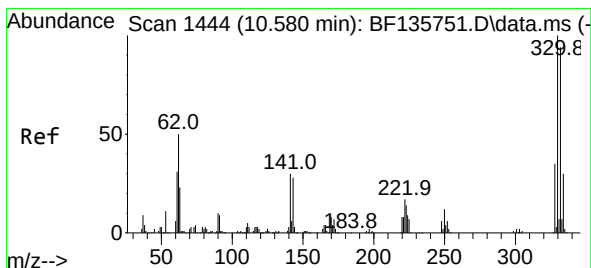
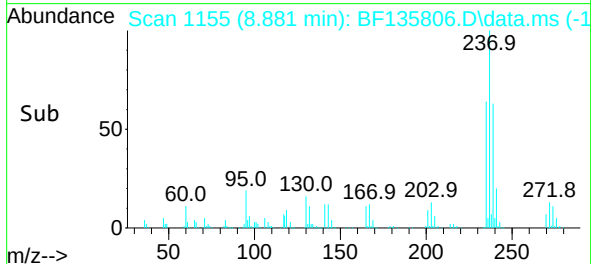
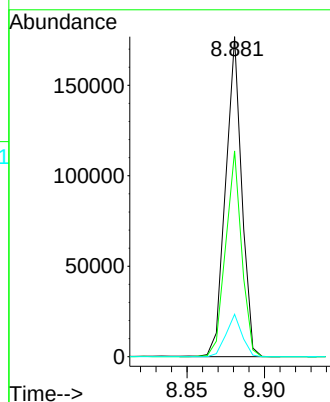
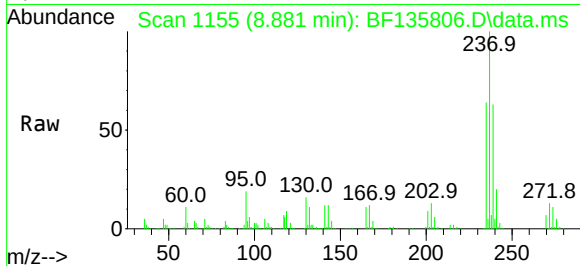
PB156118BSD

Tgt Ion:237 Resp: 127850
Ion Ratio Lower Upper
237 100
235 64.3 40.0 80.0
272 13.3 0.0 30.9

Manual Integrations

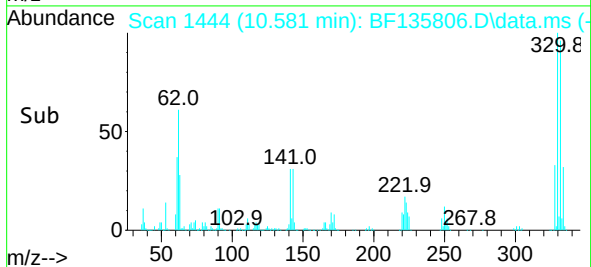
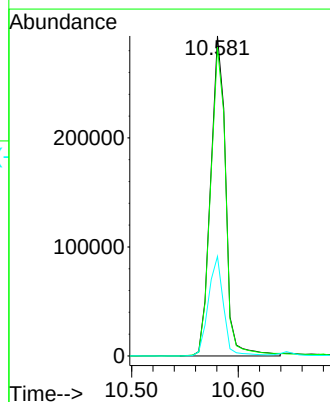
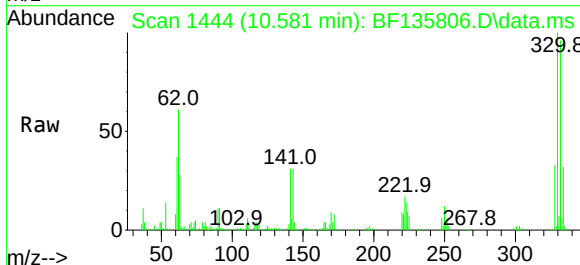
APPROVED

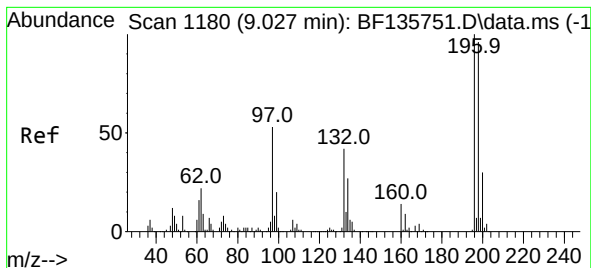
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#42
2,4,6-Tribromophenol
Concen: 115.643 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

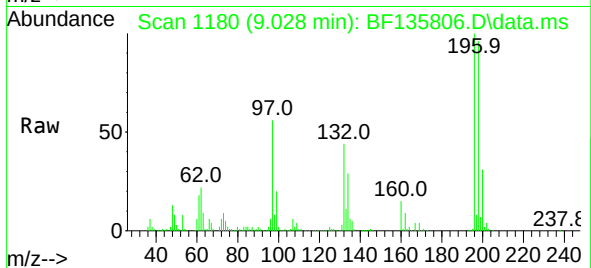
Tgt Ion:330 Resp: 289702
Ion Ratio Lower Upper
330 100
332 99.3 75.0 112.4
141 31.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 41.992 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

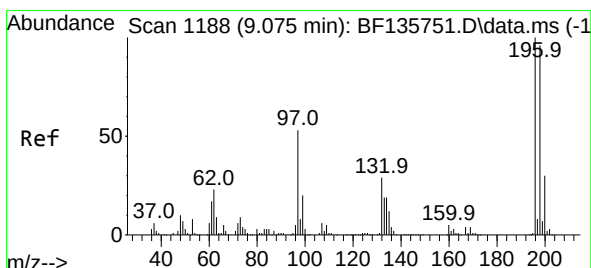
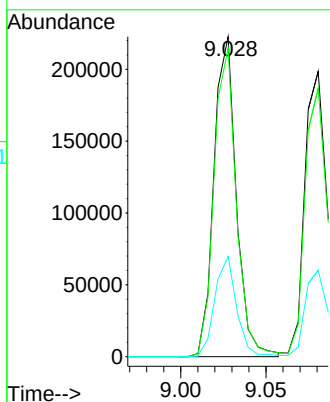
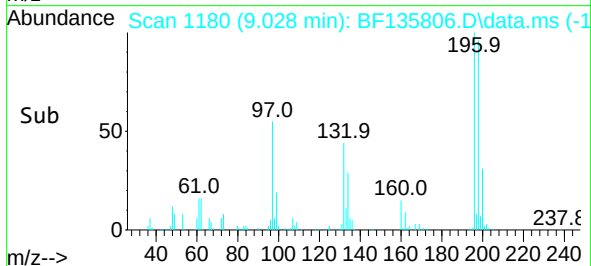
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



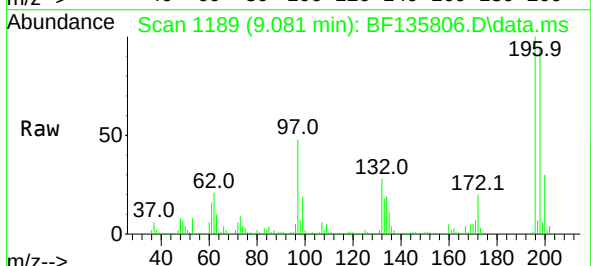
Tgt Ion:196 Resp: 20321
Ion Ratio Lower Upper
196 100
198 96.5 76.7 115.1
200 31.4 24.2 36.4

Manual Integrations
APPROVED

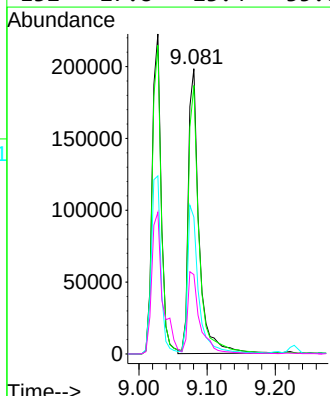
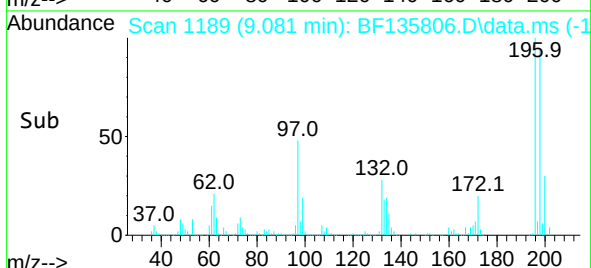
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

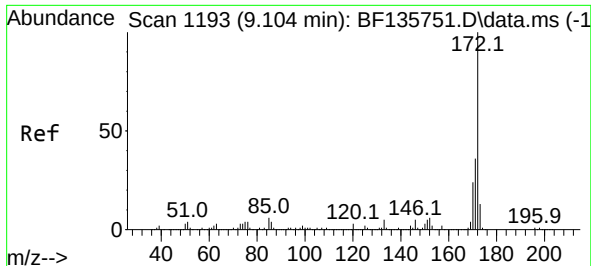


#44
2,4,5-Trichlorophenol
Concen: 38.293 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:196 Resp: 215534
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 48.0 42.2 63.2
132 27.8 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 74.675 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

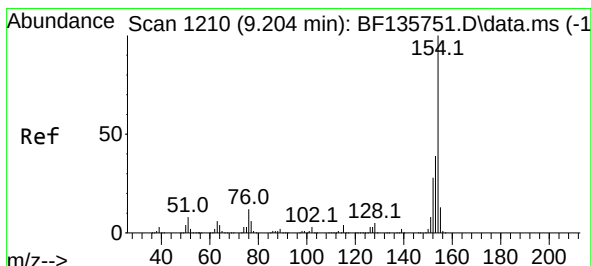
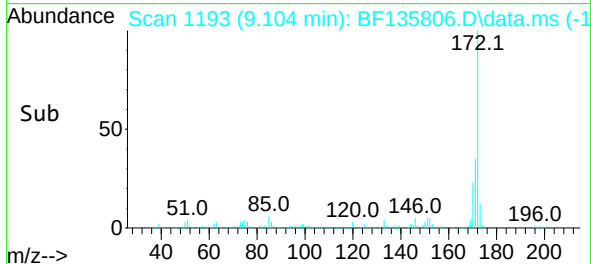
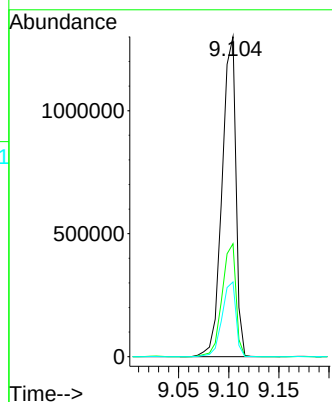
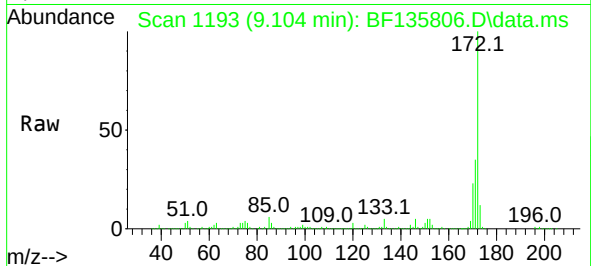
ClientSampleId :

PB156118BSD

Tgt Ion:172 Resp: 124688
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 18.8 28.2

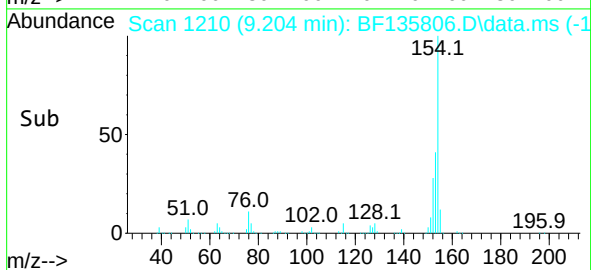
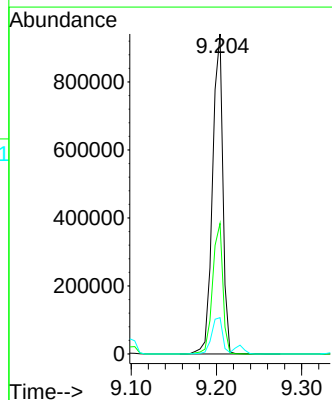
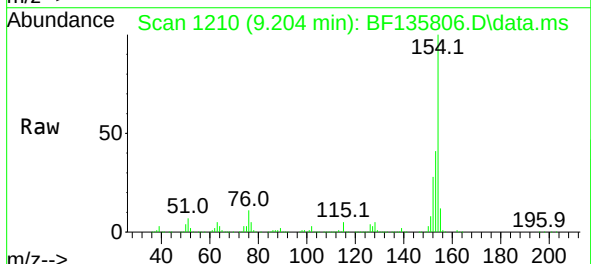
Manual Integrations
APPROVED

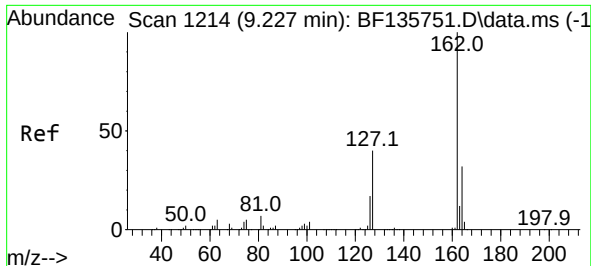
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#46
1,1'-Biphenyl
Concen: 39.617 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:154 Resp: 792271
Ion Ratio Lower Upper
154 100
153 40.8 19.4 59.4
76 11.4 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.934 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

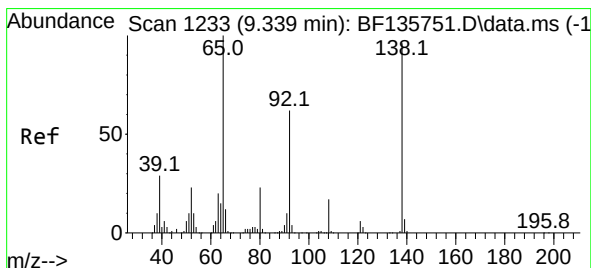
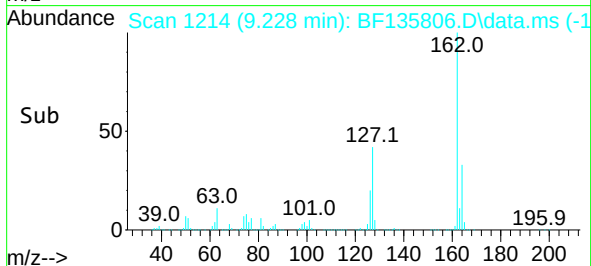
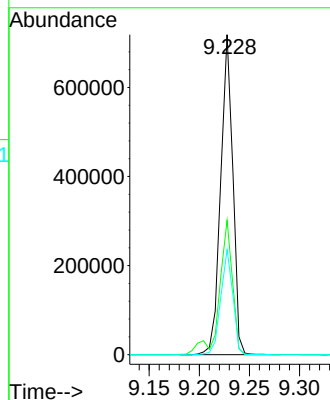
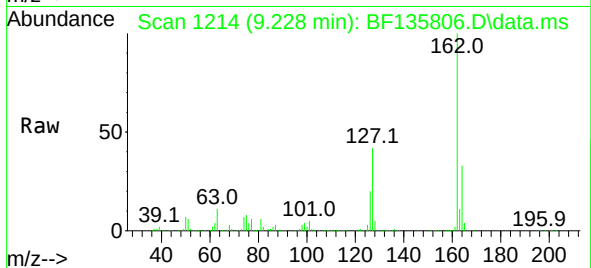
Tgt Ion:162 Resp: 604372
 Ion Ratio Lower Upper
 162 100
 127 42.0 34.7 52.1
 164 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2-Nitroaniline

Concen: 41.239 ng

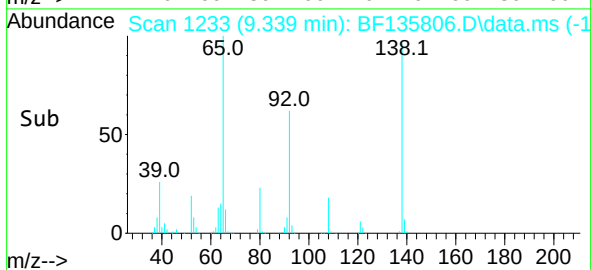
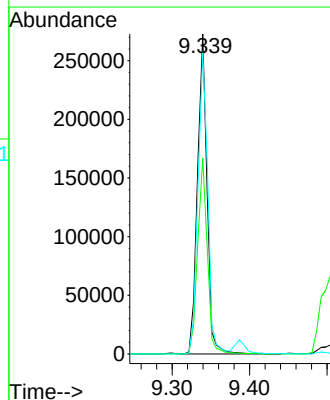
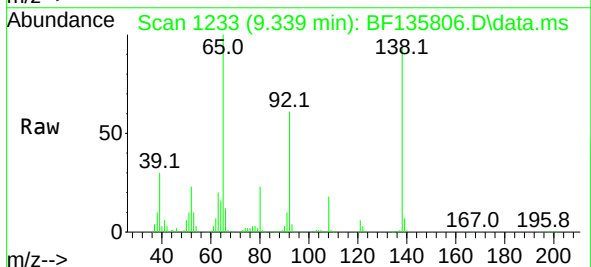
RT: 9.339 min Scan# 1233

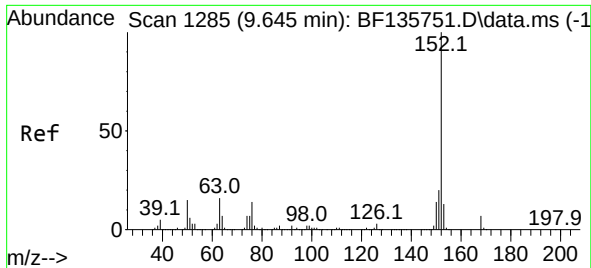
Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

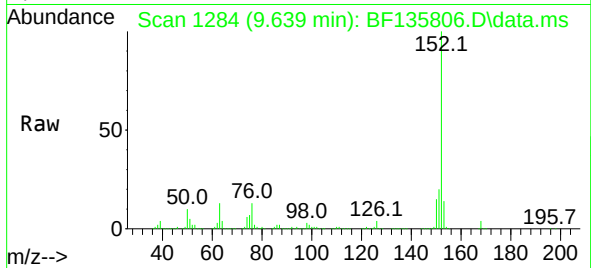
Tgt Ion: 65 Resp: 234608
 Ion Ratio Lower Upper
 65 100
 92 61.2 49.4 74.0
 138 94.1 76.6 114.8





#49
Acenaphthylene
Concen: 41.657 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

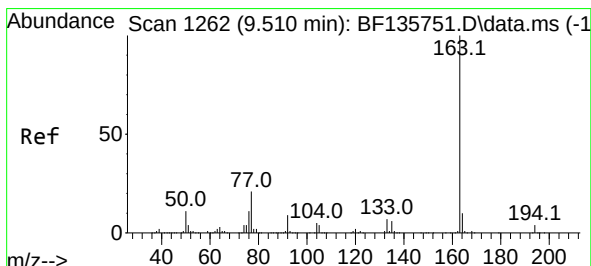
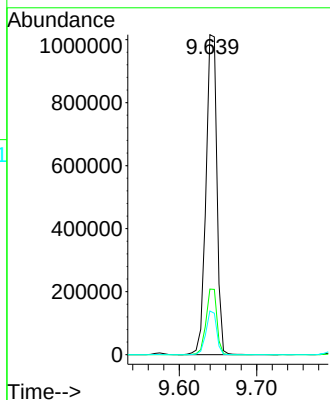
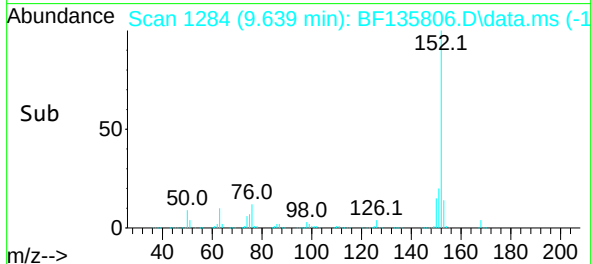
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



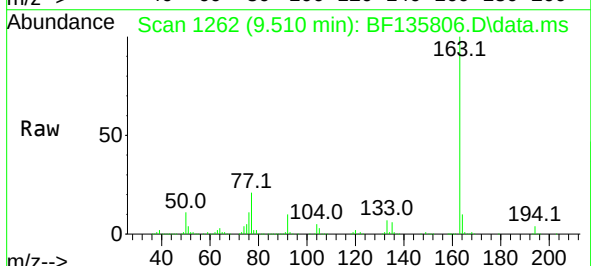
Tgt Ion:152 Resp: 993560
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.7 10.2 15.4

Manual Integrations
APPROVED

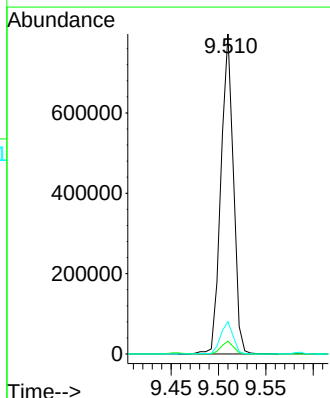
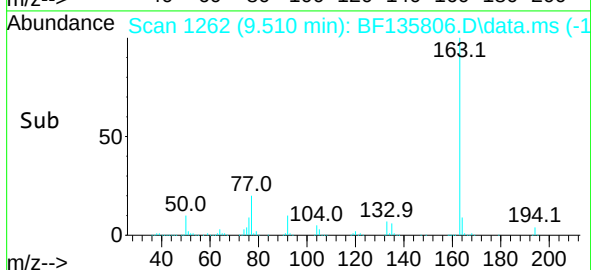
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

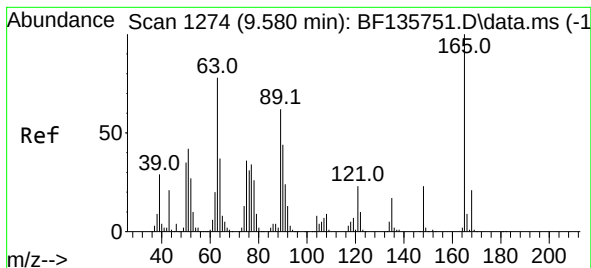


#50
Dimethylphthalate
Concen: 41.572 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:163 Resp: 732652
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 7.9 11.9





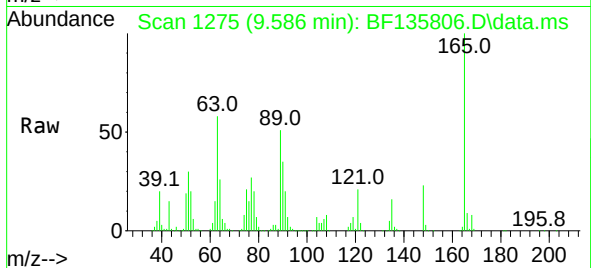
#51
2,6-Dinitrotoluene
Concen: 43.215 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

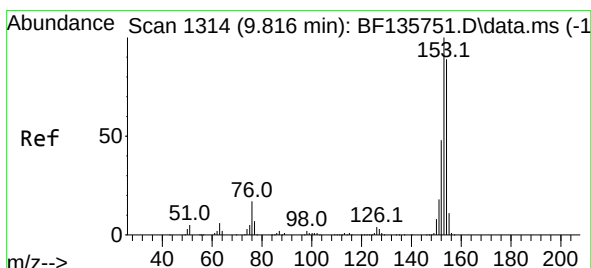
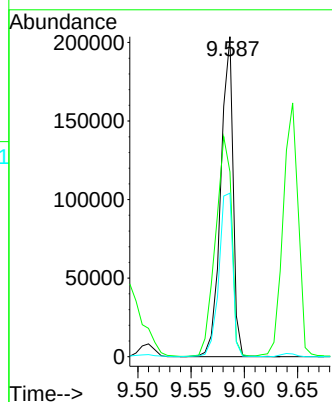
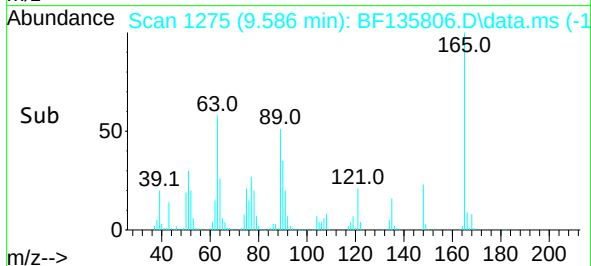


Tgt Ion:165 Resp: 163778
Ion Ratio Lower Upper
165 100
63 57.7 62.2 93.4
89 51.1 49.6 74.4

Manual Integrations

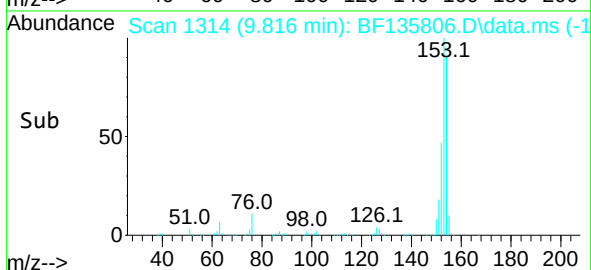
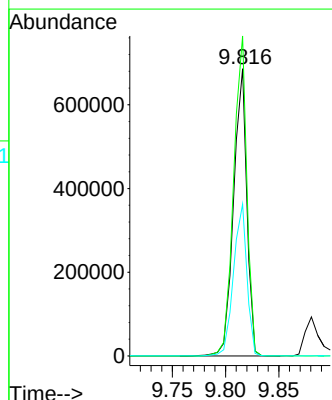
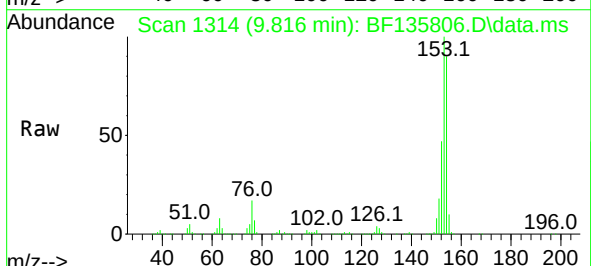
APPROVED

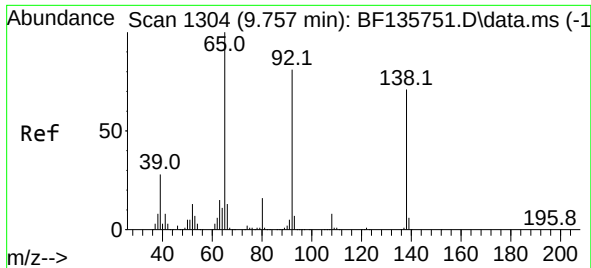
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#52
Acenaphthene
Concen: 41.469 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:154 Resp: 592842
Ion Ratio Lower Upper
154 100
153 111.4 90.1 135.1
152 52.9 43.1 64.7





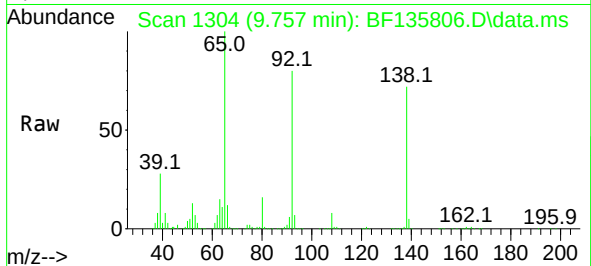
#53
3-Nitroaniline
Concen: 33.417 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD



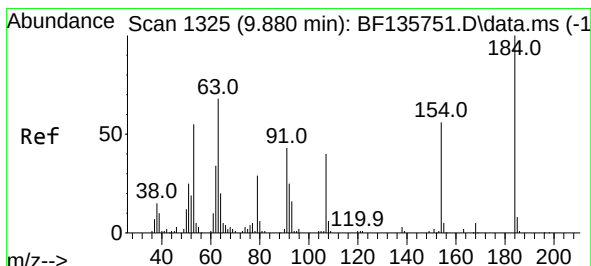
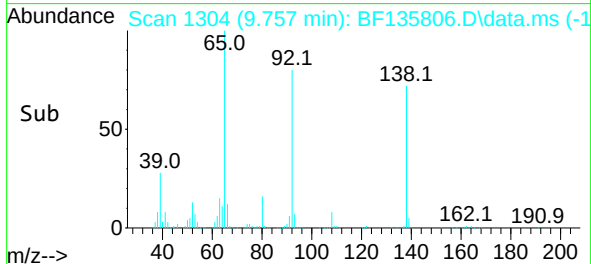
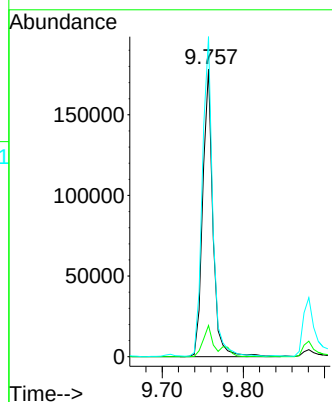
Tgt Ion:138 Resp: 15525
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 111.2 91.3 136.9

Manual Integrations

APPROVED

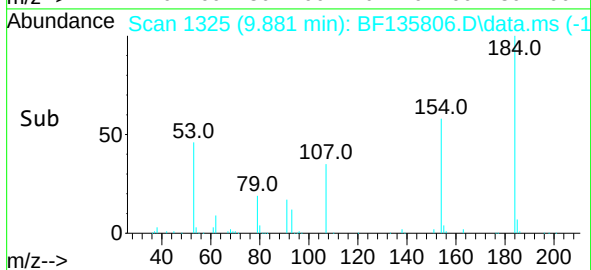
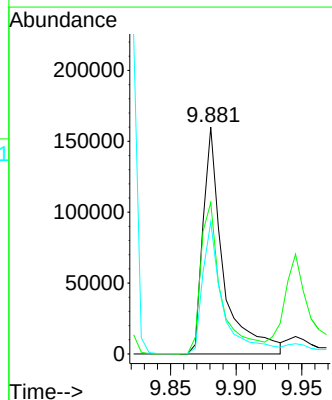
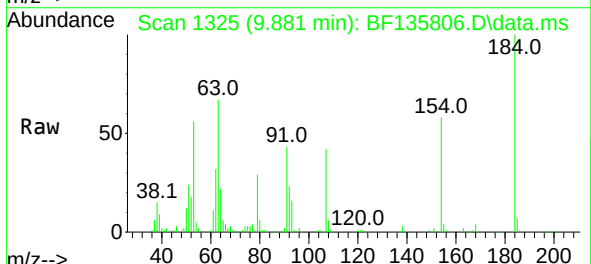
Reviewed By :Yogesh Patel 10/18/2023

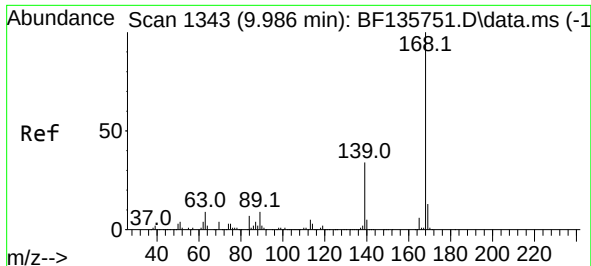
Supervised By :mohammad ahmed 10/18/2023



#54
2,4-Dinitrophenol
Concen: 108.795 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

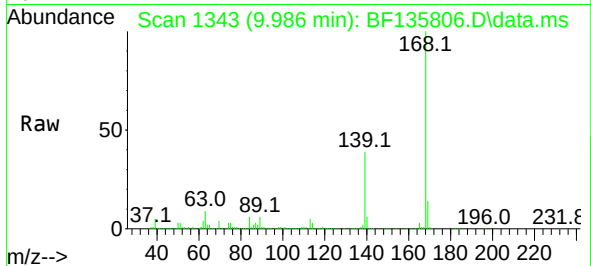
Tgt Ion:184 Resp: 172114
Ion Ratio Lower Upper
184 100
63 66.7 54.6 81.8
154 58.2 45.0 67.4





#55
Dibenzofuran
Concen: 41.134 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

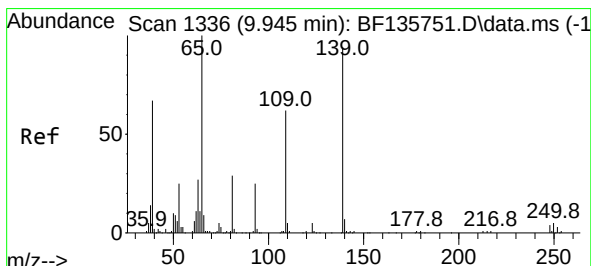
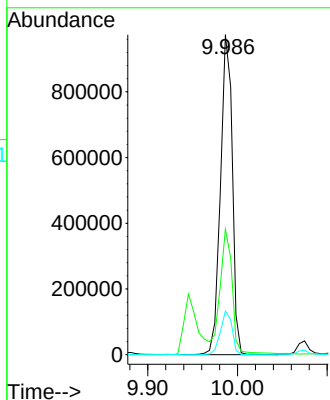
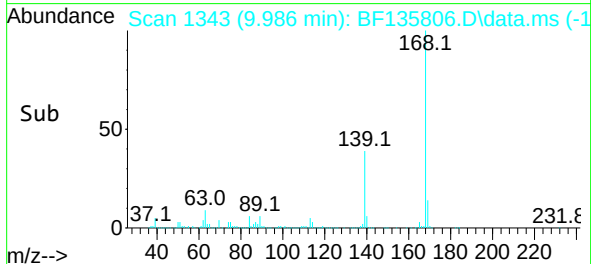
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



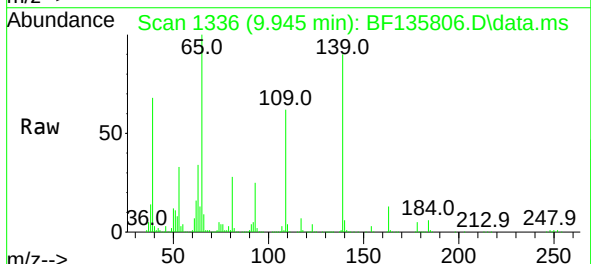
Tgt Ion:168 Resp: 88729
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.4
169 13.7 10.7 16.1

Manual Integrations
APPROVED

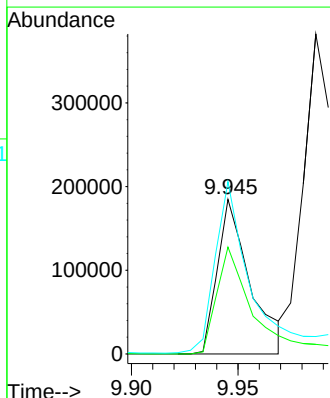
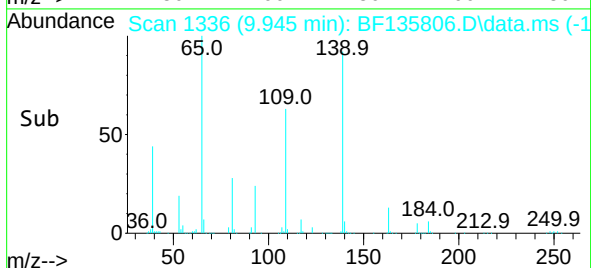
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

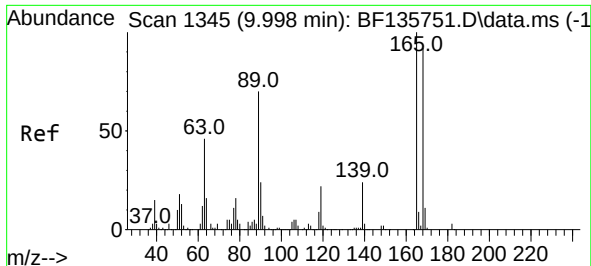


#56
4-Nitrophenol
Concen: 91.739 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:139 Resp: 197123
Ion Ratio Lower Upper
139 100
109 69.2 45.6 85.6
65 111.5 87.5 127.5





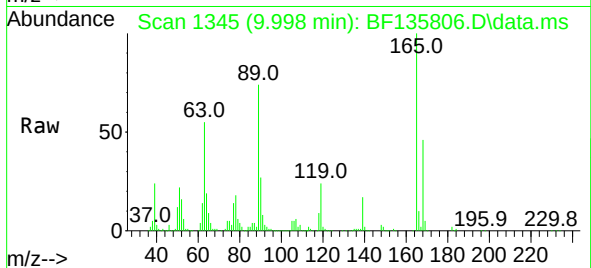
#57
2,4-Dinitrotoluene
Concen: 43.248 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD



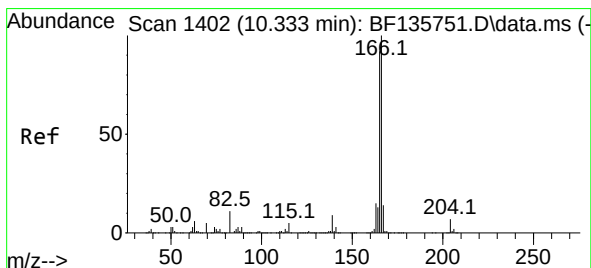
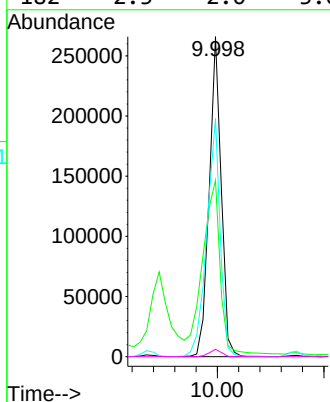
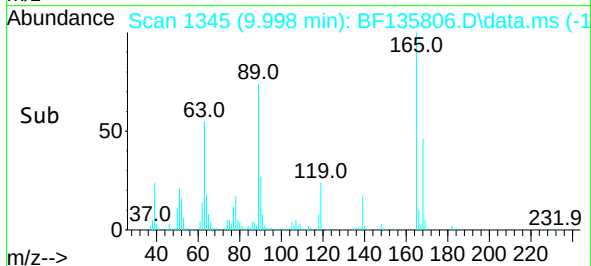
Tgt Ion:165 Resp: 20852
Ion Ratio Lower Upper
165 100
63 55.1 39.0 58.4
89 74.4 55.9 83.9
182 2.3 2.0 3.0

Manual Integrations

APPROVED

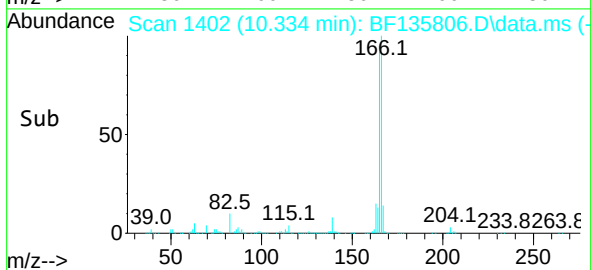
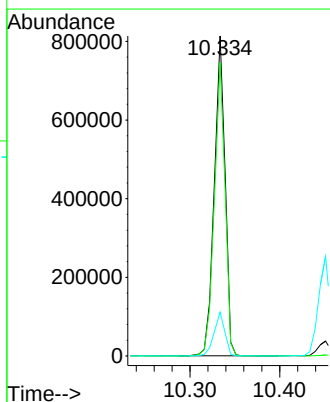
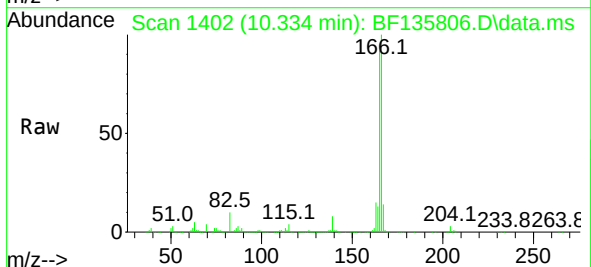
Reviewed By :Yogesh Patel 10/18/2023

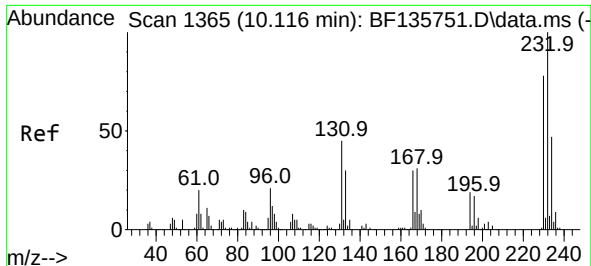
Supervised By :mohammad ahmed 10/18/2023



#58
Fluorene
Concen: 40.262 ng
RT: 10.334 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

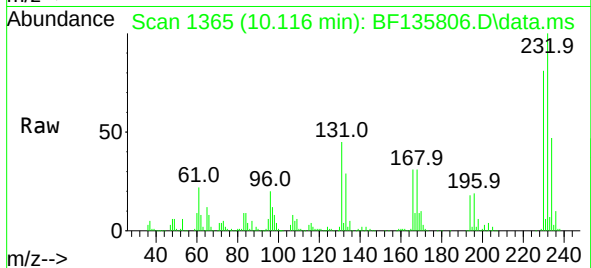
Tgt Ion:166 Resp: 679903
Ion Ratio Lower Upper
166 100
165 91.7 73.4 110.0
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.065 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

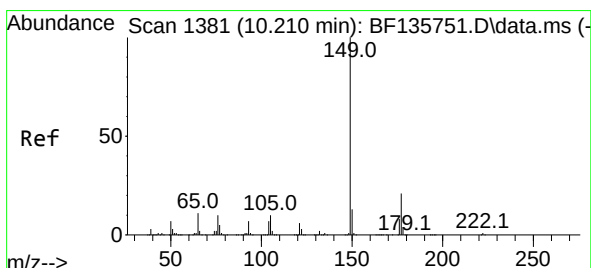
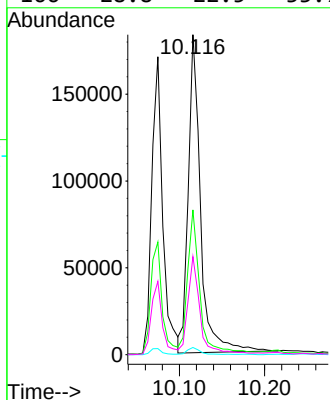
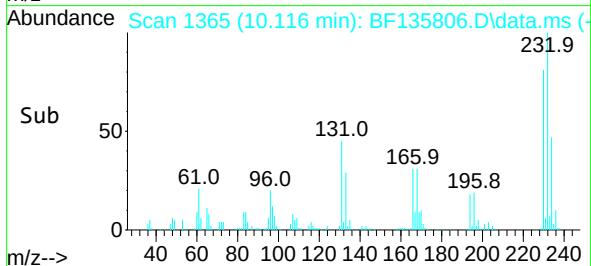
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



Tgt Ion:232 Resp: 18318
Ion Ratio Lower Upper
232 100
131 45.9 35.8 53.6
130 2.2 1.9 2.9
166 28.8 22.5 33.7

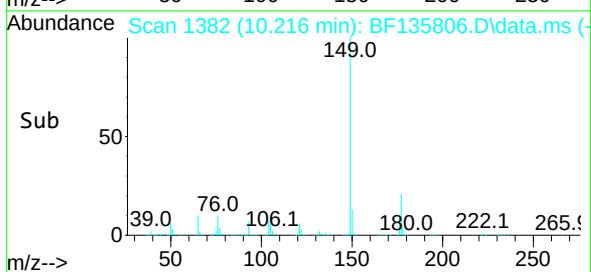
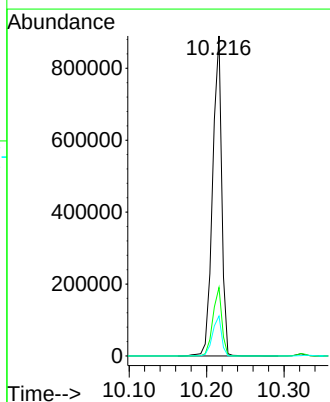
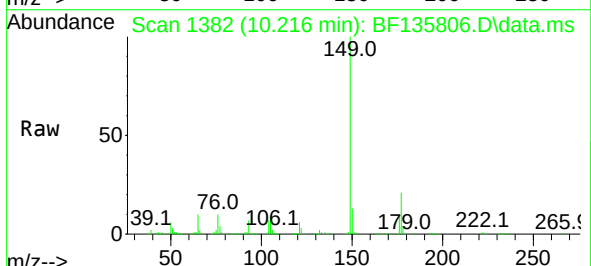
Manual Integrations
APPROVED

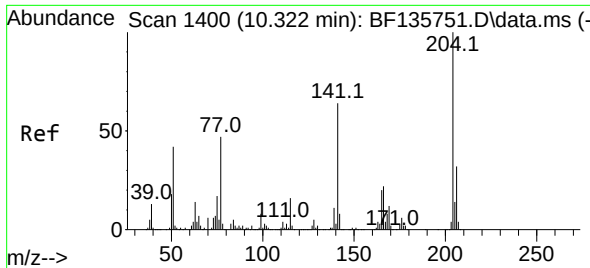
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#60
Diethylphthalate
Concen: 40.332 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

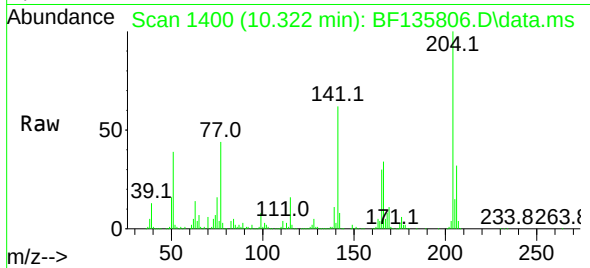
Tgt Ion:149 Resp: 725639
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.413 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

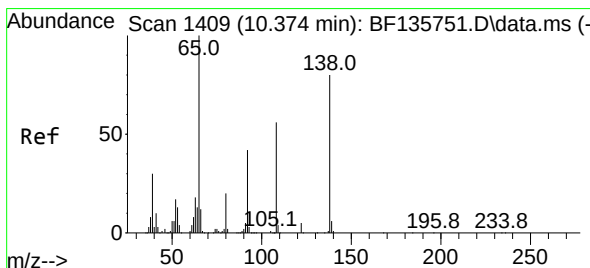
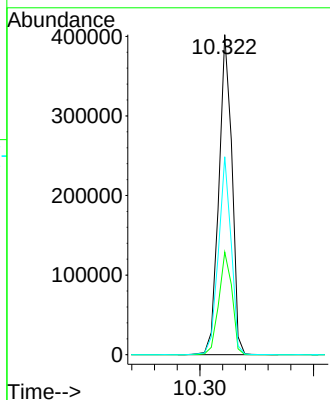
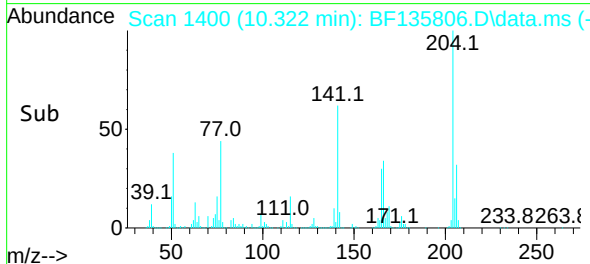
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



Tgt Ion:204 Resp: 321679
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 61.8 51.4 77.0

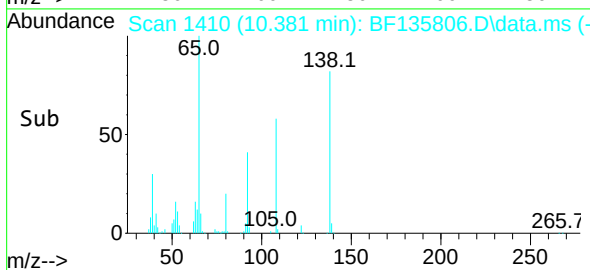
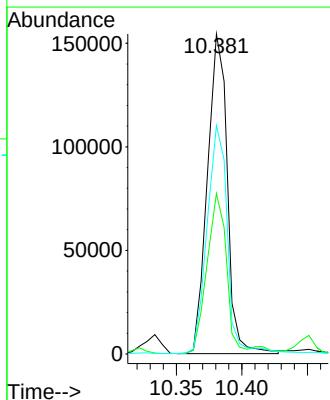
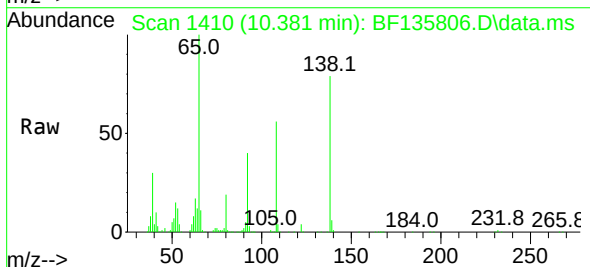
Manual Integrations
APPROVED

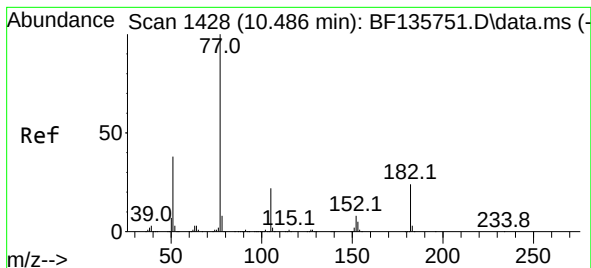
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#62
4-Nitroaniline
Concen: 38.058 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

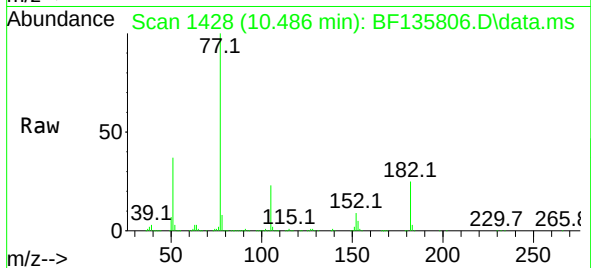
Tgt Ion:138 Resp: 162682
Ion Ratio Lower Upper
138 100
92 50.2 31.9 71.9
108 71.4 49.7 89.7





#63
Azobenzene
Concen: 39.445 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

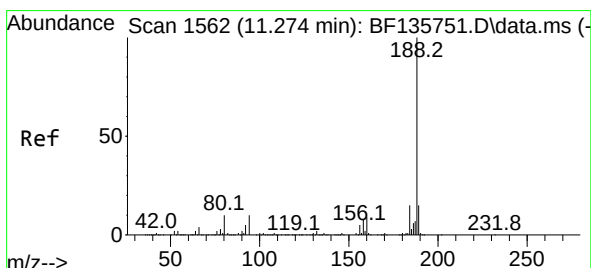
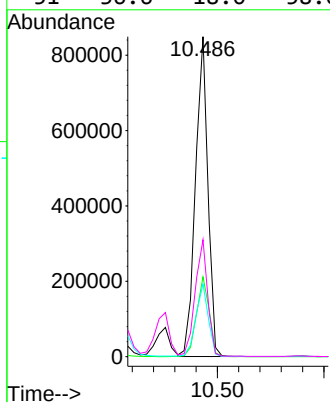
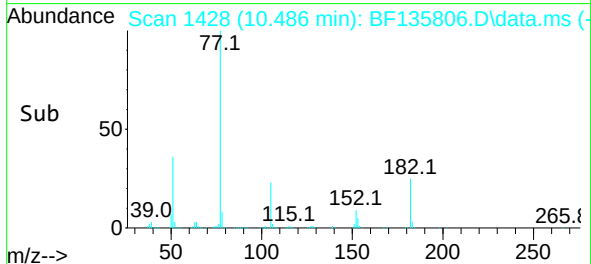
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



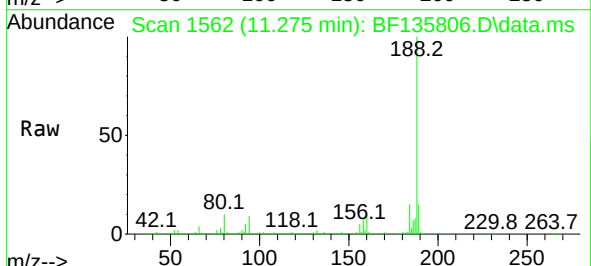
Tgt Ion: 77 Resp: 68951
Ion Ratio Lower Upper
77 100
182 24.9 3.5 43.5
105 22.7 2.2 42.2
51 36.6 18.0 58.0

Manual Integrations
APPROVED

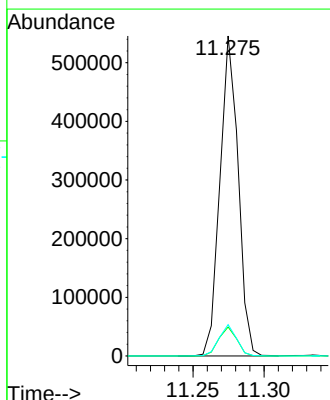
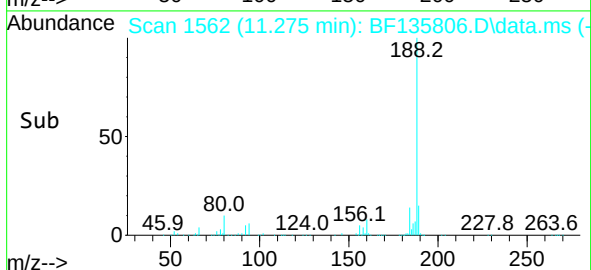
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

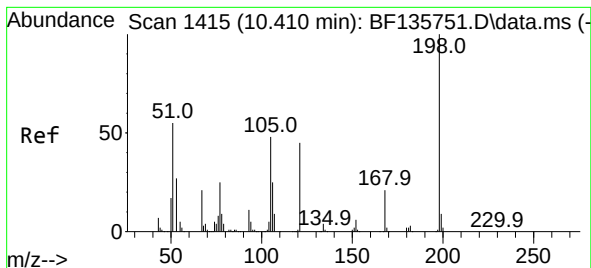


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:188 Resp: 486839
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.8 8.3 12.5





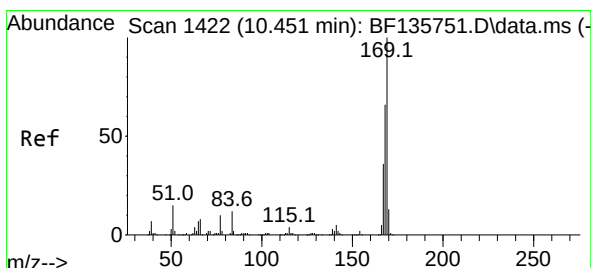
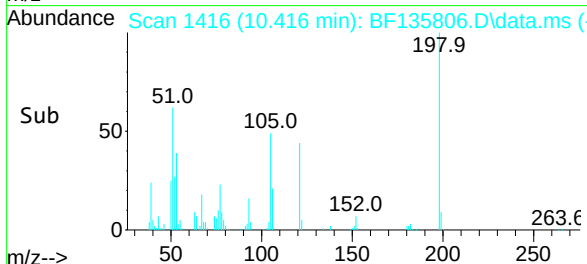
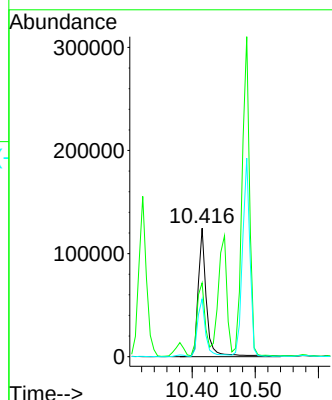
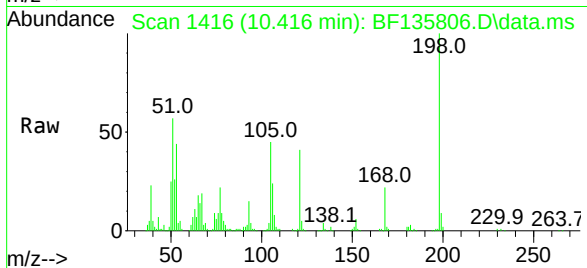
#65
4,6-Dinitro-2-methylphenol
Concen: 45.655 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :
BNA_F
ClientSampleId :
PB156118BSD

Tgt Ion:198 Resp: 111859
Ion Ratio Lower Upper
198 100
51 57.3 47.6 87.6
105 44.9 29.2 69.2

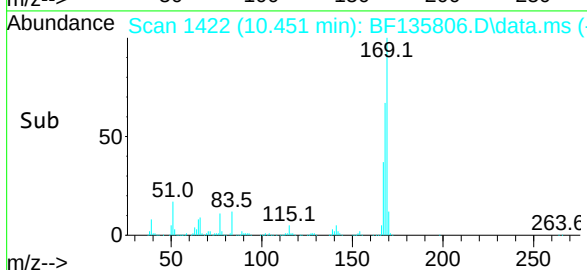
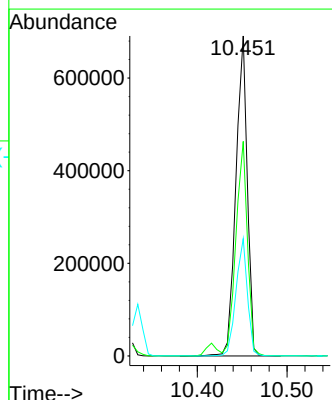
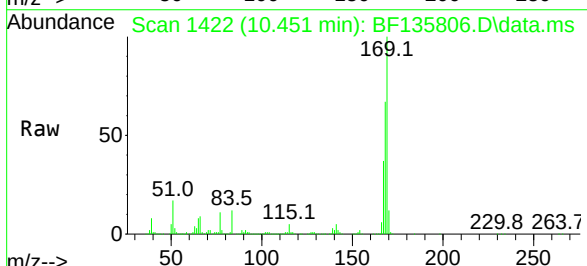
Manual Integrations
APPROVED

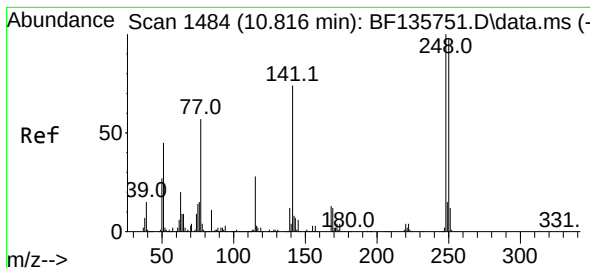
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#66
n-Nitrosodiphenylamine
Concen: 41.285 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

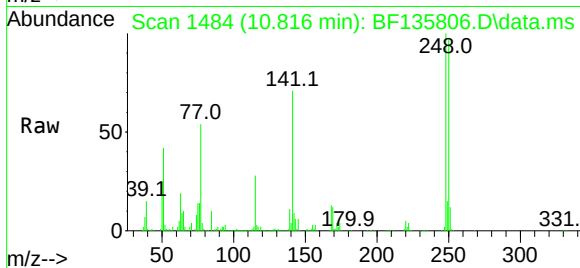
Tgt Ion:169 Resp: 612617
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.411 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

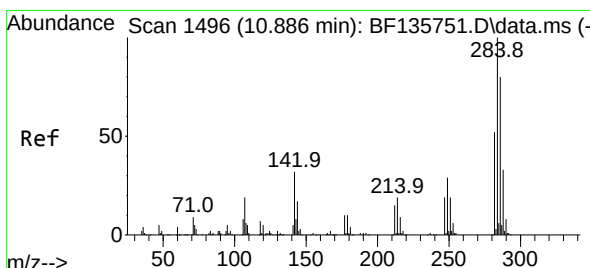
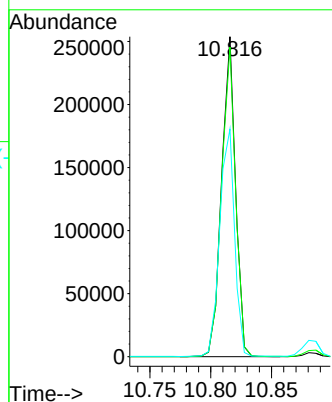
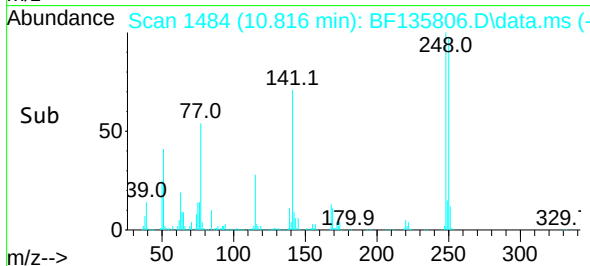
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



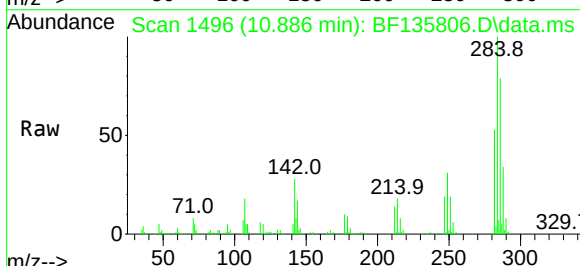
Tgt Ion:248 Resp: 20237
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 71.1 59.0 88.6

Manual Integrations
APPROVED

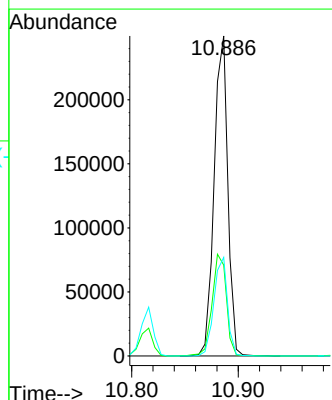
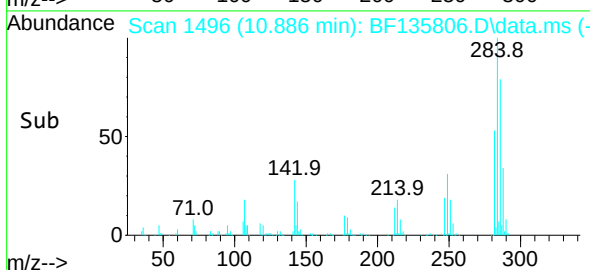
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

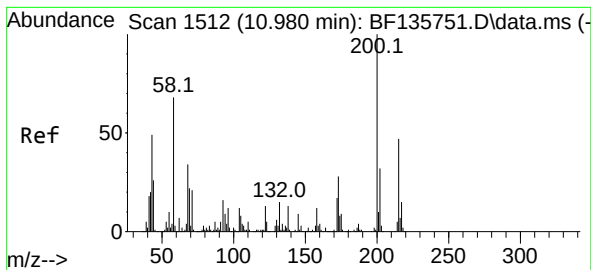


#68
Hexachlorobenzene
Concen: 44.872 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:284 Resp: 223263
Ion Ratio Lower Upper
284 100
142 28.4 25.3 37.9
249 30.8 23.5 35.3





#69

Atrazine

Concen: 48.051 ng

RT: 10.986 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:200 Resp: 193939

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

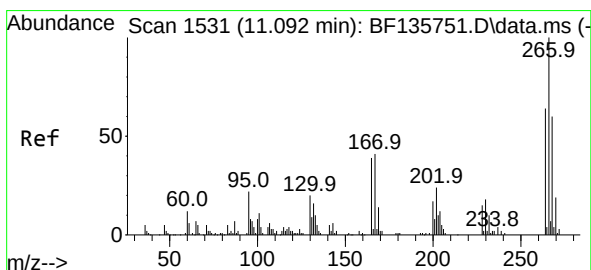
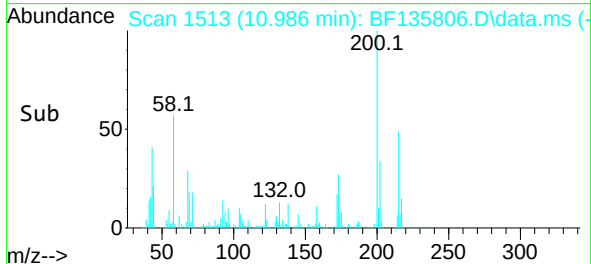
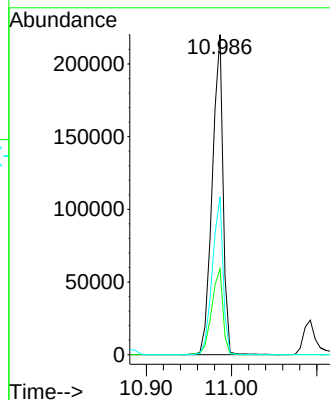
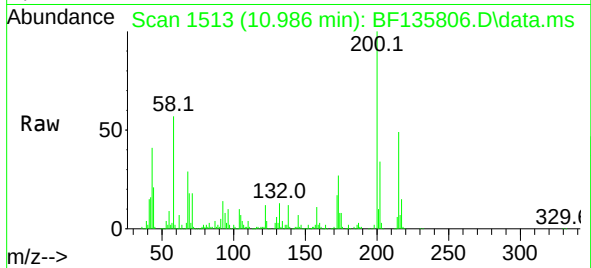
215 49.4 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#70

Pentachlorophenol

Concen: 81.337 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

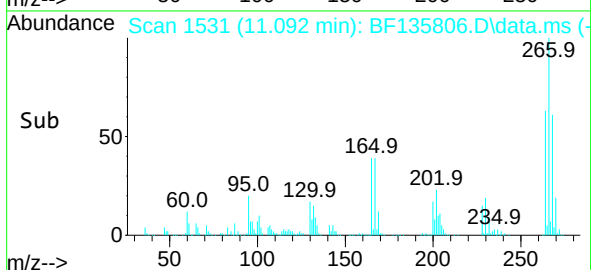
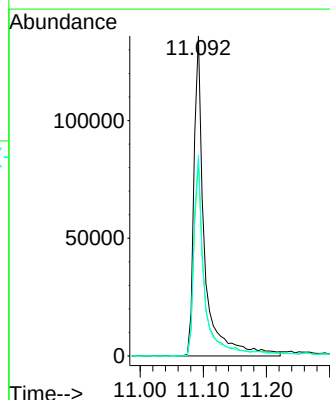
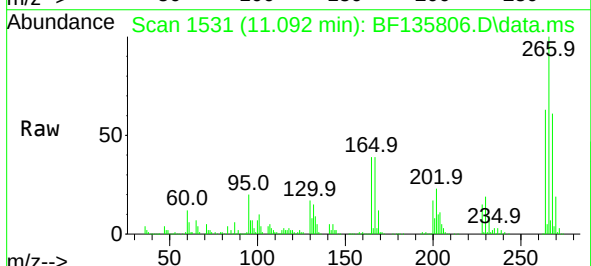
Tgt Ion:266 Resp: 159613

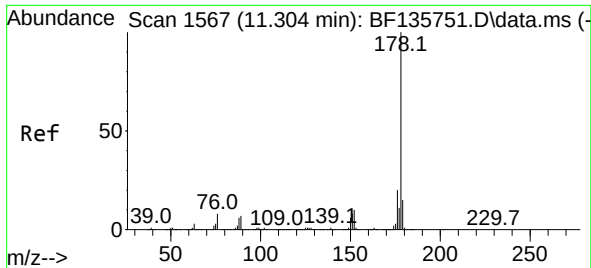
Ion Ratio Lower Upper

266 100

268 60.7 47.7 71.5

264 62.8 51.4 77.2





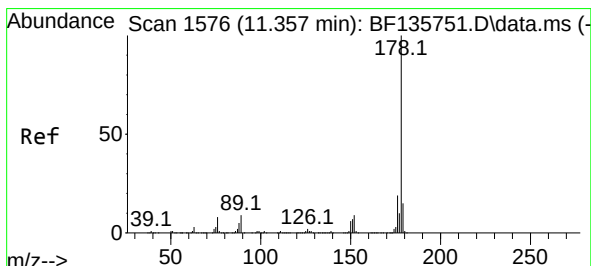
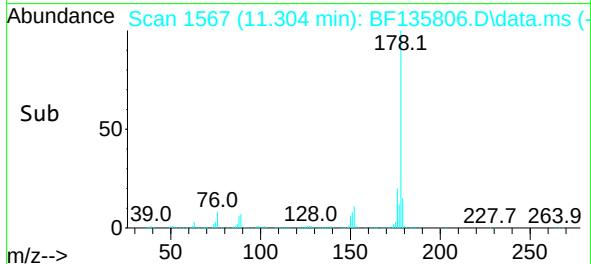
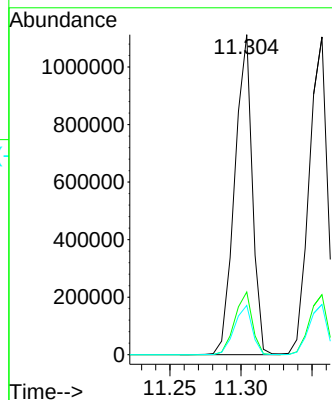
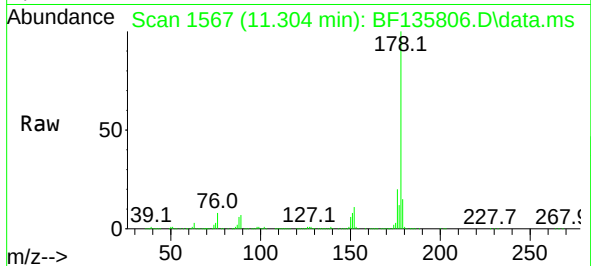
#71
Phenanthrene
Concen: 41.153 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :
BNA_F
ClientSampleId :
PB156118BSD

Tgt Ion:178 Resp: 959775
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.4 12.2 18.4

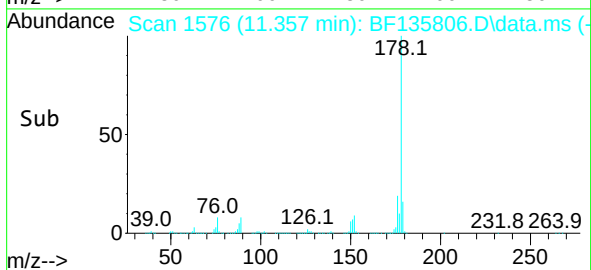
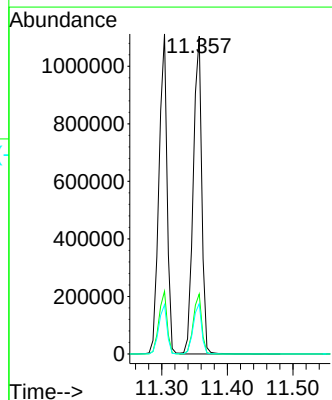
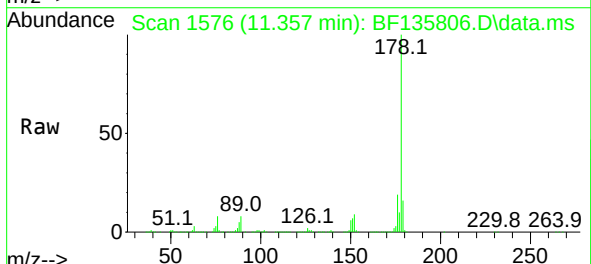
Manual Integrations
APPROVED

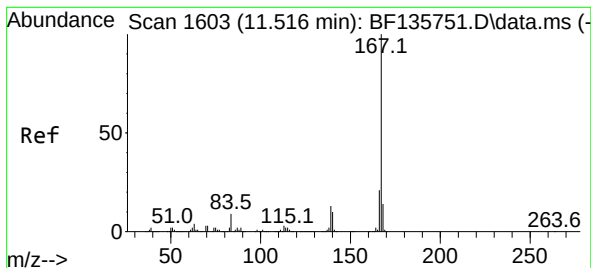
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#72
Anthracene
Concen: 41.010 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

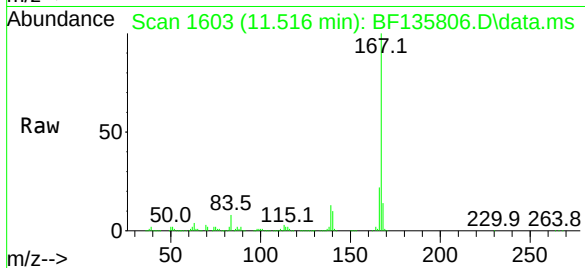
Tgt Ion:178 Resp: 991080
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 42.044 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135806.D
 Acq: 17 Oct 2023 11:58

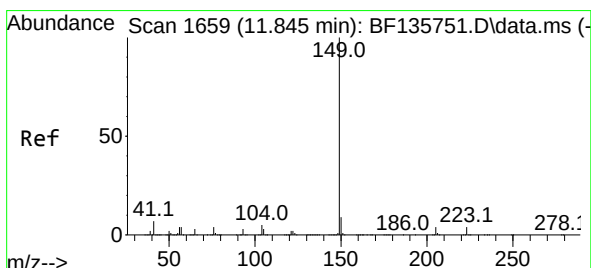
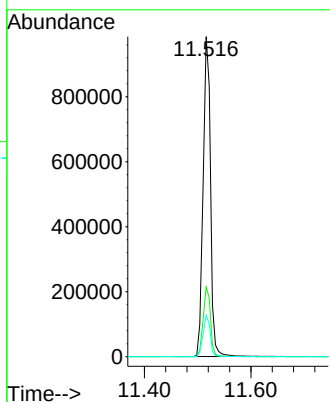
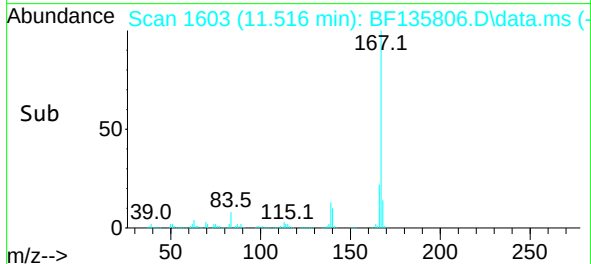
Instrument :
 BNA_F
 ClientSampleId :
 PB156118BSD



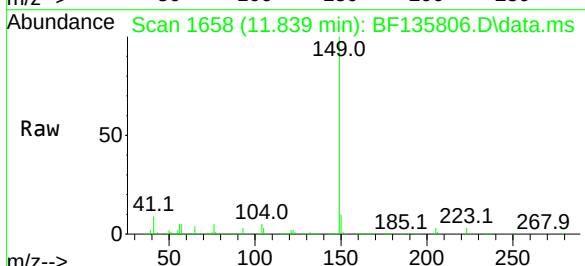
Tgt Ion:167 Resp: 947624
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.9 10.2 15.4

Manual Integrations
 APPROVED

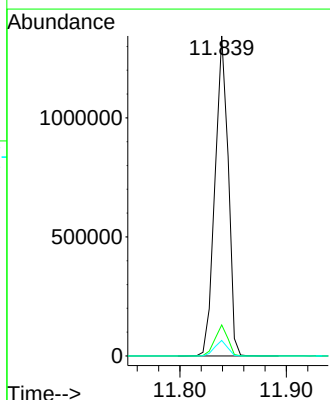
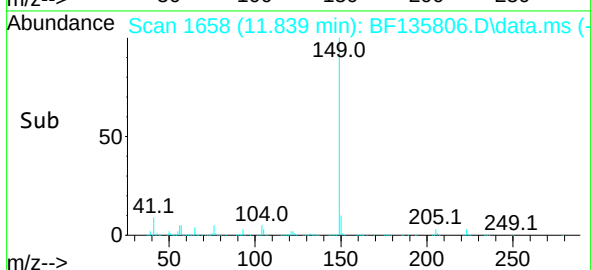
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

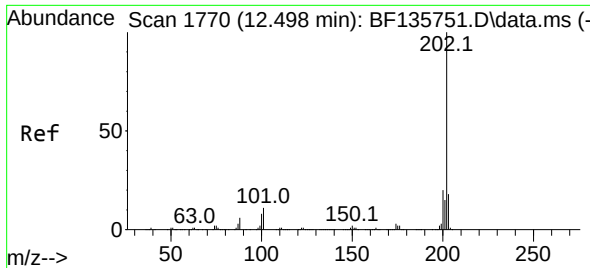


#74
 Di-n-butylphthalate
 Concen: 41.663 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135806.D
 Acq: 17 Oct 2023 11:58



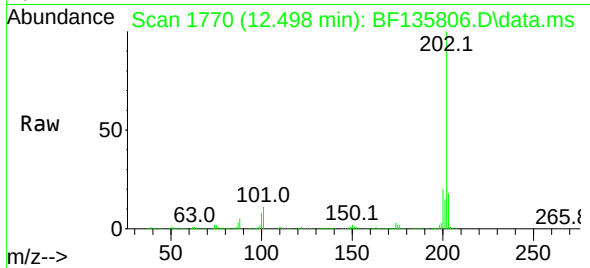
Tgt Ion:149 Resp: 1152929
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 4.8 3.7 5.5





#75
Fluoranthene
Concen: 41.362 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

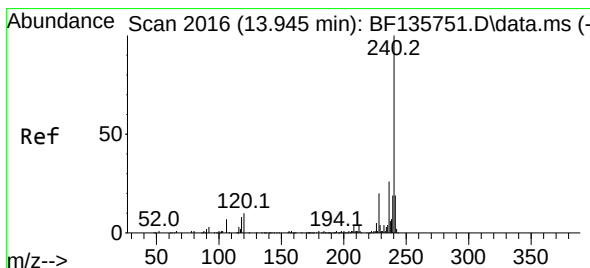
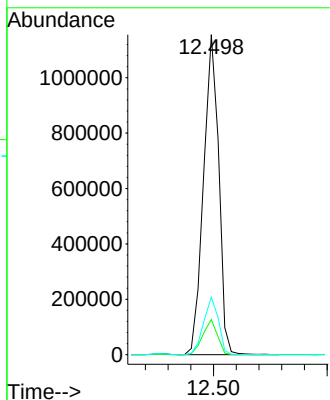
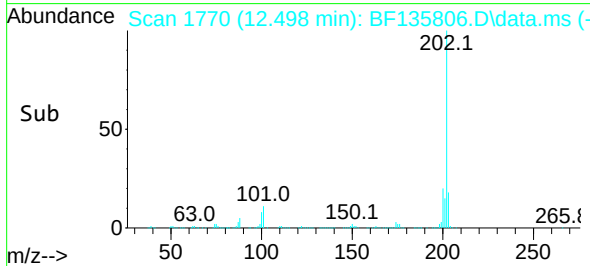
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



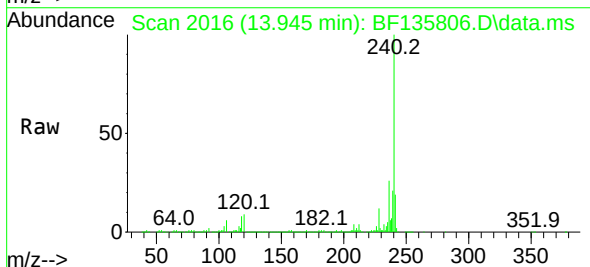
Tgt Ion:202 Resp: 1070638
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.9 0.0 38.3

Manual Integrations
APPROVED

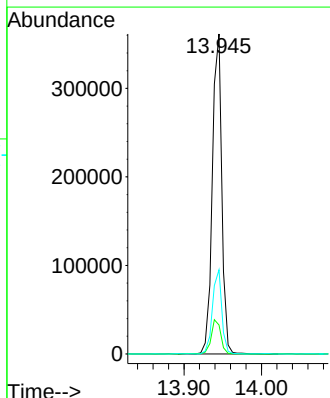
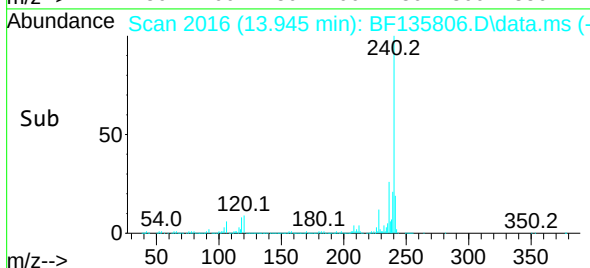
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

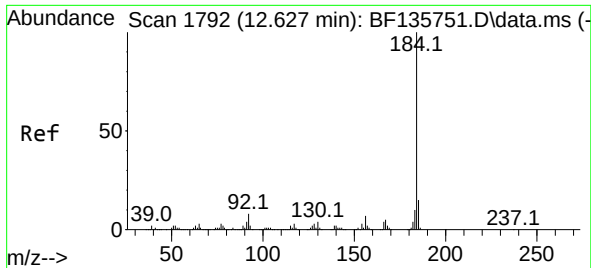


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



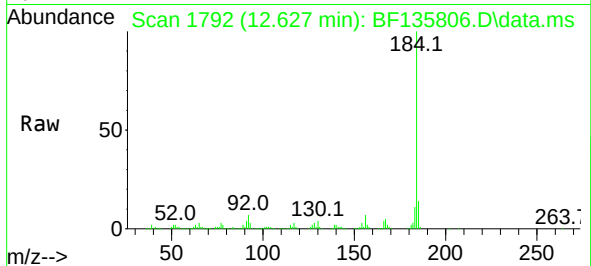
Tgt Ion:240 Resp: 306620
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 26.3 21.2 31.8





#77
Benzidine
Concen: 35.528 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

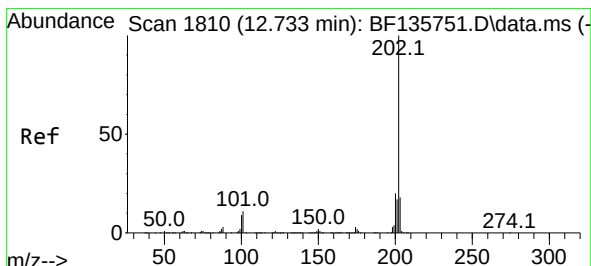
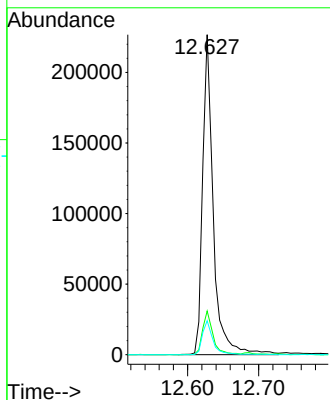
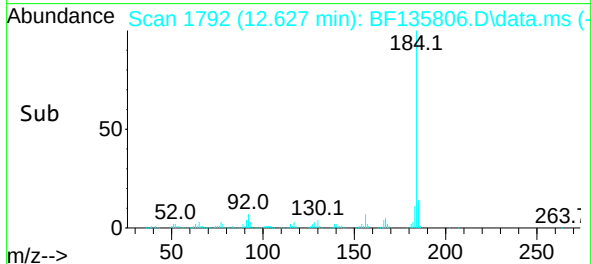
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



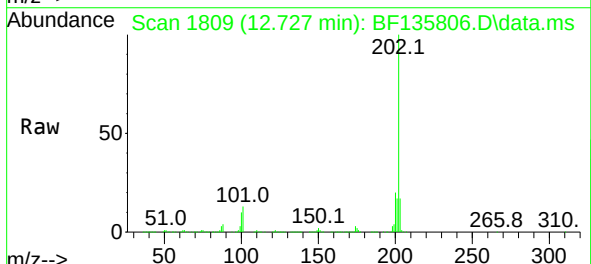
Tgt Ion:184 Resp: 237711
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 10.6 8.2 12.2

Manual Integrations
APPROVED

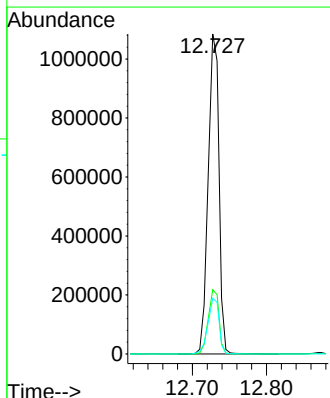
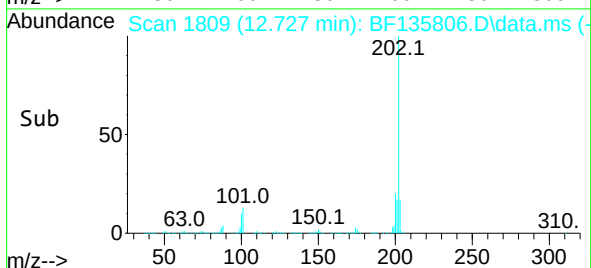
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

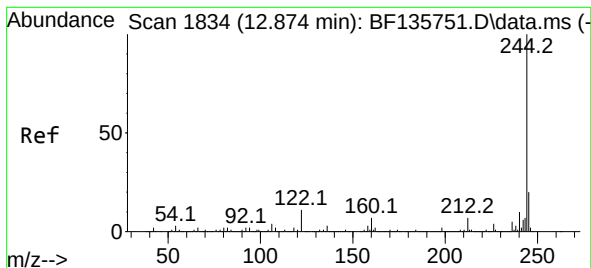


#78
Pyrene
Concen: 45.032 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:202 Resp: 1097239
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 82.756 ng

RT: 12.875 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135806.D

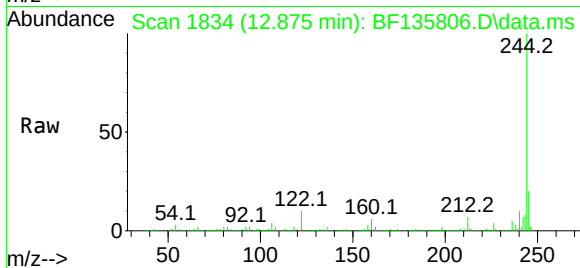
Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD



Tgt Ion:244 Resp: 1370179

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

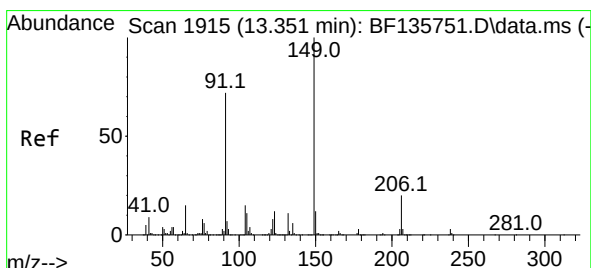
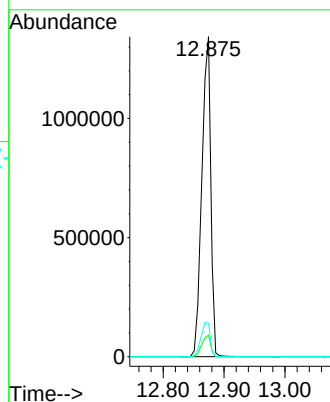
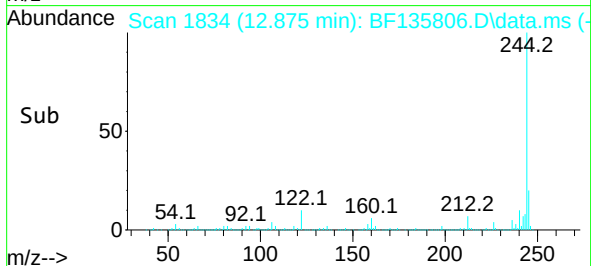
122 10.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#80

Butylbenzylphthalate

Concen: 43.925 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

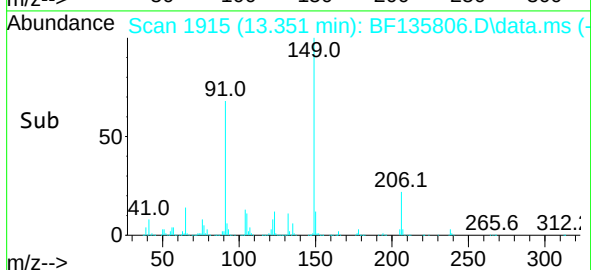
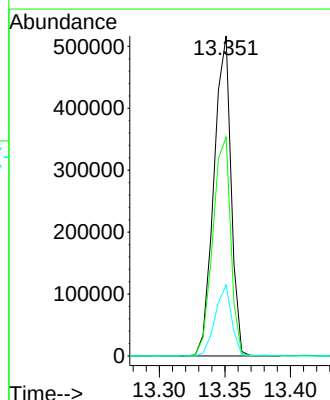
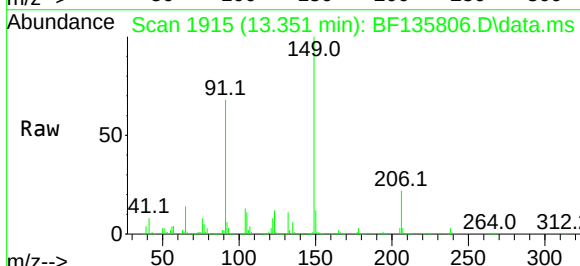
Tgt Ion:149 Resp: 470307

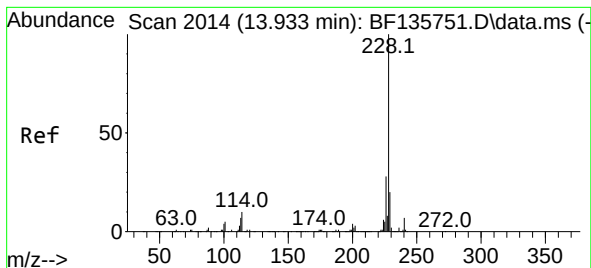
Ion Ratio Lower Upper

149 100

91 68.4 57.4 86.0

206 22.2 16.2 24.4





#81

Benzo(a)anthracene

Concen: 44.191 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

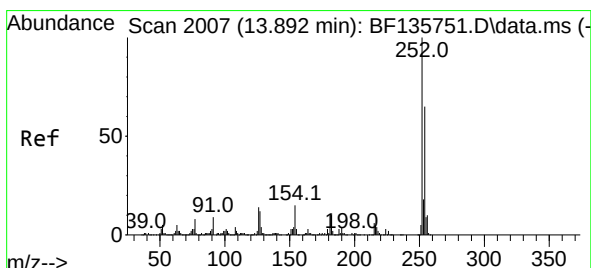
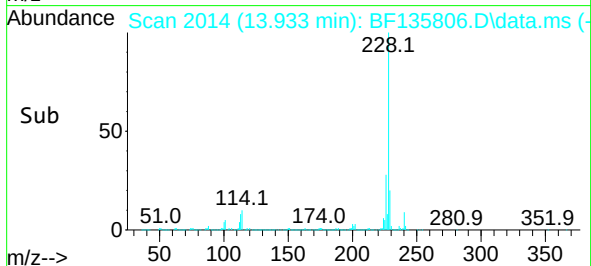
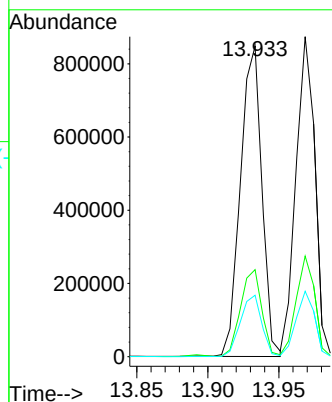
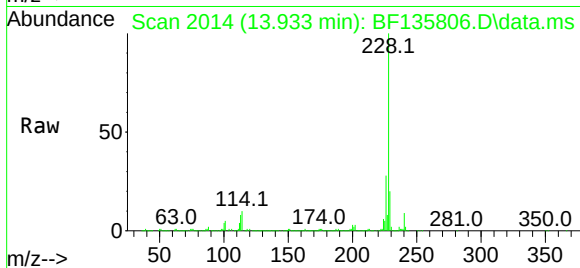
Tgt Ion:228 Resp: 890000
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.2 33.2
 229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.057 ng

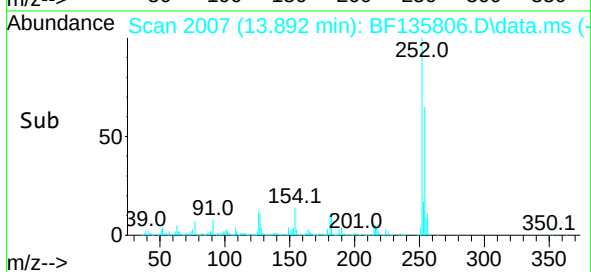
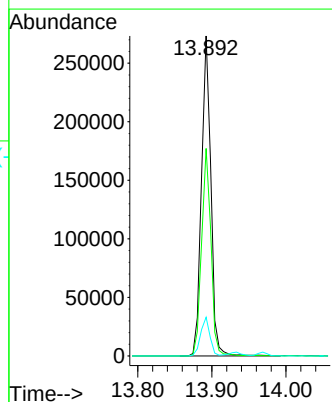
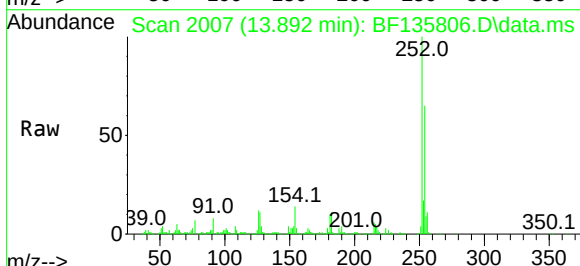
RT: 13.892 min Scan# 2007

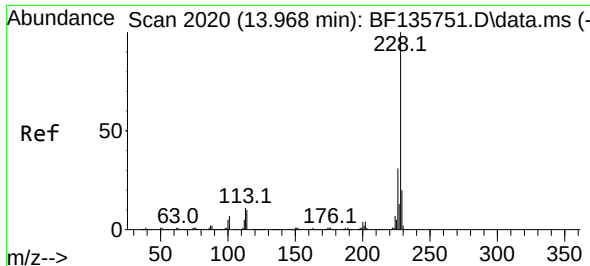
Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

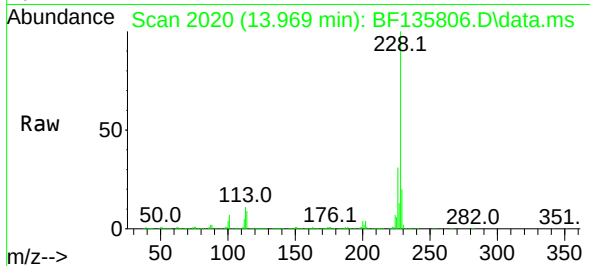
Tgt Ion:252 Resp: 240844
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.8 77.6
 126 12.1 11.0 16.4





#83
Chrysene
Concen: 41.841 ng
RT: 13.969 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

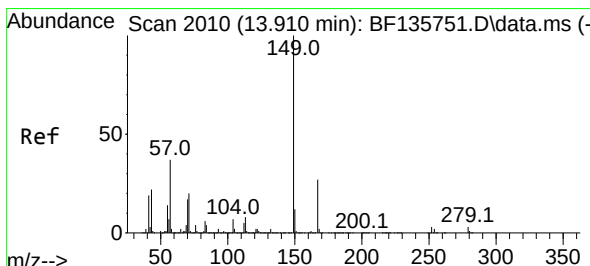
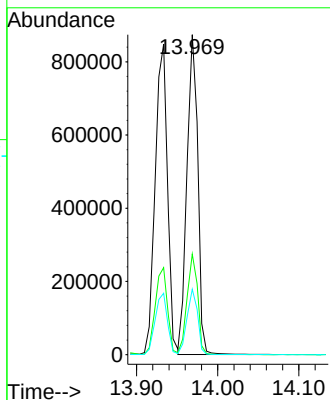
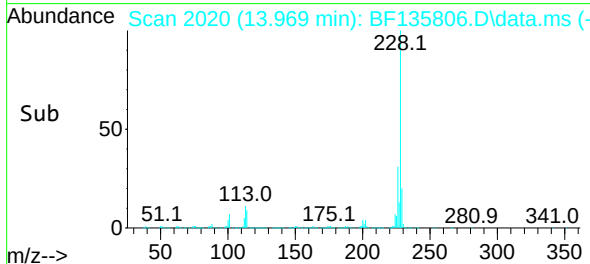
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



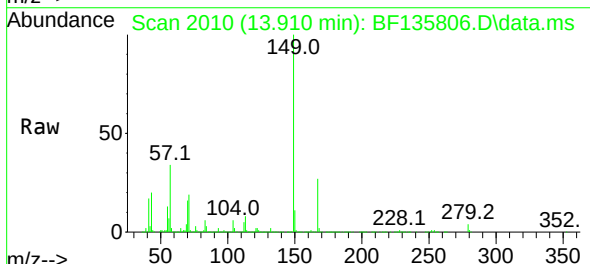
Tgt Ion:228 Resp: 81619
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 20.4 15.7 23.5

Manual Integrations
APPROVED

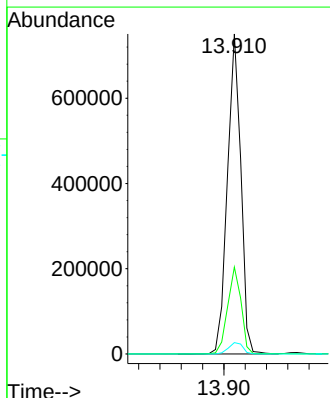
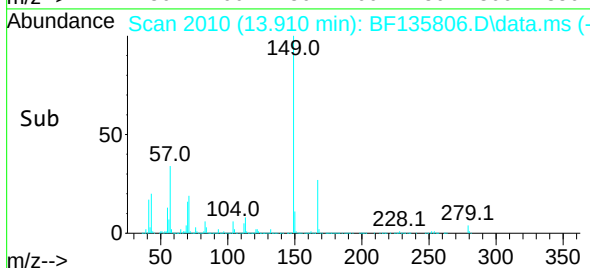
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

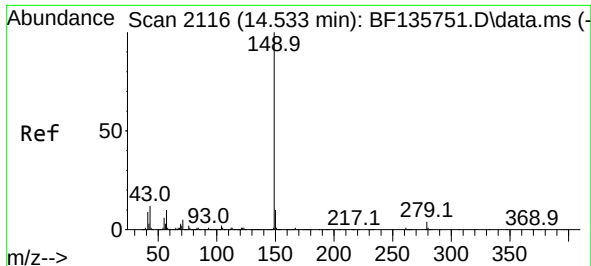


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.026 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



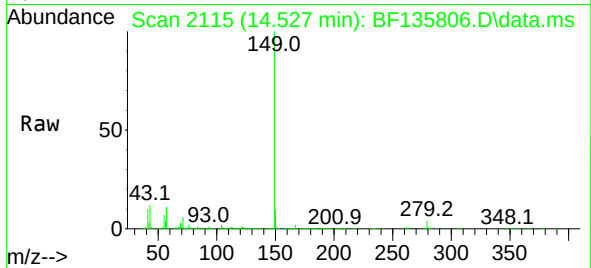
Tgt Ion:149 Resp: 653403
Ion Ratio Lower Upper
149 100
167 27.2 21.3 31.9
279 3.6 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 44.459 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

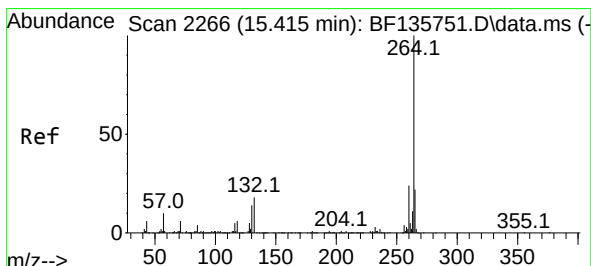
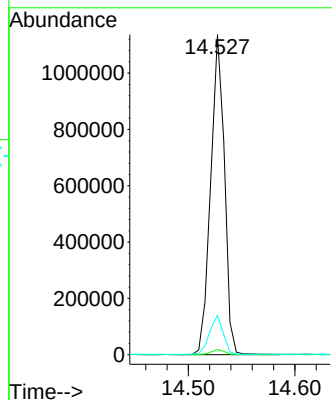
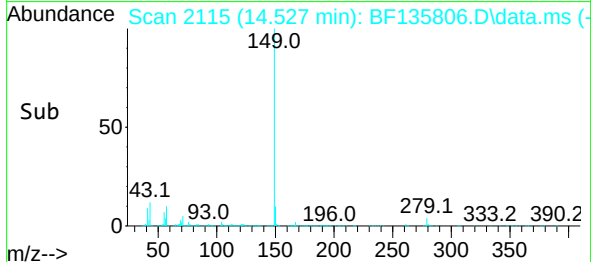
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



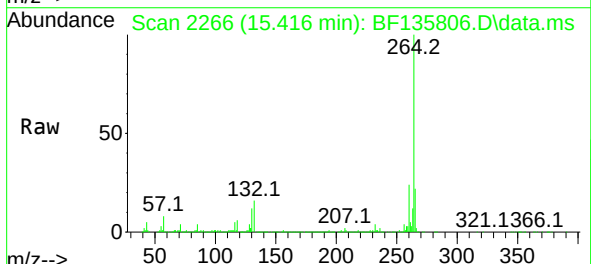
Tgt Ion:149 Resp: 102306
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.1 10.1 15.1

Manual Integrations
APPROVED

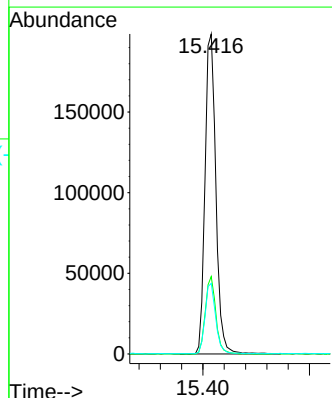
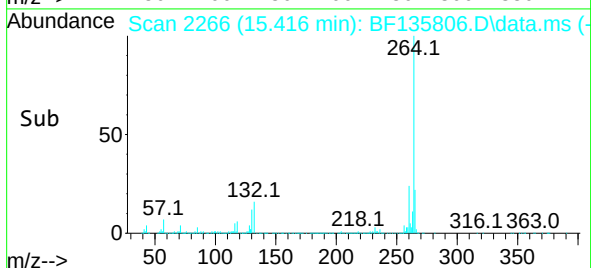
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

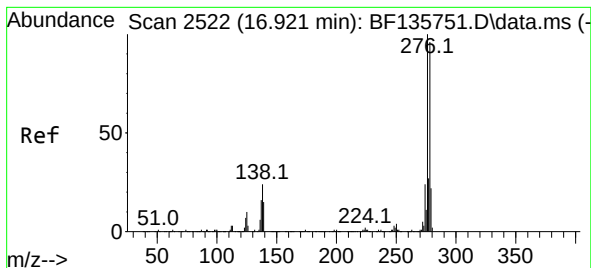


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:264 Resp: 279956
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.173 ng

RT: 16.927 min Scan# 21957

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:276 Resp: 719570

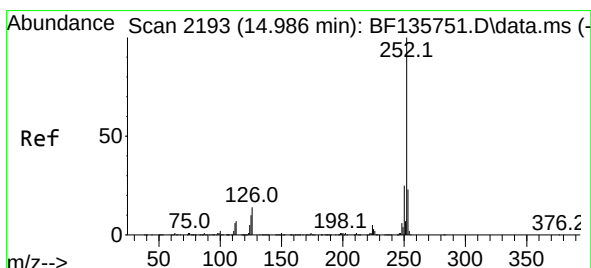
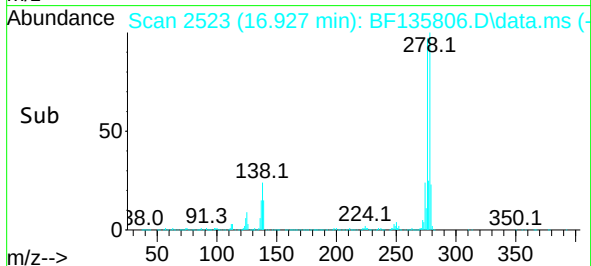
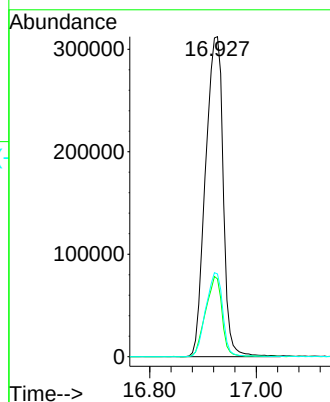
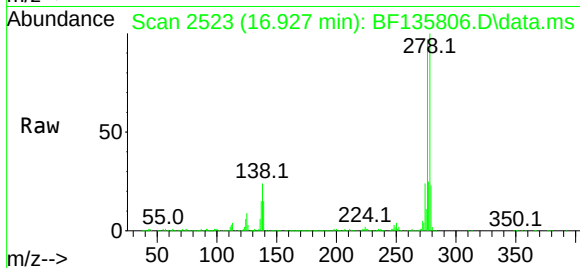
Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.8	29.6
277	25.2	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#88

Benzo(b)fluoranthene

Concen: 45.764 ng

RT: 14.986 min Scan# 2193

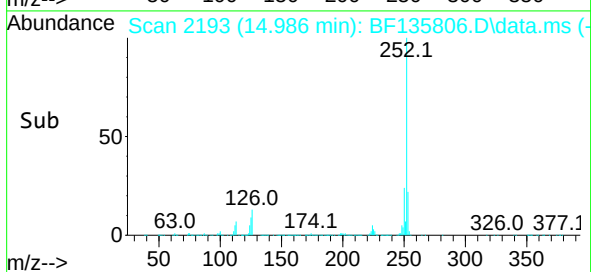
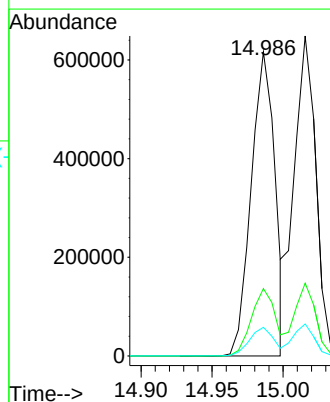
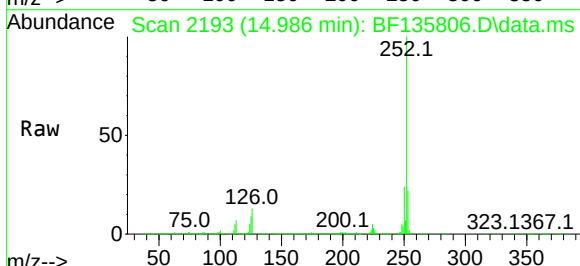
Delta R.T. -0.006 min

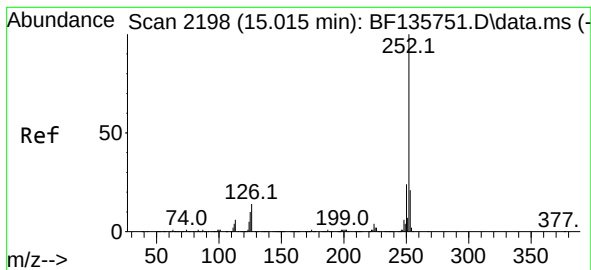
Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Tgt Ion:252 Resp: 717034

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.4	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 45.770 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:252 Resp: 696228

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

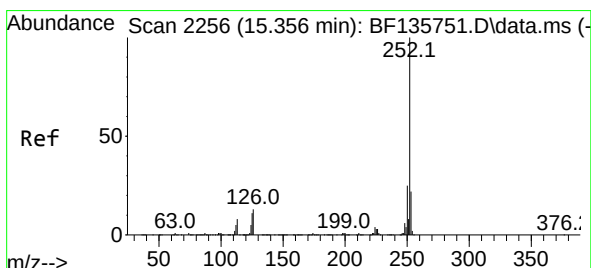
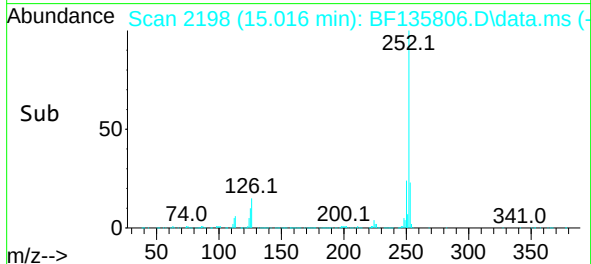
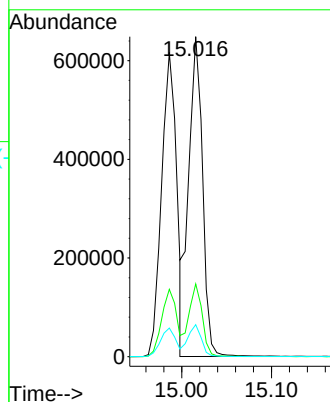
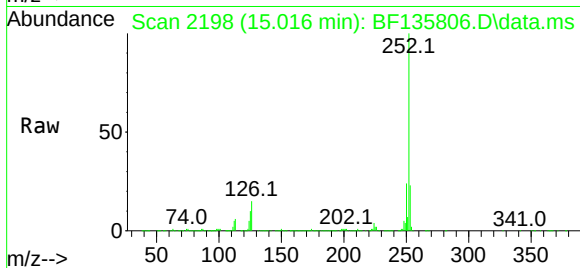
125 10.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#90

Benzo(a)pyrene

Concen: 42.055 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

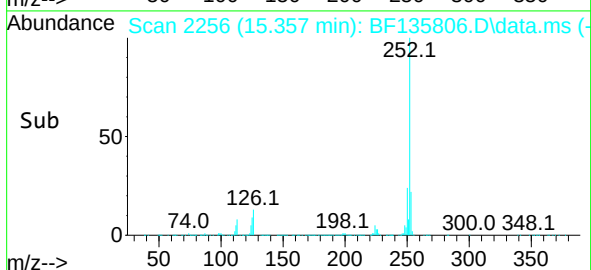
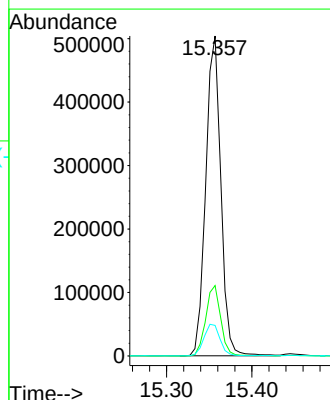
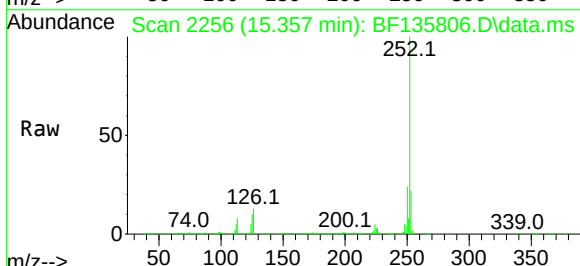
Tgt Ion:252 Resp: 619610

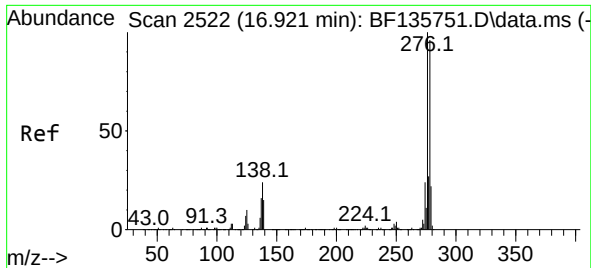
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

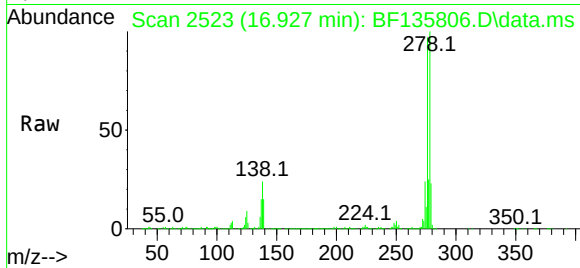
125 9.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.002 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

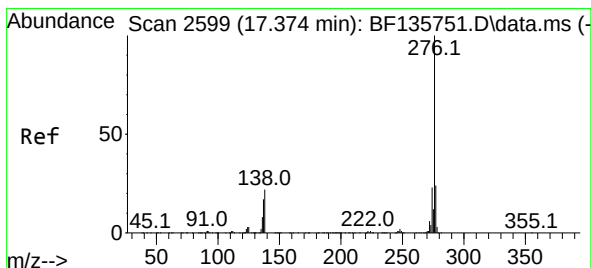
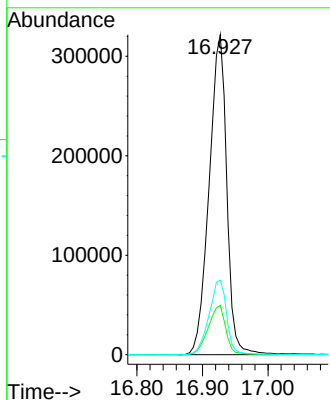
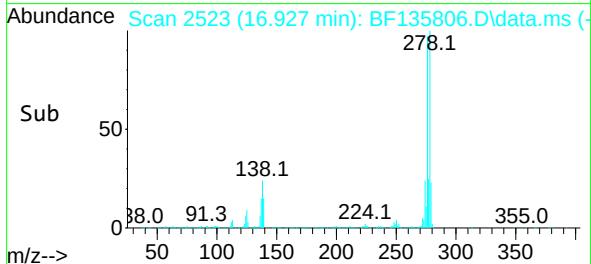
Instrument :
BNA_F
ClientSampleId :
PB156118BSD



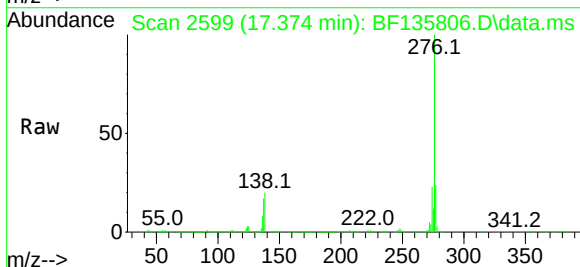
Tgt Ion:278 Resp: 600270
Ion Ratio Lower Upper
278 100
139 15.5 12.5 18.7
279 23.3 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.657 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:276 Resp: 573631
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 20.2 17.3 25.9

