

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135907.D
 Acq On : 20 Oct 2023 14:31
 Operator : CG\JU
 Sample : PB156209BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

Quant Time: Oct 20 23:18:54 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	6.734	152	91679	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	372237	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	174347	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	339674	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	209321	20.000	ng	-0.01
86) Perylene-d12	15.410	264	163982	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	736671	129.188	ng	0.00
7) Phenol-d6	6.398	99	818628	115.058	ng	0.00
23) Nitrobenzene-d5	7.310	82	546091	80.687	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	213014	127.325	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	945456	84.787	ng	0.00
79) Terphenyl-d14	12.868	244	1002184	88.666	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	97850	35.576	ng	98
3) Pyridine	3.328	79	203217	30.113	ng	96
4) n-Nitrosodimethylamine	3.269	42	148172	40.828	ng	98
6) Aniline	6.404	93	257507	28.760	ng	# 77
8) 2-Chlorophenol	6.528	128	271483	44.149	ng	99
9) Benzaldehyde	6.298	77	47958	11.843	ng	97
10) Phenol	6.410	94	313998	42.118	ng	82
11) bis(2-Chloroethyl)ether	6.475	93	250607	41.719	ng	98
12) 1,3-Dichlorobenzene	6.675	146	270751	43.431	ng	98
13) 1,4-Dichlorobenzene	6.751	146	275527	43.629	ng	99
14) 1,2-Dichlorobenzene	6.898	146	253092	44.509	ng	99
15) Benzyl Alcohol	6.892	79	217236	45.920	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	462790	42.598	ng	62
17) 2-Methylphenol	7.010	107	210105	39.469	ng	95
18) Hexachloroethane	7.234	117	102686	44.846	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	185178	42.093	ng	97
20) 3+4-Methylphenols	7.163	107	275485	41.512	ng	92
22) Acetophenone	7.151	105	366856	42.973	ng	# 97
24) Nitrobenzene	7.328	77	286670	42.203	ng	99
25) Isophorone	7.563	82	552911	43.303	ng	100
26) 2-Nitrophenol	7.639	139	155096	46.788	ng	99
27) 2,4-Dimethylphenol	7.686	122	232838	42.667	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	331897	43.648	ng	99
29) 2,4-Dichlorophenol	7.886	162	239897	46.910	ng	96
30) 1,2,4-Trichlorobenzene	7.957	180	239984	45.882	ng	99
31) Naphthalene	8.039	128	747518	41.172	ng	99
32) Benzoic acid	7.851	122	142849	38.672	ng	94
33) 4-Chloroaniline	8.098	127	160961	20.295	ng	98
34) Hexachlorobutadiene	8.145	225	134178	43.339	ng	98
35) Caprolactam	8.486	113	73334m	41.947	ng	
36) 4-Chloro-3-methylphenol	8.598	107	244537	43.119	ng	99
37) 2-Methylnaphthalene	8.728	142	479946	40.122	ng	99
38) 1-Methylnaphthalene	8.828	142	453944	41.144	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	235735	47.004	ng	98
41) Hexachlorocyclopentadiene	8.875	237	78156	77.528	ng	94
43) 2,4,6-Trichlorophenol	9.022	196	146780	45.417	ng	99

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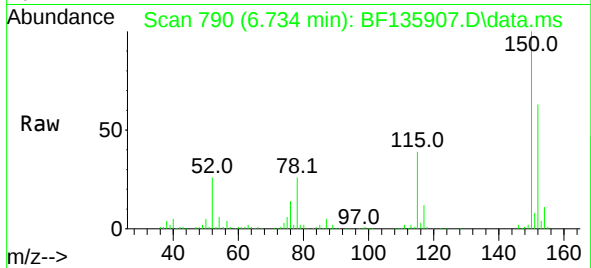
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	153657	40.878	ng	98
46) 1,1'-Biphenyl	9.198	154	555477	41.592	ng	99
47) 2-Chloronaphthalene	9.222	162	413729	42.984	ng	99
48) 2-Nitroaniline	9.333	65	138983	36.582	ng	95
49) Acenaphthylene	9.639	152	684766	42.990	ng	100
50) Dimethylphthalate	9.504	163	494499	42.015	ng	99
51) 2,6-Dinitrotoluene	9.580	165	108824	42.997	ng	96
52) Acenaphthene	9.810	154	404216	42.339	ng	99
53) 3-Nitroaniline	9.751	138	98791	31.841	ng	98
54) 2,4-Dinitrophenol	9.880	184	97077	91.885	ng	94
55) Dibenzofuran	9.986	168	619166	42.981	ng	98
56) 4-Nitrophenol	9.945	139	93850	66.978	ng	93
57) 2,4-Dinitrotoluene	9.998	165	147923	45.939	ng	93
58) Fluorene	10.327	166	489026	43.363	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	118361	41.666	ng	98
60) Diethylphthalate	10.210	149	514919	42.855	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	237208	43.520	ng	97
62) 4-Nitroaniline	10.380	138	113846	39.881	ng	97
63) Azobenzene	10.480	77	494366	42.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	75315	44.058	ng	82
66) n-Nitrosodiphenylamine	10.445	169	441043	42.600	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	142923	41.916	ng	100
68) Hexachlorobenzene	10.880	284	158790	45.741	ng	99
69) Atrazine	10.980	200	134077	47.611	ng	98
70) Pentachlorophenol	11.086	266	97132	70.942	ng	98
71) Phenanthrene	11.298	178	691807	42.515	ng	99
72) Anthracene	11.351	178	711507	42.197	ng	100
73) Carbazole	11.516	167	659933	41.965	ng	99
74) Di-n-butylphthalate	11.833	149	819897	42.465	ng	100
75) Fluoranthene	12.492	202	740364	40.995	ng	99
77) Benzidine	12.621	184	140199	30.694	ng	98
78) Pyrene	12.727	202	749846	45.080	ng	99
80) Butylbenzylphthalate	13.345	149	330412	45.203	ng	95
81) Benzo(a)anthracene	13.927	228	607112	44.157	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	155504	34.103	ng	98
83) Chrysene	13.963	228	550331	41.326	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	453521	45.779	ng	99
85) Di-n-octyl phthalate	14.521	149	678319	43.179	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	468105	52.390	ng	99
88) Benzo(b)fluoranthene	14.980	252	481431	52.458	ng	99
89) Benzo(k)fluoranthene	15.010	252	397179	44.577	ng	100
90) Benzo(a)pyrene	15.351	252	374032	43.341	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	388183	52.996	ng	97
92) Benzo(g,h,i)perylene	17.368	276	436942	58.073	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

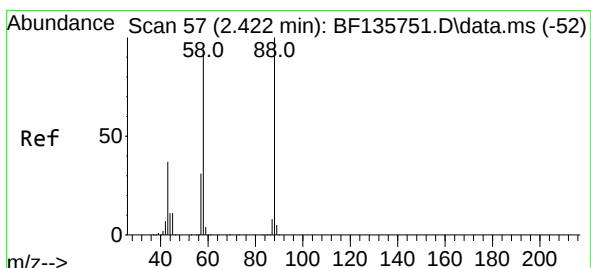
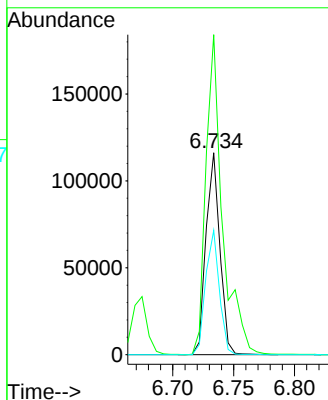
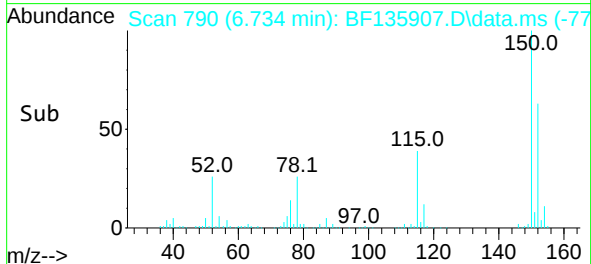
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



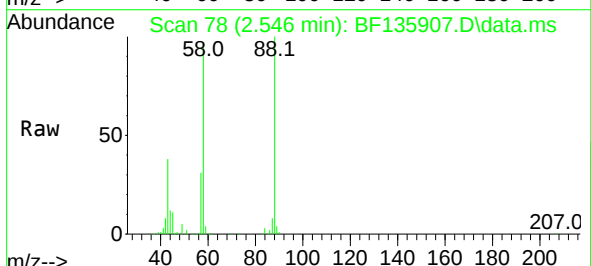
Tgt Ion:152 Resp: 91679
Ion Ratio Lower Upper
152 100
150 158.4 124.5 186.7
115 61.5 49.0 73.4

Manual Integrations
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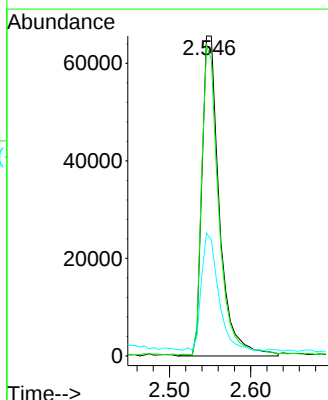
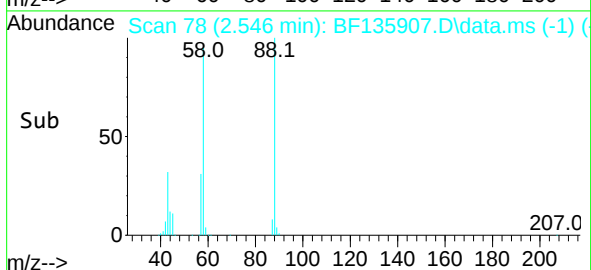
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

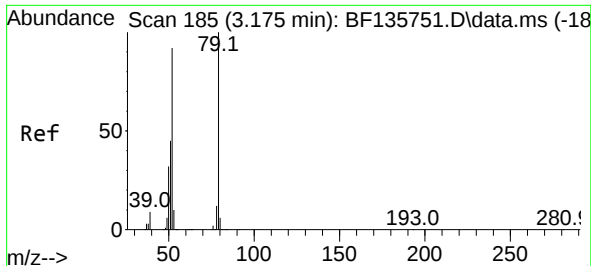


#2
1,4-Dioxane
Concen: 35.576 ng
RT: 2.546 min Scan# 78
Delta R.T. 0.106 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion: 88 Resp: 97850
Ion Ratio Lower Upper
88 100
58 93.3 76.1 114.1
43 36.1 29.8 44.8





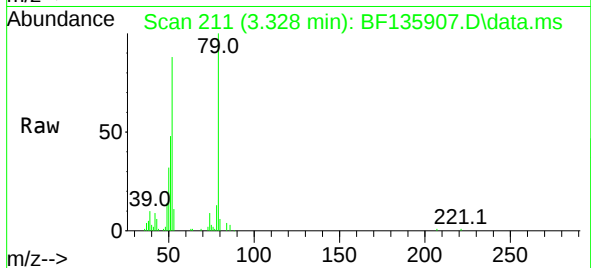
#3
Pyridine
Concen: 30.113 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.141 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD



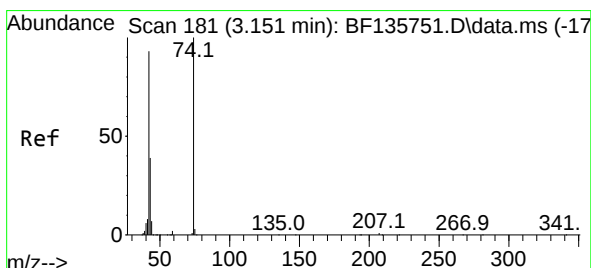
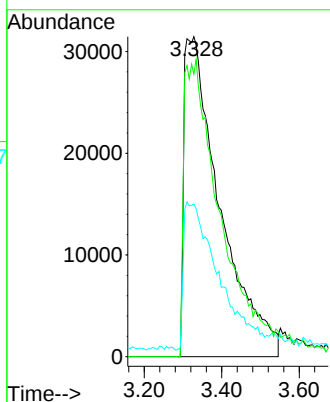
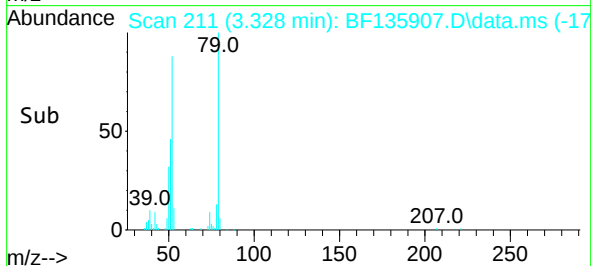
Tgt Ion: 79 Resp: 20321
Ion Ratio Lower Upper
79 100
52 88.3 73.4 110.2
51 47.7 36.5 54.7

Manual Integrations

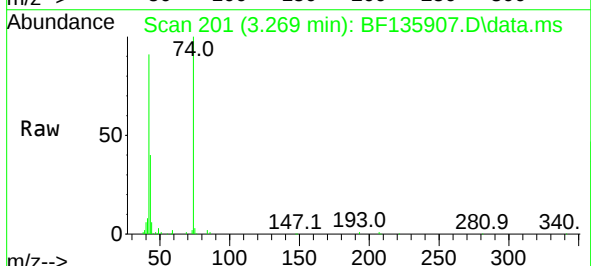
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Reviewed By :Yogesh Patel 10/21/2023

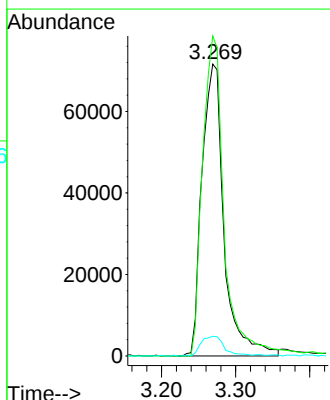
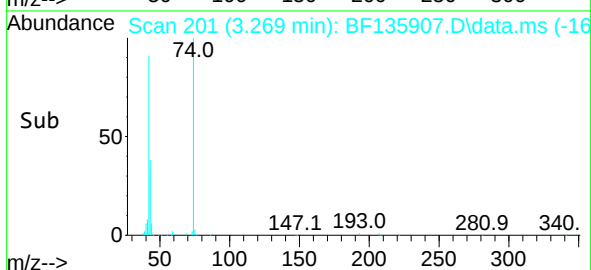
Supervised By :mohammad ahmed 10/21/2023

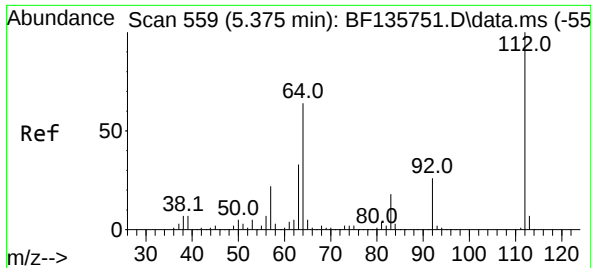


#4
n-Nitrosodimethylamine
Concen: 40.828 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.100 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion: 42 Resp: 148172
Ion Ratio Lower Upper
42 100
74 109.7 86.5 129.7
44 6.8 5.9 8.9





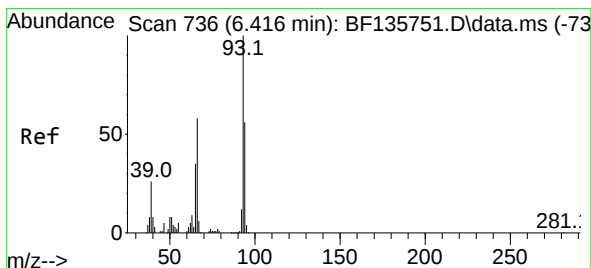
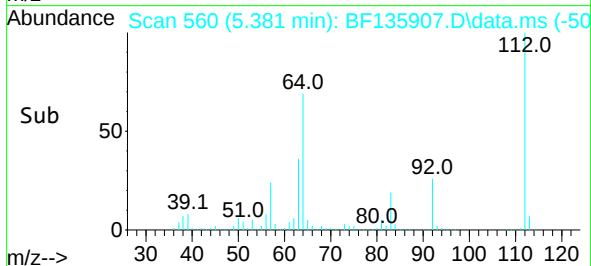
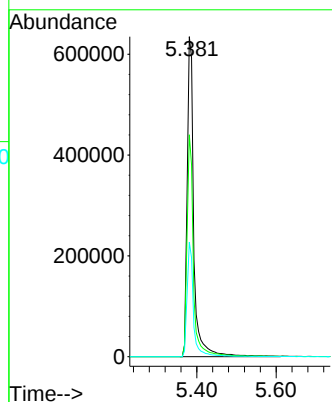
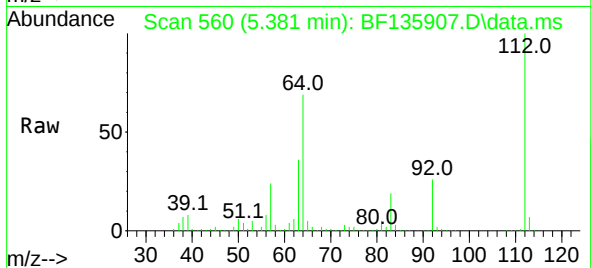
#5
2-Fluorophenol
Concen: 129.188 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB156209BSD

Tgt Ion:112 Resp: 73667
Ion Ratio Lower Upper
112 100
64 69.4 51.2 76.8
63 35.7 26.1 39.1

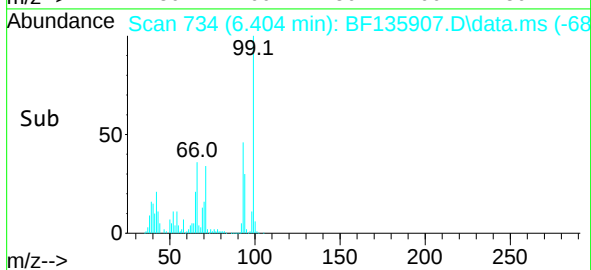
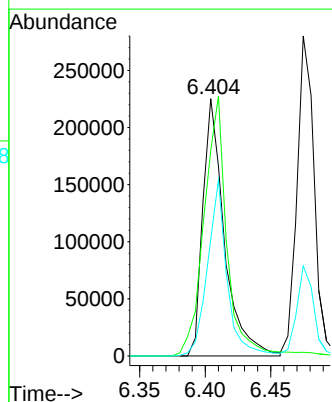
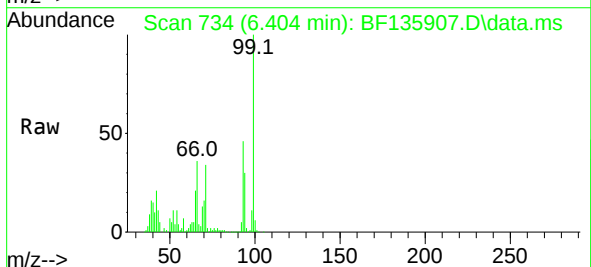
Manual Integrations
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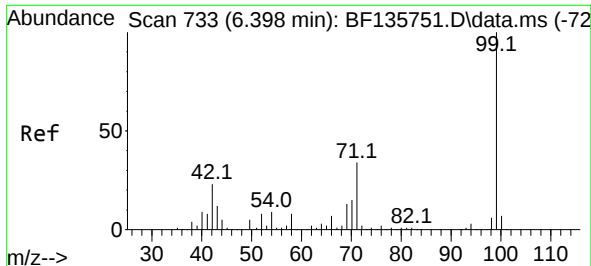
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#6
Aniline
Concen: 28.760 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

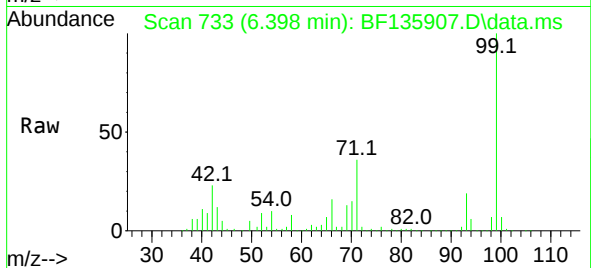
Tgt Ion: 93 Resp: 257507
Ion Ratio Lower Upper
93 100
66 79.9 47.6 71.4#
65 45.3 28.5 42.7#





#7
Phenol-d6
Concen: 115.058 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

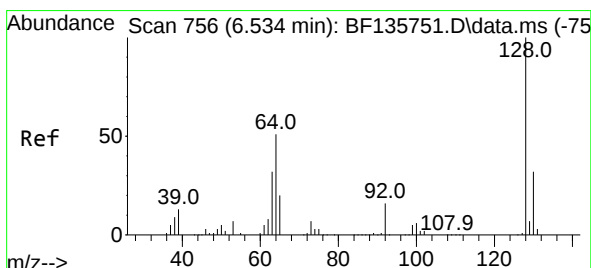
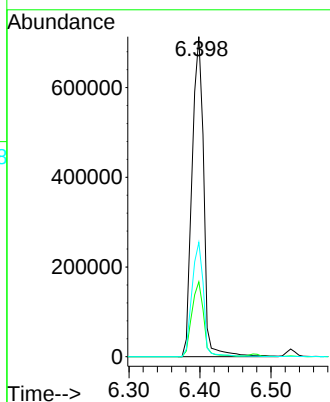
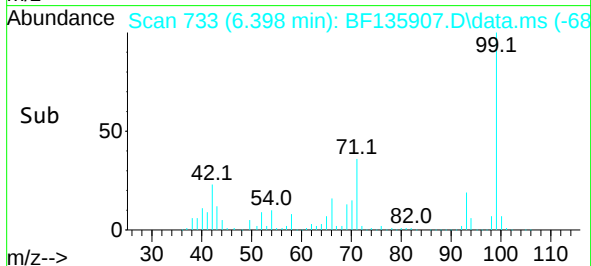
Instrument :
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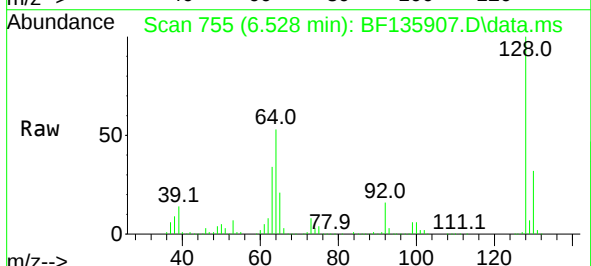
Tgt Ion: 99 Resp: 818628
Ion Ratio Lower Upper
99 100
42 23.4 18.4 27.6
71 35.7 27.2 40.8

Manual Integrations
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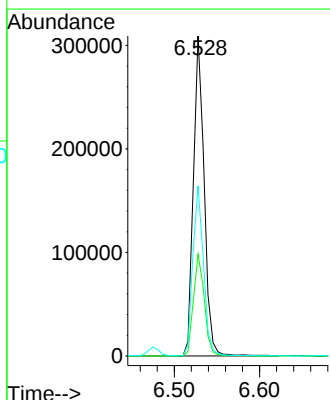
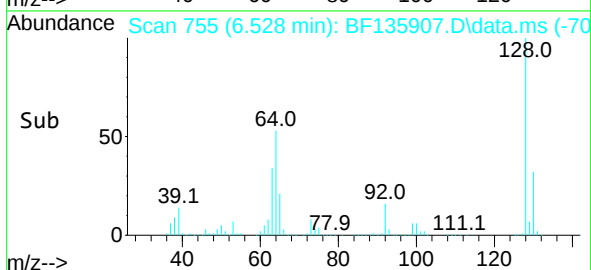
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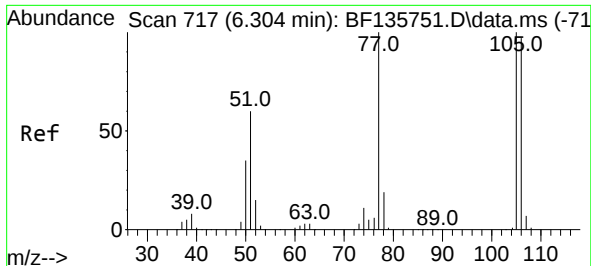


#8
2-Chlorophenol
Concen: 44.149 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



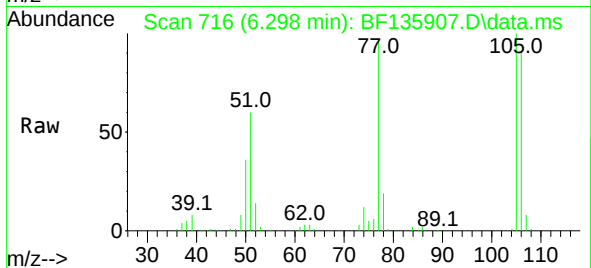
Tgt Ion:128 Resp: 271483
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 53.1 32.3 72.3





#9
Benzaldehyde
Concen: 11.843 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

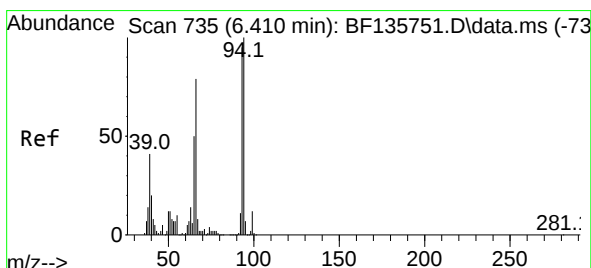
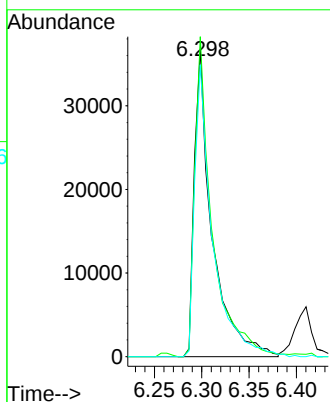
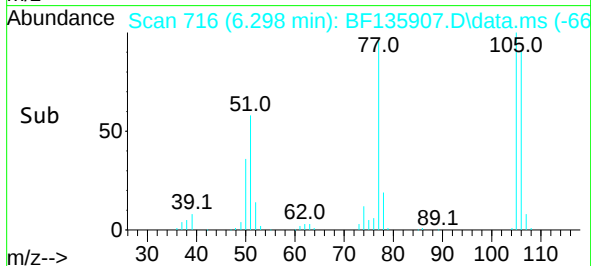
Instrument :
BNA_F
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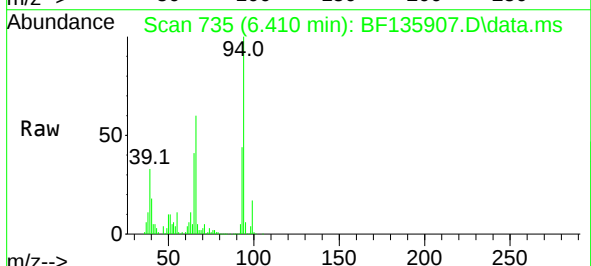
Tgt Ion: 77 Resp: 47958
Ion Ratio Lower Upper
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105 104.5 79.9 119.9
106 95.3 77.1 117.1

Manual Integrations
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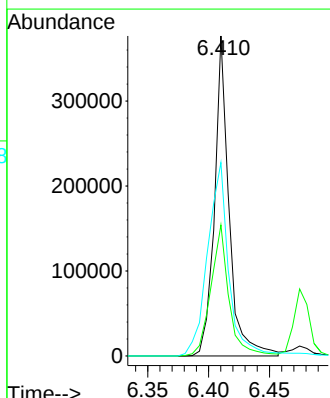
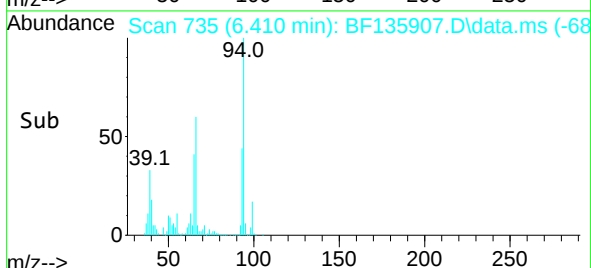
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

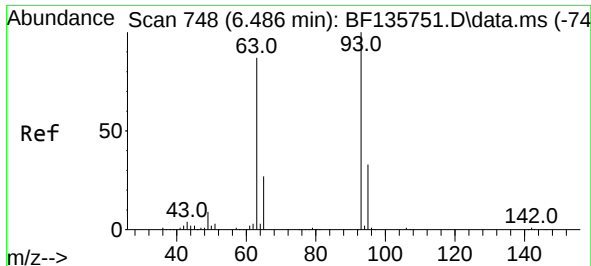


#10
Phenol
Concen: 42.118 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



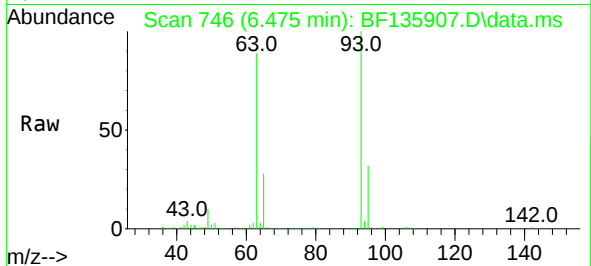
Tgt Ion: 94 Resp: 313998
Ion Ratio Lower Upper
94 100
65 41.0 30.3 70.3
66 60.5 59.1 99.1





#11
bis(2-Chloroethyl)ether
Concen: 41.719 ng
RT: 6.475 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

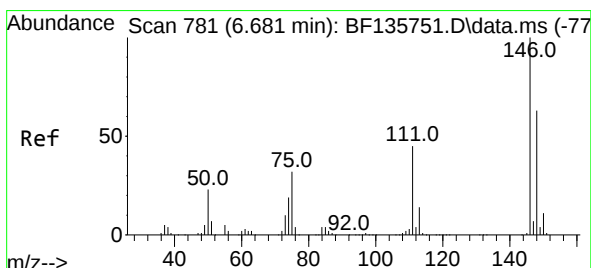
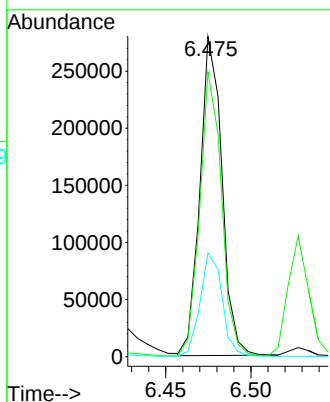
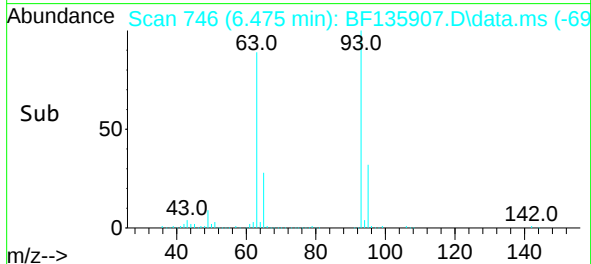
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



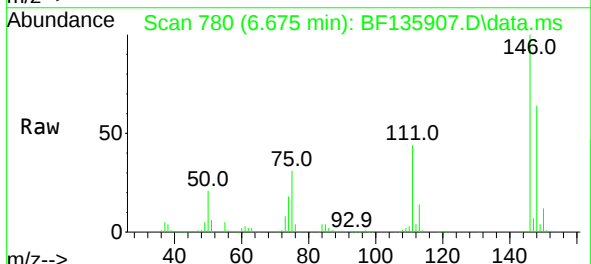
Tgt Ion: 93 Resp: 250607
Ion Ratio Lower Upper
93 100
63 89.0 66.3 106.3
95 32.4 12.8 52.8

Manual Integrations
APPROVED

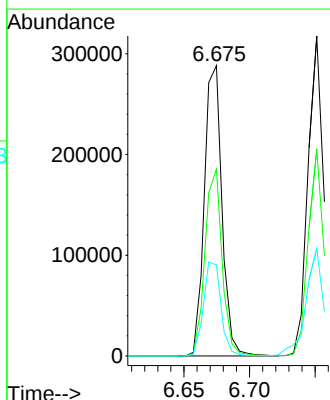
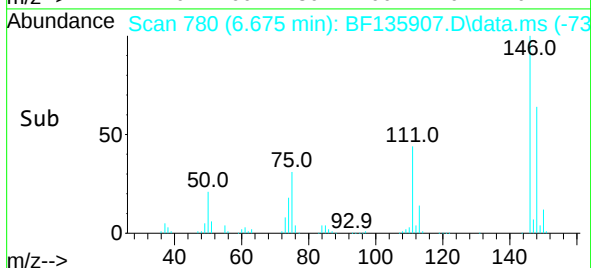
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

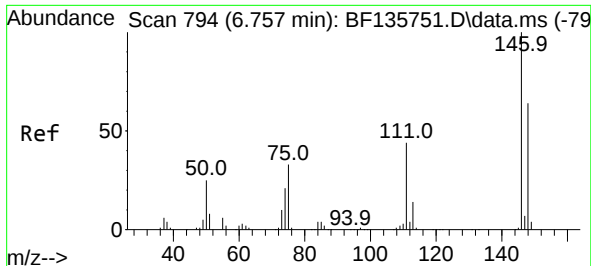


#12
1,3-Dichlorobenzene
Concen: 43.431 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:146 Resp: 270751
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
75 31.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.629 ng

RT: 6.751 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion:146 Resp: 27552

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

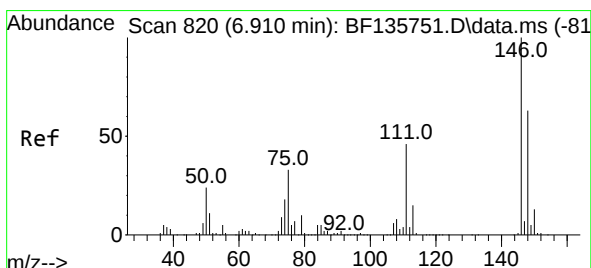
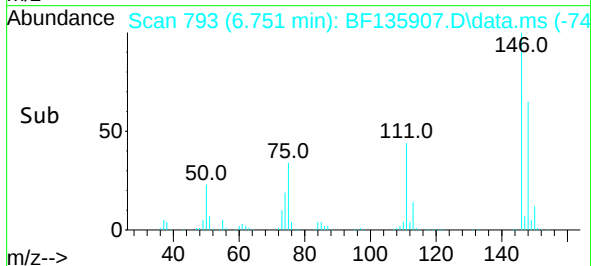
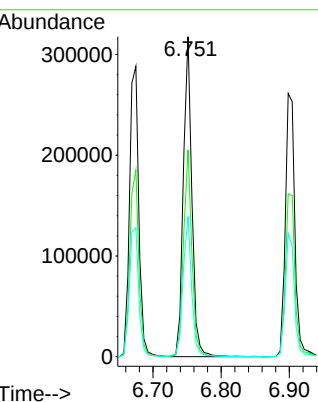
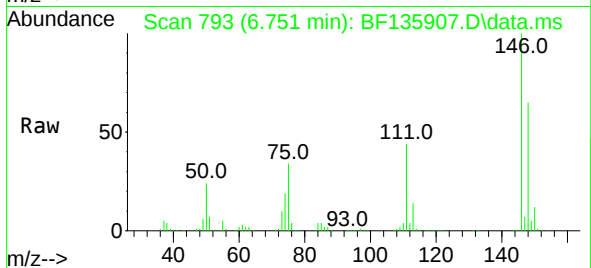
111 43.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#14

1,2-Dichlorobenzene

Concen: 44.509 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

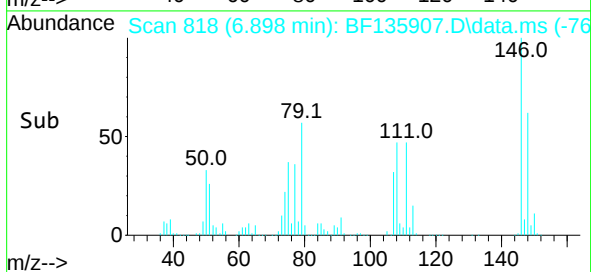
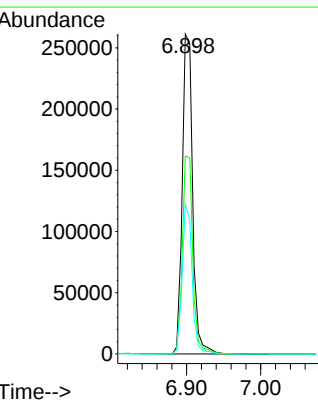
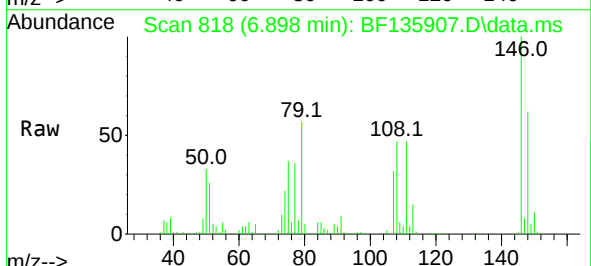
Tgt Ion:146 Resp: 253092

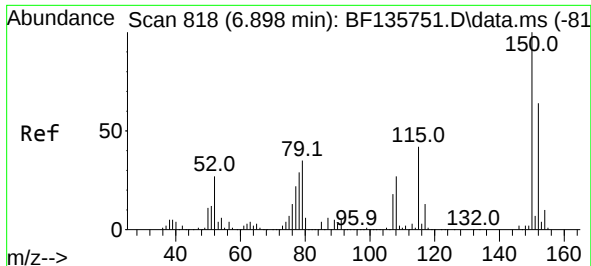
Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

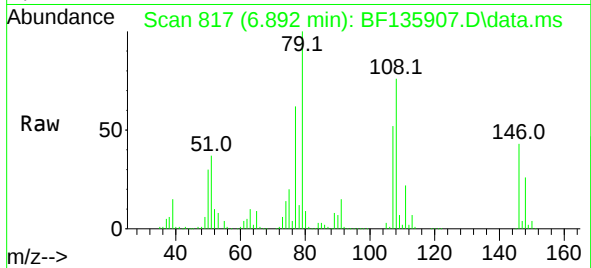
111 46.9 37.1 55.7





#15
Benzyl Alcohol
Concen: 45.920 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

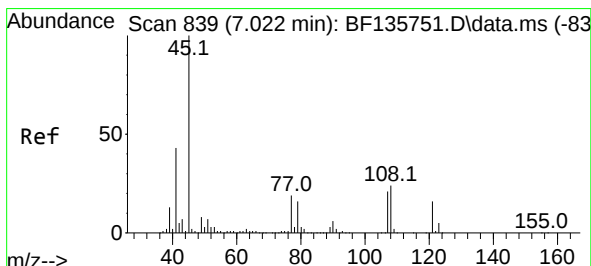
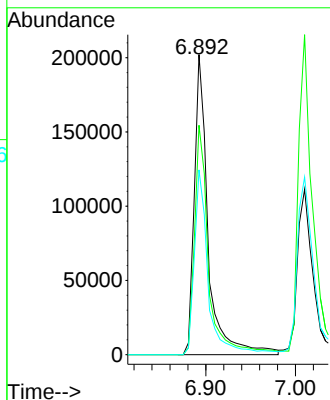
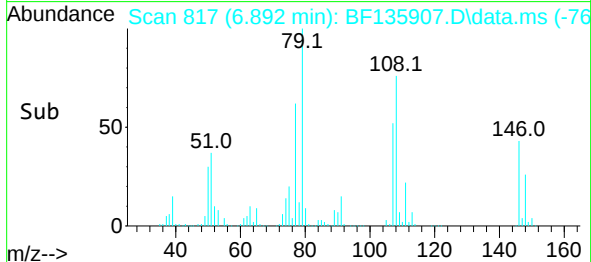
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion: 79 Resp: 217230
Ion Ratio Lower Upper
79 100
108 76.4 62.0 93.0
77 61.6 50.5 75.7

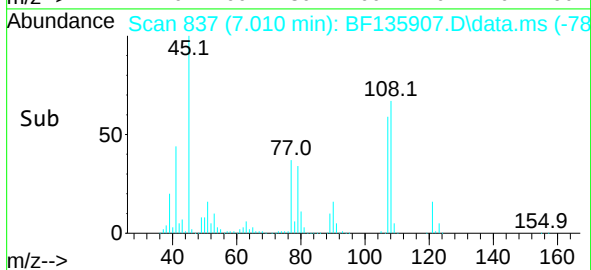
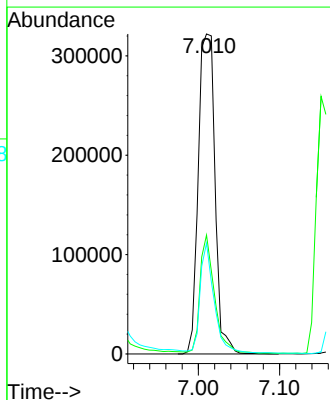
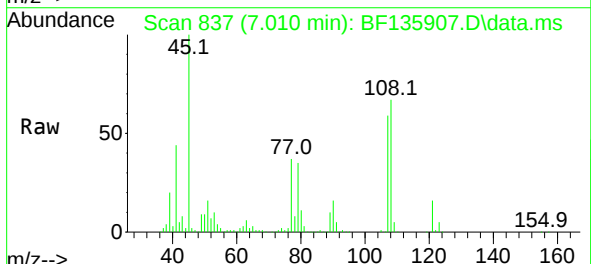
Manual Integrations
APPROVED

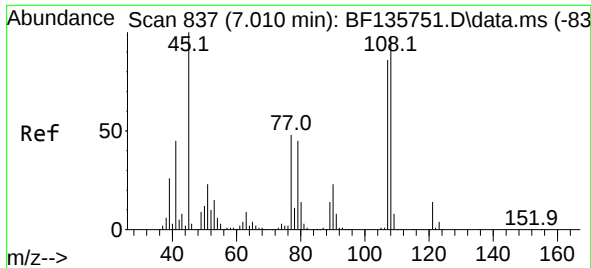
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.598 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 45 Resp: 462790
Ion Ratio Lower Upper
45 100
77 37.1 0.0 39.8
79 34.6 0.0 37.6





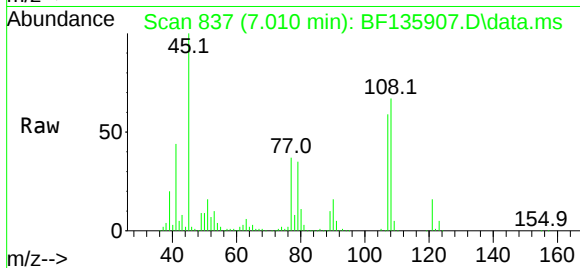
#17
2-Methylphenol
Concen: 39.469 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

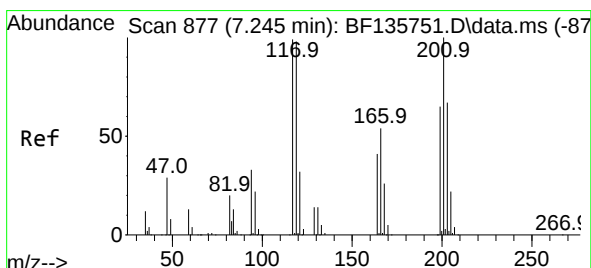
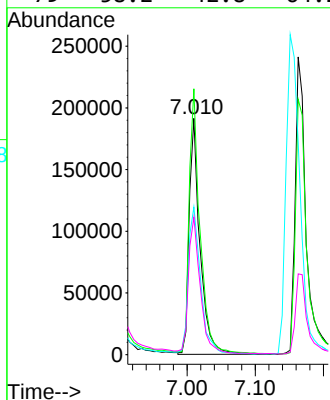
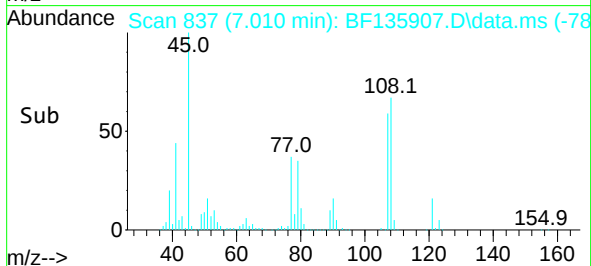


Tgt Ion:107 Resp: 21010
Ion Ratio Lower Upper
107 100
108 112.5 91.8 137.6
77 62.5 45.4 68.0
79 58.2 42.8 64.2

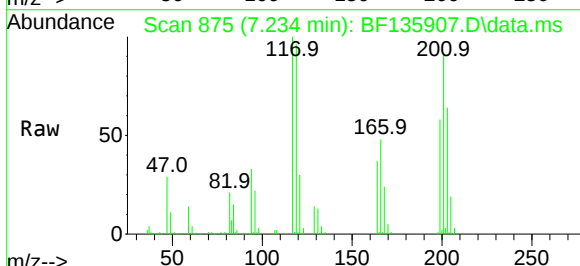
Manual Integrations

APPROVED

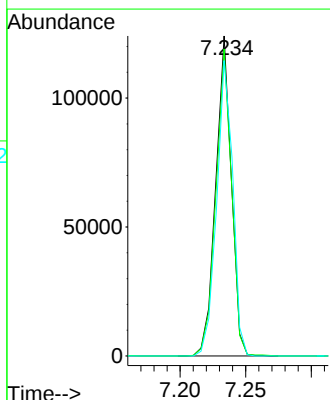
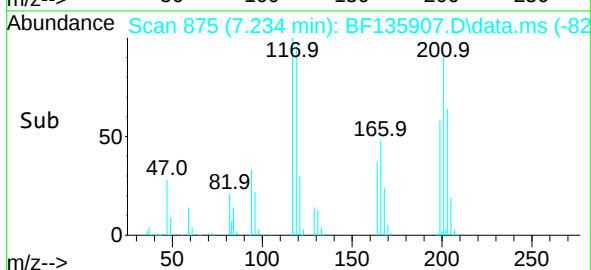
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

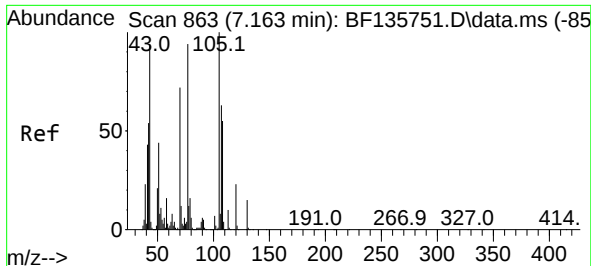


#18
Hexachloroethane
Concen: 44.846 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:117 Resp: 102686
Ion Ratio Lower Upper
117 100
119 95.9 79.5 119.3
201 92.3 80.9 121.3





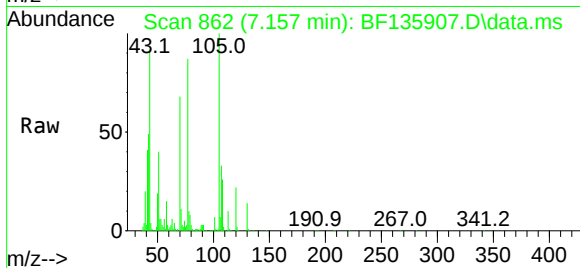
#19
n-Nitroso-di-n-propylamine
Concen: 42.093 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

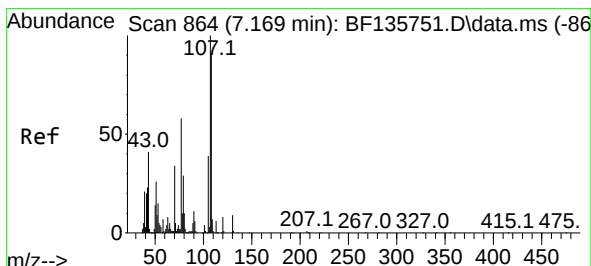
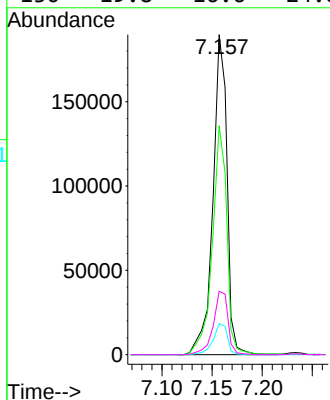
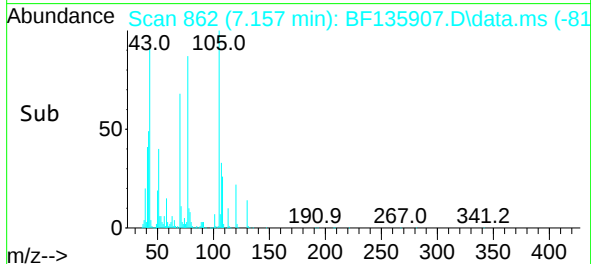


Tgt Ion: 70 Resp: 185178
Ion Ratio Lower Upper
70 100
42 71.6 59.8 89.6
101 9.7 7.4 11.2
130 19.8 16.6 24.8

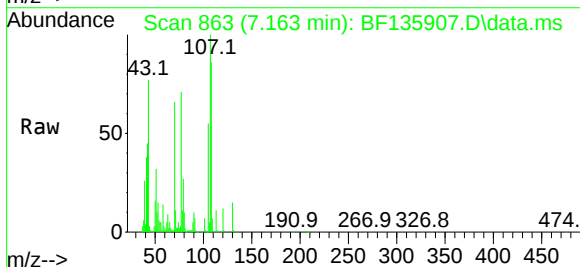
Manual Integrations

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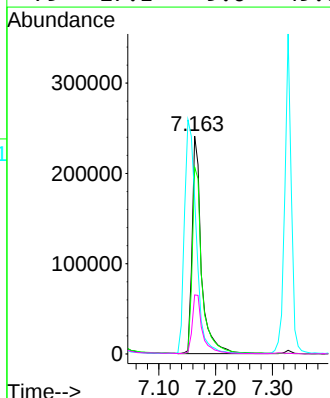
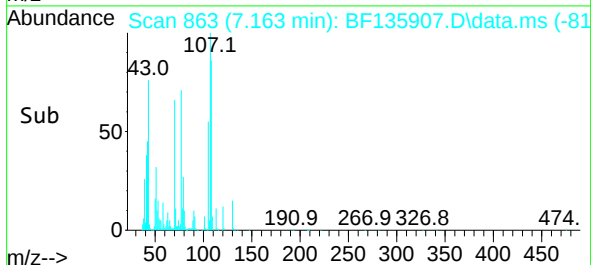
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

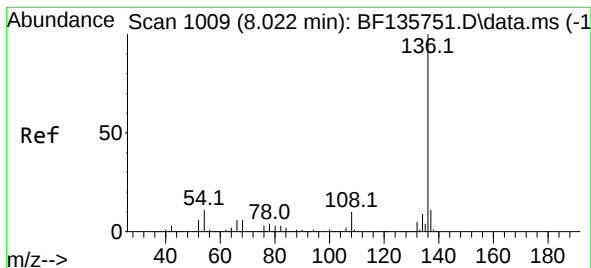


#20
3+4-Methylphenols
Concen: 41.512 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:107 Resp: 275485
Ion Ratio Lower Upper
107 100
108 85.7 71.1 111.1
77 71.1 42.0 82.0
79 27.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion:136 Resp: 37223

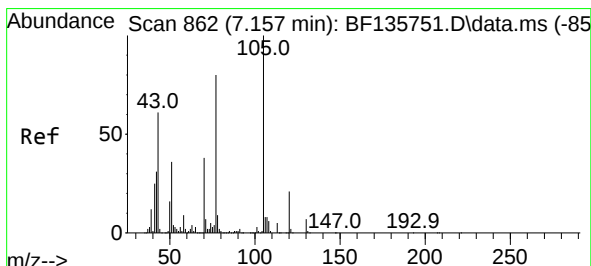
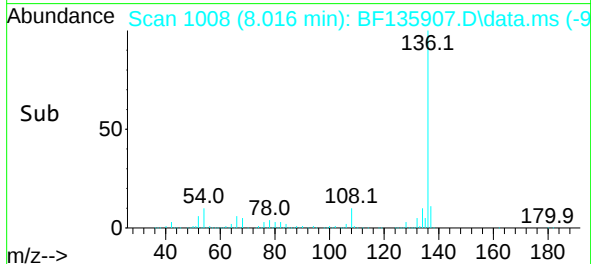
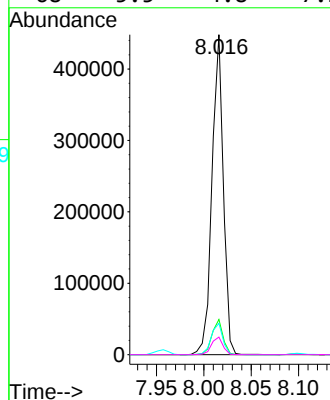
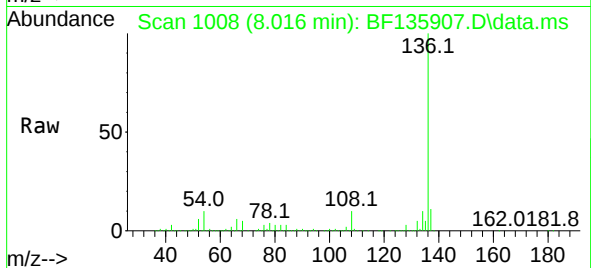
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.8	8.5	12.7
68	5.5	4.8	7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#22

Acetophenone

Concen: 42.973 ng

RT: 7.151 min Scan# 861

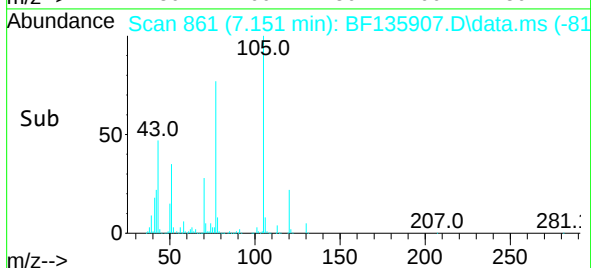
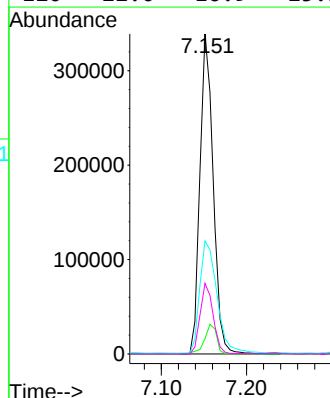
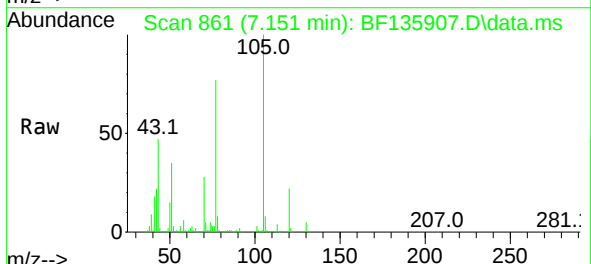
Delta R.T. -0.006 min

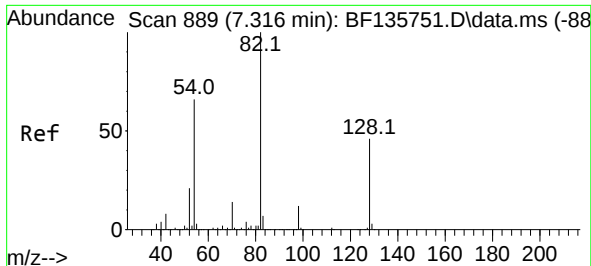
Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion:105 Resp: 366856

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.4	8.0#
51	35.4	29.4	44.0
120	22.0	16.9	25.3





#23

Nitrobenzene-d5

Concen: 80.687 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion: 82 Resp: 54609

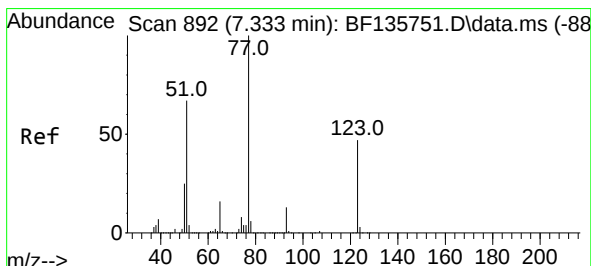
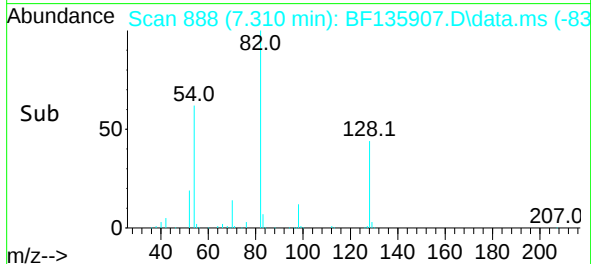
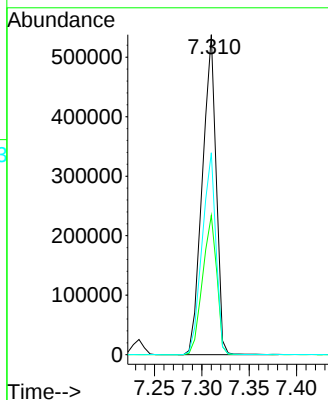
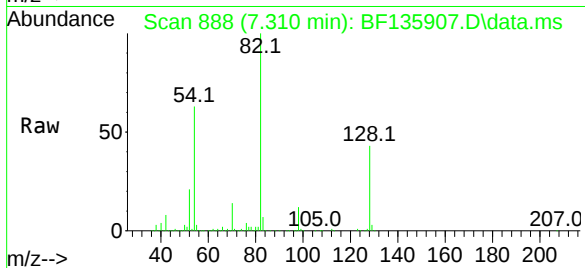
Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.0	55.6
54	63.1	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#24

Nitrobenzene

Concen: 42.203 ng

RT: 7.328 min Scan# 891

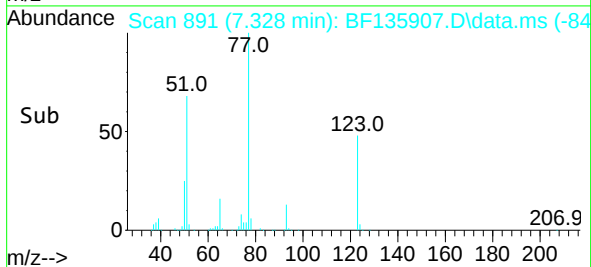
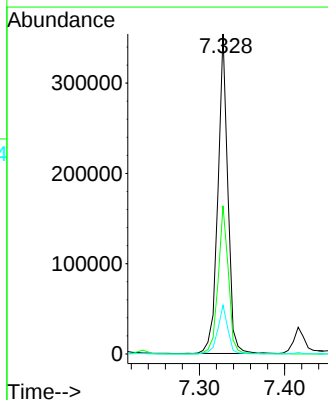
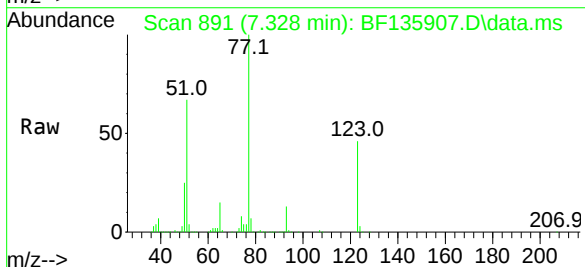
Delta R.T. -0.006 min

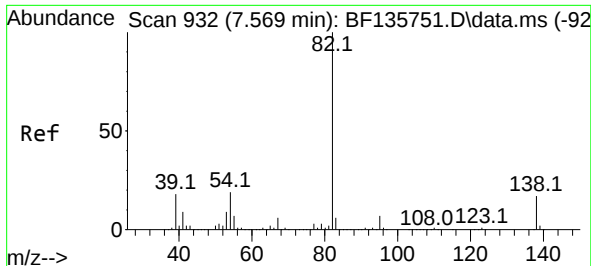
Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion: 77 Resp: 286670

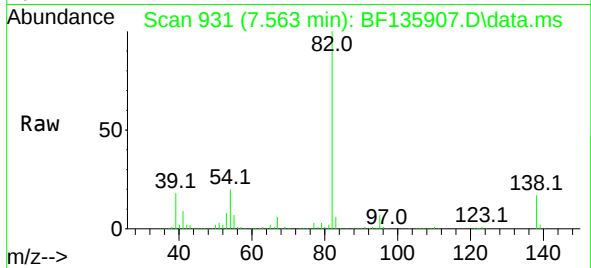
Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.3	55.9
65	15.2	12.6	18.8





#25
Isophorone
Concen: 43.303 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

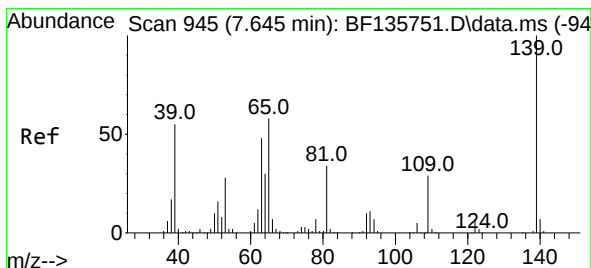
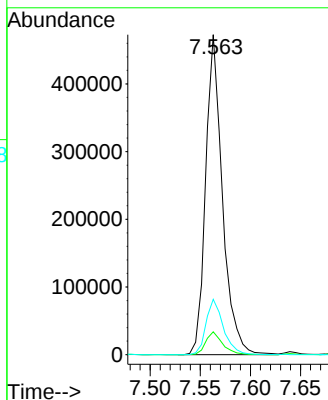
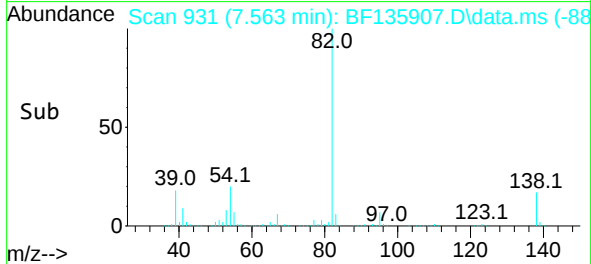
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



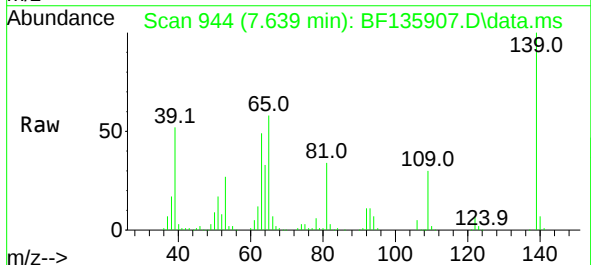
Tgt Ion: 82 Resp: 55291
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.3 13.9 20.9

Manual Integrations
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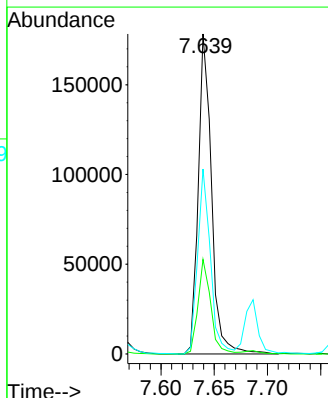
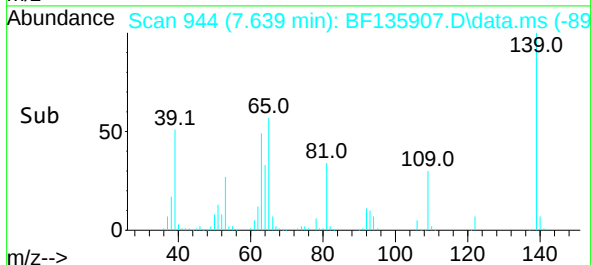
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

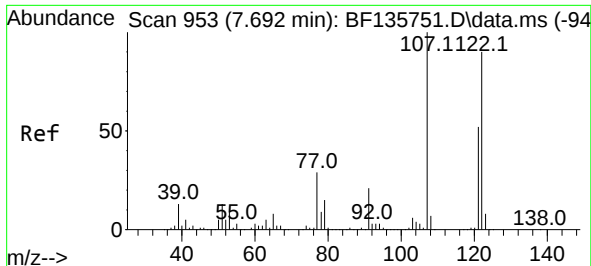


#26
2-Nitrophenol
Concen: 46.788 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:139 Resp: 155096
Ion Ratio Lower Upper
139 100
109 29.6 23.0 34.4
65 57.8 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 42.667 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion:122 Resp: 232838

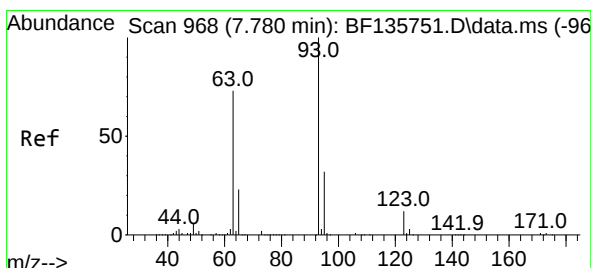
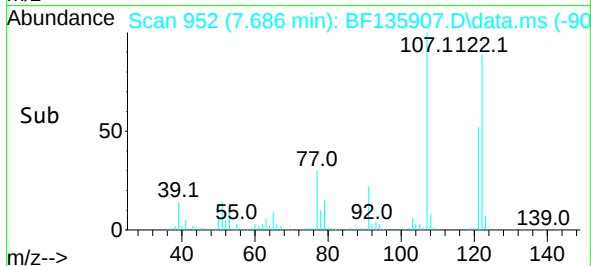
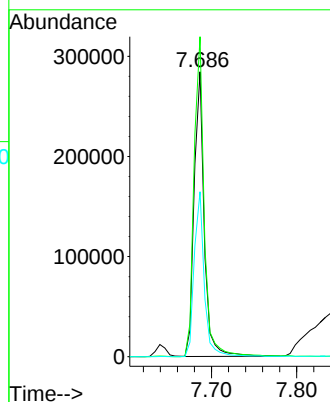
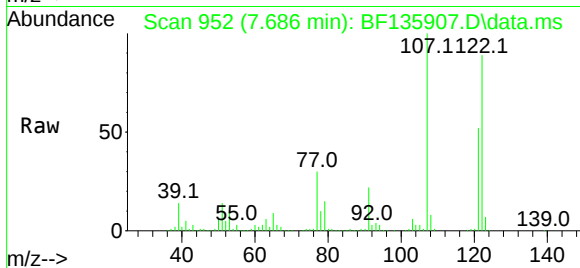
Ion	Ratio	Lower	Upper
122	100		
107	112.3	88.2	132.4
121	57.9	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.648 ng

RT: 7.769 min Scan# 966

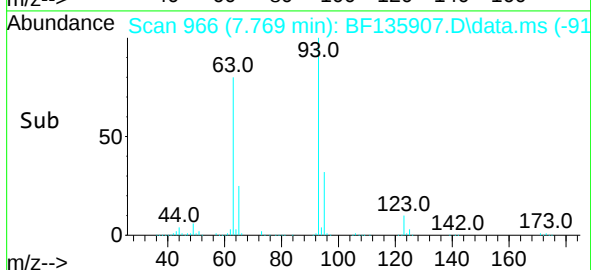
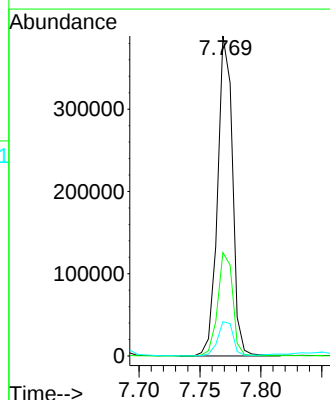
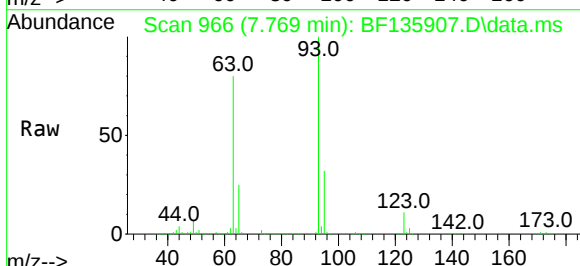
Delta R.T. -0.012 min

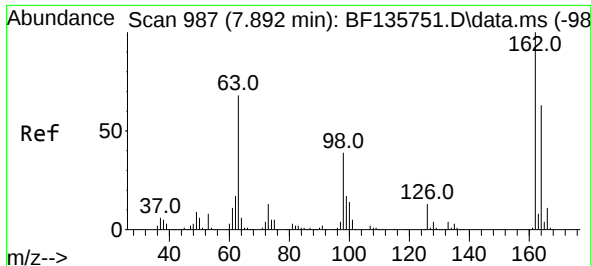
Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion: 93 Resp: 331897

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	10.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 46.910 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

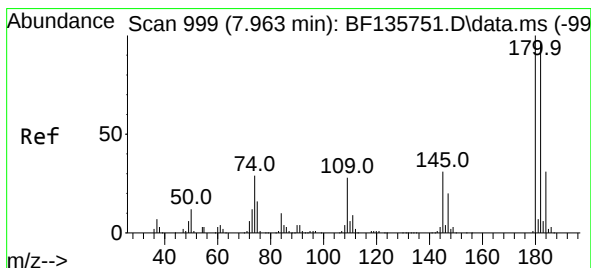
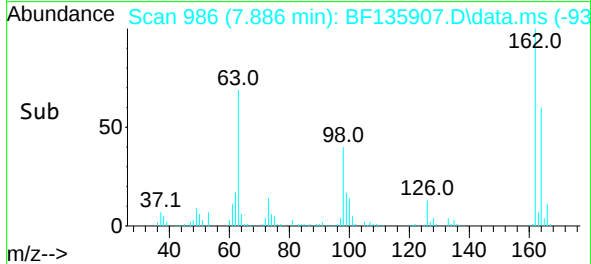
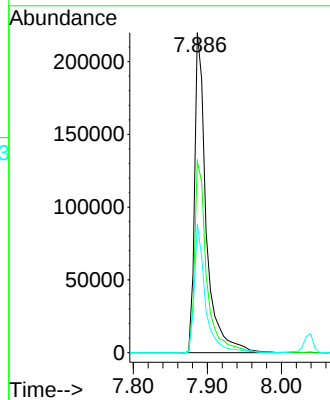
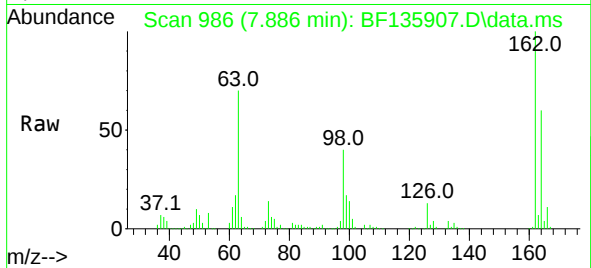
Tgt Ion:162 Resp: 239897
 Ion Ratio Lower Upper
 162 100
 164 59.8 43.4 83.4
 98 40.2 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.882 ng

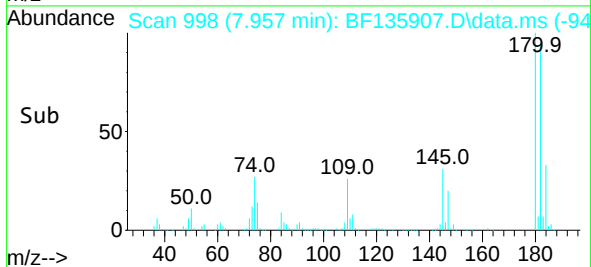
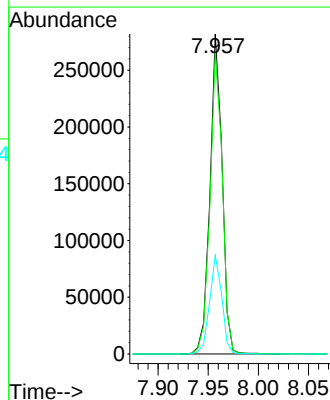
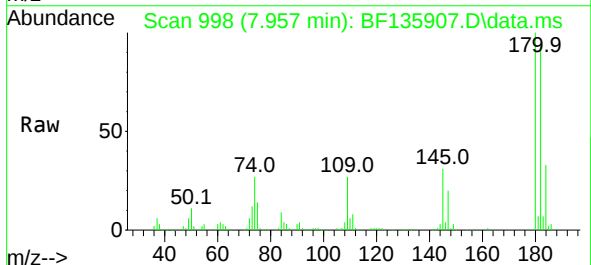
RT: 7.957 min Scan# 998

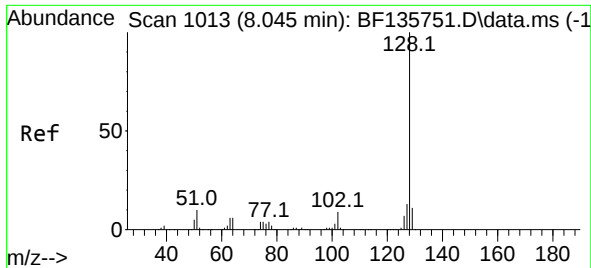
Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion:180 Resp: 239984
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 145 30.8 25.0 37.6





#31
Naphthalene
Concen: 41.172 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

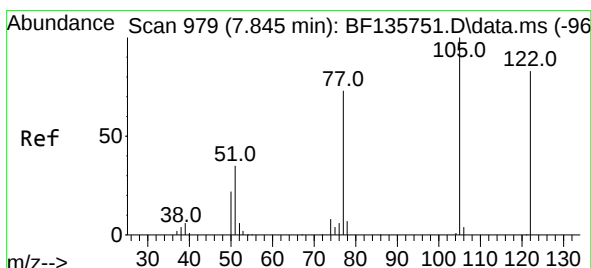
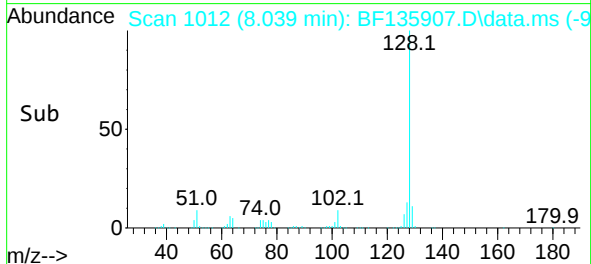
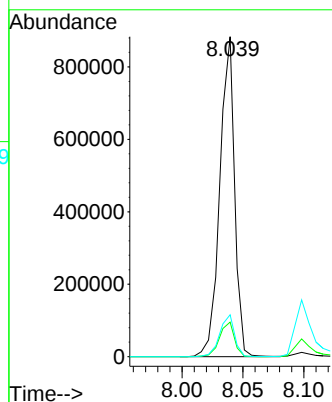
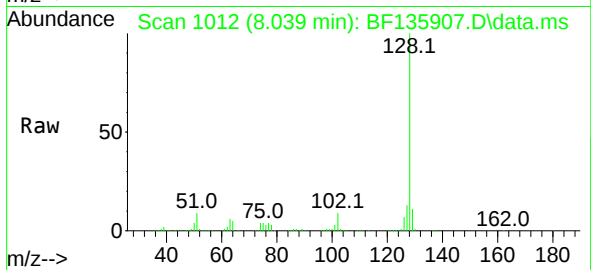
PB156209BSD

Tgt Ion:128 Resp: 747518
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.2 15.4

Manual Integrations

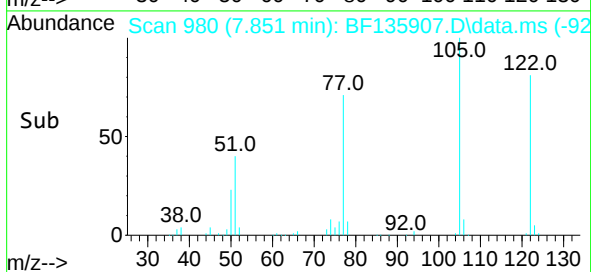
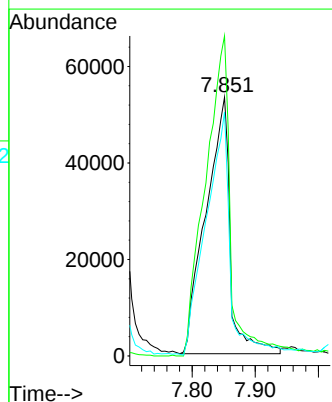
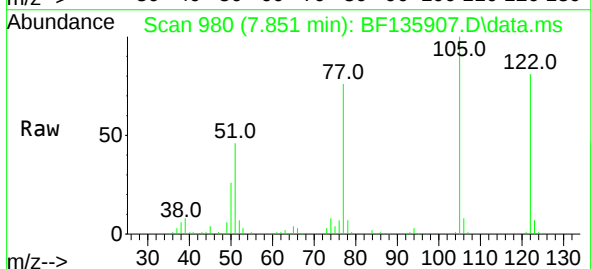
APPROVED

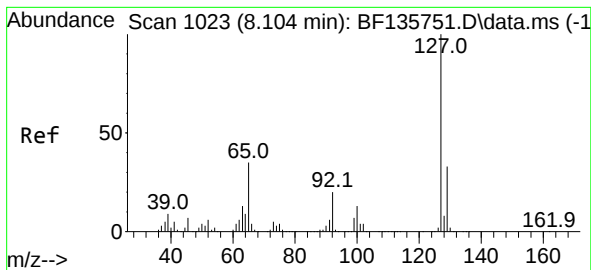
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#32
Benzoic acid
Concen: 38.672 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:122 Resp: 142849
Ion Ratio Lower Upper
122 100
105 123.7 98.7 138.7
77 94.3 67.8 107.8





#33
4-Chloroaniline
Concen: 20.295 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

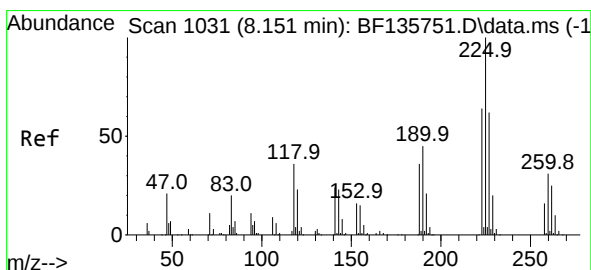
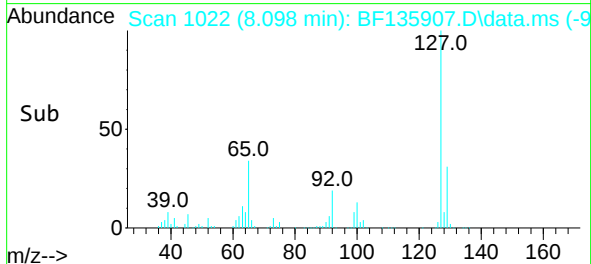
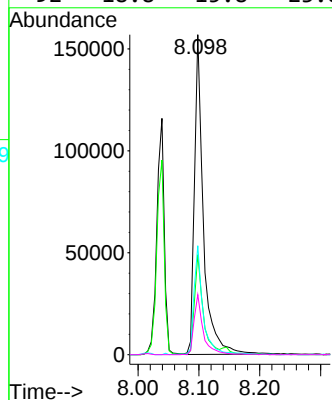
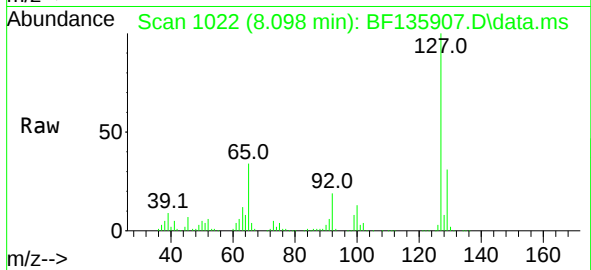
PB156209BSD

Tgt Ion:127 Resp: 16096
Ion Ratio Lower Upper
127 100
129 31.2 26.5 39.7
65 34.1 27.9 41.9
92 18.8 15.8 23.8

Manual Integrations

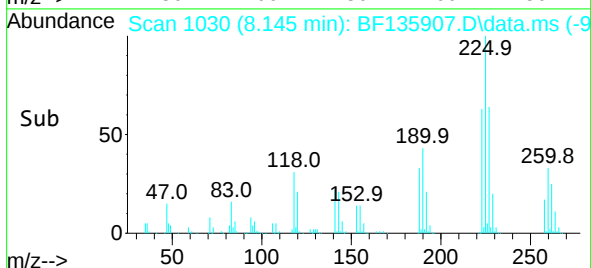
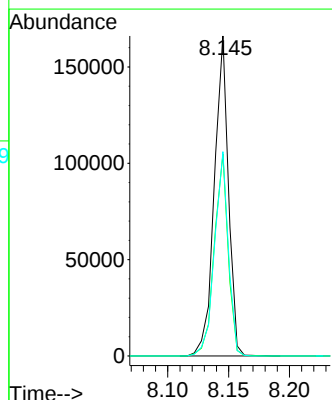
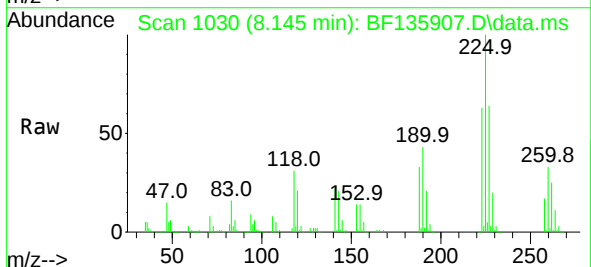
APPROVED

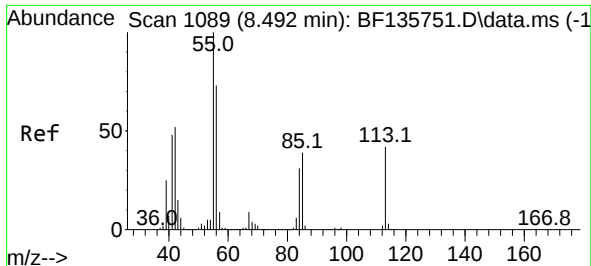
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#34
Hexachlorobutadiene
Concen: 43.339 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

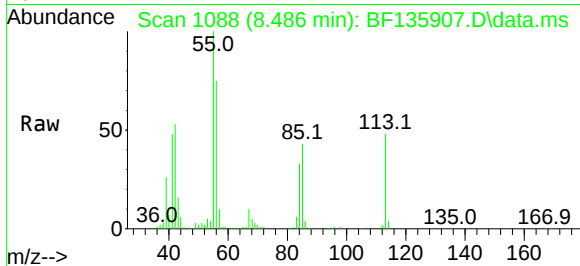
Tgt Ion:225 Resp: 134178
Ion Ratio Lower Upper
225 100
223 63.1 51.1 76.7
227 63.9 49.7 74.5





#35
Caprolactam
Concen: 41.947 ng m
RT: 8.486 min Scan# 1088
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

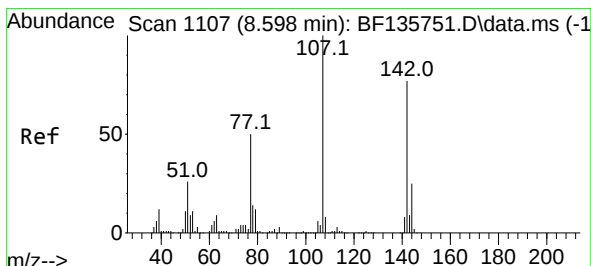
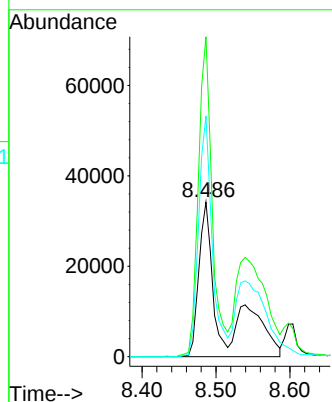
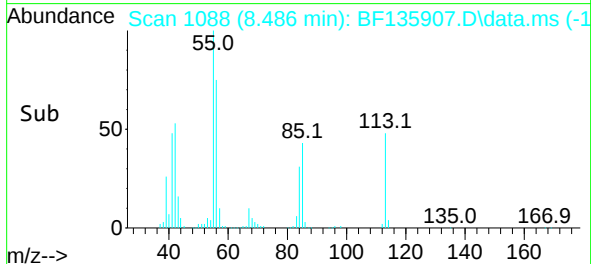
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion:113 Resp: 73334
Ion Ratio Lower Upper
113 100
55 207.1 217.4 257.4
56 155.8 153.1 193.1

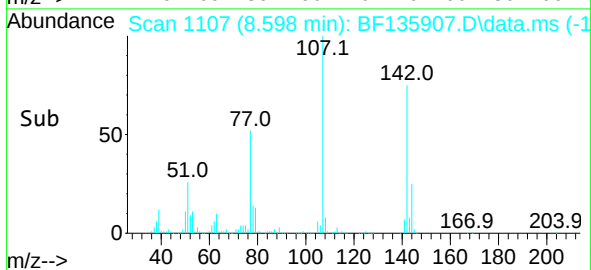
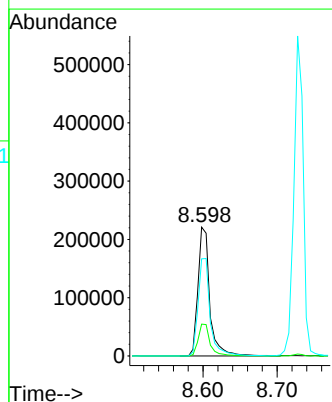
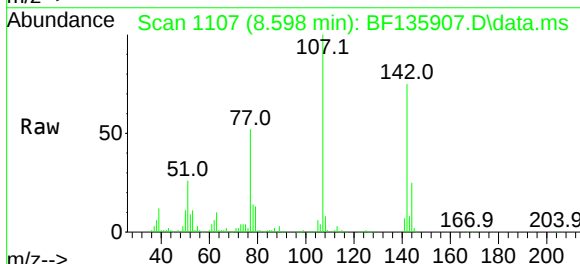
Manual Integrations
APPROVED

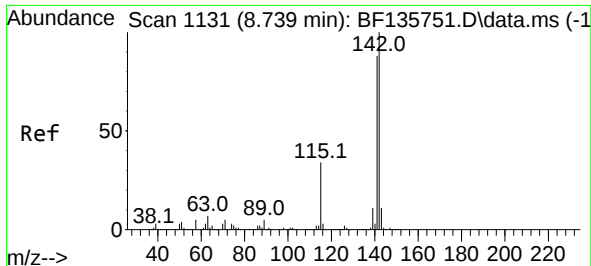
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#36
4-Chloro-3-methylphenol
Concen: 43.119 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:107 Resp: 244537
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.8
142 75.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 40.122 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion:142 Resp: 479940

Ion Ratio Lower Upper

142 100

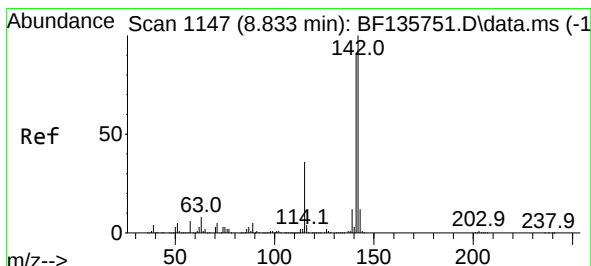
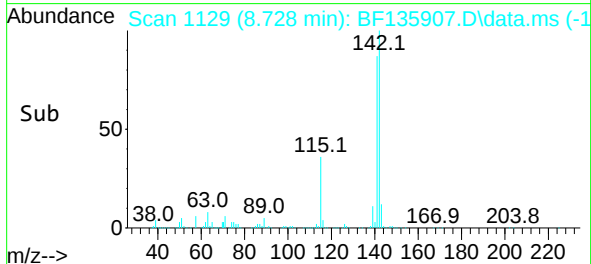
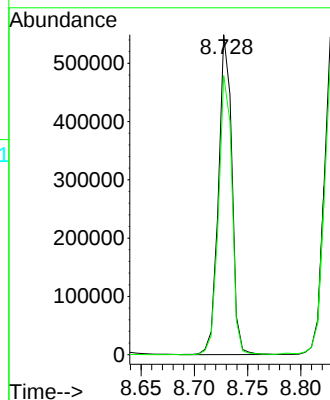
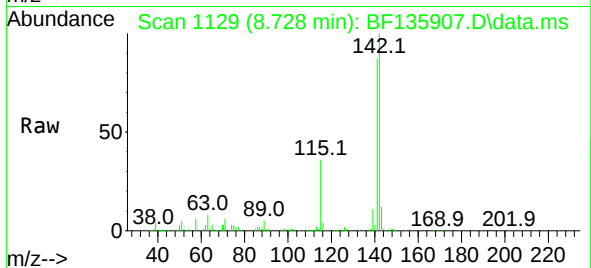
141 87.2 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#38

1-Methylnaphthalene

Concen: 41.144 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF135907.D

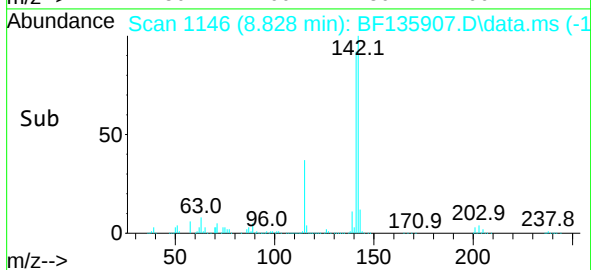
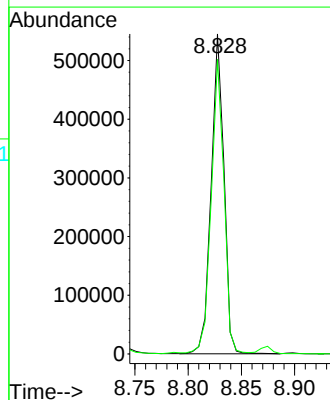
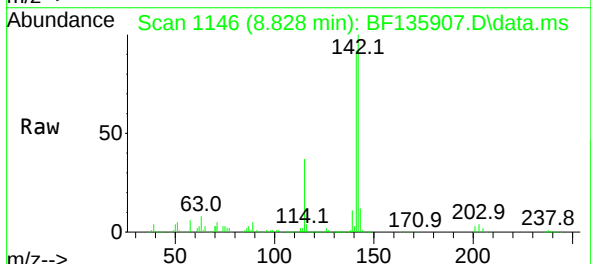
Acq: 20 Oct 2023 14:31

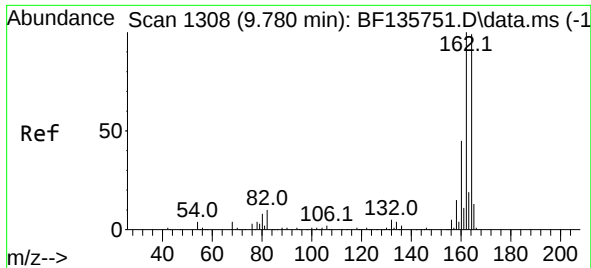
Tgt Ion:142 Resp: 453944

Ion Ratio Lower Upper

142 100

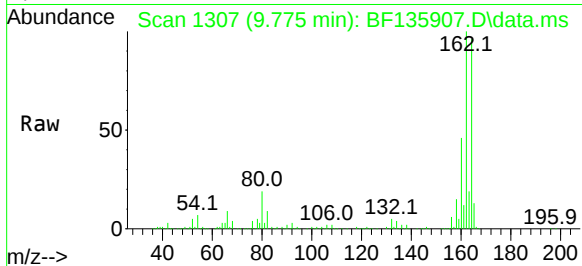
141 92.0 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

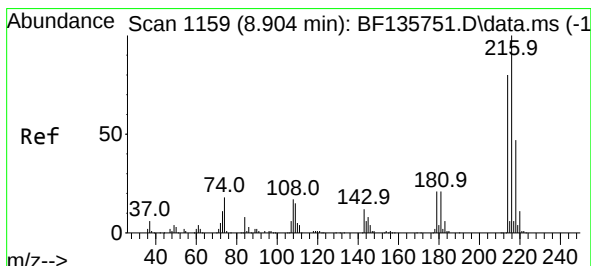
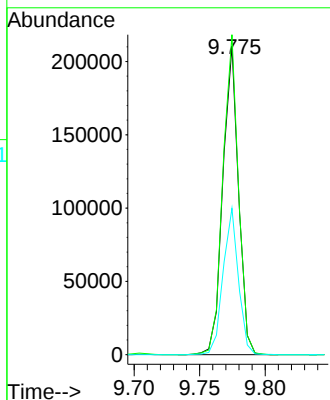
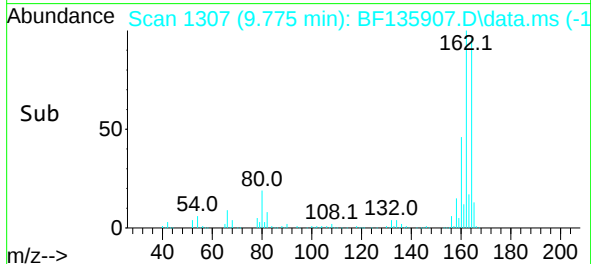
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



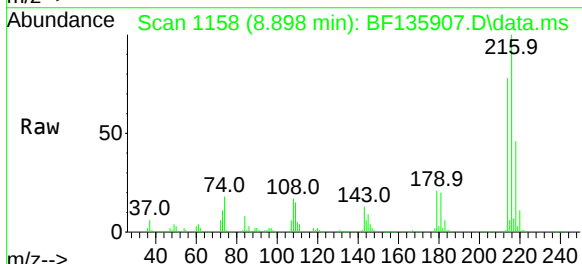
Tgt Ion:164 Resp: 17434
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 47.5 36.6 54.8

Manual Integrations
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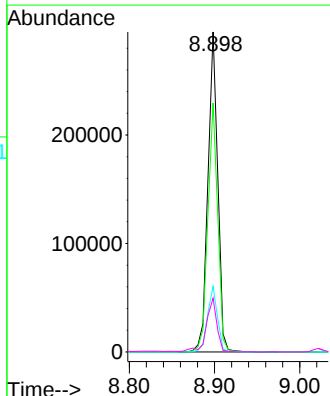
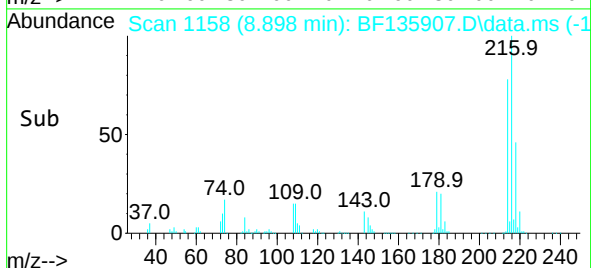
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

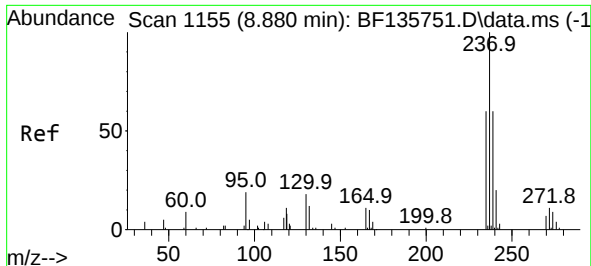


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.004 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:216 Resp: 235735
Ion Ratio Lower Upper
216 100
214 78.0 64.0 96.0
179 20.8 16.9 25.3
108 18.0 14.4 21.6





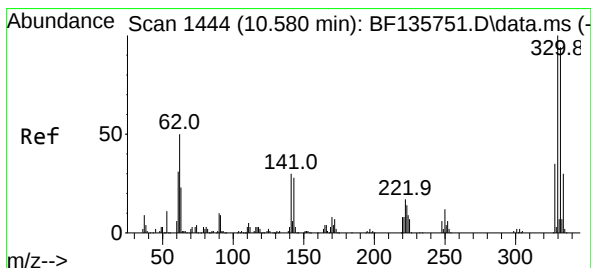
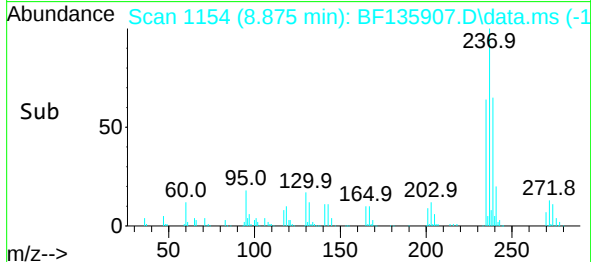
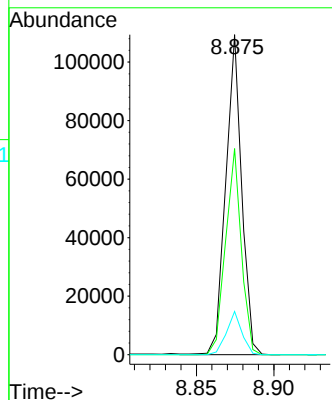
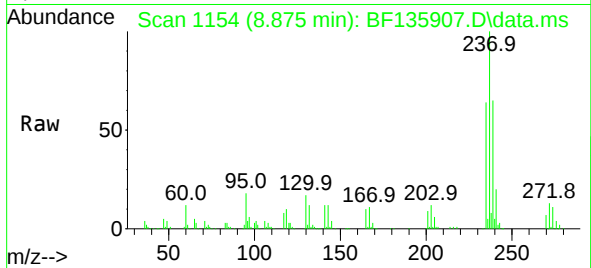
#41
Hexachlorocyclopentadiene
Concen: 77.528 ng
RT: 8.875 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB156209BSD

Tgt Ion:237 Resp: 78150
Ion Ratio Lower Upper
237 100
235 64.4 40.0 80.0
272 13.5 0.0 30.9

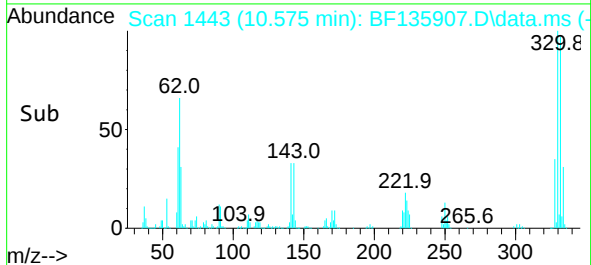
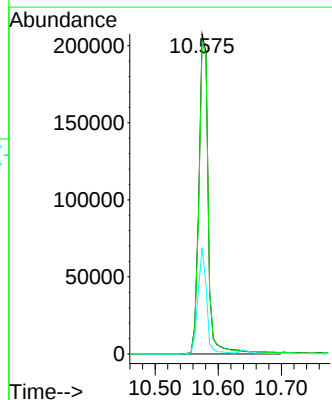
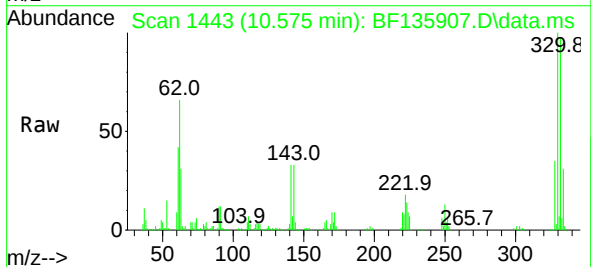
Manual Integrations
APPROVED

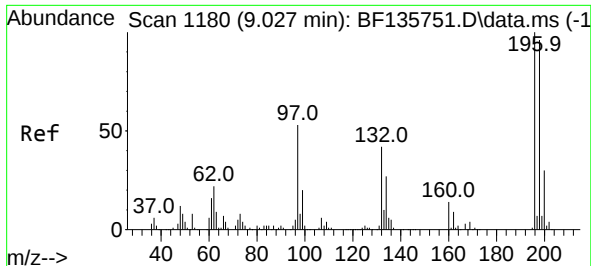
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#42
2,4,6-Tribromophenol
Concen: 127.325 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

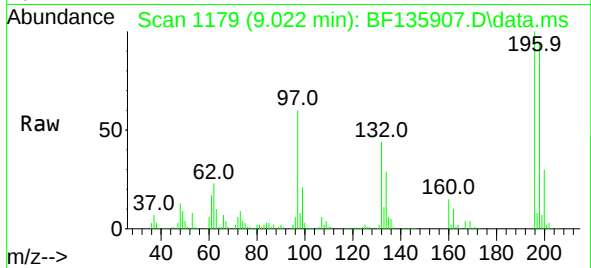
Tgt Ion:330 Resp: 213014
Ion Ratio Lower Upper
330 100
332 97.3 75.0 112.4
141 30.5 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 45.417 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

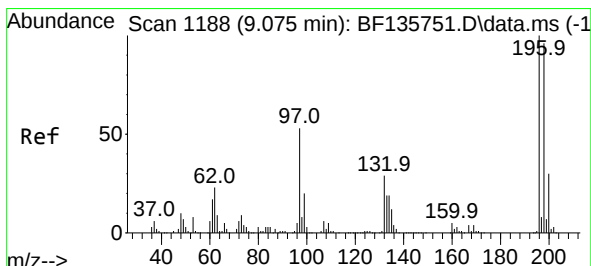
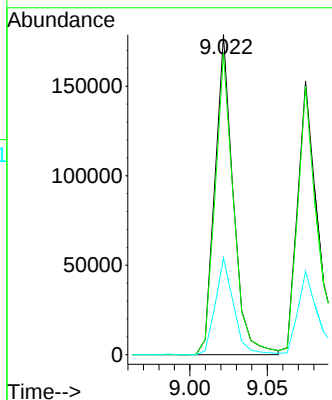
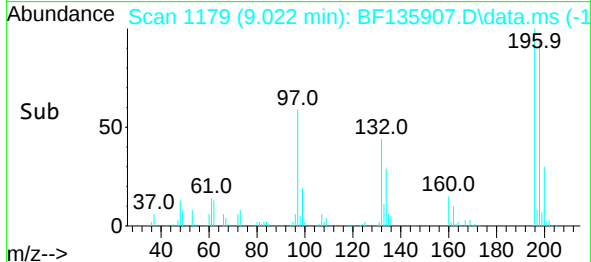
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion:196 Resp: 146780
Ion Ratio Lower Upper
196 100
198 94.2 76.7 115.1
200 30.2 24.2 36.4

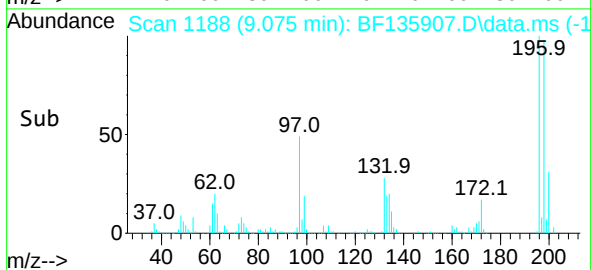
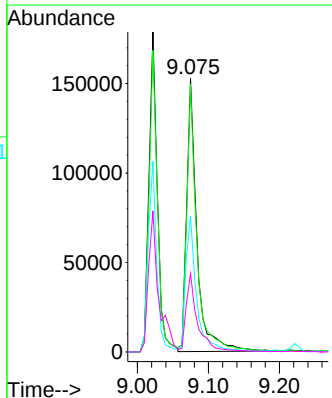
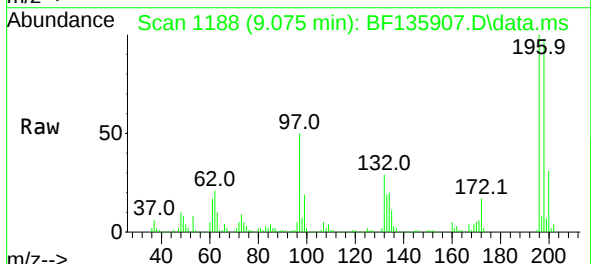
Manual Integrations
APPROVED

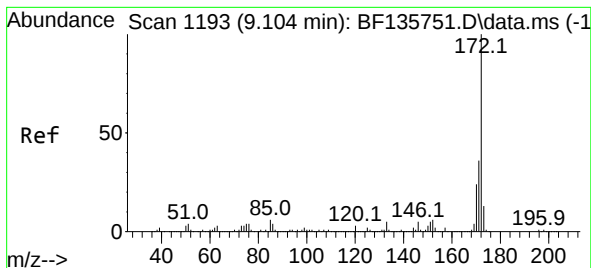
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#44
2,4,5-Trichlorophenol
Concen: 40.878 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:196 Resp: 153657
Ion Ratio Lower Upper
196 100
198 98.1 77.0 115.6
97 49.7 42.2 63.2
132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.787 ng

RT: 9.098 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

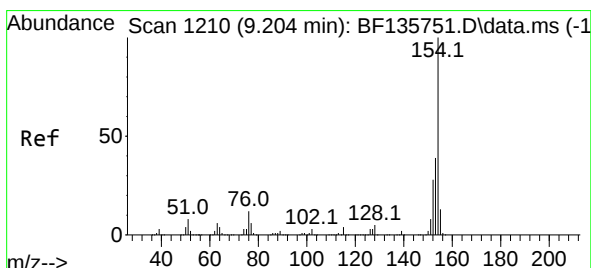
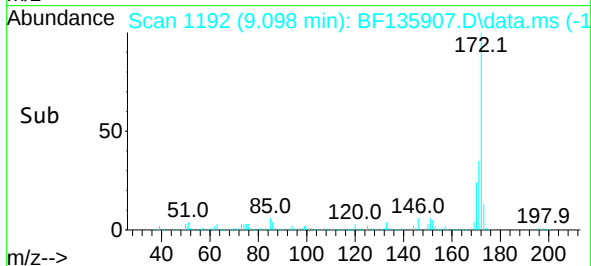
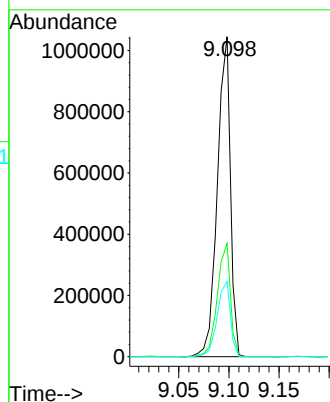
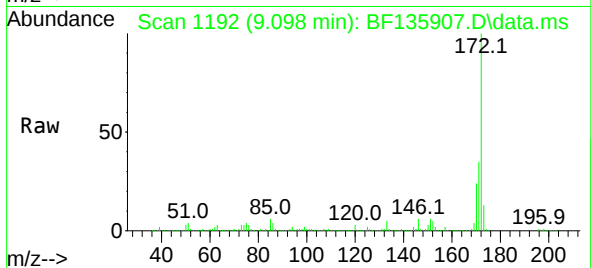
Tgt Ion:172 Resp: 945456
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#46

1,1'-Biphenyl

Concen: 41.592 ng

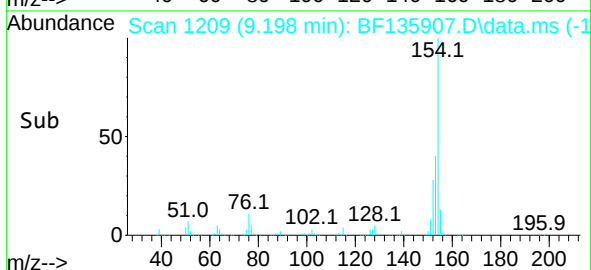
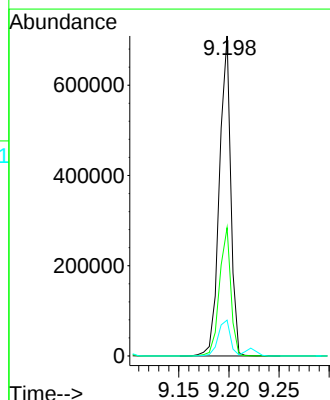
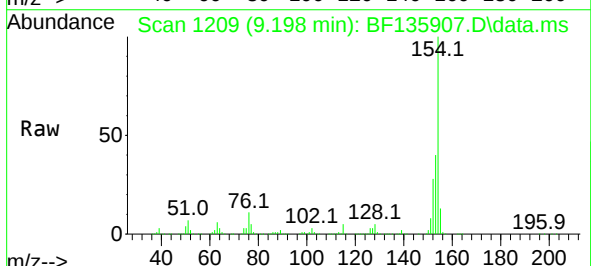
RT: 9.198 min Scan# 1209

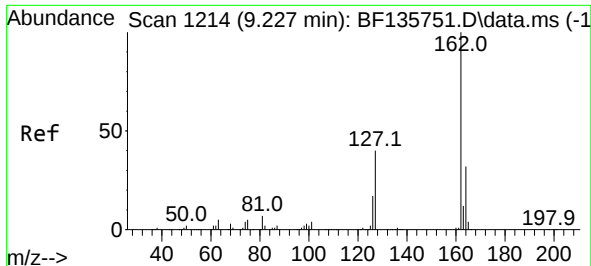
Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion:154 Resp: 555477
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.4 59.4
 76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.984 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion:162 Resp: 413729

Ion Ratio Lower Upper

162 100

127 44.0 34.7 52.1

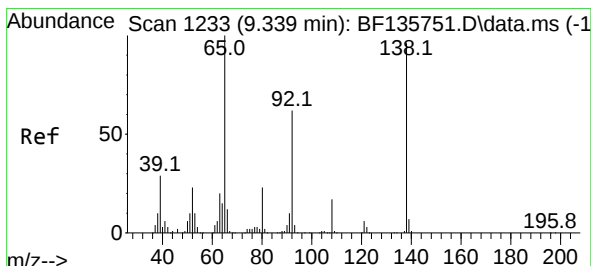
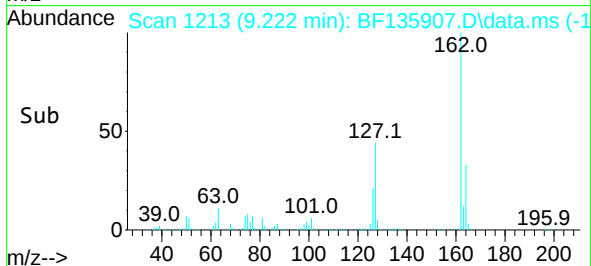
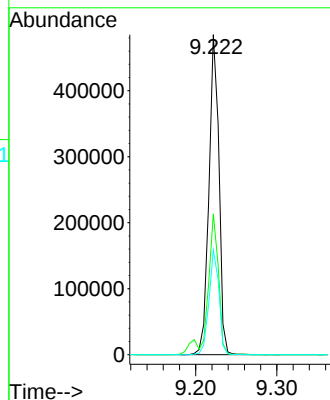
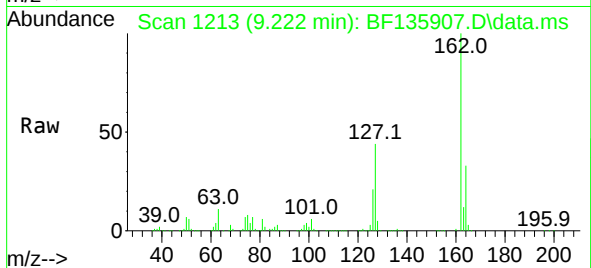
164 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#48

2-Nitroaniline

Concen: 36.582 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

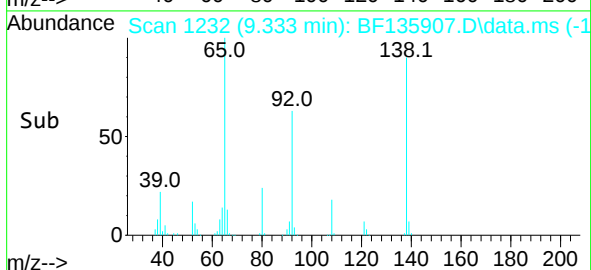
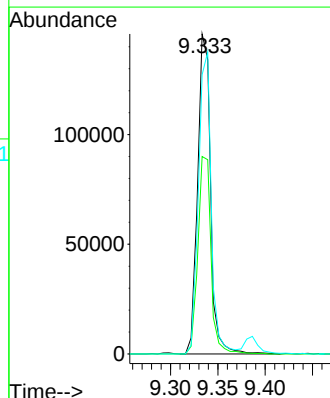
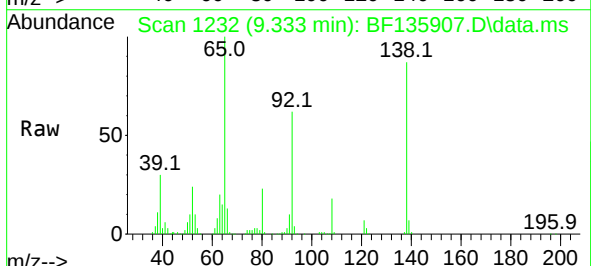
Tgt Ion: 65 Resp: 138983

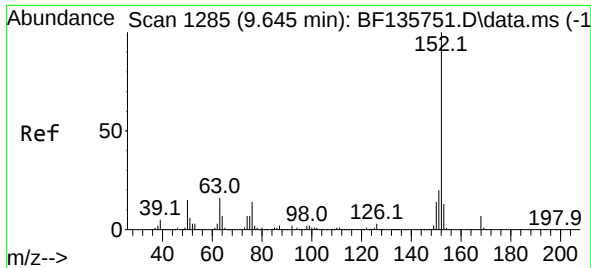
Ion Ratio Lower Upper

65 100

92 61.7 49.4 74.0

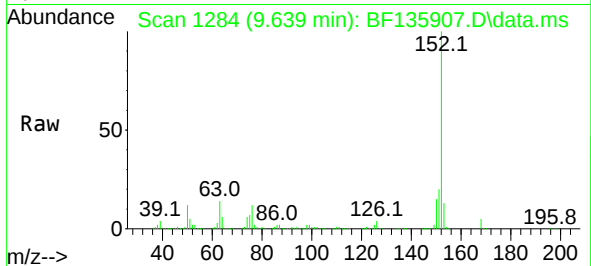
138 87.2 76.6 114.8





#49
Acenaphthylene
Concen: 42.990 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

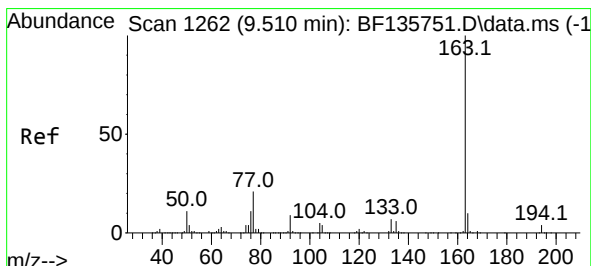
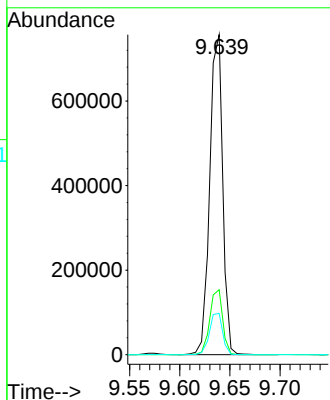
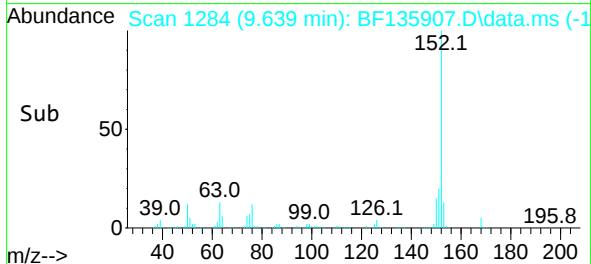
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



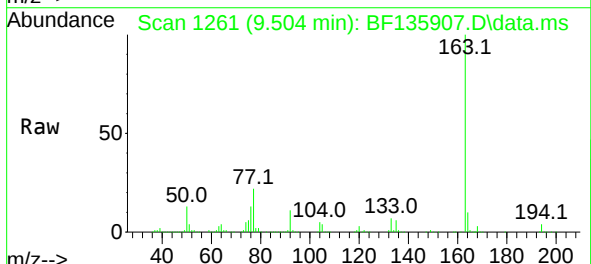
Tgt Ion:152 Resp: 684760
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 12.9 10.2 15.4

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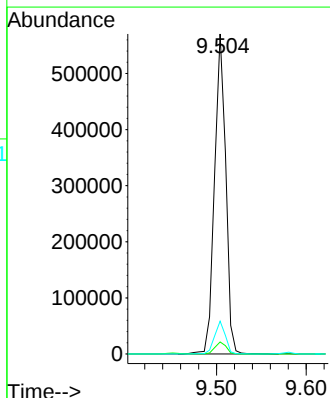
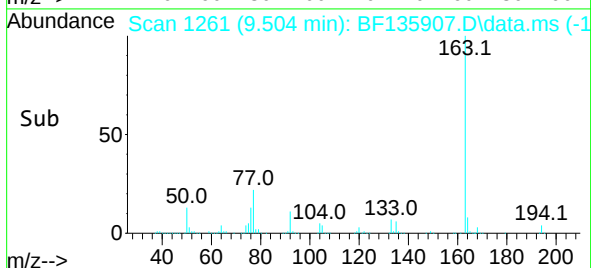
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

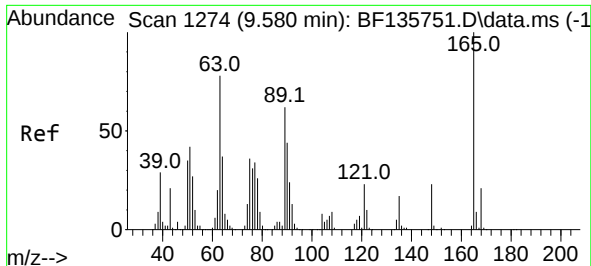


#50
Dimethylphthalate
Concen: 42.015 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:163 Resp: 494499
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 42.997 ng

RT: 9.580 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

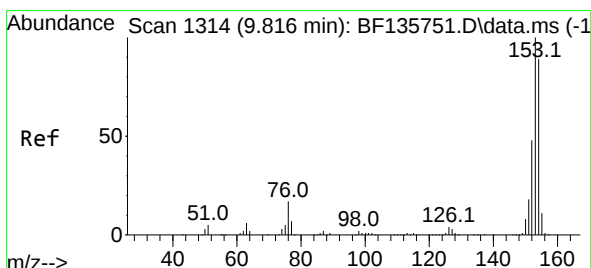
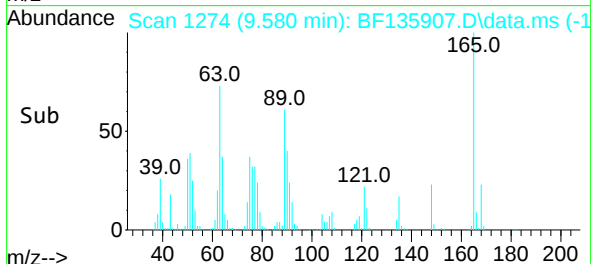
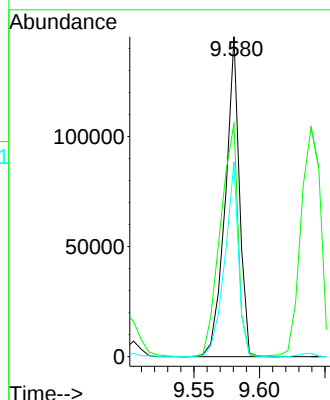
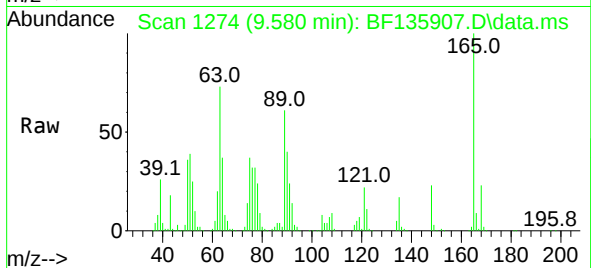
PB156209BSD

Tgt Ion:165 Resp: 108824
 Ion Ratio Lower Upper
 165 100
 63 72.8 62.2 93.4
 89 60.8 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023



#52

Acenaphthene

Concen: 42.339 ng

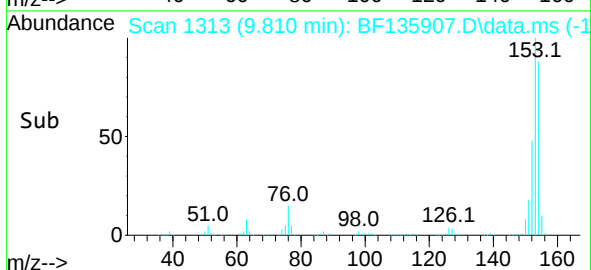
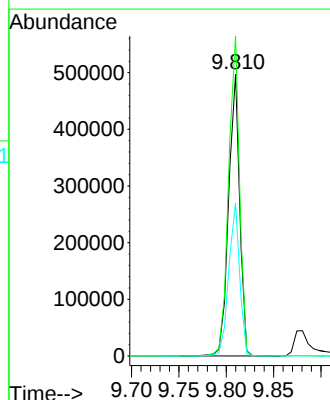
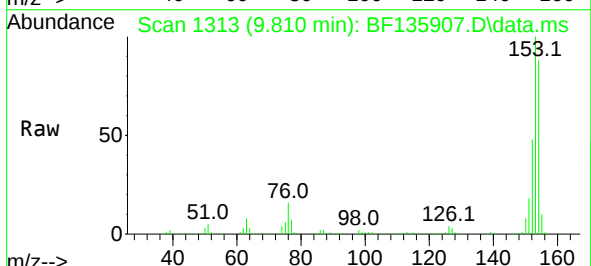
RT: 9.810 min Scan# 1313

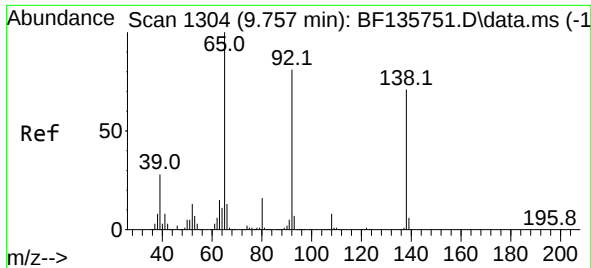
Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion:154 Resp: 404216
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.1 135.1
 152 54.2 43.1 64.7





#53
3-Nitroaniline
Concen: 31.841 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

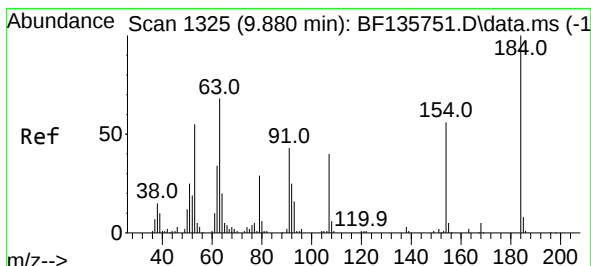
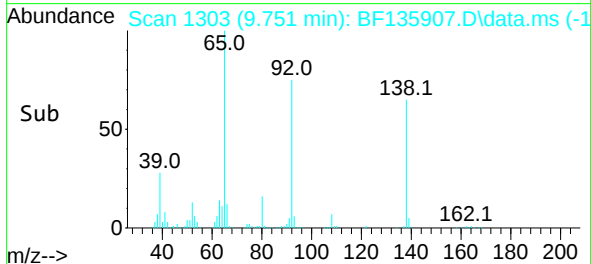
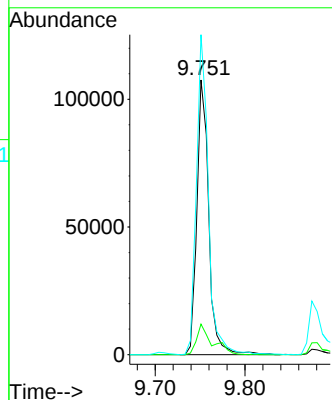
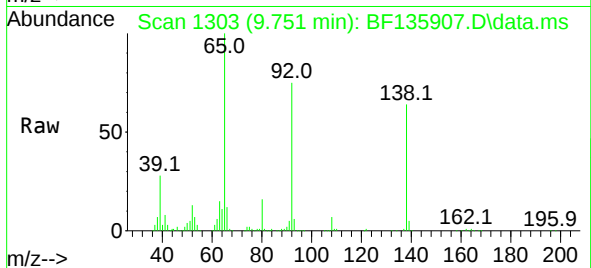
ClientSampleId :

PB156209BSD

Tgt Ion:138 Resp: 9879
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 116.5 91.3 136.9

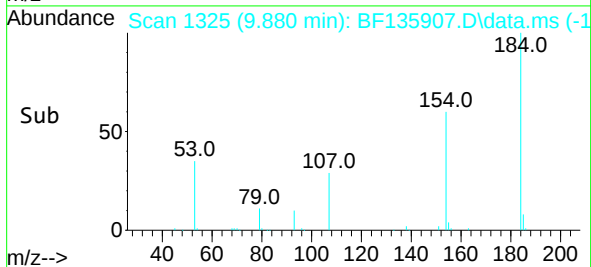
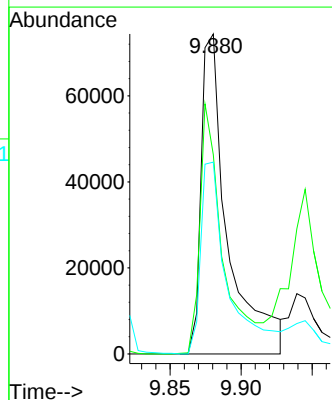
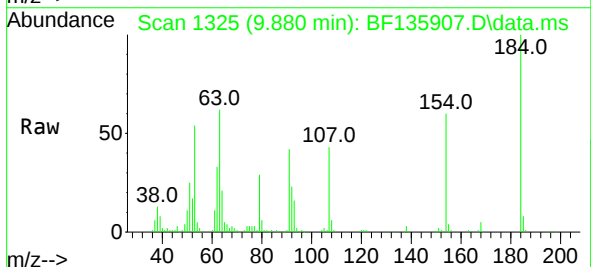
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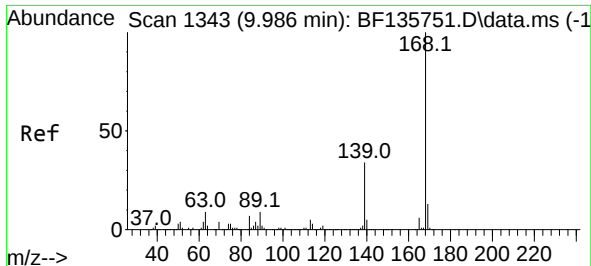
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#54
2,4-Dinitrophenol
Concen: 91.885 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:184 Resp: 97077
Ion Ratio Lower Upper
184 100
63 62.3 54.6 81.8
154 60.0 45.0 67.4





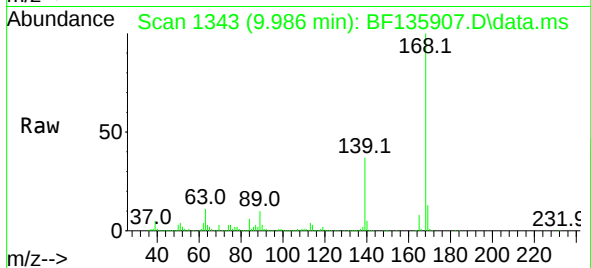
#55
Dibenzofuran
Concen: 42.981 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

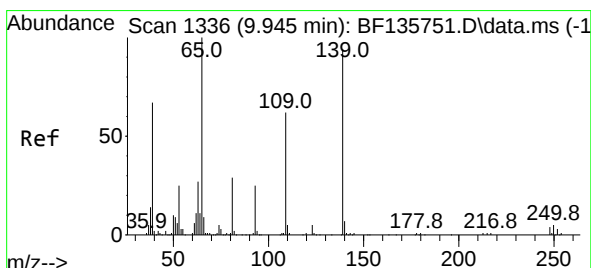
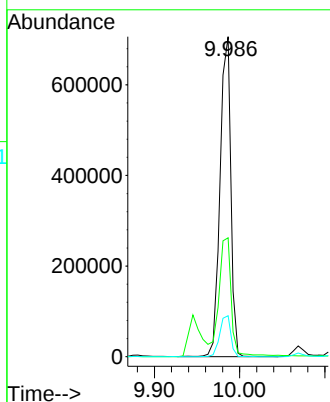
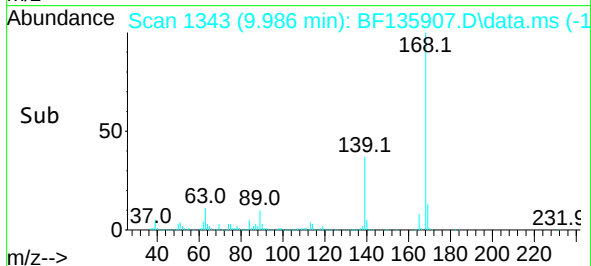


Tgt Ion:168 Resp: 61916
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.4
169 12.8 10.7 16.1

Manual Integrations

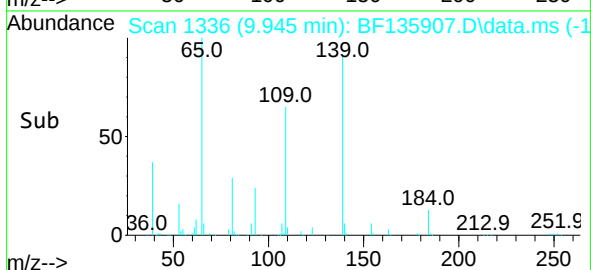
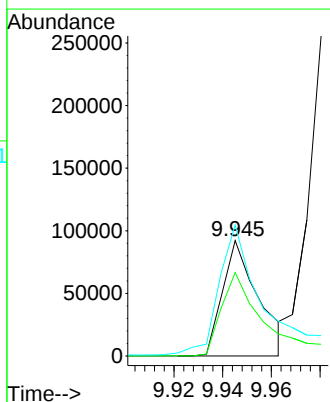
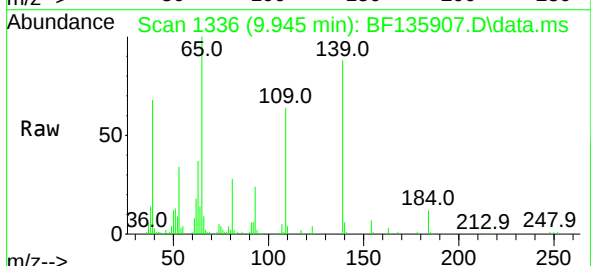
APPROVED

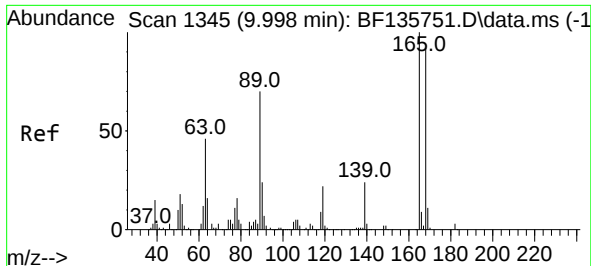
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#56
4-Nitrophenol
Concen: 66.978 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:139 Resp: 93850
Ion Ratio Lower Upper
139 100
109 72.4 45.6 85.6
65 113.5 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 45.939 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135907.D

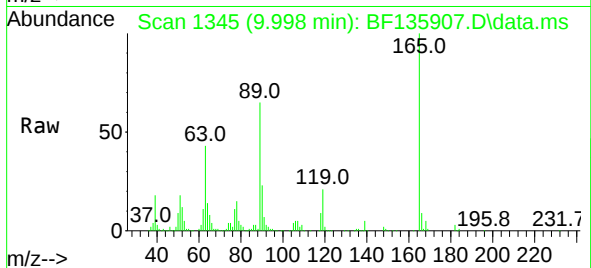
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD



Tgt Ion:165 Resp: 14792

Ion Ratio Lower Upper

165 100

63 43.0 39.0 58.4

89 65.0 55.9 83.9

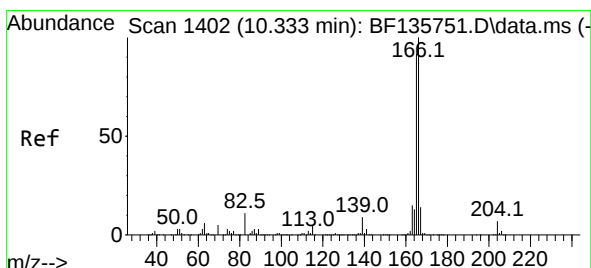
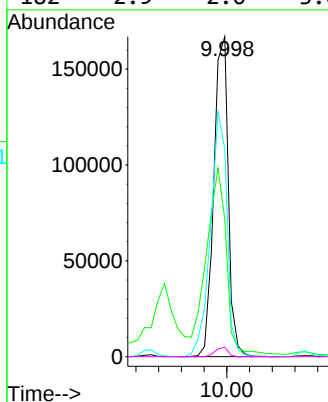
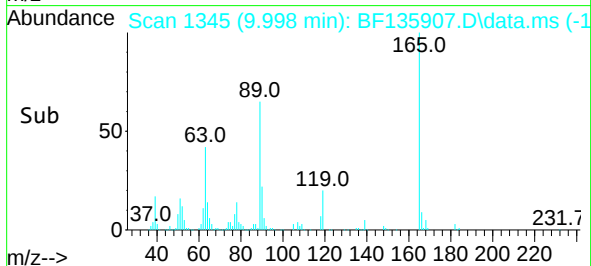
182 2.9 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#58

Fluorene

Concen: 43.363 ng

RT: 10.327 min Scan# 1401

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

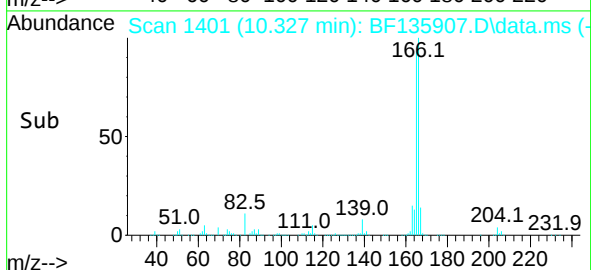
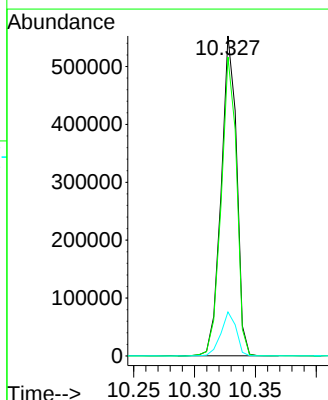
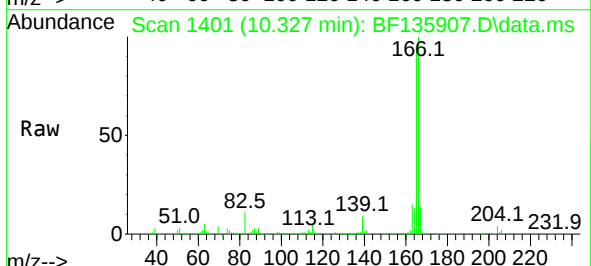
Tgt Ion:166 Resp: 489026

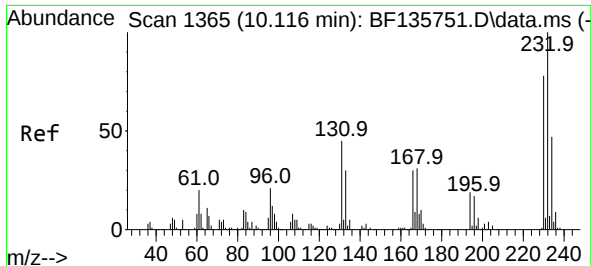
Ion Ratio Lower Upper

166 100

165 93.4 73.4 110.0

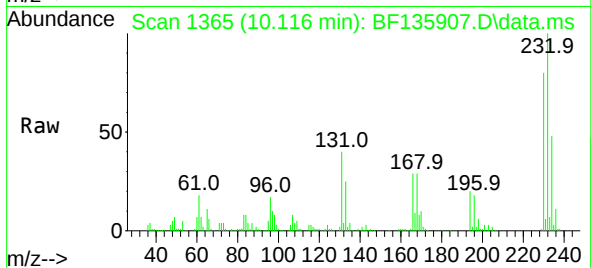
167 13.8 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.666 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

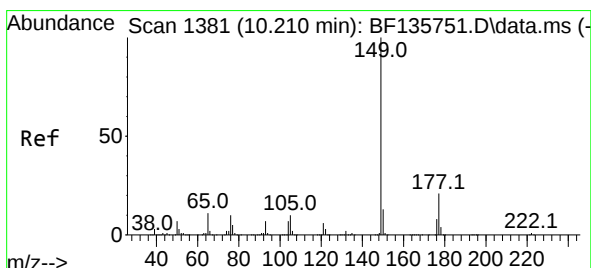
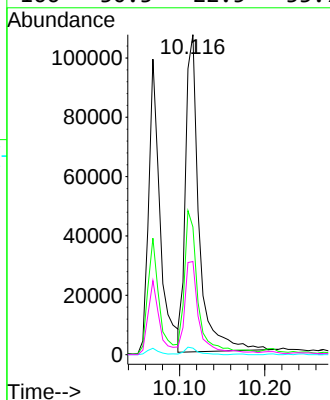
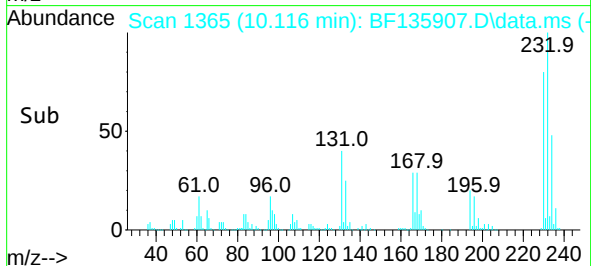
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion:232 Resp: 11836
Ion Ratio Lower Upper
232 100
131 44.4 35.8 53.6
130 2.3 1.9 2.9
166 30.3 22.5 33.7

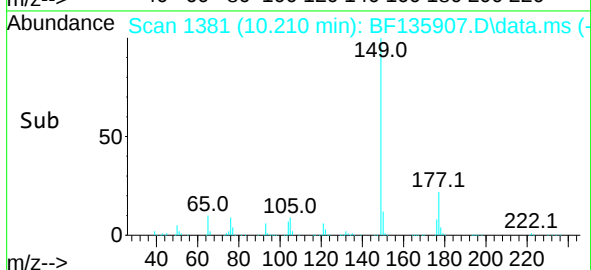
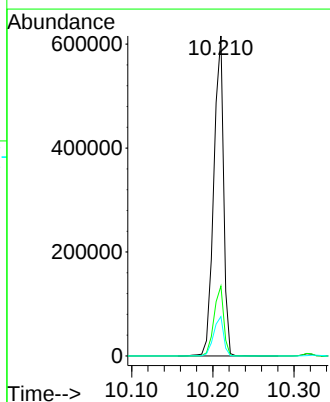
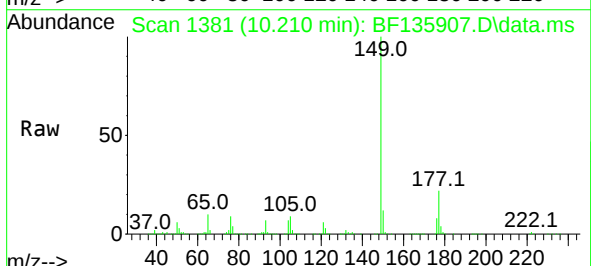
Manual Integrations
APPROVED

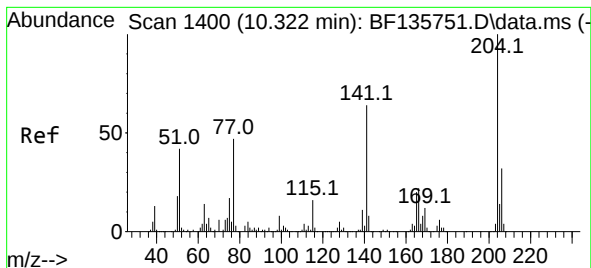
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#60
Diethylphthalate
Concen: 42.855 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

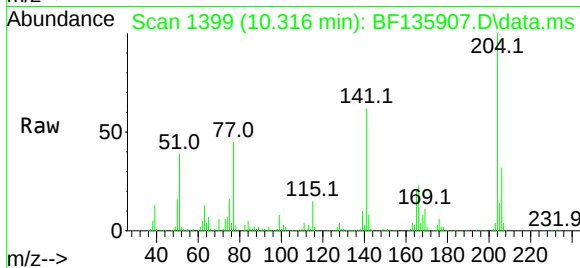
Tgt Ion:149 Resp: 514919
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.520 ng
RT: 10.316 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

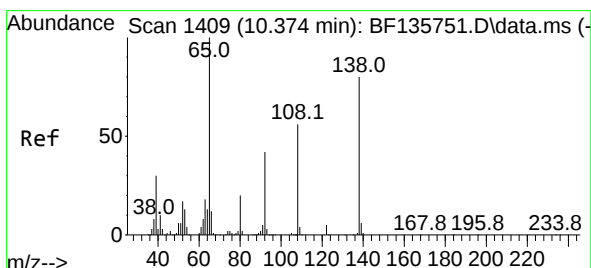
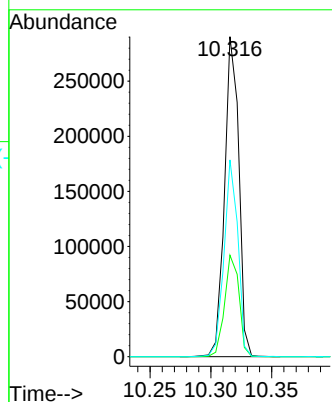
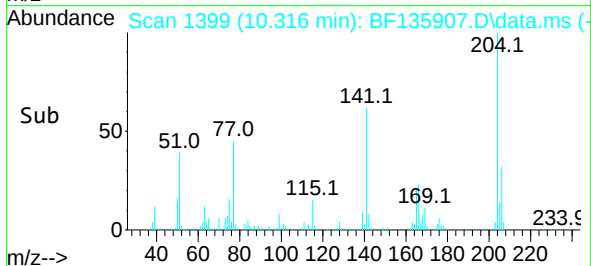
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



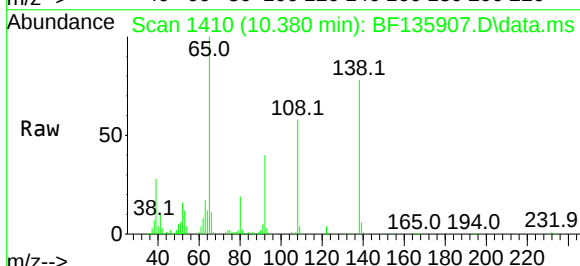
Tgt Ion:204 Resp: 237208
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 61.5 51.4 77.0

Manual Integrations
APPROVED

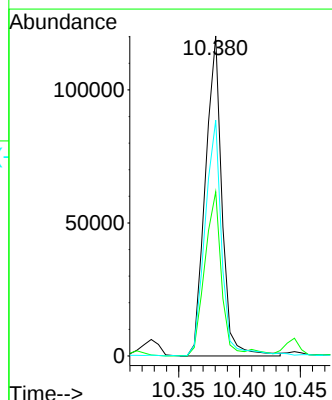
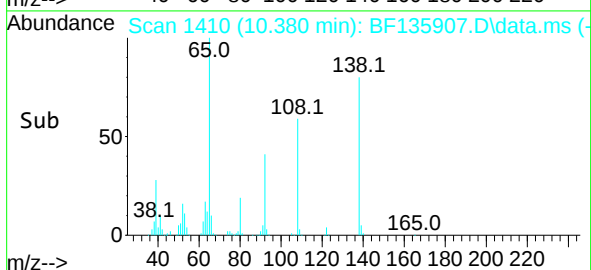
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

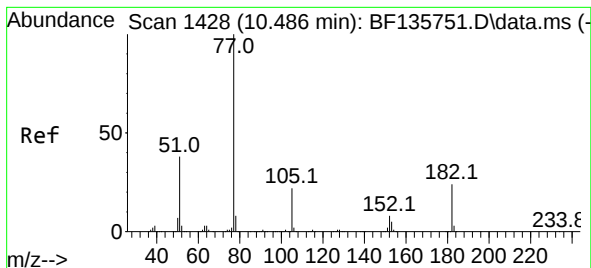


#62
4-Nitroaniline
Concen: 39.881 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:138 Resp: 113846
Ion Ratio Lower Upper
138 100
92 51.3 31.9 71.9
108 73.7 49.7 89.7





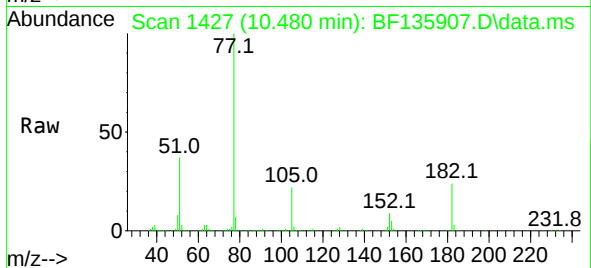
#63
Azobenzene
Concen: 42.349 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

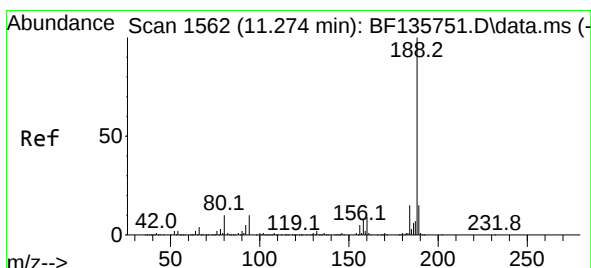
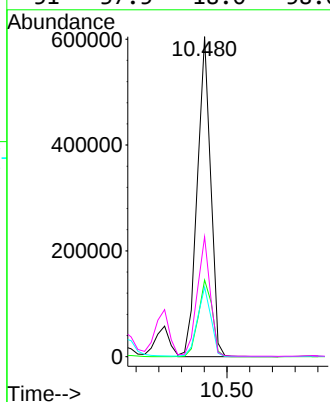
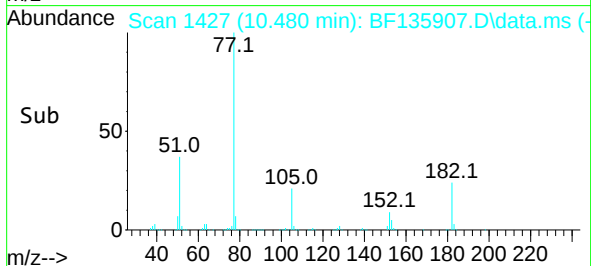


Tgt Ion: 77 Resp: 494360
Ion Ratio Lower Upper
77 100
182 23.9 3.5 43.5
105 21.7 2.2 42.2
51 37.5 18.0 58.0

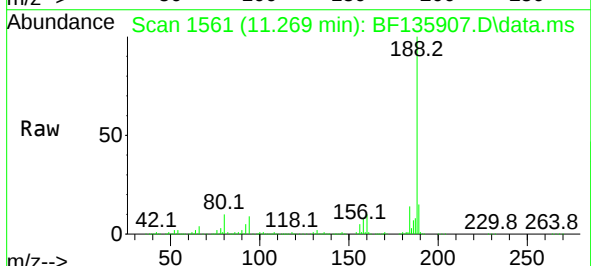
Manual Integrations

APPROVED

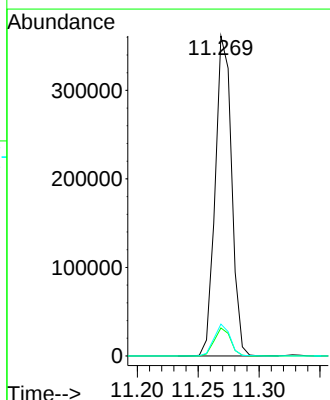
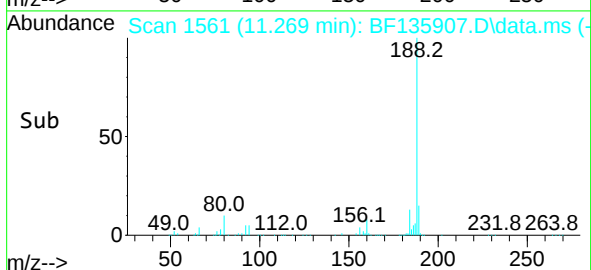
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

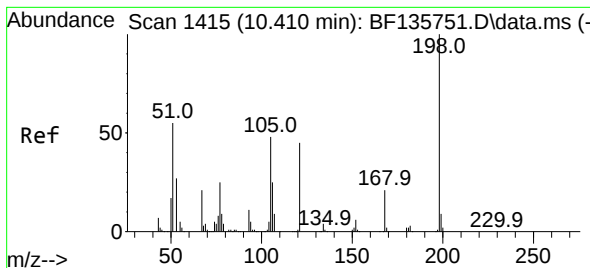


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:188 Resp: 339674
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.0 8.3 12.5





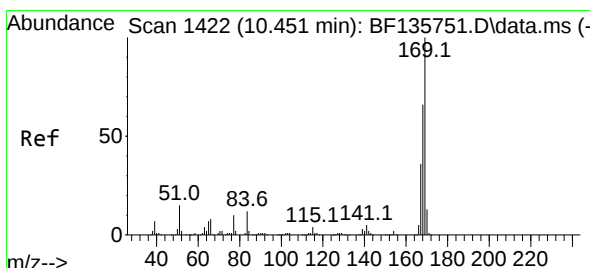
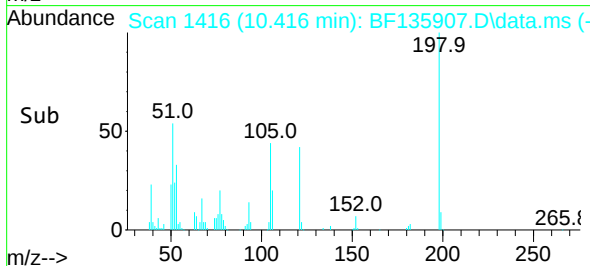
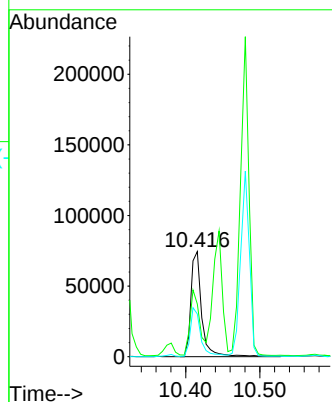
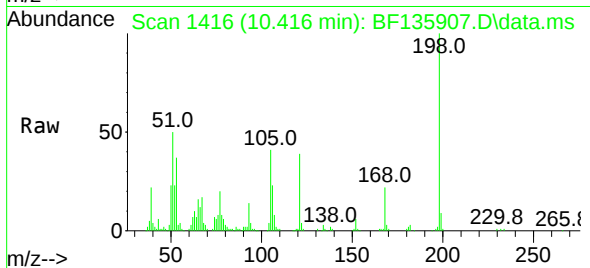
#65
4,6-Dinitro-2-methylphenol
Concen: 44.058 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB156209BSD

Tgt Ion:198 Resp: 75315
Ion Ratio Lower Upper
198 100
51 50.1 47.6 87.6
105 40.6 29.2 69.2

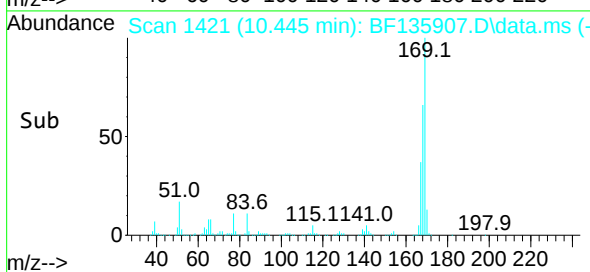
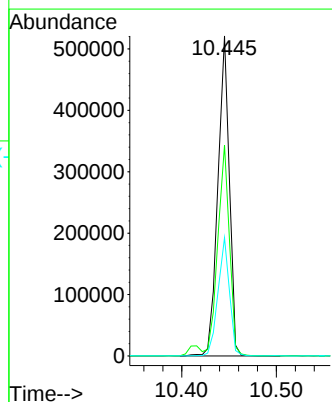
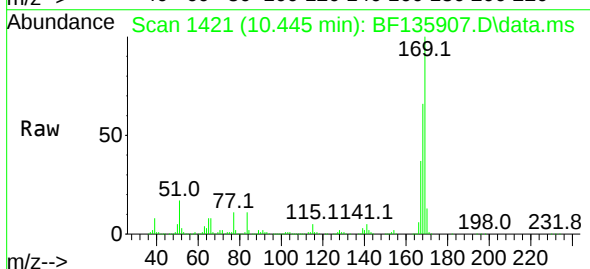
Manual Integrations
APPROVED

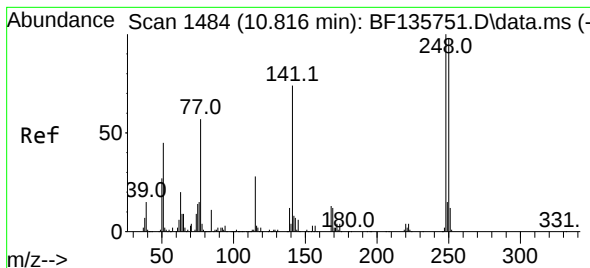
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#66
n-Nitrosodiphenylamine
Concen: 42.600 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

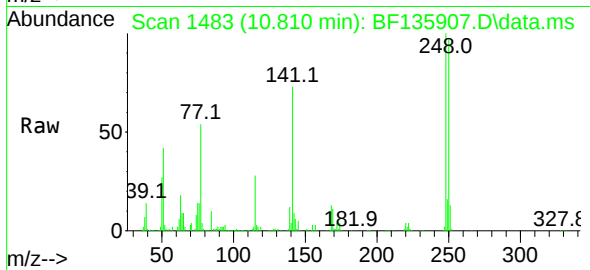
Tgt Ion:169 Resp: 441043
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 37.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.916 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

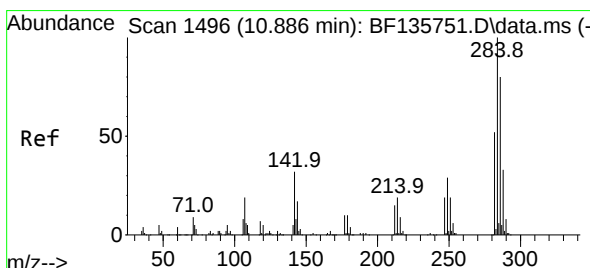
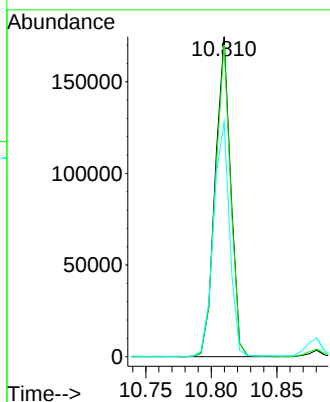
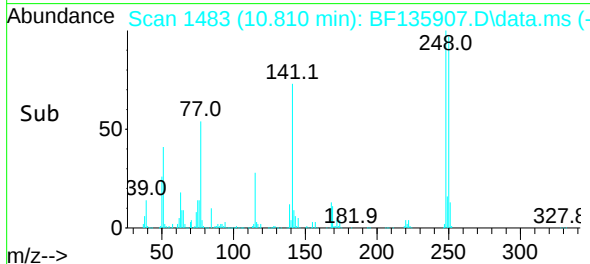
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



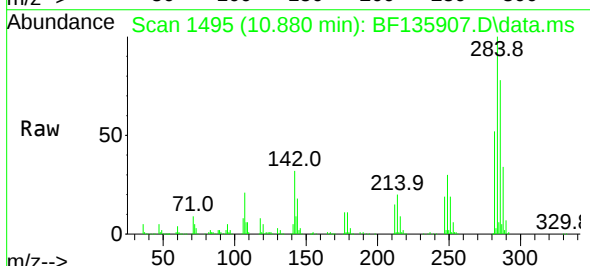
Tgt Ion:248 Resp: 142920
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 73.3 59.0 88.6

Manual Integrations
APPROVED

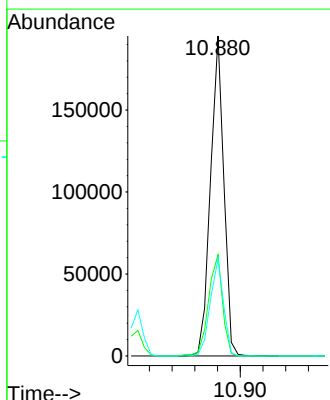
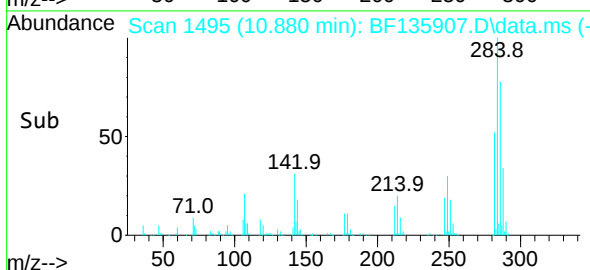
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

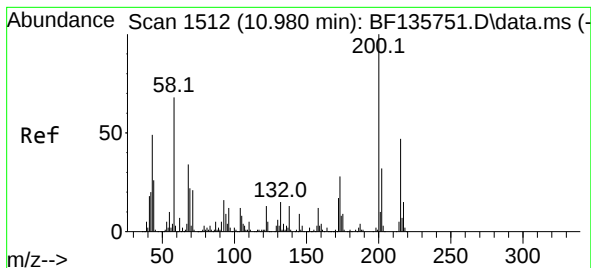


#68
Hexachlorobenzene
Concen: 45.741 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:284 Resp: 158790
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 30.4 23.5 35.3





#69

Atrazine

Concen: 47.611 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135907.D

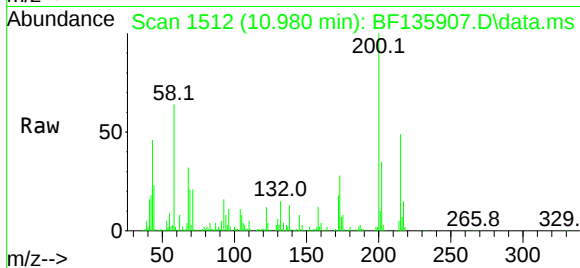
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD



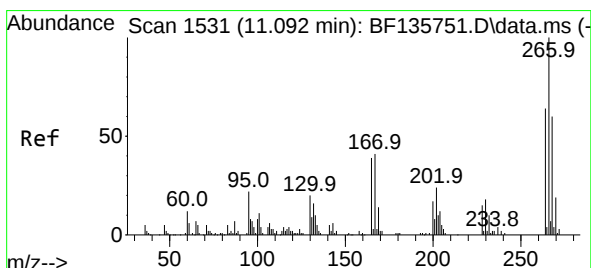
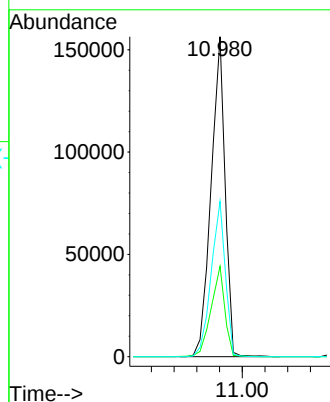
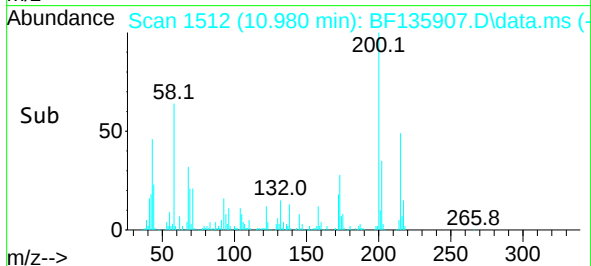
Tgt Ion:	200	Resp:	13407
Ion Ratio	Lower	Upper	
200	100		
173	28.3	7.6	47.6
215	48.5	27.1	67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#70

Pentachlorophenol

Concen: 70.942 ng

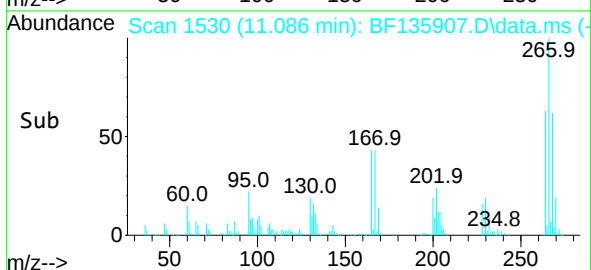
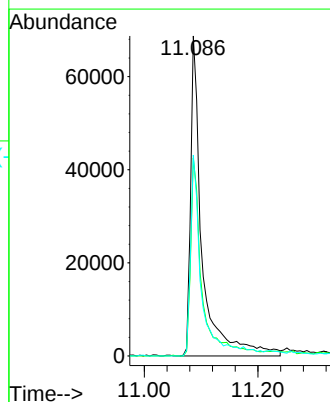
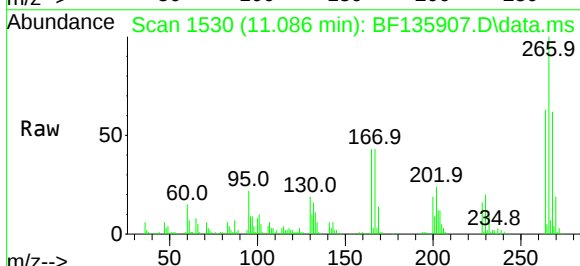
RT: 11.086 min Scan# 1530

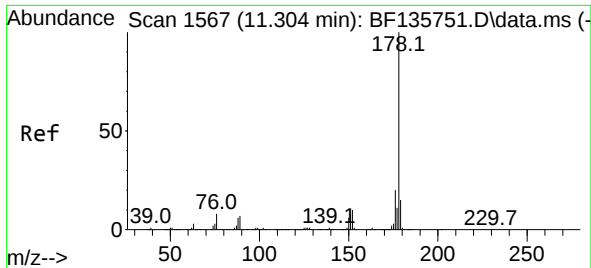
Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

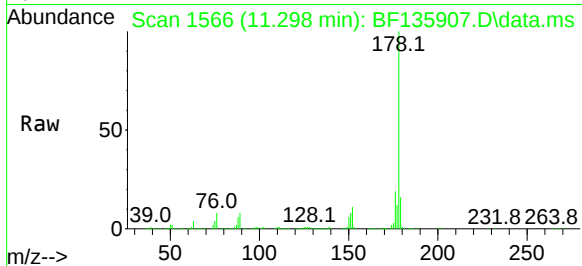
Tgt Ion:	266	Resp:	97132
Ion Ratio	Lower	Upper	
266	100		
268	61.9	47.7	71.5
264	62.8	51.4	77.2





#71
Phenanthrene
Concen: 42.515 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

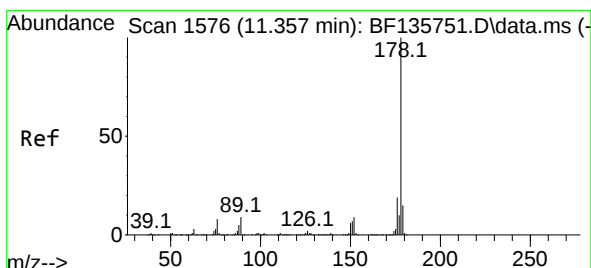
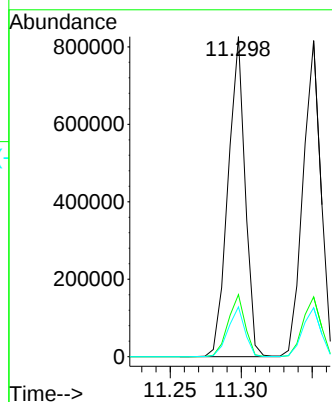
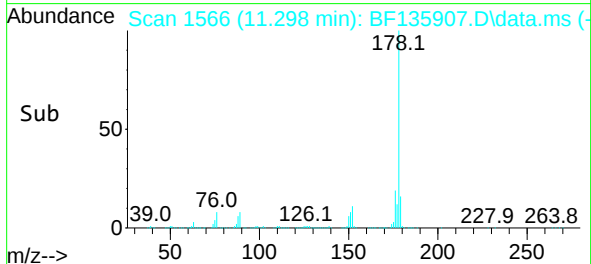
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



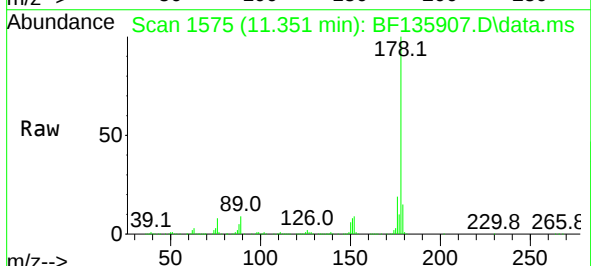
Tgt Ion:178 Resp: 691807
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.2 18.4

Manual Integrations
APPROVED

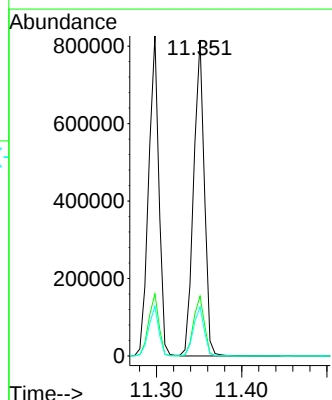
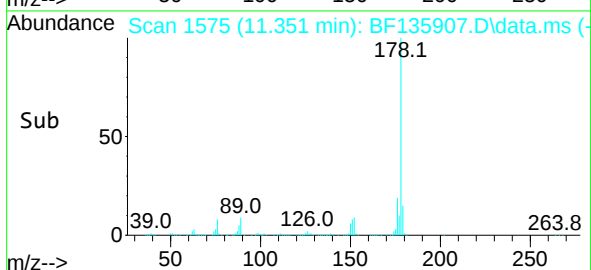
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

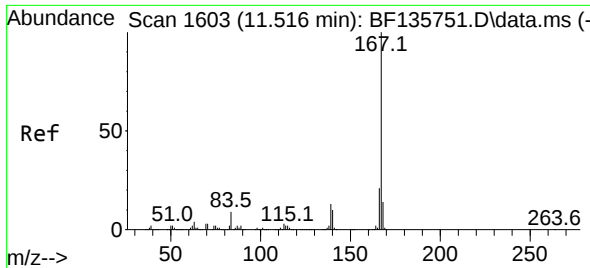


#72
Anthracene
Concen: 42.197 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



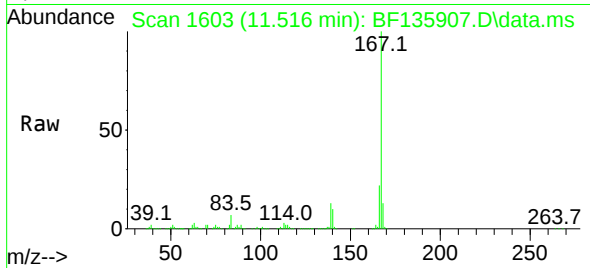
Tgt Ion:178 Resp: 711507
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 41.965 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

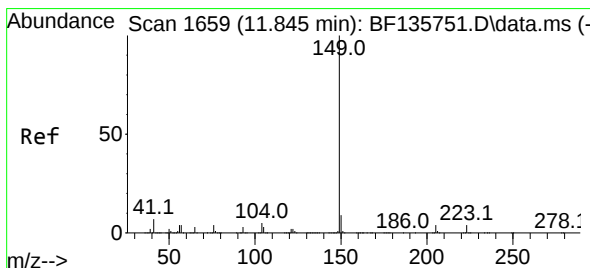
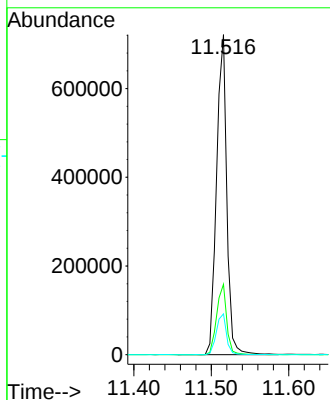
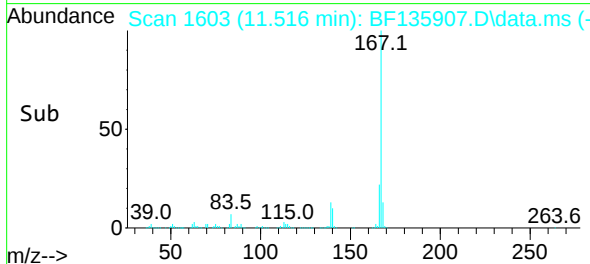
Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD



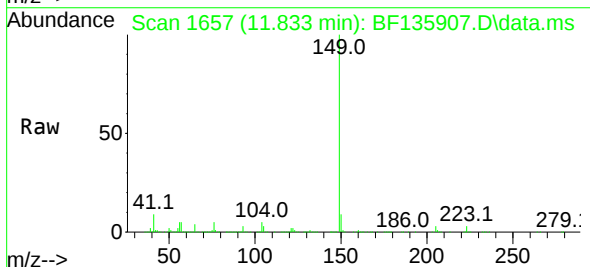
Tgt Ion:167 Resp: 659933
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations
 APPROVED

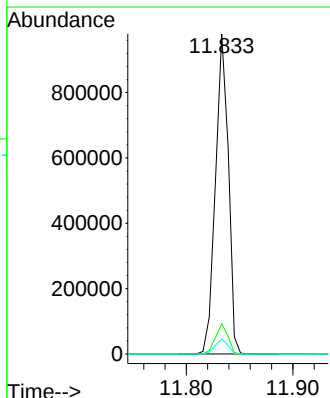
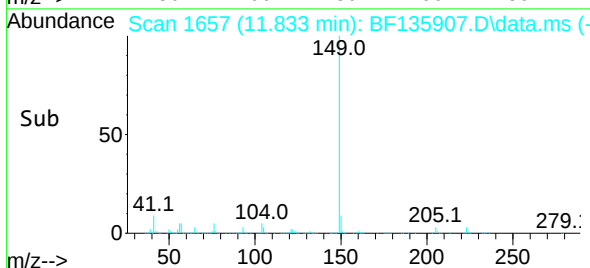
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

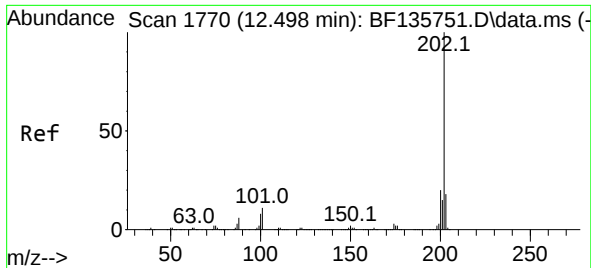


#74
 Di-n-butylphthalate
 Concen: 42.465 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31



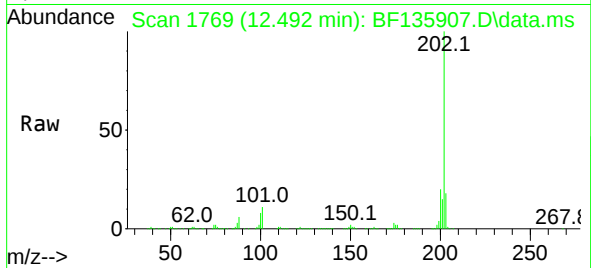
Tgt Ion:149 Resp: 819897
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.7 5.5





#75
Fluoranthene
Concen: 40.995 ng
RT: 12.492 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

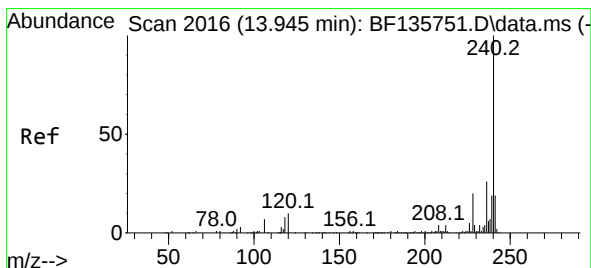
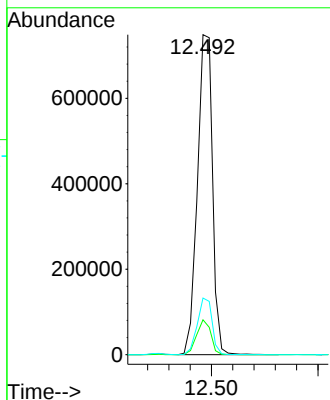
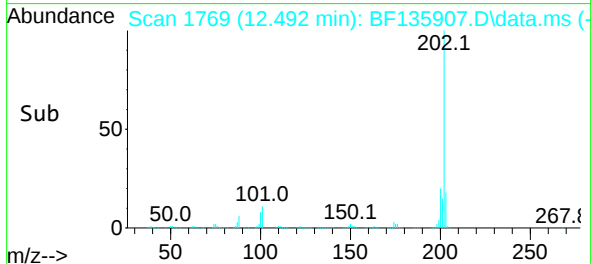
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



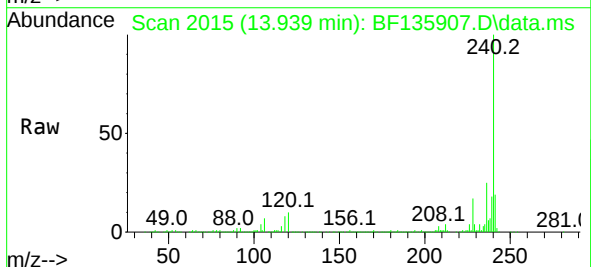
Tgt Ion:202 Resp: 740364
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.7 0.0 38.3

Manual Integrations
APPROVED

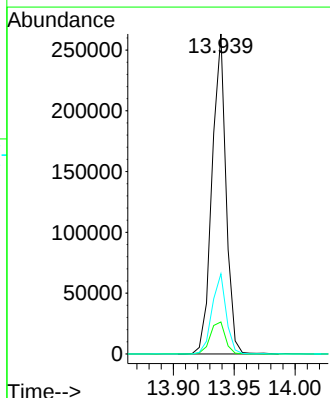
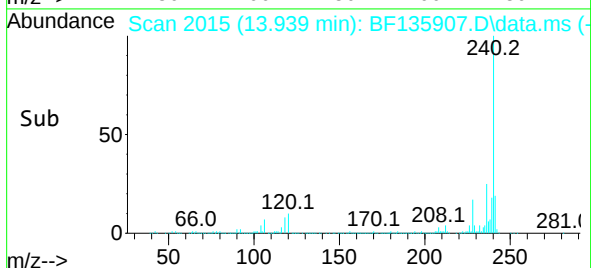
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

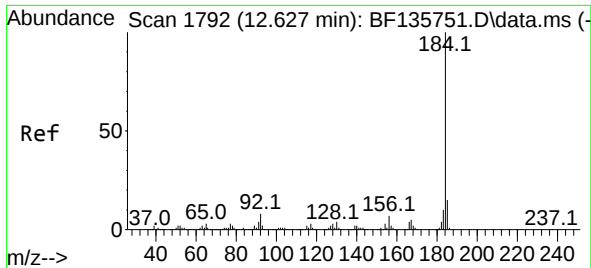


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



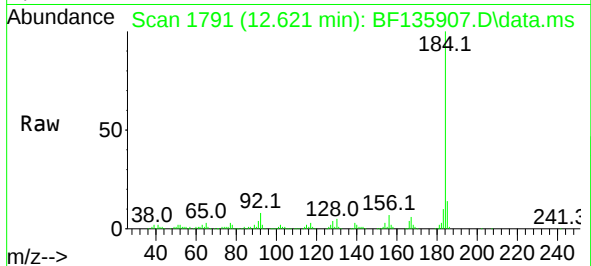
Tgt Ion:240 Resp: 209321
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.1 21.2 31.8





#77
Benzidine
Concen: 30.694 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

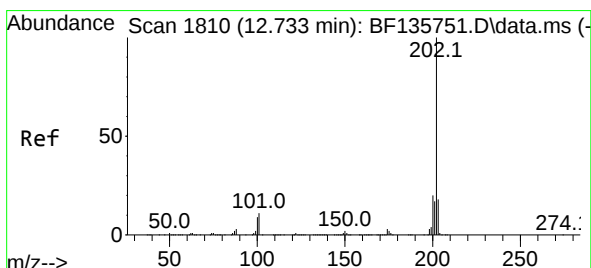
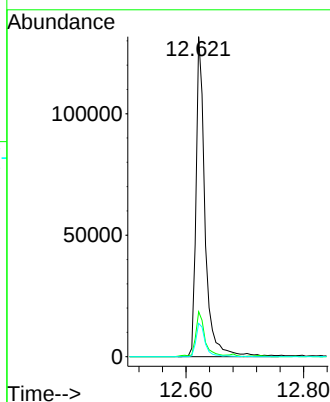
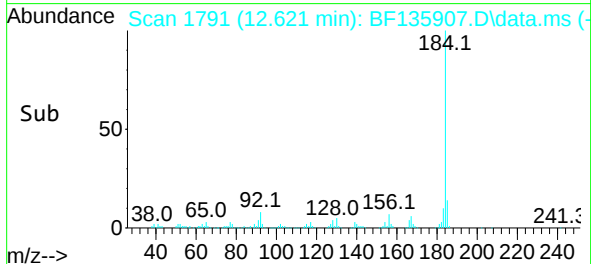
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



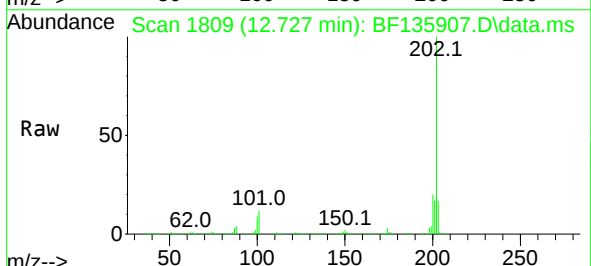
Tgt Ion:184 Resp: 140199
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 10.4 8.2 12.2

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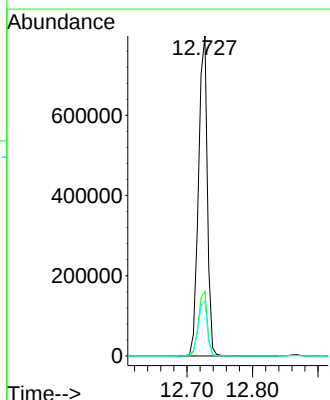
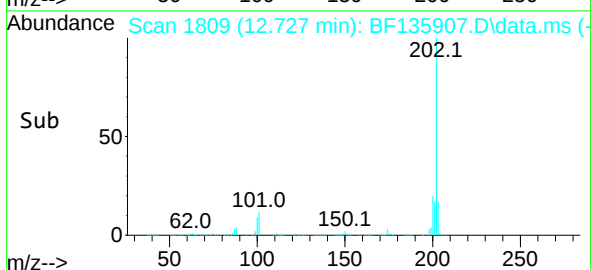
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

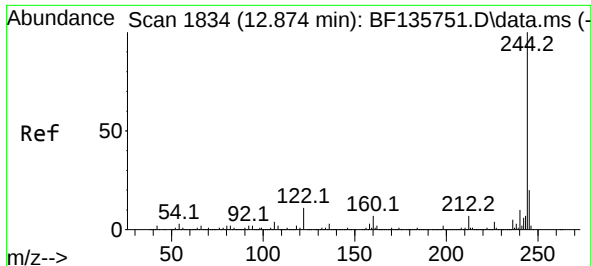


#78
Pyrene
Concen: 45.080 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



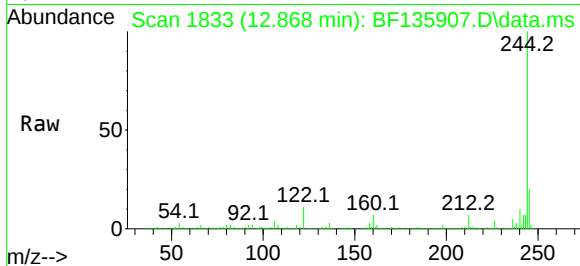
Tgt Ion:202 Resp: 749846
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.2 14.2 21.2





#79
 Terphenyl-d14
 Concen: 88.666 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

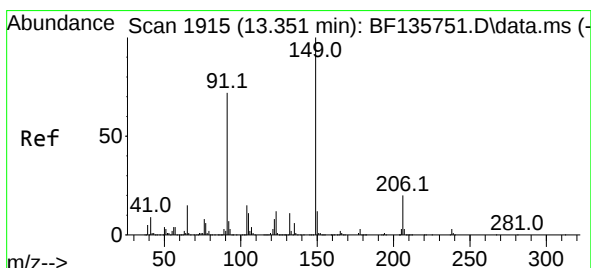
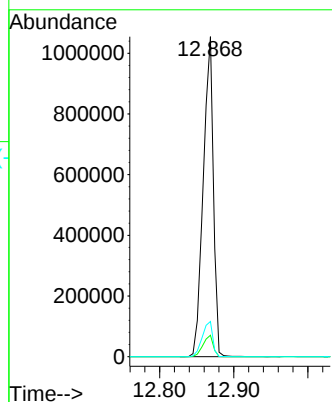
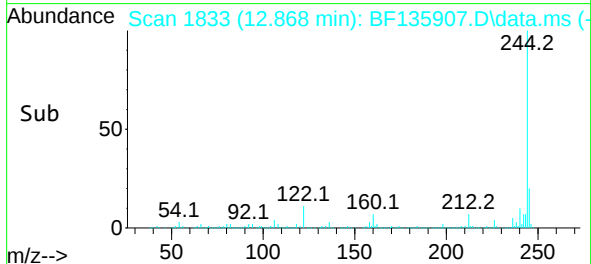
Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD



Tgt Ion:244 Resp: 1002184
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 9.0 13.6

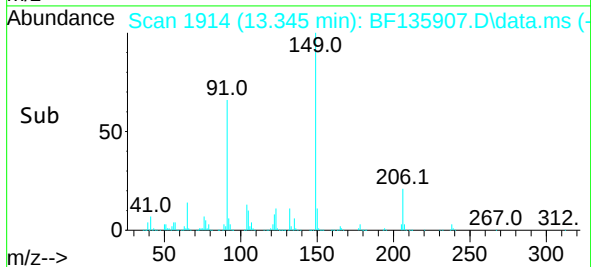
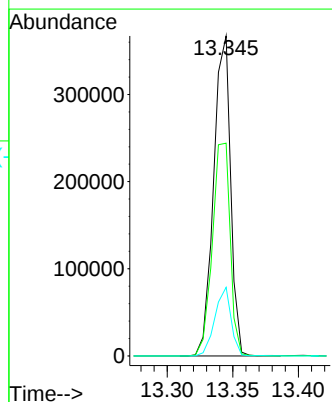
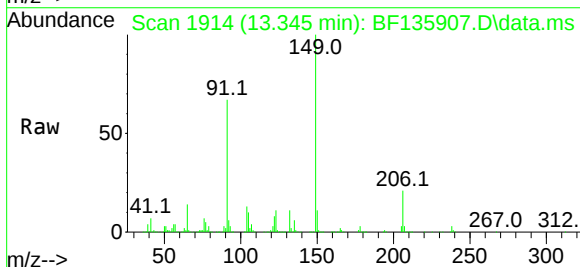
Manual Integrations
 APPROVED

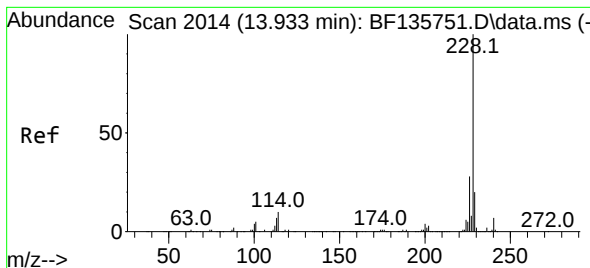
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023



#80
 Butylbenzylphthalate
 Concen: 45.203 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

Tgt Ion:149 Resp: 330412
 Ion Ratio Lower Upper
 149 100
 91 66.5 57.4 86.0
 206 21.5 16.2 24.4





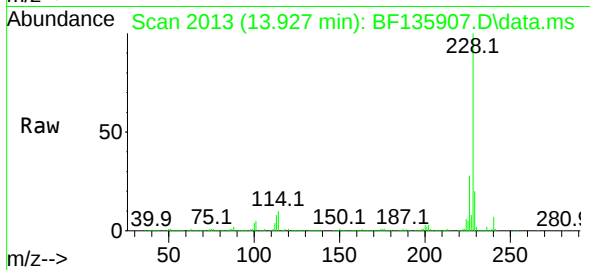
#81
Benzo(a)anthracene
Concen: 44.157 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

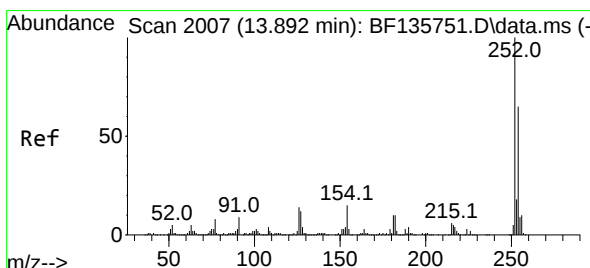
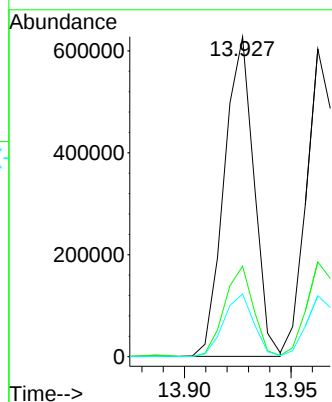
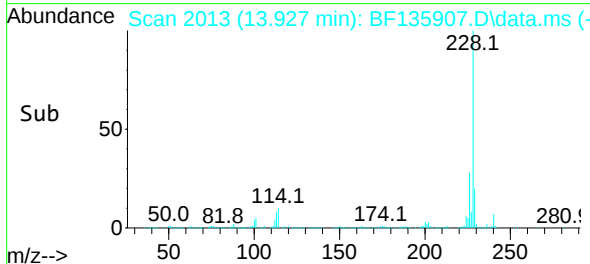


Tgt Ion:228 Resp: 607112
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 19.6 16.1 24.1

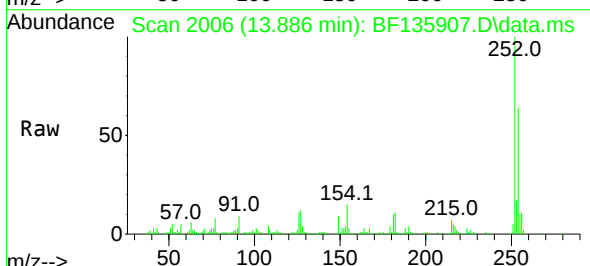
Manual Integrations

APPROVED

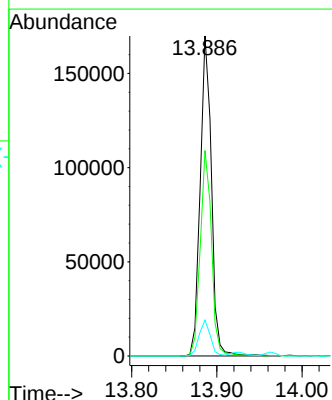
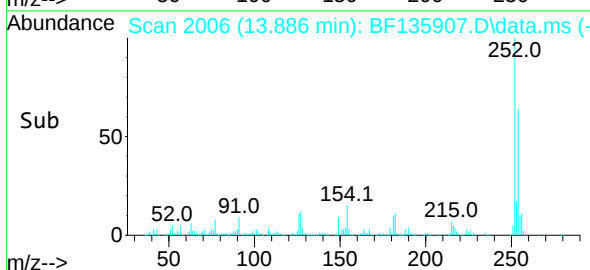
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

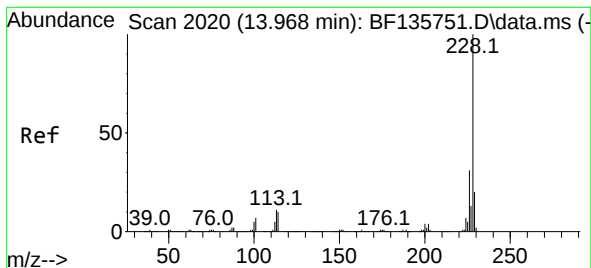


#82
3,3'-Dichlorobenzidine
Concen: 34.103 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:252 Resp: 155504
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 11.2 11.0 16.4





#83

Chrysene

Concen: 41.326 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135907.D

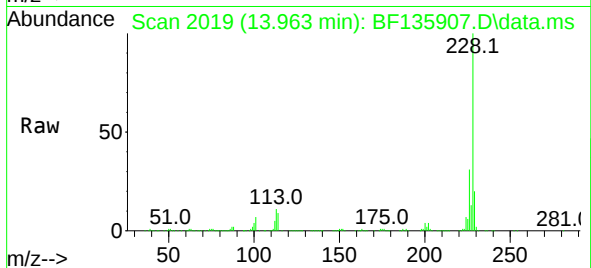
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD



Tgt Ion:228 Resp: 55033

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

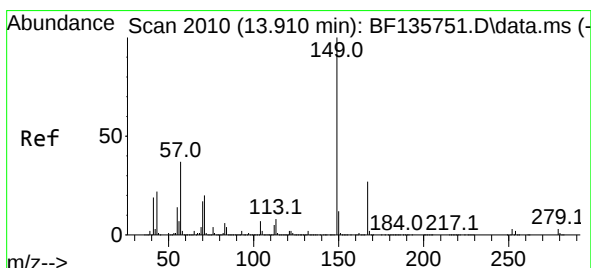
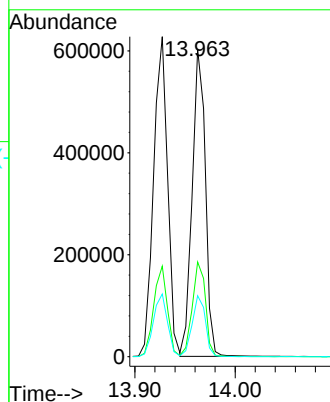
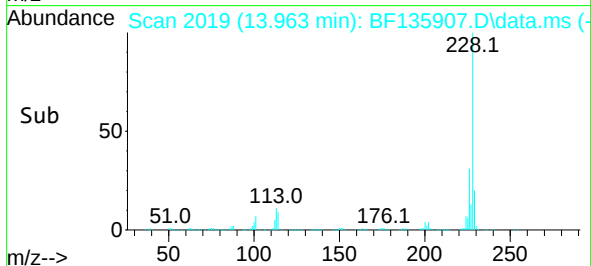
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.779 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

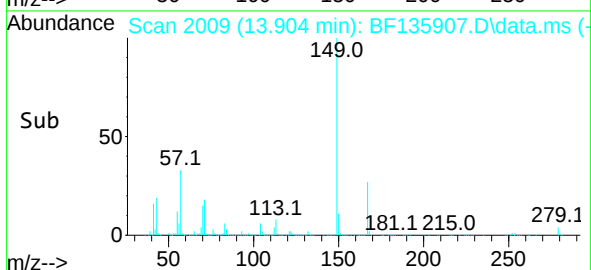
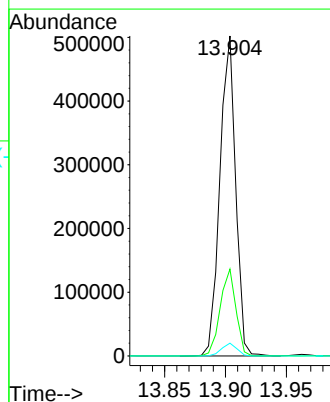
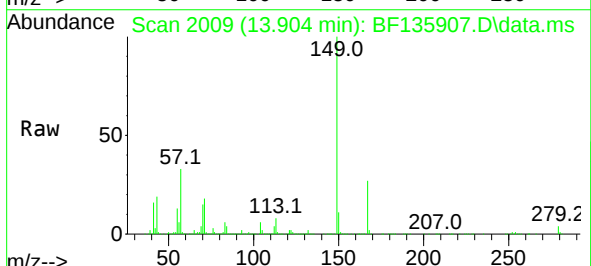
Tgt Ion:149 Resp: 453521

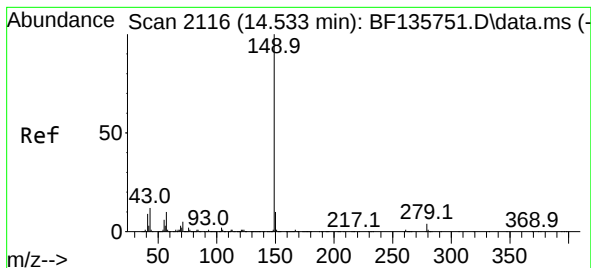
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

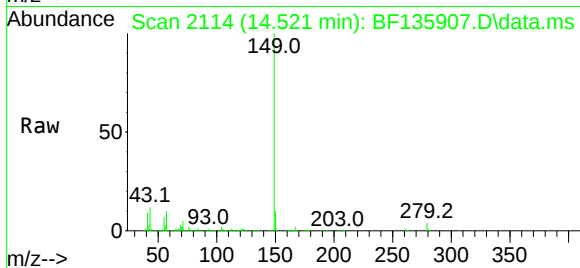
279 4.0 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 43.179 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

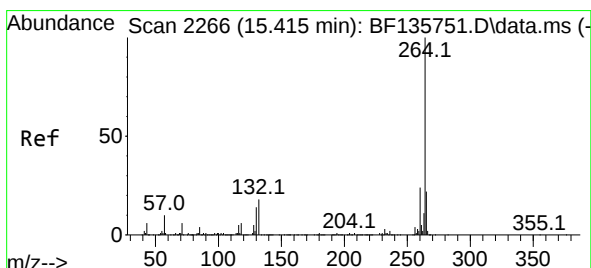
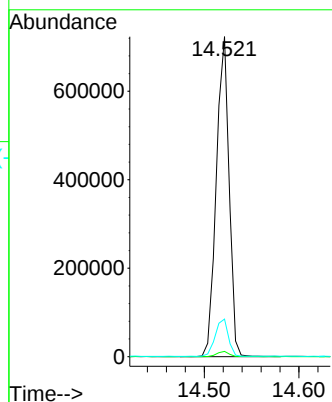
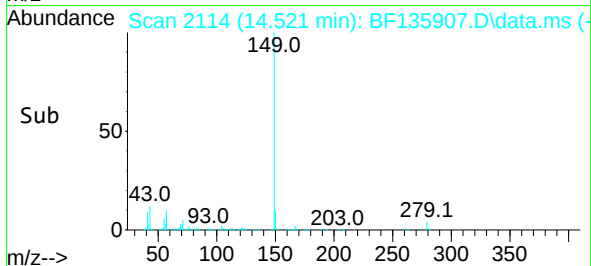
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion:149 Resp: 678319
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.0 10.1 15.1

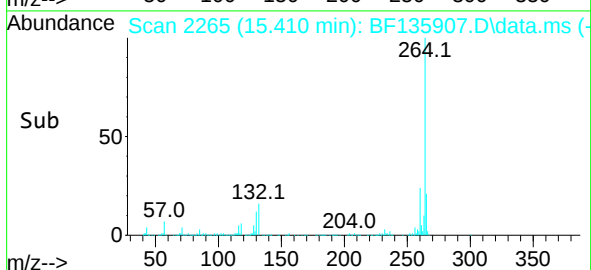
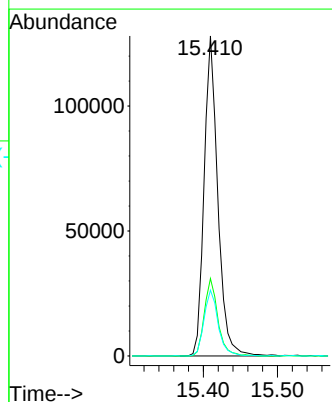
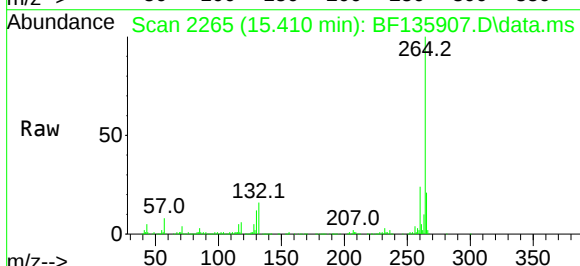
Manual Integrations
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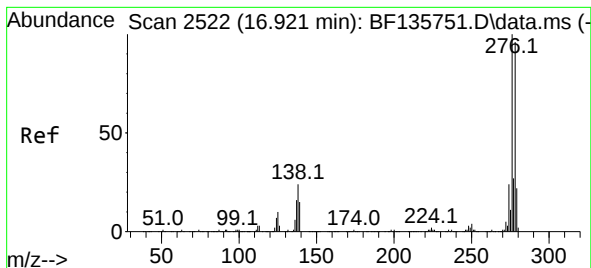
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:264 Resp: 163982
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 20.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.390 ng

RT: 16.915 min Scan# 2192

Delta R.T. -0.018 min

Lab File: BF135907.D

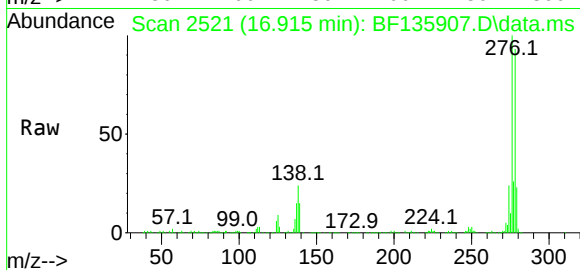
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD



Tgt Ion: 276 Resp: 46810

Ion Ratio Lower Upper

276 100

138 23.4 19.8 29.6

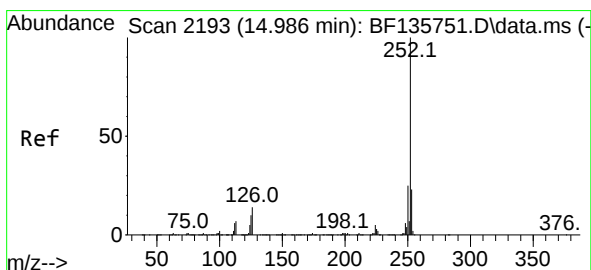
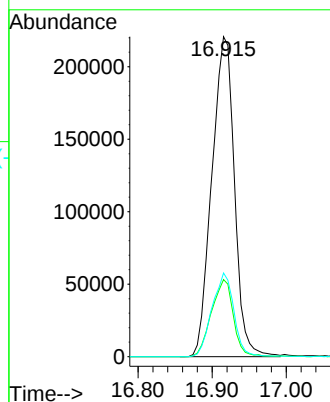
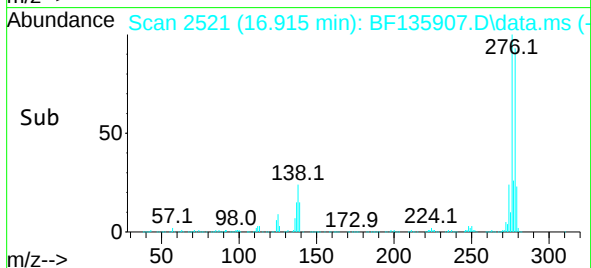
277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 10/21/2023

Supervised By : mohammad ahmed 10/21/2023



#88

Benzo(b)fluoranthene

Concen: 52.458 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

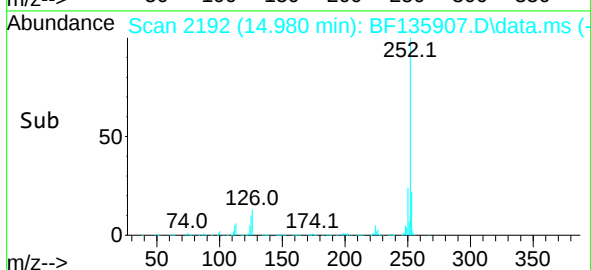
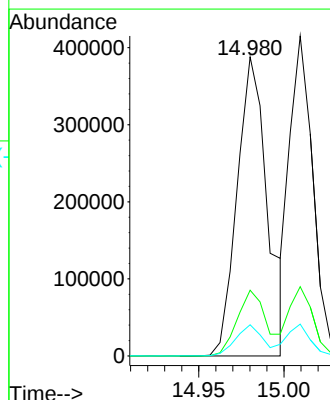
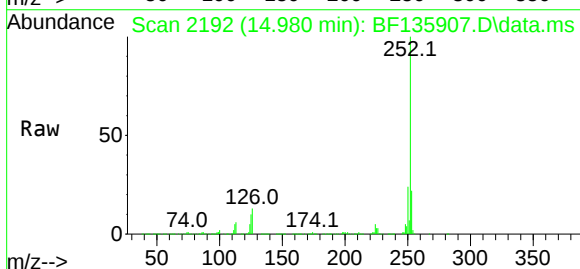
Tgt Ion: 252 Resp: 481431

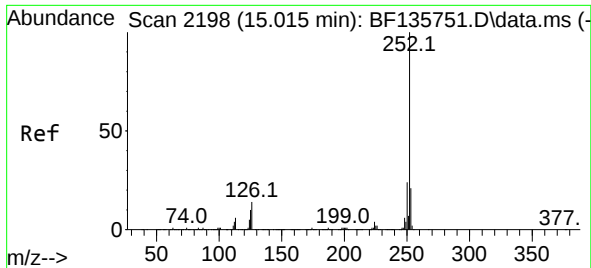
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

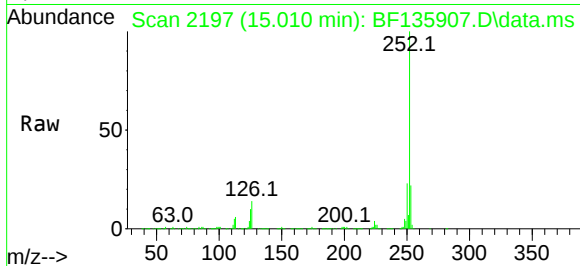
125 10.5 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 44.577 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

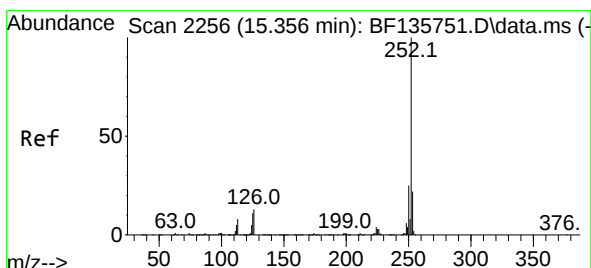
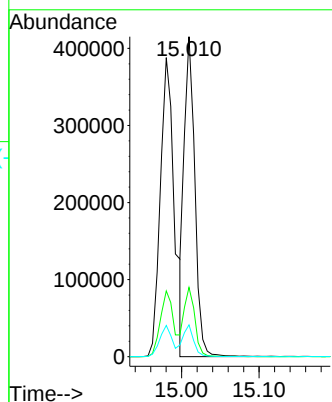
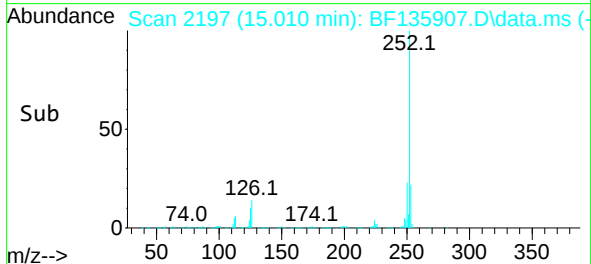
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion:252 Resp: 397179
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.0 8.3 12.5

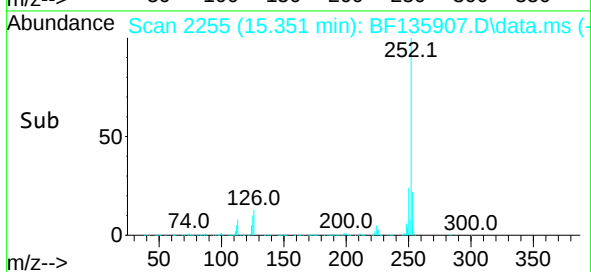
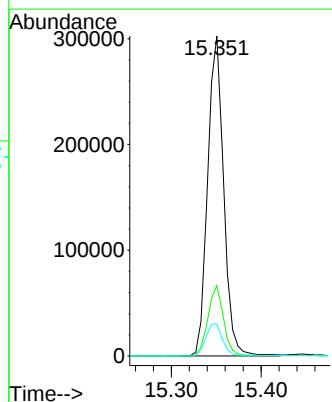
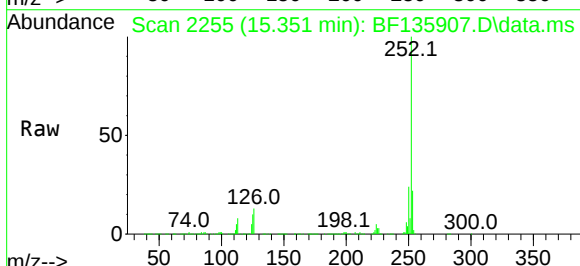
Manual Integrations
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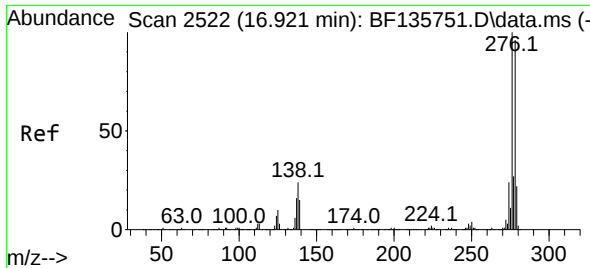
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#90
Benzo(a)pyrene
Concen: 43.341 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:252 Resp: 374032
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.0 8.8 13.2





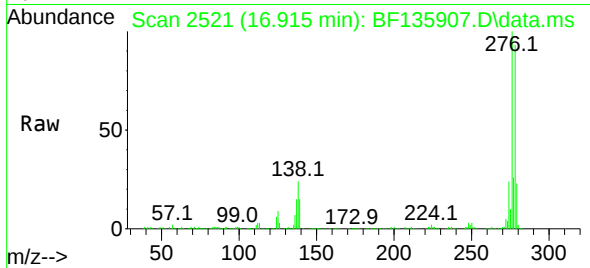
#91
Dibenzo(a,h)anthracene
Concen: 52.996 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.024 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

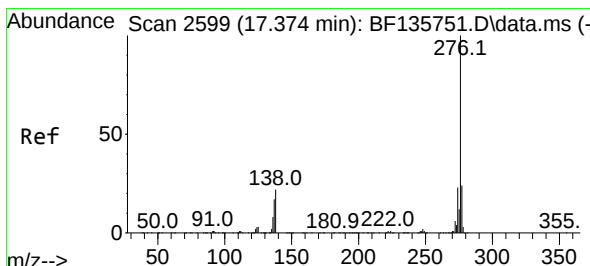
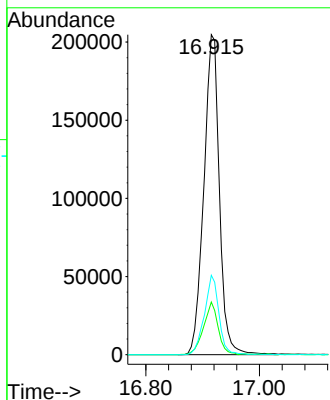
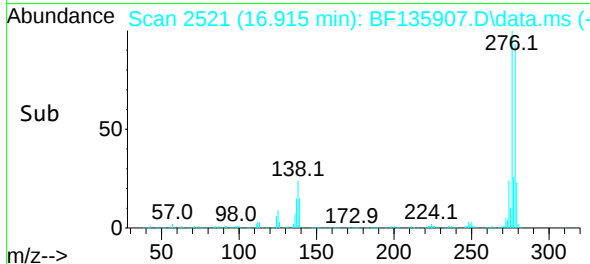


Tgt Ion:278 Resp: 38818
Ion Ratio Lower Upper
278 100
139 16.5 12.5 18.7
279 24.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#92
Benzo(g,h,i)perylene
Concen: 58.073 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:276 Resp: 436942
Ion Ratio Lower Upper
276 100
277 25.2 19.4 29.2
138 20.8 17.3 25.9

