

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135808.D
 Acq On : 17 Oct 2023 13:00
 Operator : CG\JU
 Sample : PB156372BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:36:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	134537	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	522108	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	280322	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	496469	20.000	ng	0.00
76) Chrysene-d12	13.945	240	306988	20.000	ng	0.00
86) Perylene-d12	15.415	264	260248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	991858	118.530	ng	0.01
7) Phenol-d6	6.404	99	1185462	113.539	ng	0.00
23) Nitrobenzene-d5	7.316	82	777121	81.862	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	302917	112.612	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1315449	73.370	ng	0.00
79) Terphenyl-d14	12.874	244	1392185	83.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	130876	32.425	ng	99
3) Pyridine	3.346	79	290295	29.313	ng	97
4) n-Nitrosodimethylamine	3.293	42	226604	42.549	ng	98
6) Aniline	6.410	93	370643	28.208	ng	# 57
8) 2-Chlorophenol	6.534	128	390797	43.307	ng	98
9) Benzaldehyde	6.298	77	76927	12.945	ng	96
10) Phenol	6.416	94	459473	41.998	ng	# 74
11) bis(2-Chloroethyl)ether	6.481	93	361546	41.014	ng	98
12) 1,3-Dichlorobenzene	6.675	146	384844	42.067	ng	98
13) 1,4-Dichlorobenzene	6.757	146	391733	42.270	ng	98
14) 1,2-Dichlorobenzene	6.904	146	356629	42.738	ng	98
15) Benzyl Alcohol	6.898	79	312755	45.051	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	654220	41.036	ng	70
17) 2-Methylphenol	7.010	107	306425	39.226	ng	96
18) Hexachloroethane	7.239	117	147355	43.853	ng	94
19) n-Nitroso-di-n-propyla...	7.163	70	257528	39.891	ng	99
20) 3+4-Methylphenols	7.169	107	389807	40.027	ng	99
22) Acetophenone	7.157	105	520607	43.478	ng	99
24) Nitrobenzene	7.334	77	406890	42.707	ng	99
25) Isophorone	7.569	82	727377	40.615	ng	99
26) 2-Nitrophenol	7.645	139	200567	43.137	ng	99
27) 2,4-Dimethylphenol	7.686	122	308071	40.249	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	430515	40.365	ng	98
29) 2,4-Dichlorophenol	7.892	162	311094	43.370	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	309144	42.138	ng	99
31) Naphthalene	8.045	128	1037819	40.753	ng	99
32) Benzoic acid	7.863	122	238486	46.030	ng	93
33) 4-Chloroaniline	8.104	127	243196	21.862	ng	96
34) Hexachlorobutadiene	8.151	225	187290	43.130	ng	98
35) Caprolactam	8.498	113	111747m	45.571	ng	
36) 4-Chloro-3-methylphenol	8.604	107	365175	45.907	ng	99
37) 2-Methylnaphthalene	8.733	142	688988	41.064	ng	99
38) 1-Methylnaphthalene	8.833	142	652037	42.134	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	333973	41.417	ng	99
41) Hexachlorocyclopentadiene	8.880	237	140719	82.262	ng	95
43) 2,4,6-Trichlorophenol	9.028	196	217953	41.944	ng	99

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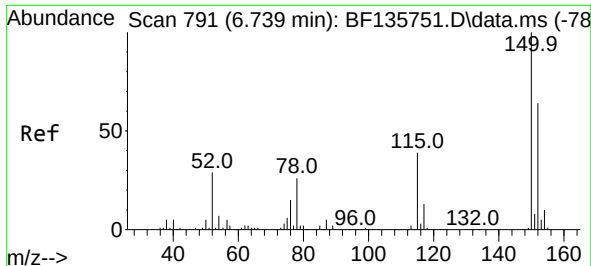
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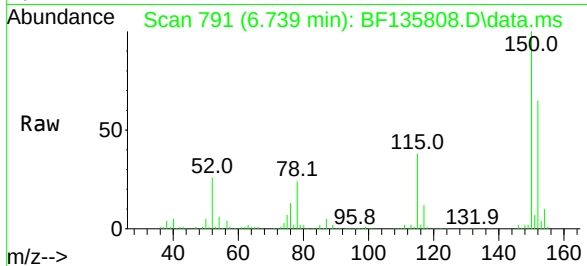
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	229561	37.983	ng	98
46) 1,1'-Biphenyl	9.204	154	859497	40.027	ng	99
47) 2-Chloronaphthalene	9.228	162	646318	41.764	ng	99
48) 2-Nitroaniline	9.339	65	252473	41.331	ng	99
49) Acenaphthylene	9.639	152	1052439	41.094	ng	99
50) Dimethylphthalate	9.510	163	788824	41.685	ng	99
51) 2,6-Dinitrotoluene	9.586	165	171875	42.236	ng	# 83
52) Acenaphthene	9.816	154	608487	39.640	ng	99
53) 3-Nitroaniline	9.757	138	158776	31.828	ng	99
54) 2,4-Dinitrophenol	9.880	184	178731	105.217	ng	95
55) Dibenzofuran	9.986	168	946452	40.863	ng	99
56) 4-Nitrophenol	9.945	139	195124	85.000	ng	92
57) 2,4-Dinitrotoluene	9.998	165	225940	43.642	ng	90
58) Fluorene	10.333	166	737771	40.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	203831	44.627	ng	96
60) Diethylphthalate	10.216	149	798079	41.311	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	357540	40.798	ng	97
62) 4-Nitroaniline	10.386	138	173894	37.887	ng	97
63) Azobenzene	10.486	77	729283	38.855	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	116789	46.743	ng	92
66) n-Nitrosodiphenylamine	10.451	169	654528	43.254	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	210415	42.221	ng	100
68) Hexachlorobenzene	10.886	284	230358	45.400	ng	97
69) Atrazine	10.986	200	198881	48.319	ng	99
70) Pentachlorophenol	11.092	266	163988	81.945	ng	95
71) Phenanthrene	11.304	178	989993	41.626	ng	99
72) Anthracene	11.357	178	1005145	40.785	ng	99
73) Carbazole	11.516	167	955373	41.565	ng	100
74) Di-n-butylphthalate	11.839	149	1184656	41.979	ng	99
75) Fluoranthene	12.498	202	1076455	40.781	ng	99
77) Benzidine	12.627	184	237852	35.507	ng	99
78) Pyrene	12.727	202	1103096	45.218	ng	99
80) Butylbenzylphthalate	13.351	149	484257	45.173	ng	93
81) Benzo(a)anthracene	13.933	228	879979	43.641	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	238896	35.723	ng	# 97
83) Chrysene	13.968	228	801511	41.039	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	658469	45.321	ng	97
85) Di-n-octyl phthalate	14.527	149	1004217	43.588	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	714060	50.356	ng	98
88) Benzo(b)fluoranthene	14.986	252	675429	46.373	ng	99
89) Benzo(k)fluoranthene	15.015	252	676105	47.813	ng	98
90) Benzo(a)pyrene	15.357	252	589270	43.024	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	587299	50.522	ng	98
92) Benzo(g,h,i)perylene	17.374	276	592238	49.597	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

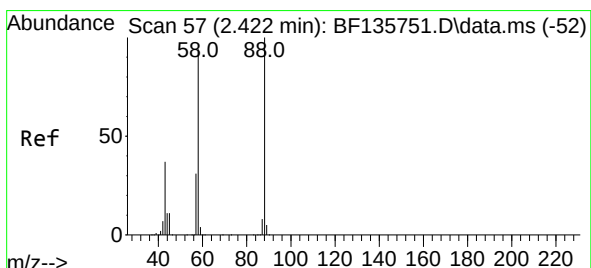
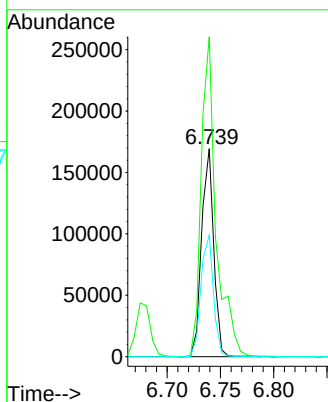
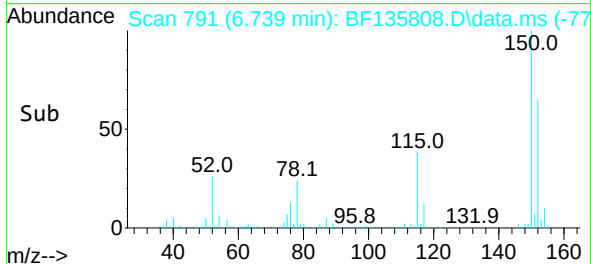
Instrument :
BNA_F
Client Sample Id :
PB156372BSD



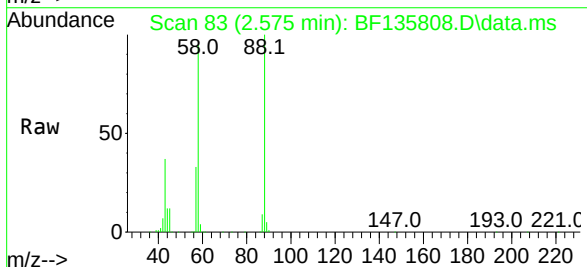
Tgt Ion: 152 Resp: 13453
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 58.3 49.0 73.4

Manual Integrations
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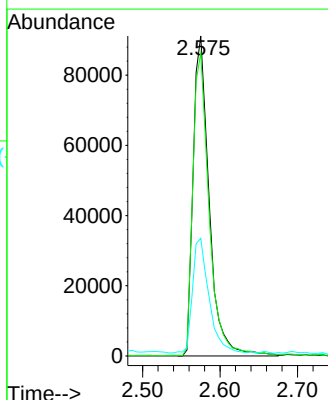
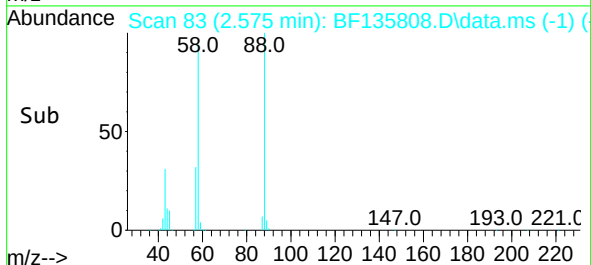
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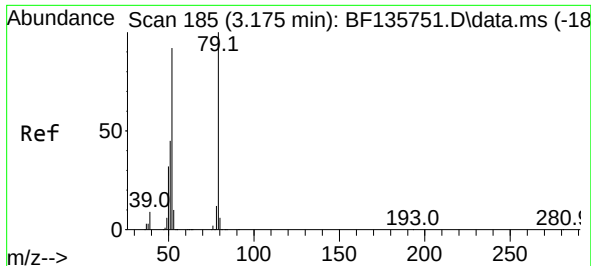


#2
1,4-Dioxane
Concen: 32.425 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.135 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



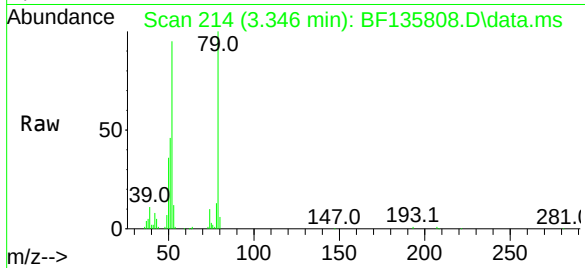
Tgt Ion: 88 Resp: 130876
Ion Ratio Lower Upper
88 100
58 96.4 76.1 114.1
43 36.6 29.8 44.8





#3
Pyridine
Concen: 29.313 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.159 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

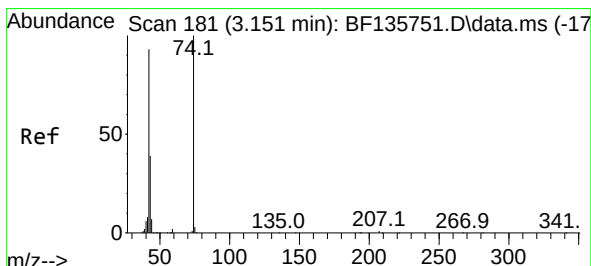
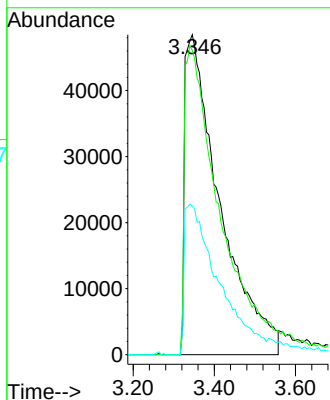
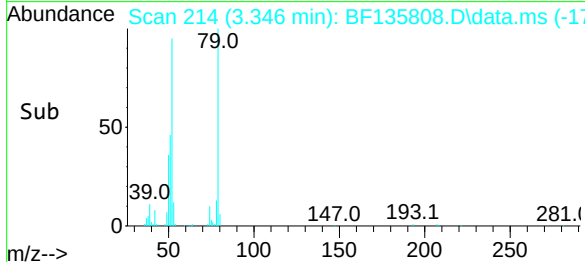
Instrument :
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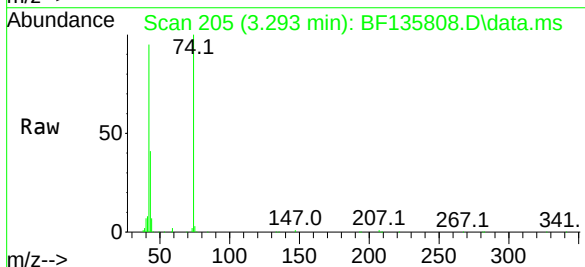
Tgt Ion: 79 Resp: 29029
Ion Ratio Lower Upper
79 100
52 95.1 73.4 110.2
51 46.4 36.5 54.7

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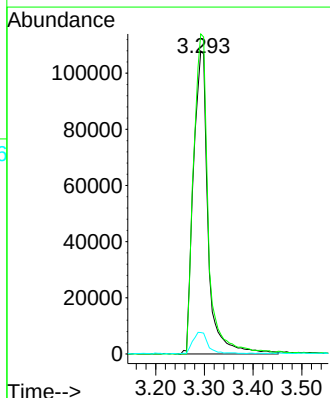
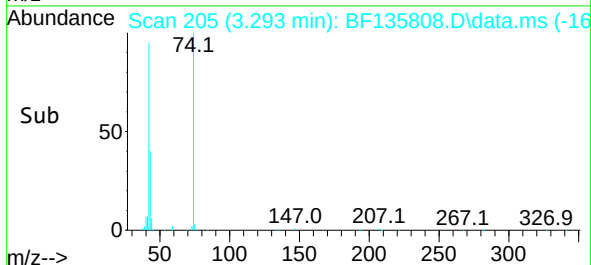
Reviewed By :Yogesh Patel 10/18/2023
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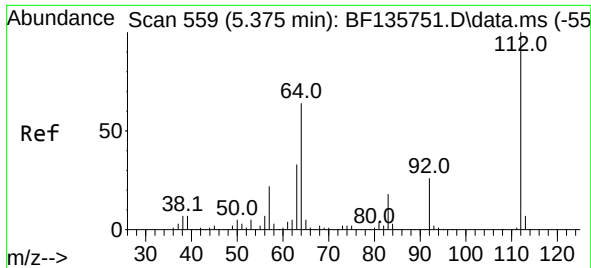


#4
n-Nitrosodimethylamine
Concen: 42.549 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.123 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion: 42 Resp: 226604
Ion Ratio Lower Upper
42 100
74 105.6 86.5 129.7
44 7.1 5.9 8.9





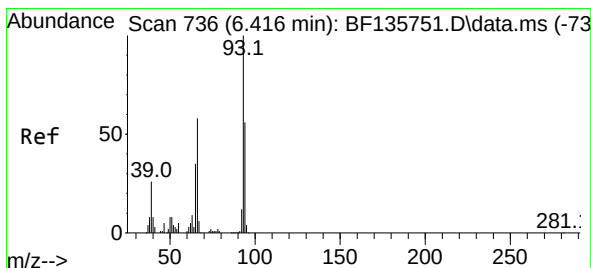
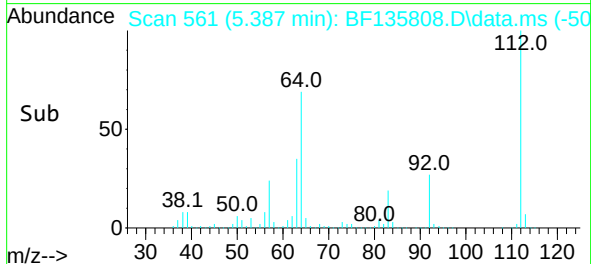
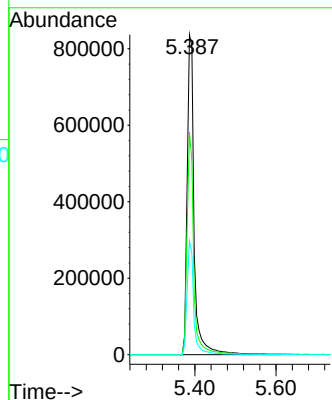
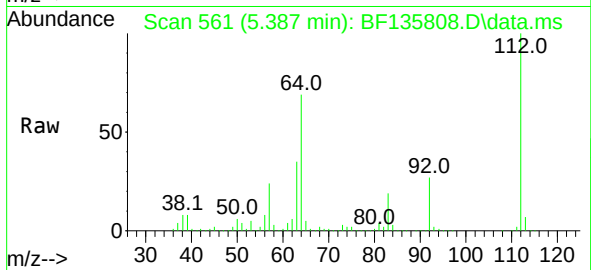
#5
2-Fluorophenol
Concen: 118.530 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :
BNA_F
ClientSampleId :
PB156372BSD

Tgt Ion:112 Resp: 99185
Ion Ratio Lower Upper
112 100
64 69.5 51.2 76.8
63 35.5 26.1 39.1

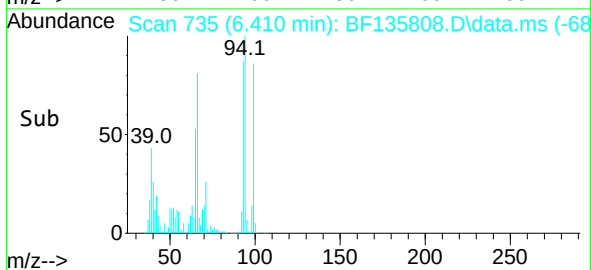
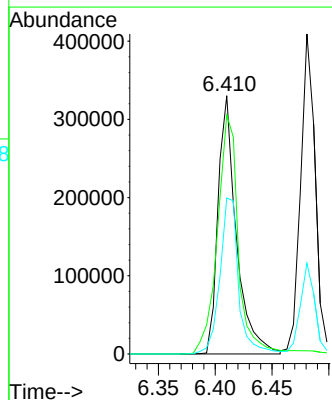
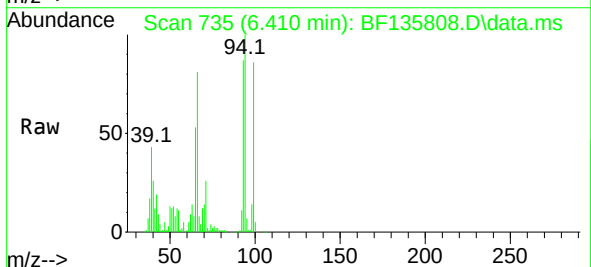
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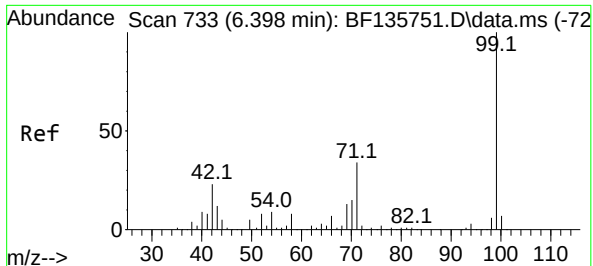
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#6
Aniline
Concen: 28.208 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion: 93 Resp: 370643
Ion Ratio Lower Upper
93 100
66 92.5 47.6 71.4#
65 60.4 28.5 42.7#





#7

Phenol-d6

Concen: 113.539 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion: 99 Resp: 118546

Ion Ratio Lower Upper

99 100

42 22.7 18.4 27.6

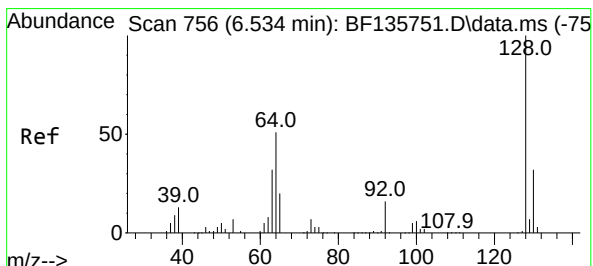
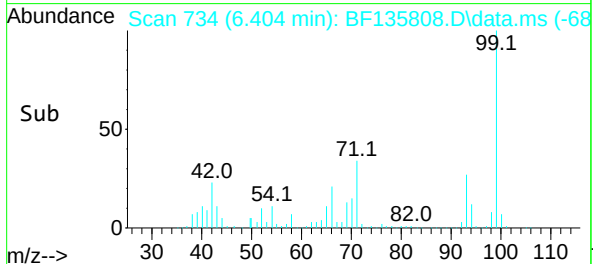
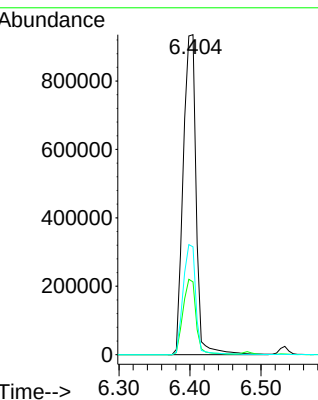
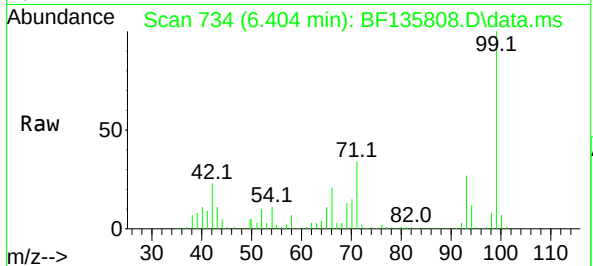
71 33.7 27.2 40.8

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2023



#8

2-Chlorophenol

Concen: 43.307 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

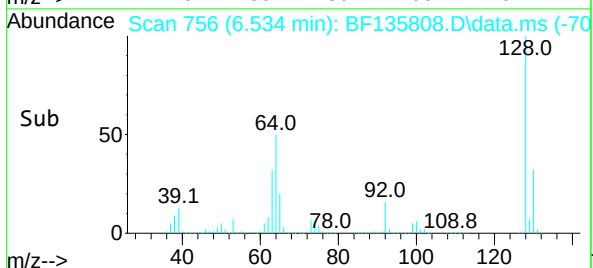
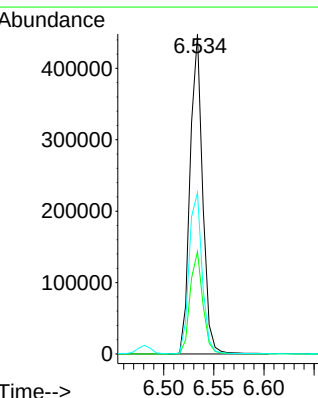
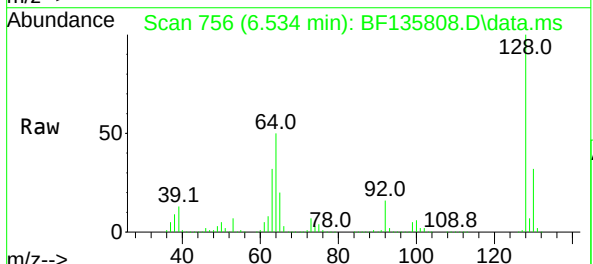
Tgt Ion:128 Resp: 390797

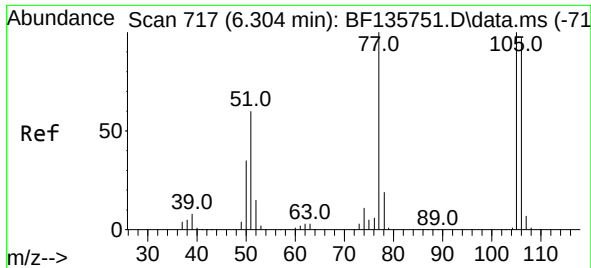
Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

64 50.4 32.3 72.3





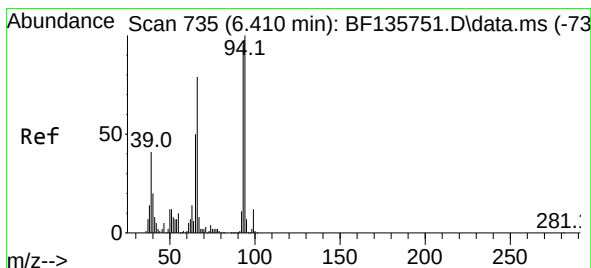
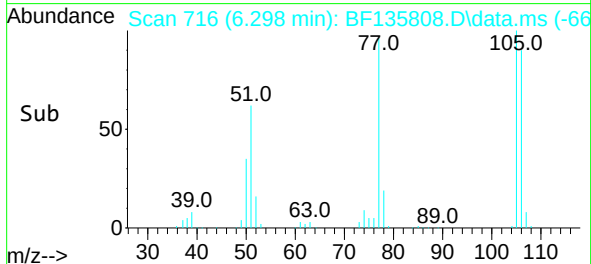
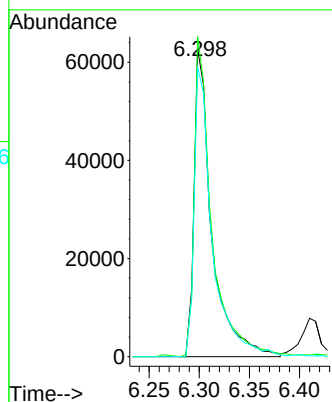
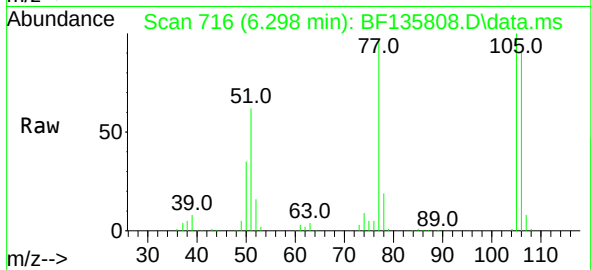
#9
Benzaldehyde
Concen: 12.945 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :
BNA_F
ClientSampleId :
PB156372BSD

Tgt Ion: 77 Resp: 7692
Ion Ratio Lower Upper
77 100
105 104.0 79.9 119.9
106 93.9 77.1 117.1

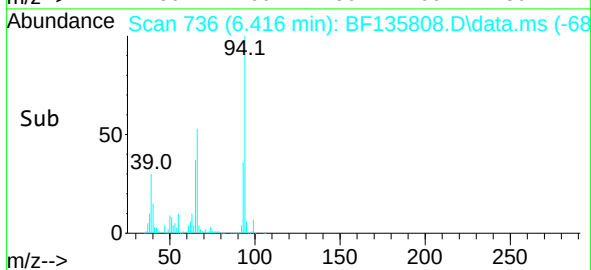
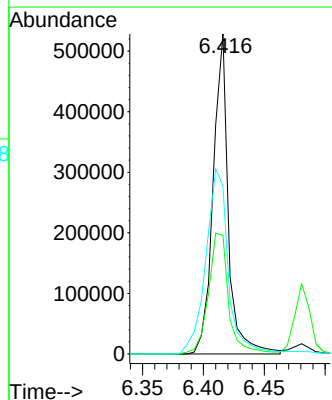
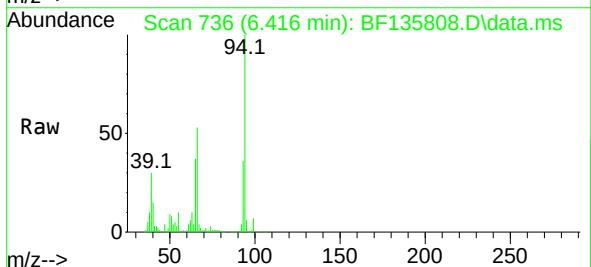
Manual Integrations
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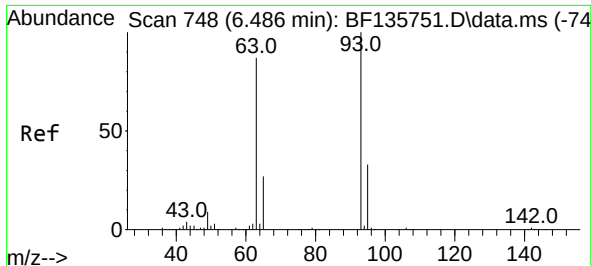
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#10
Phenol
Concen: 41.998 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

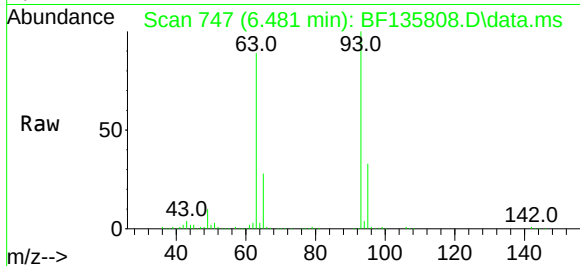
Tgt Ion: 94 Resp: 459473
Ion Ratio Lower Upper
94 100
65 37.1 30.3 70.3
66 52.5 59.1 99.1#





#11
bis(2-Chloroethyl)ether
Concen: 41.014 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

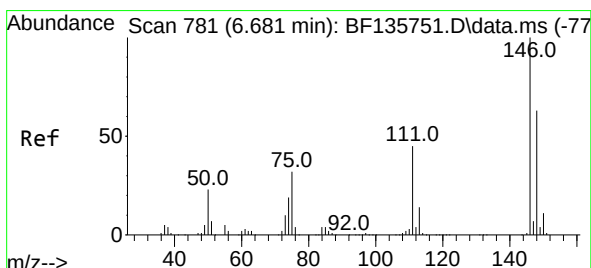
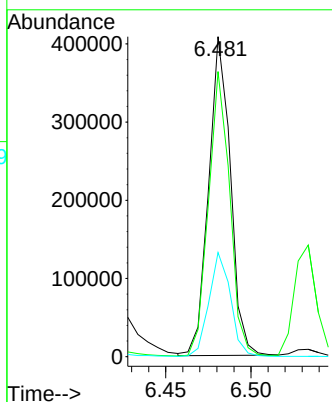
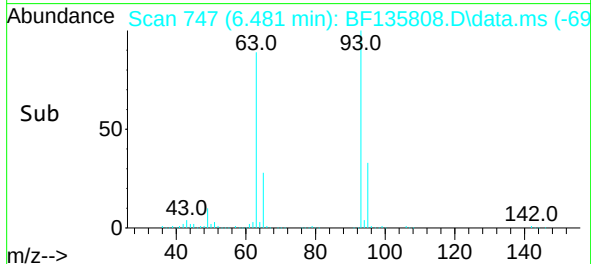
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



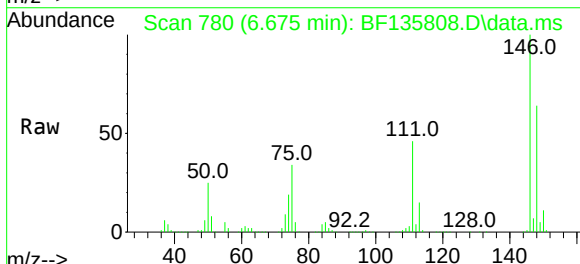
Tgt Ion: 93 Resp: 361540
Ion Ratio Lower Upper
93 100
63 89.1 66.3 106.3
95 32.5 12.8 52.8

Manual Integrations
APPROVED

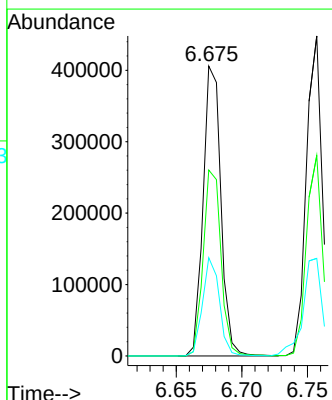
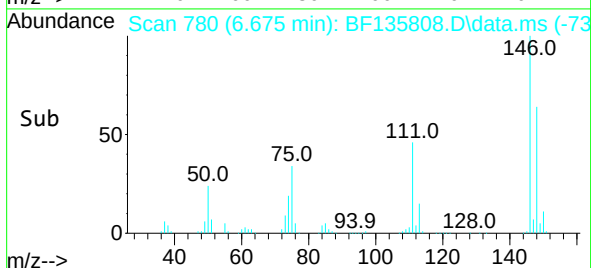
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

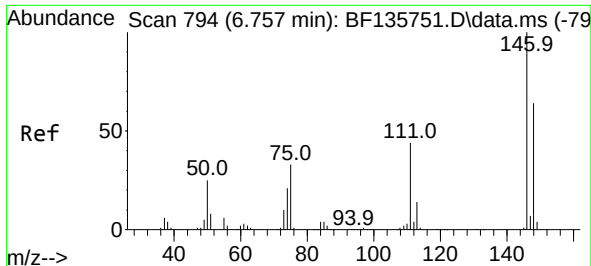


#12
1,3-Dichlorobenzene
Concen: 42.067 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:146 Resp: 384844
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
75 33.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.270 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion:146 Resp: 39173

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

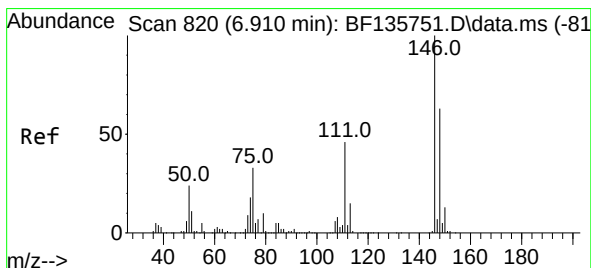
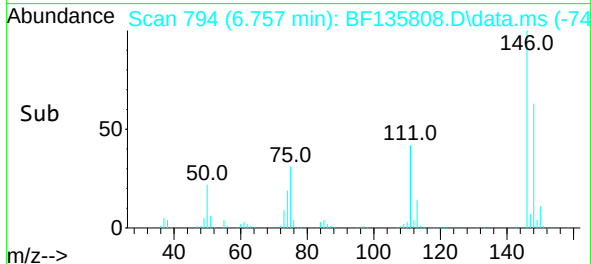
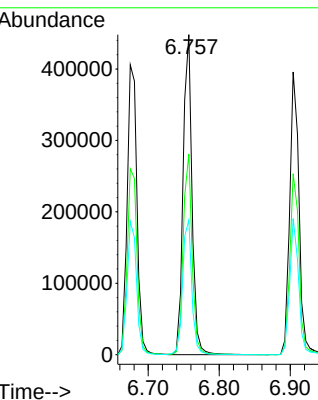
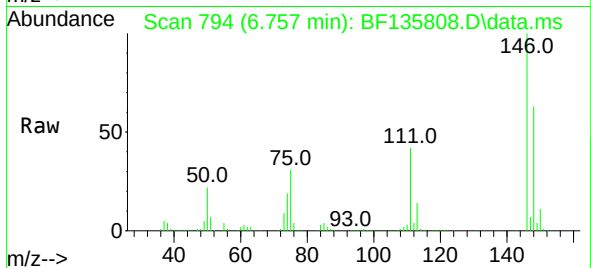
111 42.1 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#14

1,2-Dichlorobenzene

Concen: 42.738 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

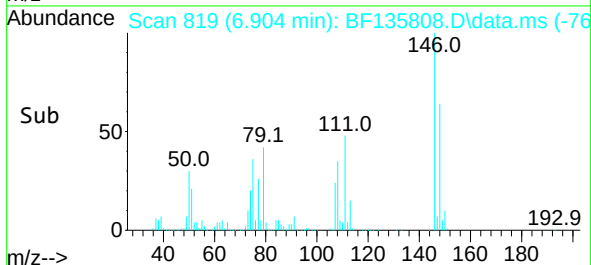
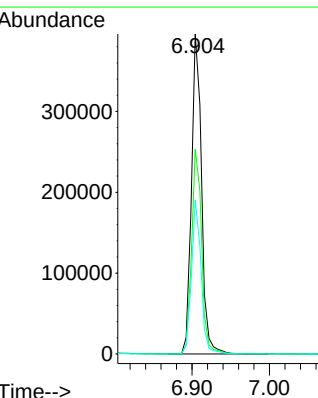
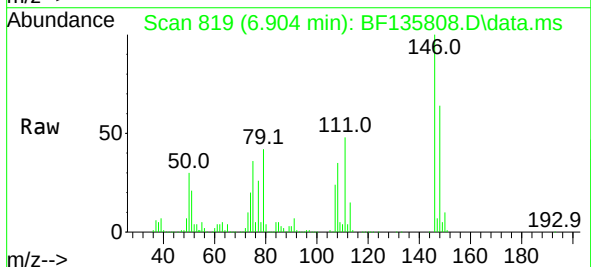
Tgt Ion:146 Resp: 356629

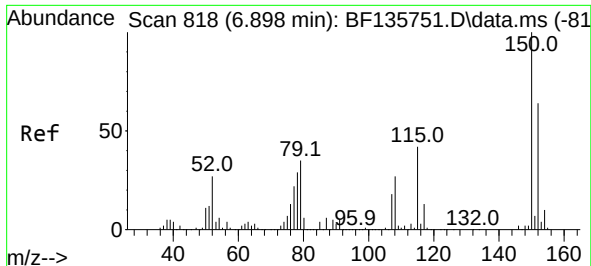
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

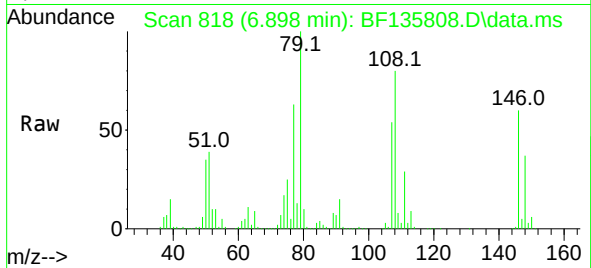
111 48.2 37.1 55.7





#15
Benzyl Alcohol
Concen: 45.051 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

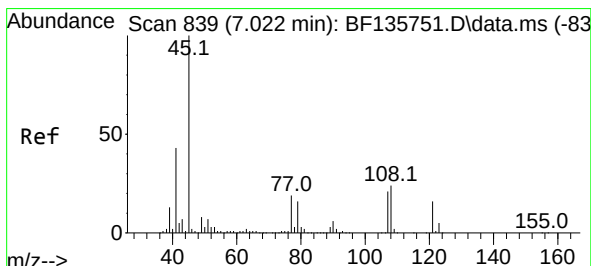
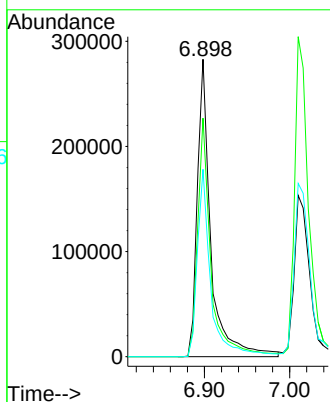
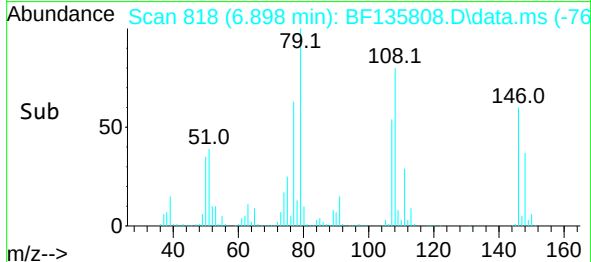
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



Tgt Ion: 79 Resp: 31275
Ion Ratio Lower Upper
79 100
108 80.2 62.0 93.0
77 63.0 50.5 75.7

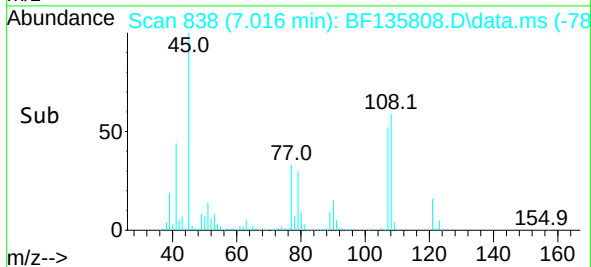
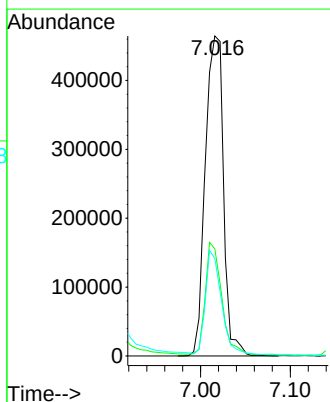
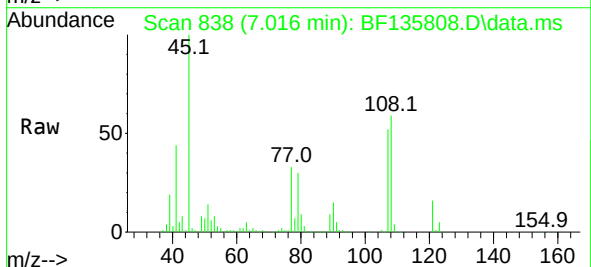
Manual Integrations
APPROVED

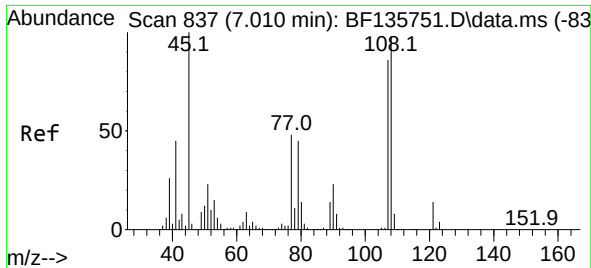
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.036 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

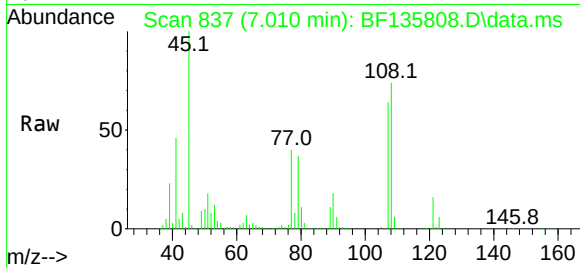
Tgt Ion: 45 Resp: 654220
Ion Ratio Lower Upper
45 100
77 33.5 0.0 39.8
79 30.4 0.0 37.6





#17
2-Methylphenol
Concen: 39.226 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

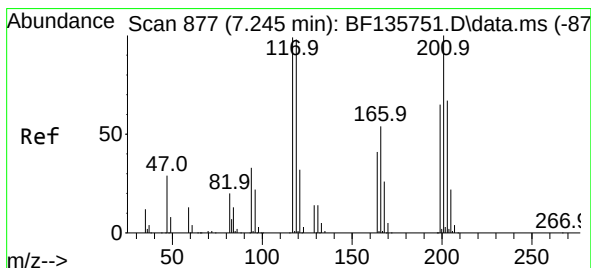
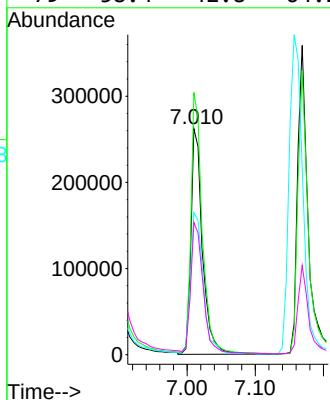
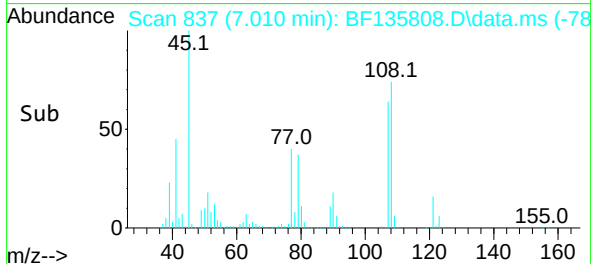
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



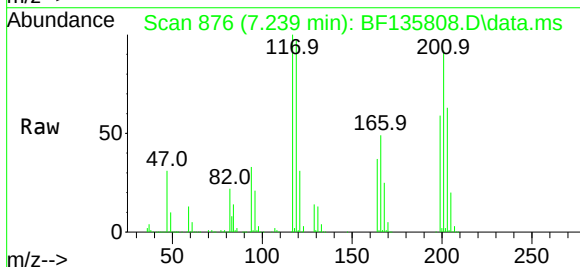
Tgt Ion:107 Resp: 306429
Ion Ratio Lower Upper
107 100
108 116.0 91.8 137.6
77 62.8 45.4 68.0
79 58.4 42.8 64.2

Manual Integrations
APPROVED

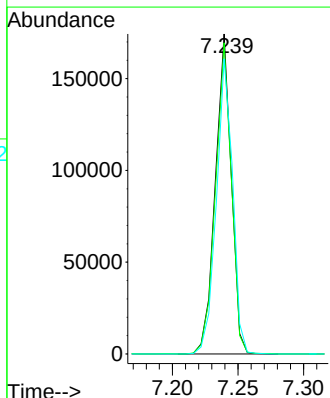
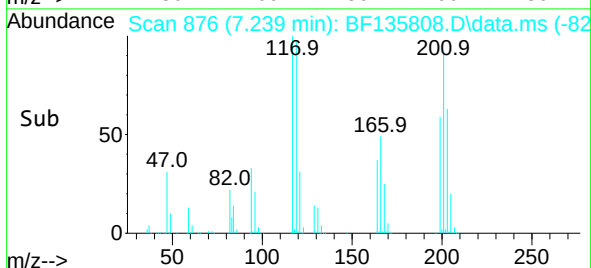
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

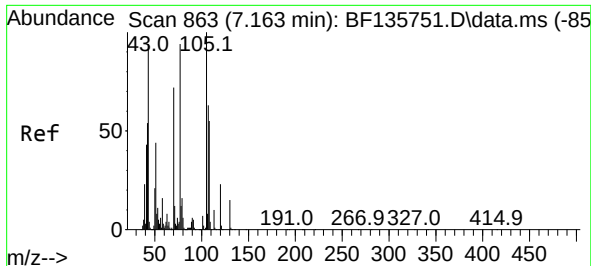


#18
Hexachloroethane
Concen: 43.853 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:117 Resp: 147355
Ion Ratio Lower Upper
117 100
119 97.2 79.5 119.3
201 92.2 80.9 121.3





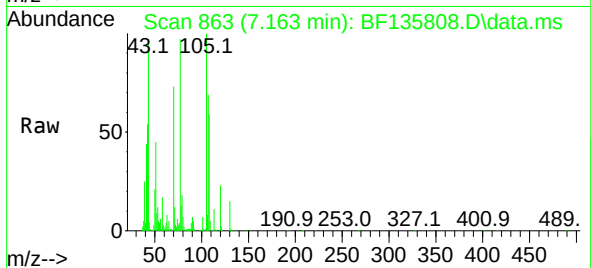
#19
n-Nitroso-di-n-propylamine
Concen: 39.891 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

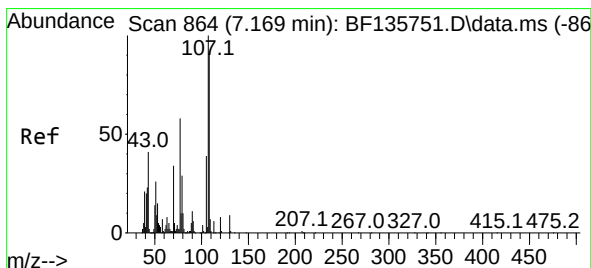
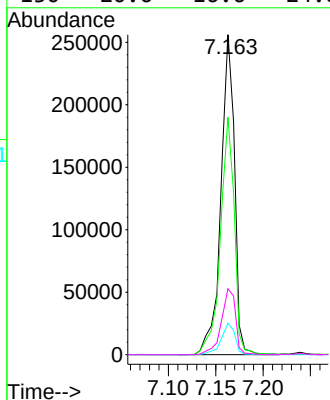
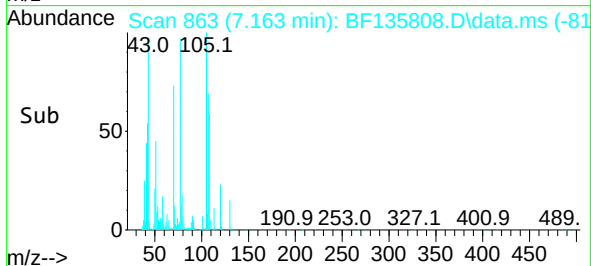


Tgt Ion: 70 Resp: 257528
Ion Ratio Lower Upper
70 100
42 74.2 59.8 89.6
101 9.8 7.4 11.2
130 20.6 16.6 24.8

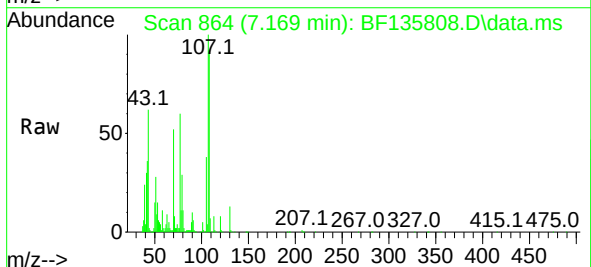
Manual Integrations

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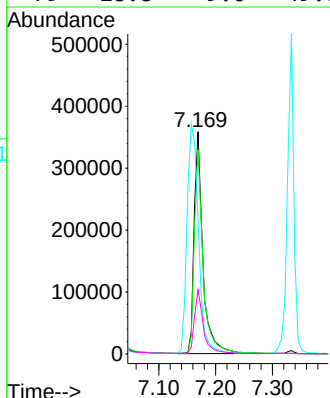
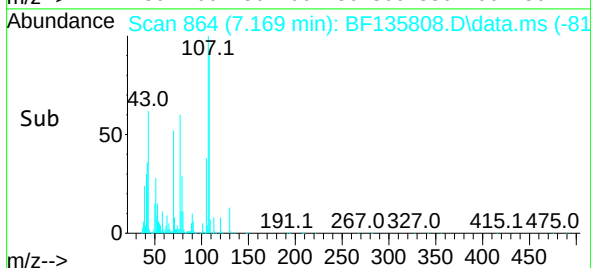
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

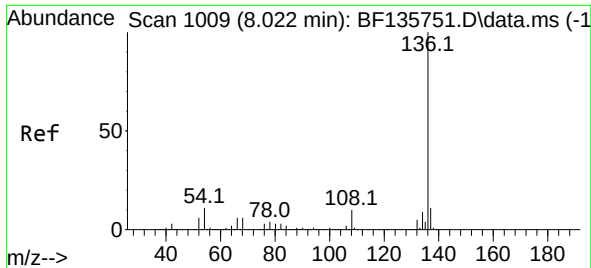


#20
3+4-Methylphenols
Concen: 40.027 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



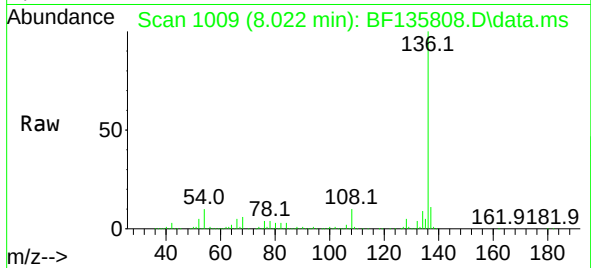
Tgt Ion:107 Resp: 389807
Ion Ratio Lower Upper
107 100
108 91.7 71.1 111.1
77 60.5 42.0 82.0
79 28.8 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

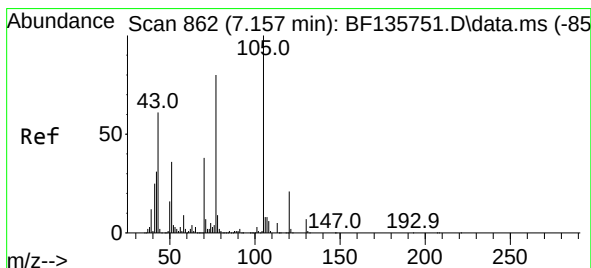
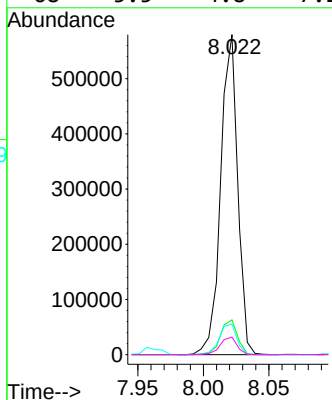
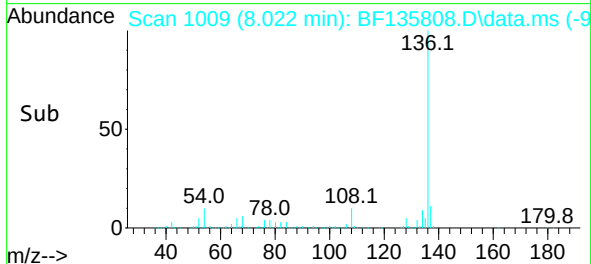
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



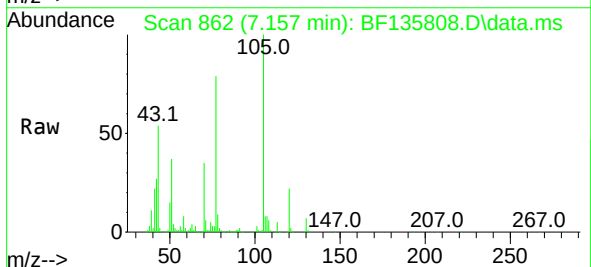
Tgt Ion:136 Resp: 522108
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.5 12.7
68 5.5 4.8 7.2

Manual Integrations
APPROVED

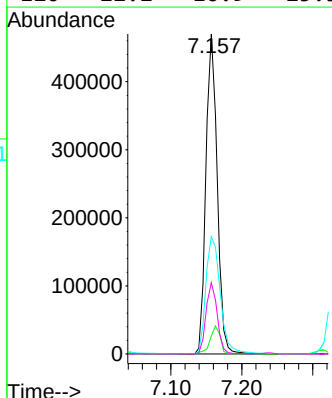
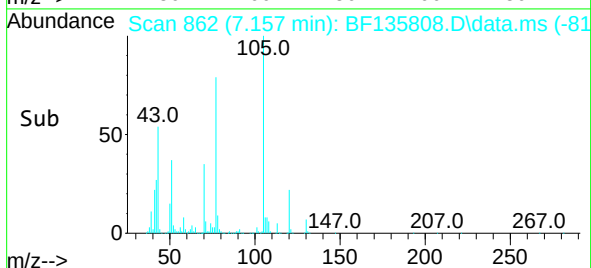
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

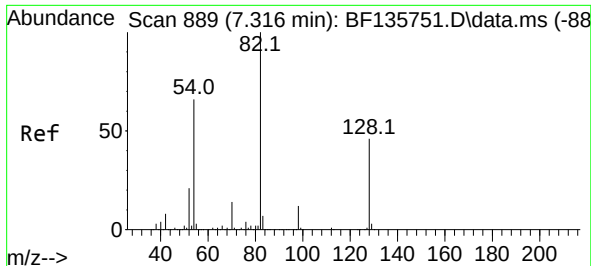


#22
Acetophenone
Concen: 43.478 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:105 Resp: 520607
Ion Ratio Lower Upper
105 100
71 5.6 5.4 8.0
51 36.6 29.4 44.0
120 22.2 16.9 25.3





#23

Nitrobenzene-d5

Concen: 81.862 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion: 82 Resp: 77712

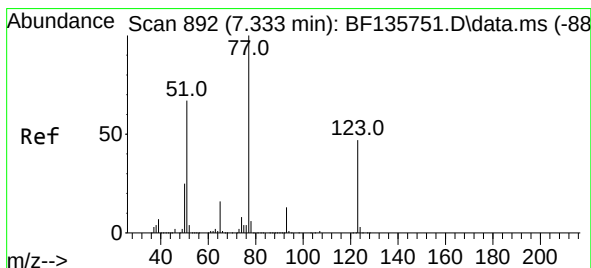
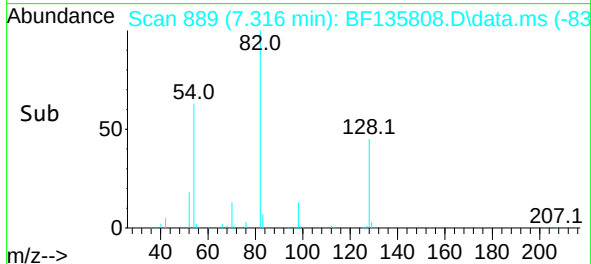
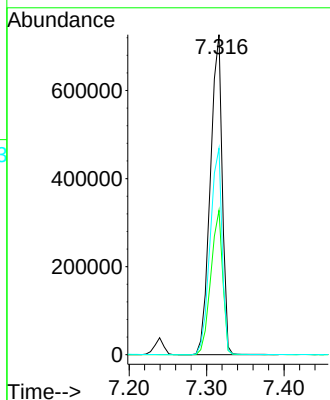
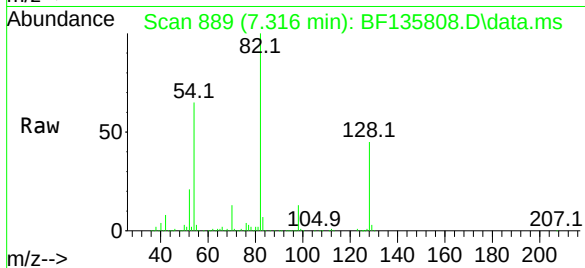
Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.6
54	64.5	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#24

Nitrobenzene

Concen: 42.707 ng

RT: 7.334 min Scan# 892

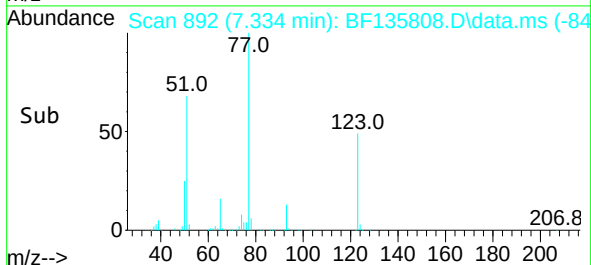
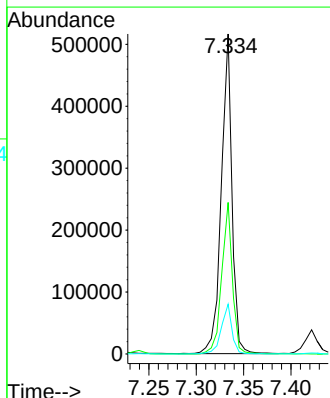
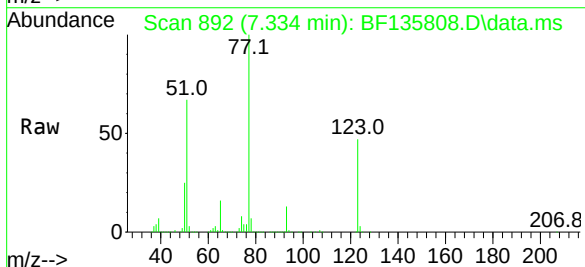
Delta R.T. -0.000 min

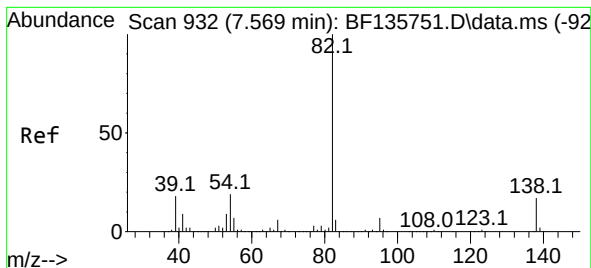
Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Tgt Ion: 77 Resp: 406890

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.3	55.9
65	15.5	12.6	18.8





#25

Isophorone

Concen: 40.615 ng

RT: 7.569 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

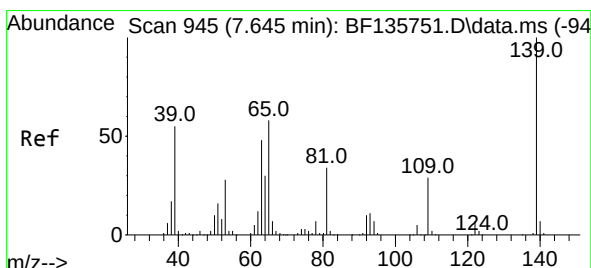
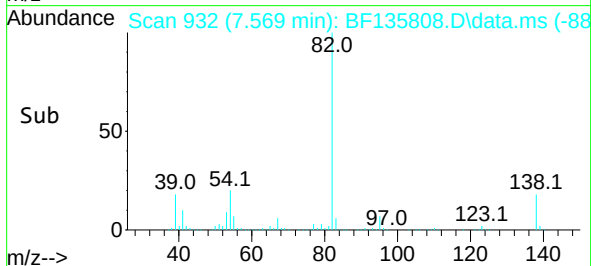
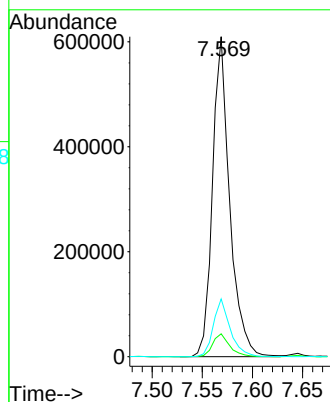
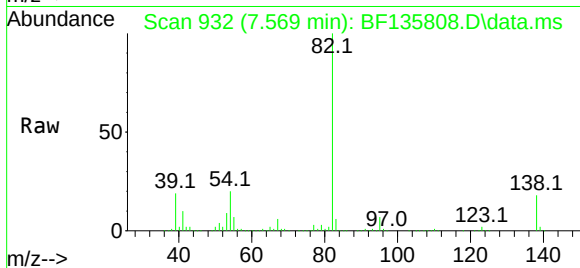
Tgt Ion: 82 Resp: 72737

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.0	13.9	20.9

Manual Integrations

APPROVED

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



#26

2-Nitrophenol

Concen: 43.137 ng

RT: 7.645 min Scan# 945

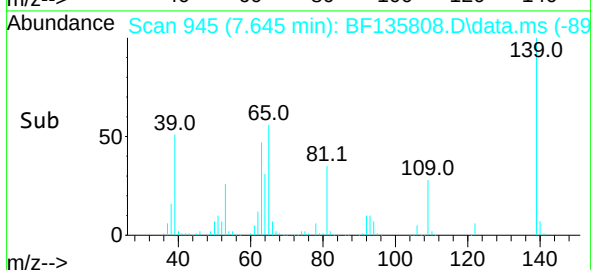
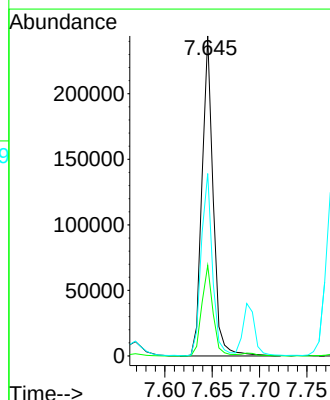
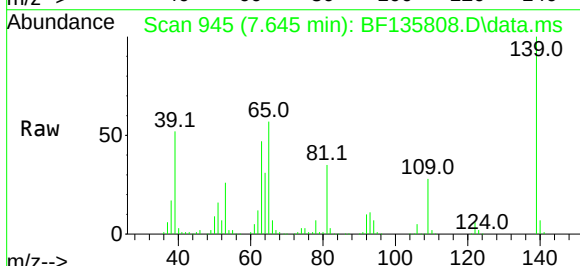
Delta R.T. -0.000 min

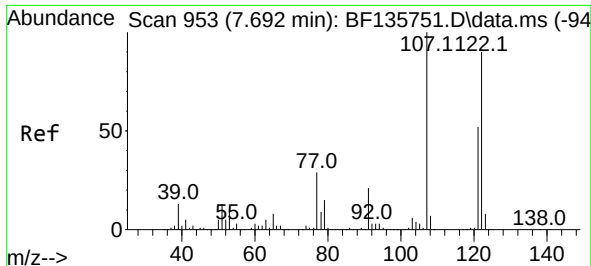
Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Tgt Ion:139 Resp: 200567

Ion	Ratio	Lower	Upper
139	100		
109	28.3	23.0	34.4
65	57.0	46.0	69.0





#27

2,4-Dimethylphenol

Concen: 40.249 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

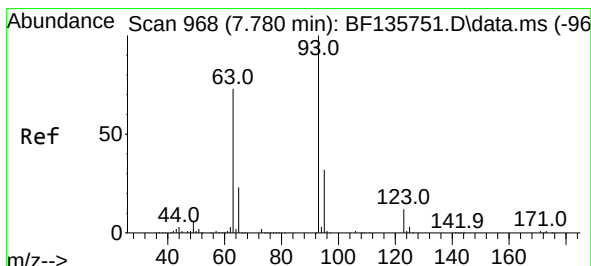
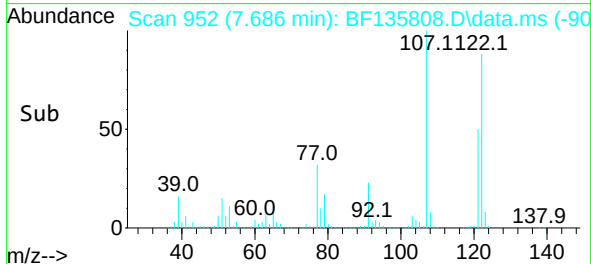
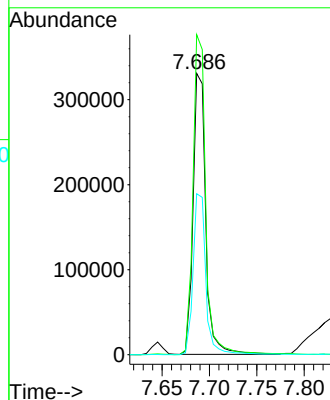
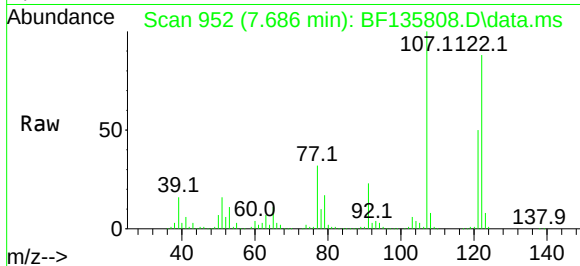
PB156372BSD

Tgt Ion:122 Resp: 30807
 Ion Ratio Lower Upper
 122 100
 107 113.8 88.2 132.4
 121 57.3 45.5 68.3

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.365 ng

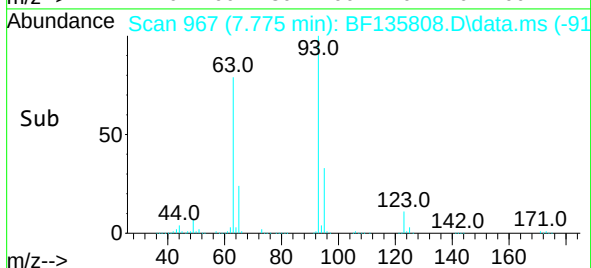
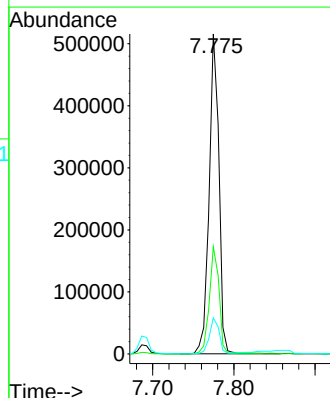
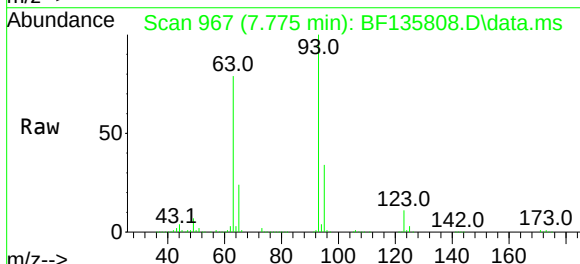
RT: 7.775 min Scan# 967

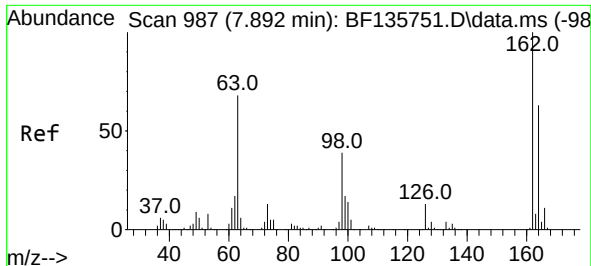
Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Tgt Ion: 93 Resp: 430515
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.7 38.5
 123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.370 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135808.D

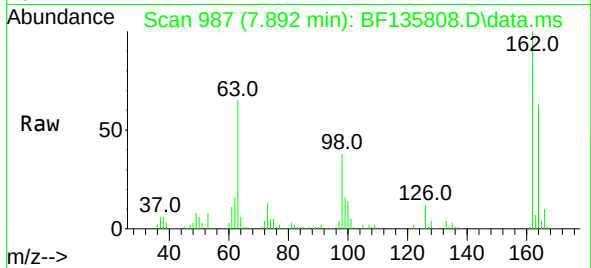
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



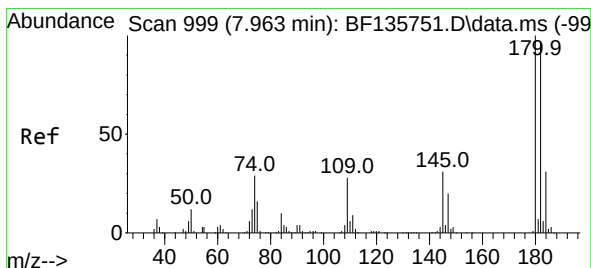
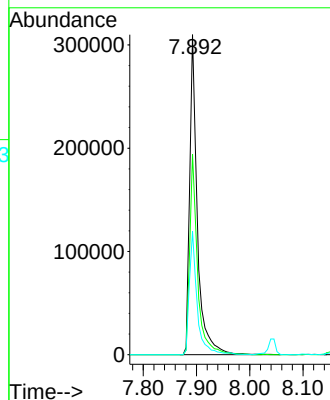
Tgt Ion:	162	Resp:	311094
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.4	83.4
98	38.5	19.0	59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.138 ng

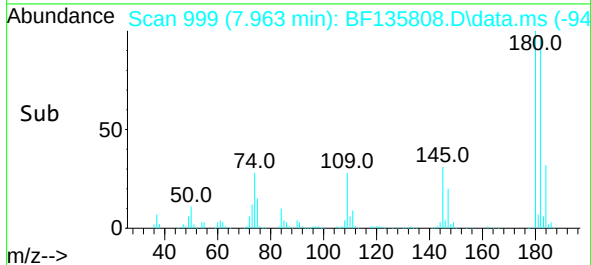
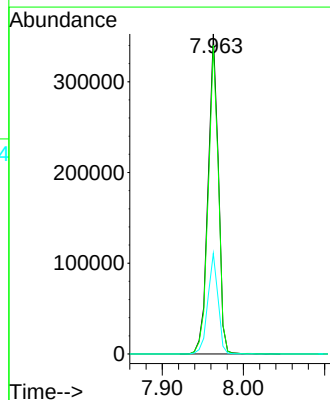
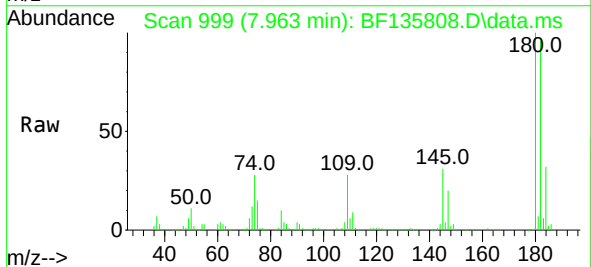
RT: 7.963 min Scan# 999

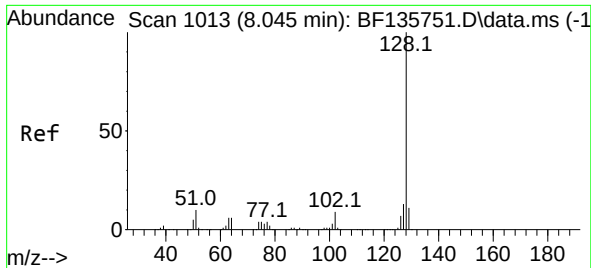
Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Tgt Ion:	180	Resp:	309144
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.4	114.6
145	31.4	25.0	37.6





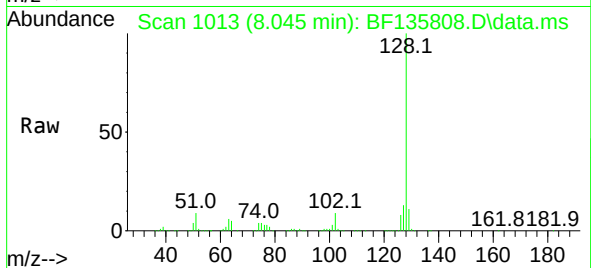
#31
Naphthalene
Concen: 40.753 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



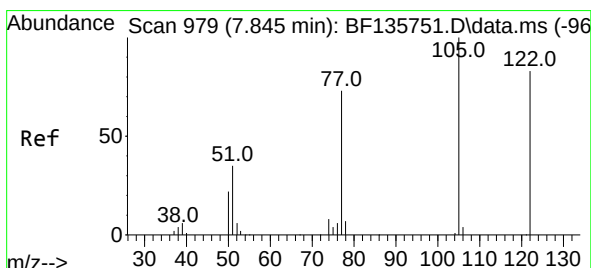
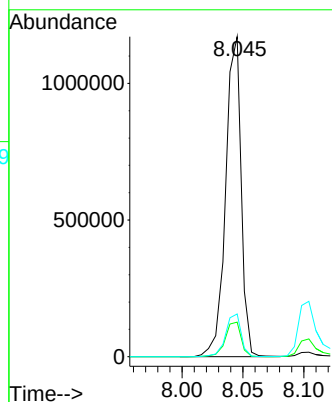
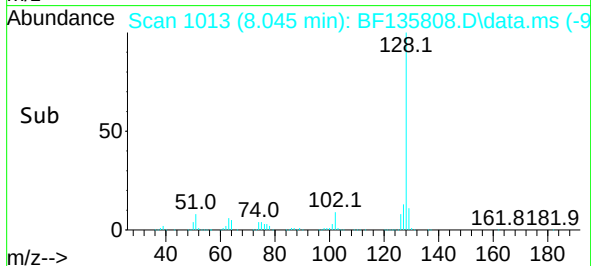
Tgt Ion:128 Resp: 1037819
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.2 15.4

Manual Integrations

APPROVED

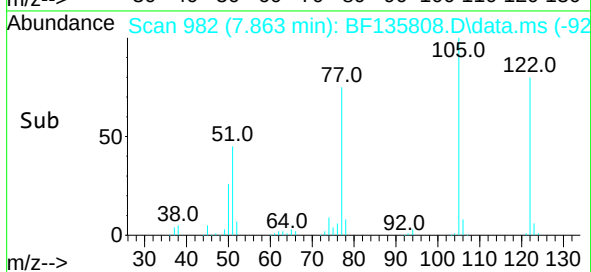
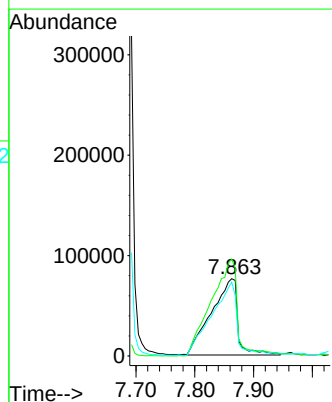
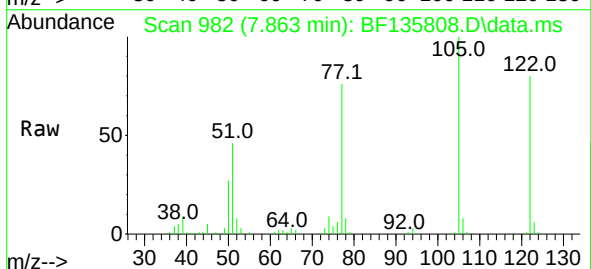
Reviewed By :Yogesh Patel 10/18/2023

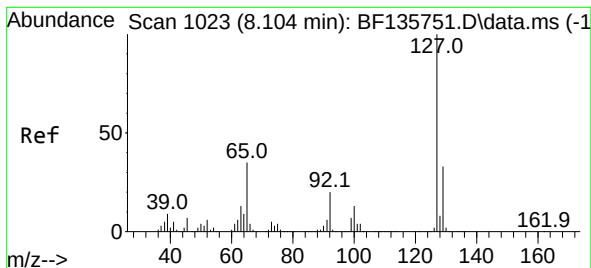
Supervised By :mohammad ahmed 10/18/2023



#32
Benzoic acid
Concen: 46.030 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:122 Resp: 238486
Ion Ratio Lower Upper
122 100
105 125.5 98.7 138.7
77 95.7 67.8 107.8





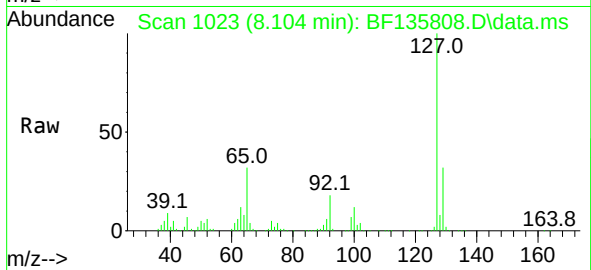
#33
4-Chloroaniline
Concen: 21.862 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

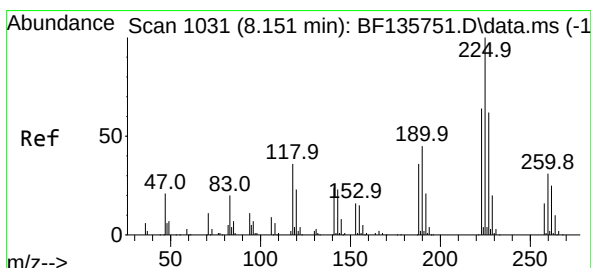
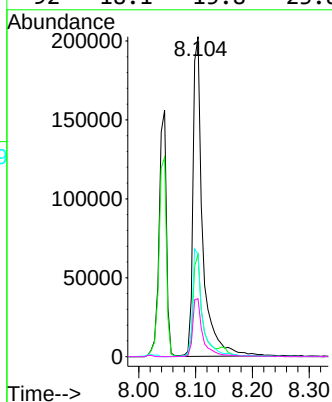
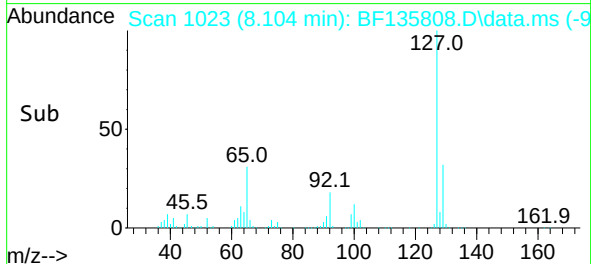


Tgt Ion:127 Resp: 243190
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 31.9 27.9 41.9
92 18.1 15.8 23.8

Manual Integrations

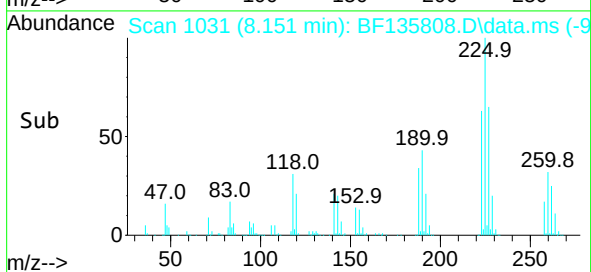
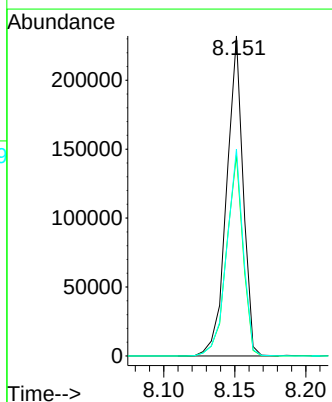
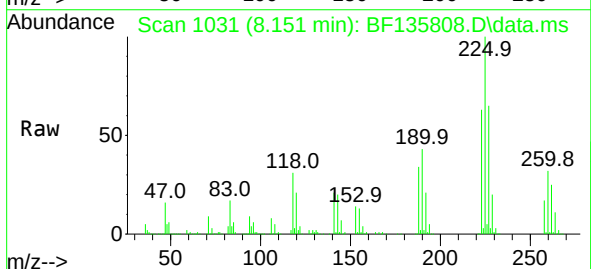
APPROVED

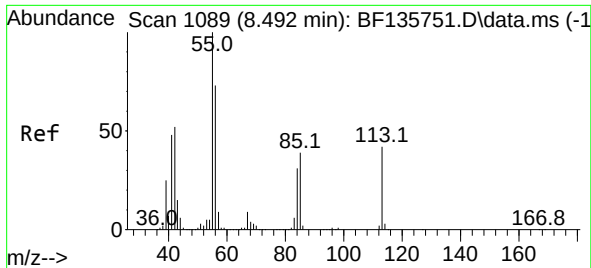
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Hexachlorobutadiene
Concen: 43.130 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

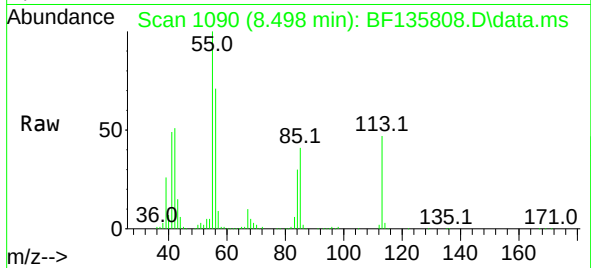
Tgt Ion:225 Resp: 187290
Ion Ratio Lower Upper
225 100
223 62.8 51.1 76.7
227 64.7 49.7 74.5





#35
Caprolactam
Concen: 45.571 ng m
RT: 8.498 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

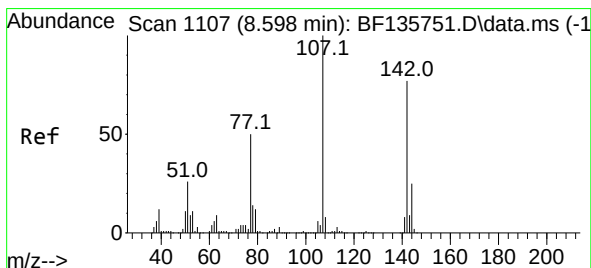
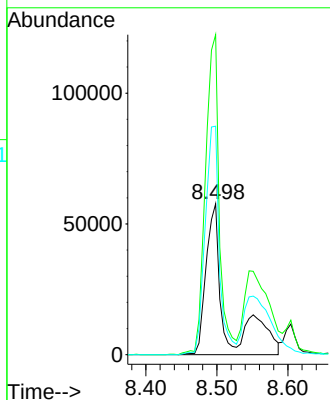
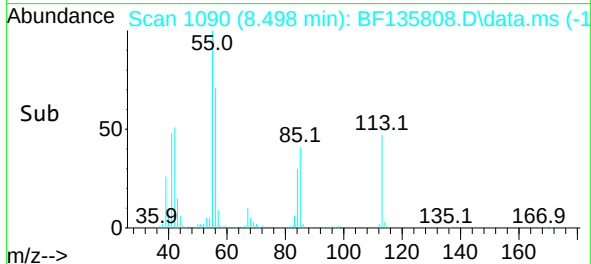
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



Tgt Ion:113 Resp: 11174
Ion Ratio Lower Upper
113 100
55 212.1 217.4 257.4
56 151.4 153.1 193.1

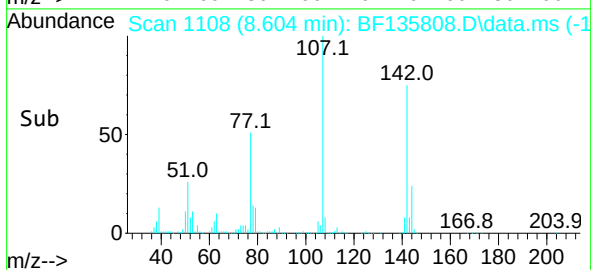
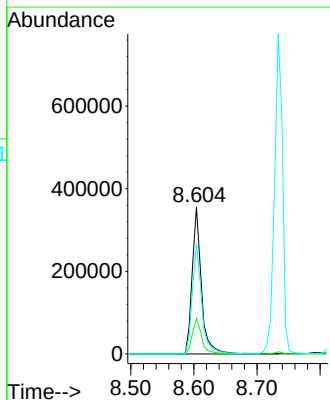
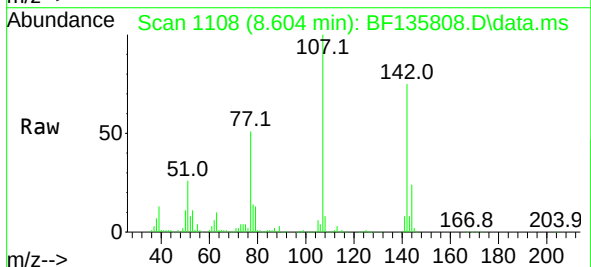
Manual Integrations
APPROVED

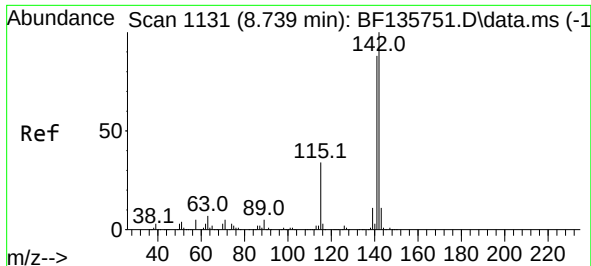
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#36
4-Chloro-3-methylphenol
Concen: 45.907 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:107 Resp: 365175
Ion Ratio Lower Upper
107 100
144 24.2 19.8 29.8
142 75.2 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.064 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion:142 Resp: 68898

Ion Ratio Lower Upper

142 100

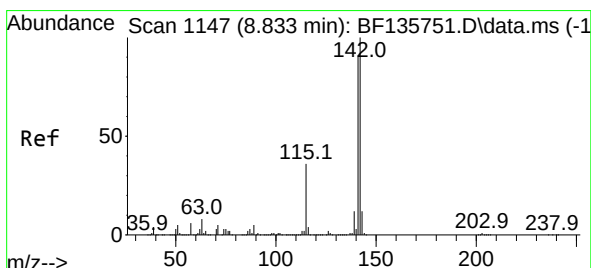
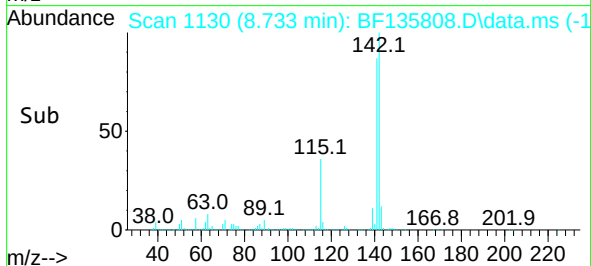
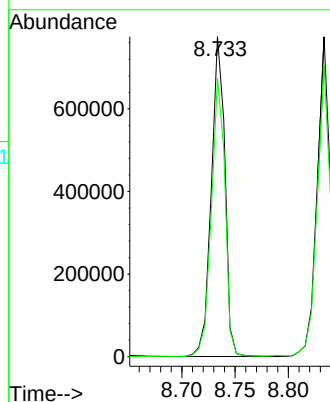
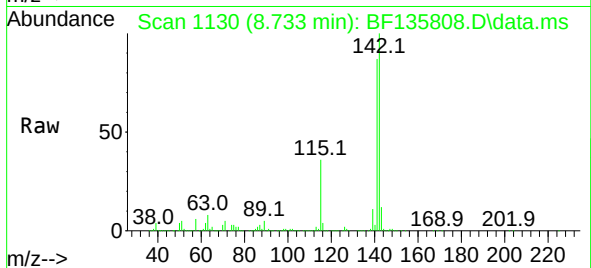
141 87.1 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#38

1-Methylnaphthalene

Concen: 42.134 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135808.D

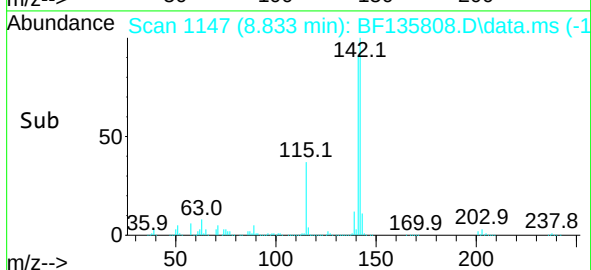
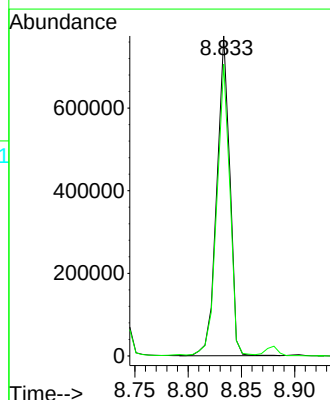
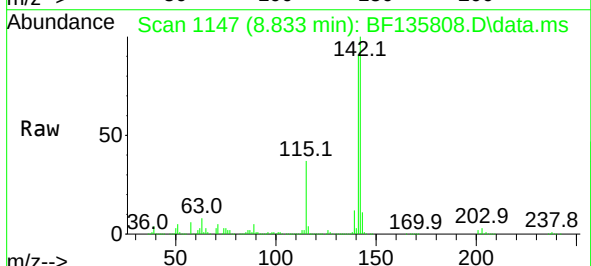
Acq: 17 Oct 2023 13:00

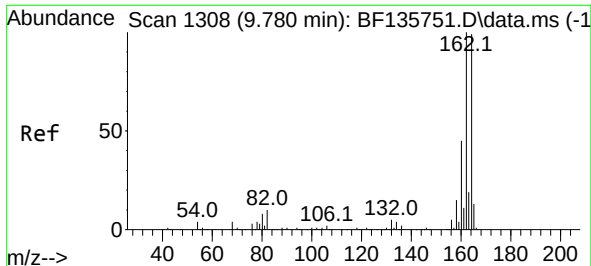
Tgt Ion:142 Resp: 652037

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1





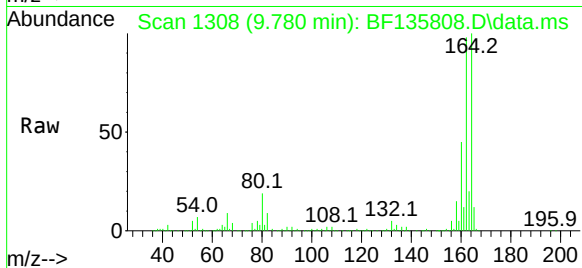
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

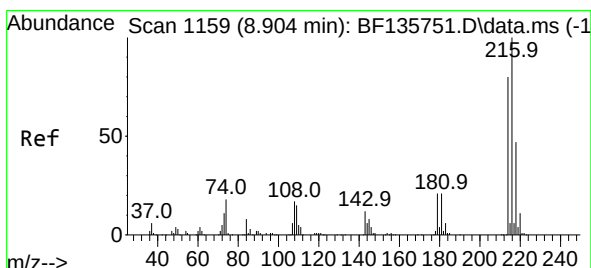
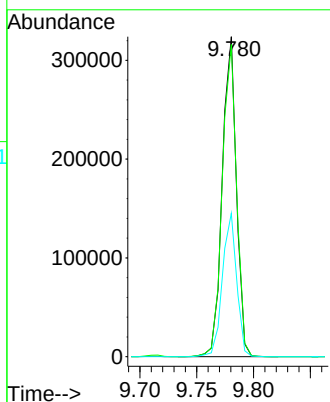
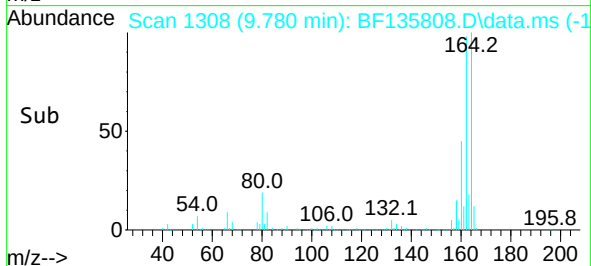


Tgt Ion:164 Resp: 28032
Ion Ratio Lower Upper
164 100
162 97.6 80.8 121.2
160 44.8 36.6 54.8

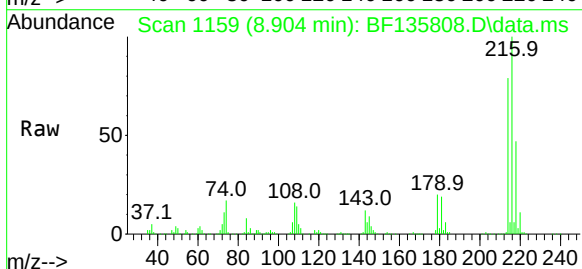
Manual Integrations

APPROVED

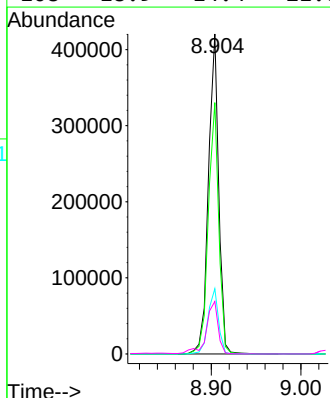
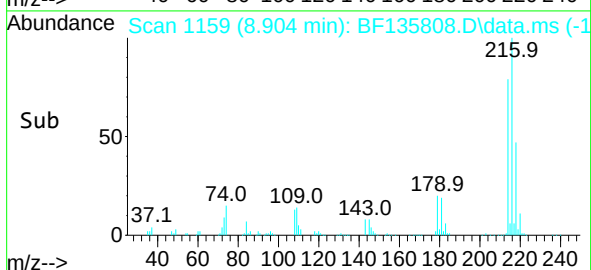
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

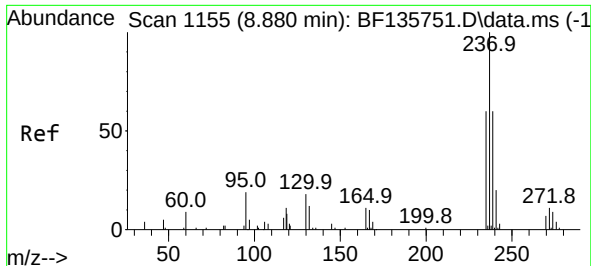


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.417 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:216 Resp: 333973
Ion Ratio Lower Upper
216 100
214 79.7 64.0 96.0
179 20.8 16.9 25.3
108 18.9 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 82.262 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

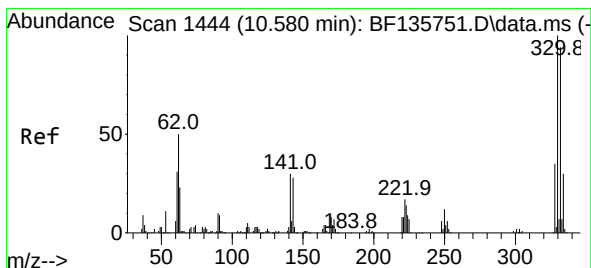
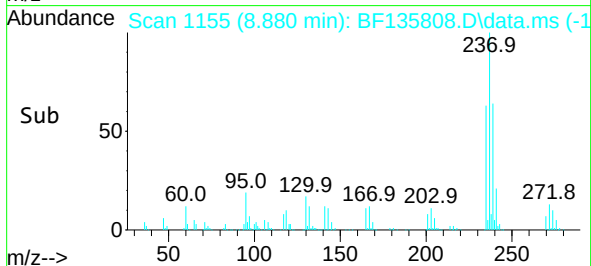
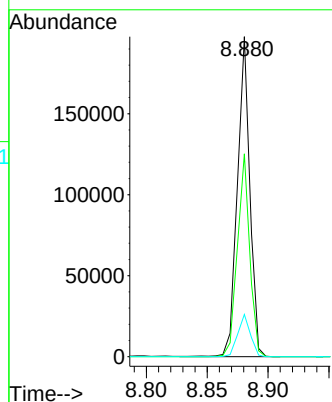
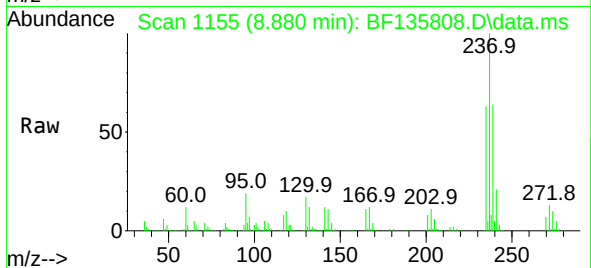
PB156372BSD

Tgt Ion:237 Resp: 140719
Ion Ratio Lower Upper
237 100
235 63.4 40.0 80.0
272 13.2 0.0 30.9

Manual Integrations

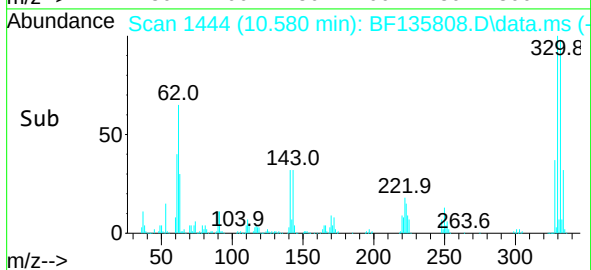
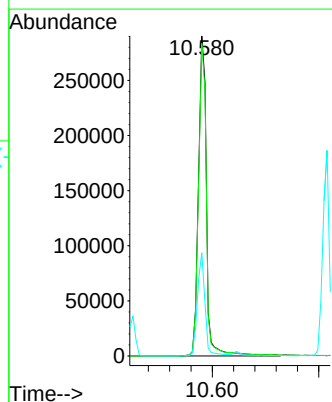
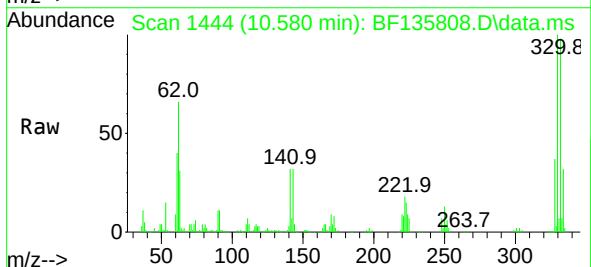
APPROVED

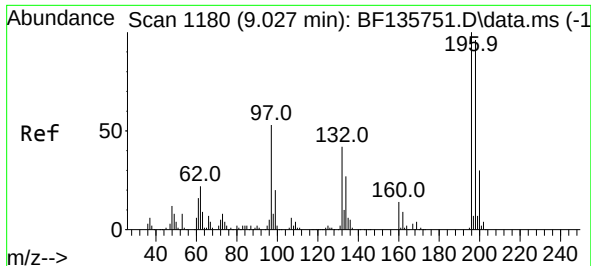
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#42
2,4,6-Tribromophenol
Concen: 112.612 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:330 Resp: 302917
Ion Ratio Lower Upper
330 100
332 96.3 75.0 112.4
141 30.4 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 41.944 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135808.D

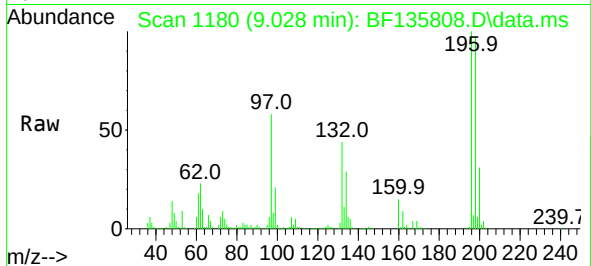
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



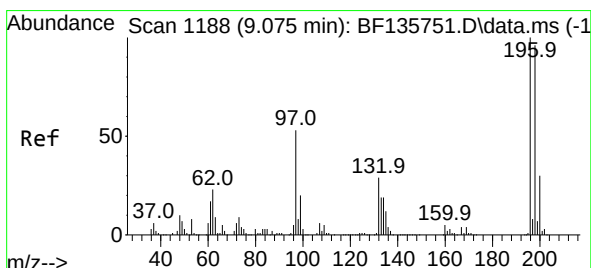
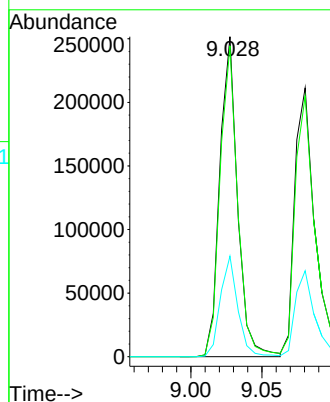
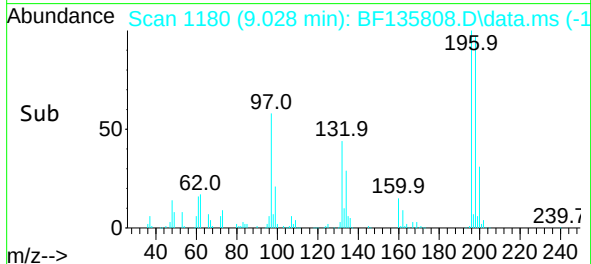
Tgt Ion:196	Resp:	21795
Ion Ratio	Lower	Upper
196	100	
198	97.2	76.7 115.1
200	31.4	24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#44

2,4,5-Trichlorophenol

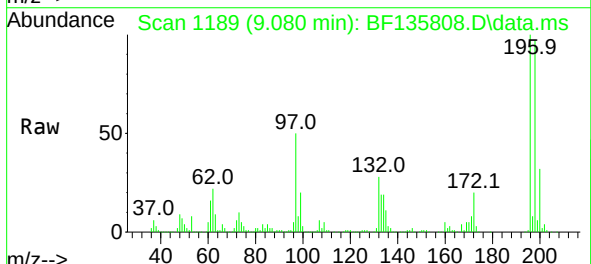
Concen: 37.983 ng

RT: 9.080 min Scan# 1189

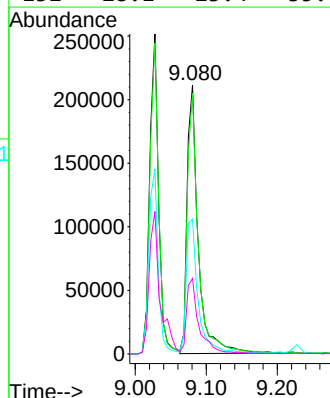
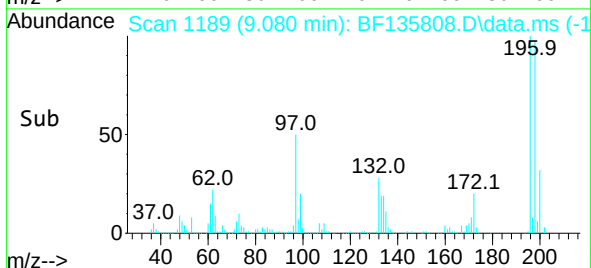
Delta R.T. -0.000 min

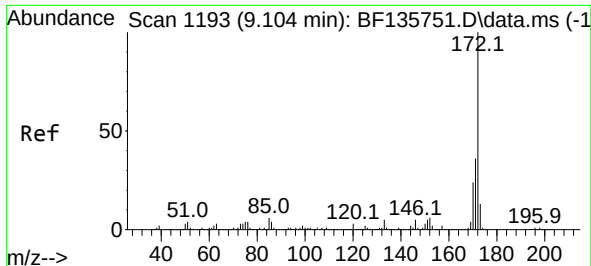
Lab File: BF135808.D

Acq: 17 Oct 2023 13:00



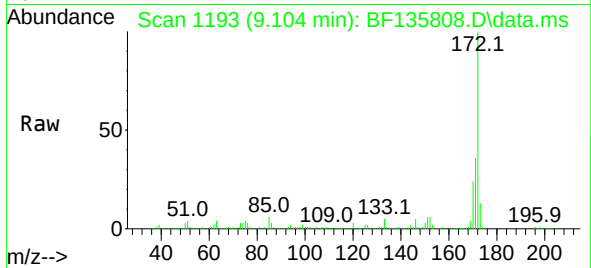
Tgt Ion:196	Resp:	229561
Ion Ratio	Lower	Upper
196	100	
198	97.0	77.0 115.6
97	50.2	42.2 63.2
132	28.1	23.4 35.0





#45
2-Fluorobiphenyl
Concen: 73.370 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

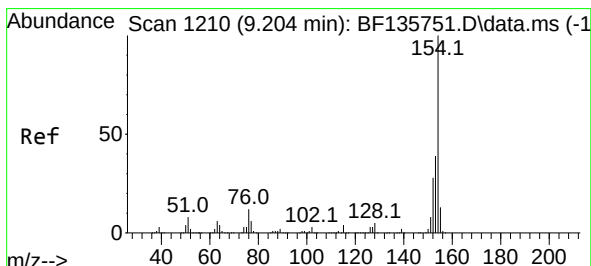
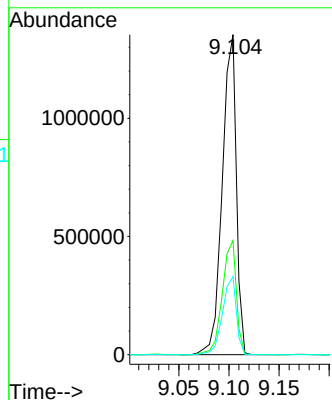
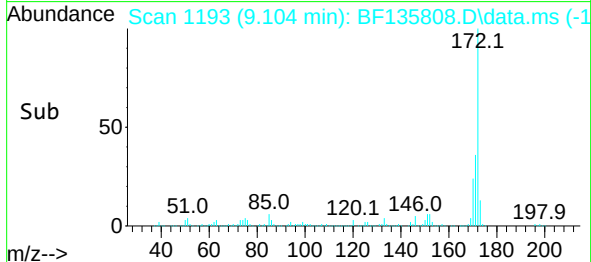
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



Tgt Ion:172 Resp: 1315449
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.4 18.8 28.2

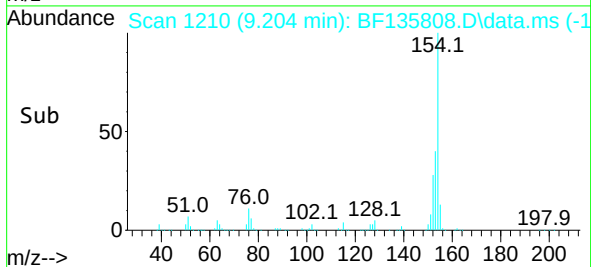
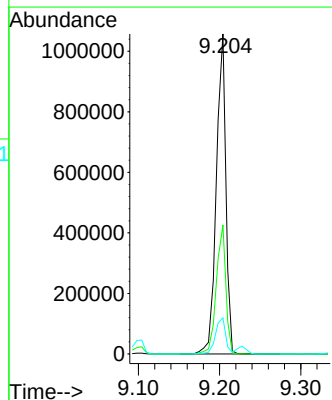
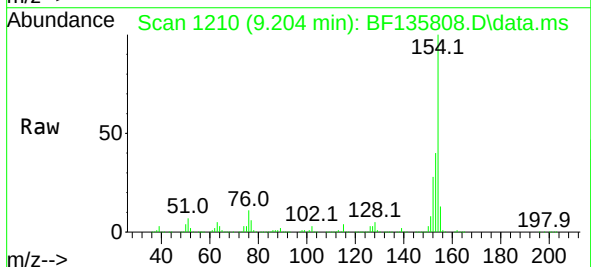
Manual Integrations
APPROVED

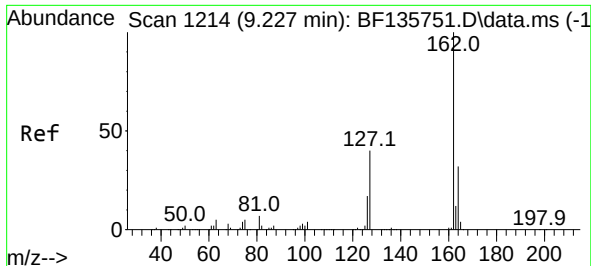
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#46
1,1'-Biphenyl
Concen: 40.027 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:154 Resp: 859497
Ion Ratio Lower Upper
154 100
153 40.3 19.4 59.4
76 11.3 0.0 31.7





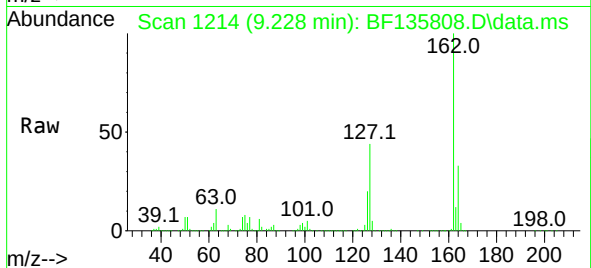
#47
2-Chloronaphthalene
Concen: 41.764 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

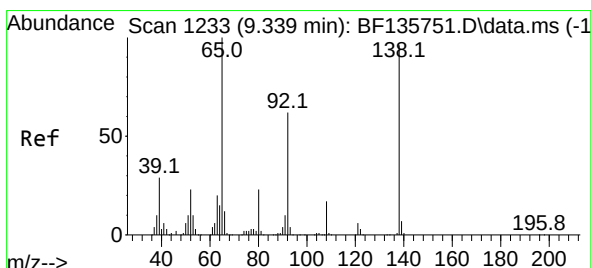
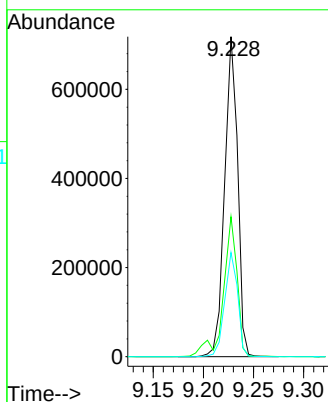
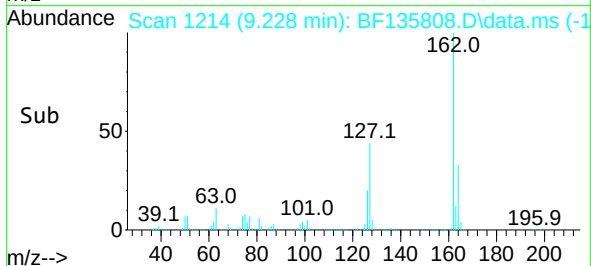


Tgt Ion:162 Resp: 646318
Ion Ratio Lower Upper
162 100
127 43.7 34.7 52.1
164 32.5 25.6 38.4

Manual Integrations

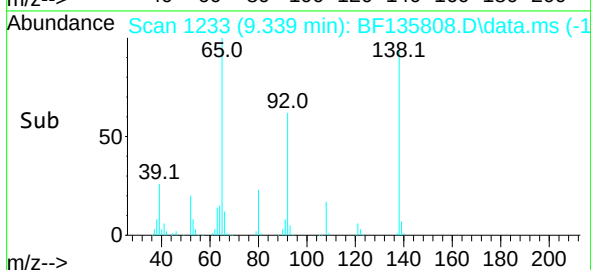
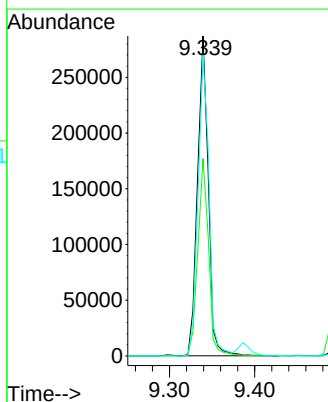
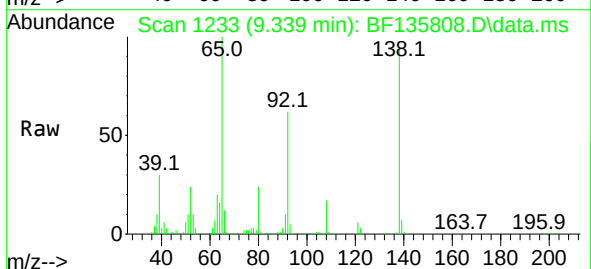
APPROVED

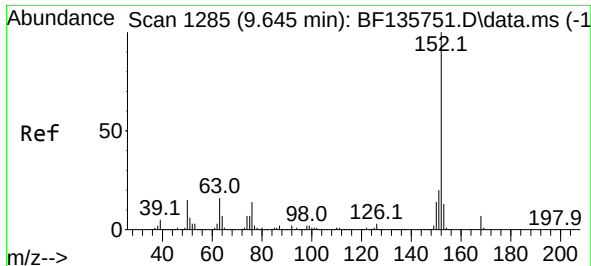
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2-Nitroaniline
Concen: 41.331 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion: 65 Resp: 252473
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 94.0 76.6 114.8





#49

Acenaphthylene

Concen: 41.094 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion:152 Resp: 1052439

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

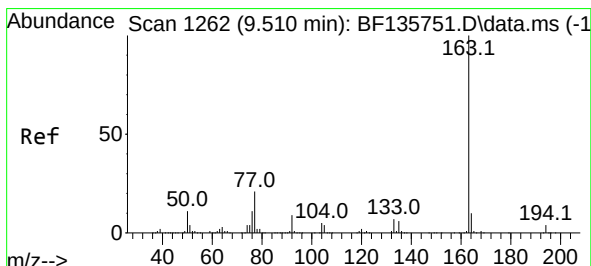
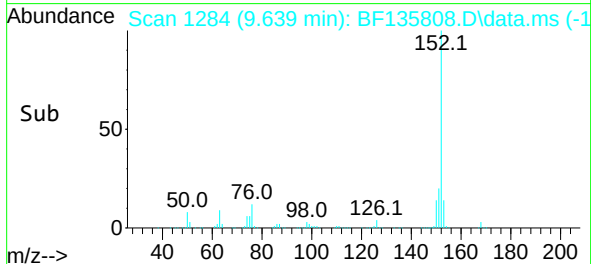
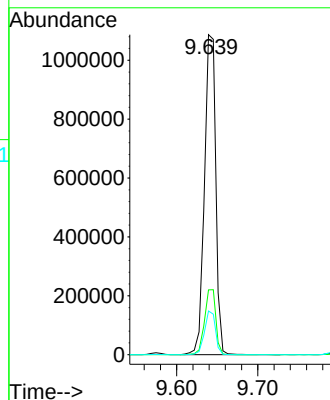
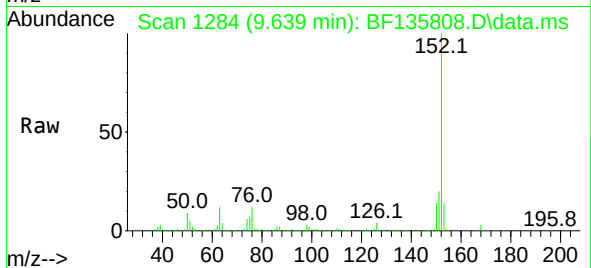
153 13.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#50

Dimethylphthalate

Concen: 41.685 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

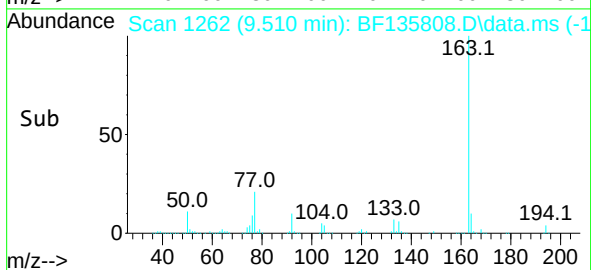
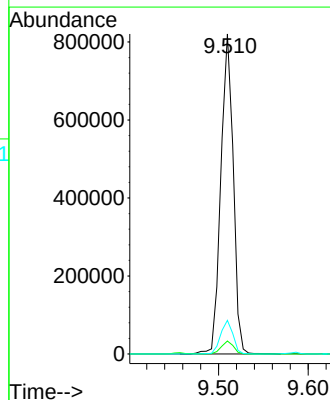
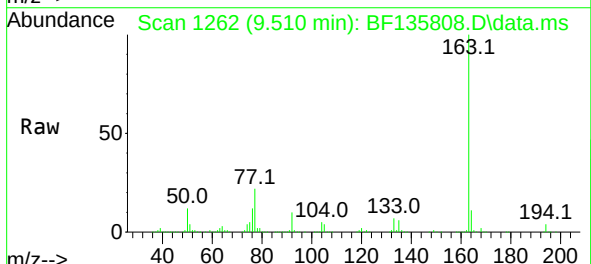
Tgt Ion:163 Resp: 788824

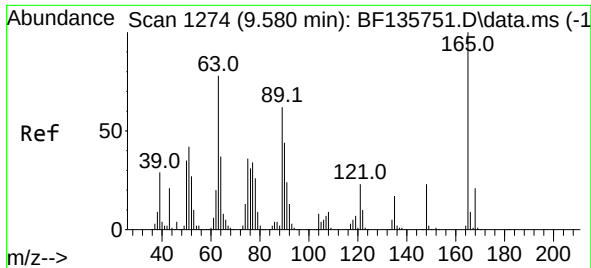
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

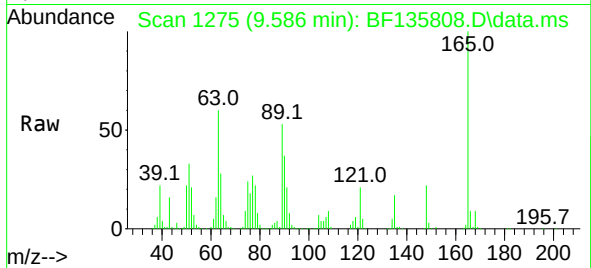
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.236 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

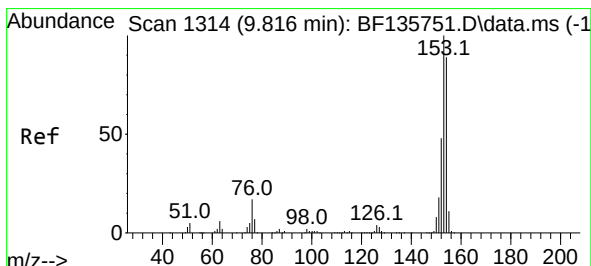
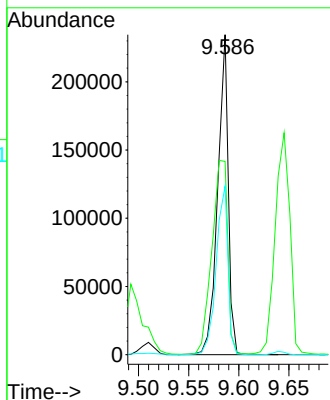
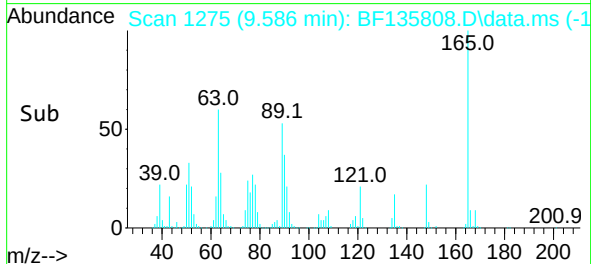
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



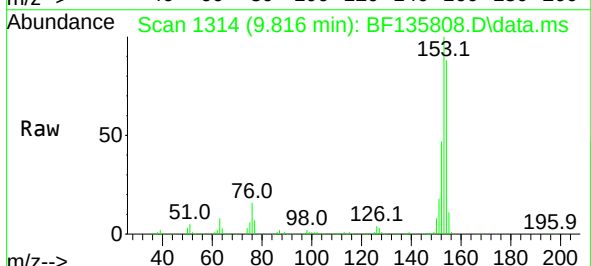
Tgt Ion:165 Resp: 171875
Ion Ratio Lower Upper
165 100
63 60.4 62.2 93.4
89 52.7 49.6 74.4

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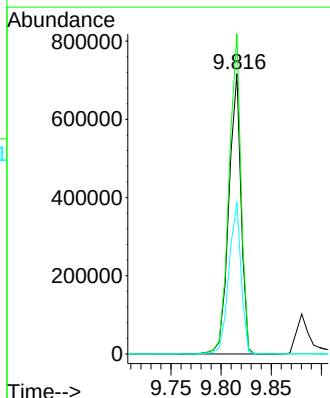
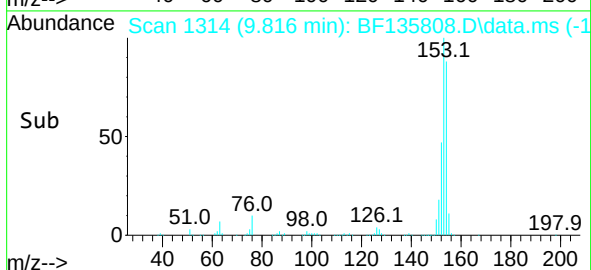
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

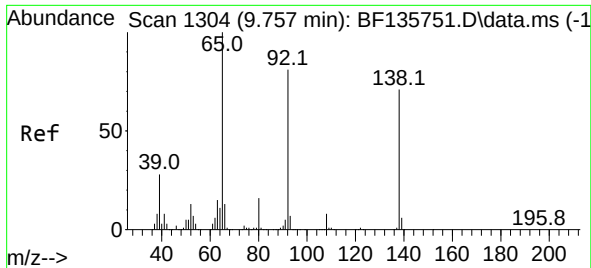


#52
Acenaphthene
Concen: 39.640 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:154 Resp: 608487
Ion Ratio Lower Upper
154 100
153 114.2 90.1 135.1
152 53.7 43.1 64.7





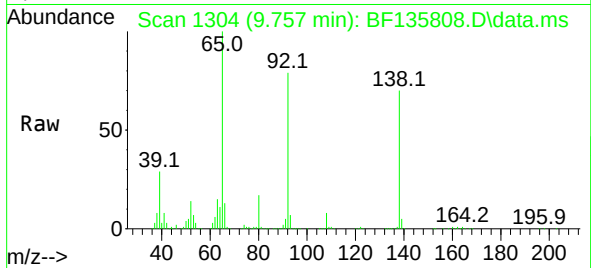
#53
3-Nitroaniline
Concen: 31.828 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



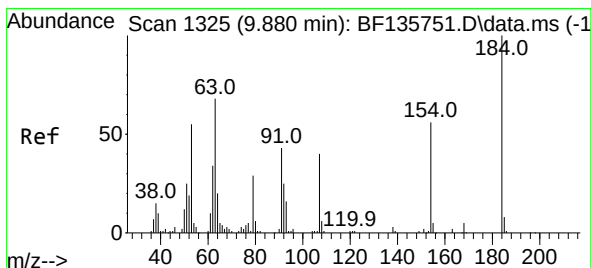
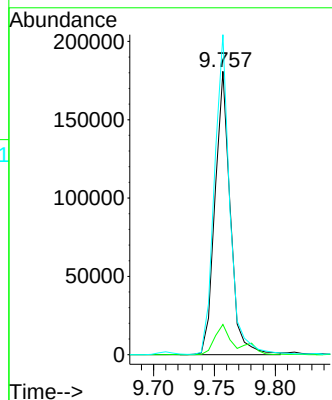
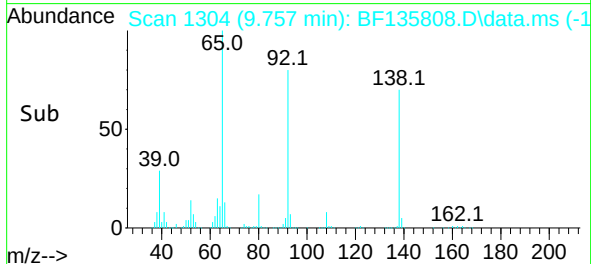
Tgt Ion:138 Resp: 158770
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 113.0 91.3 136.9

Manual Integrations

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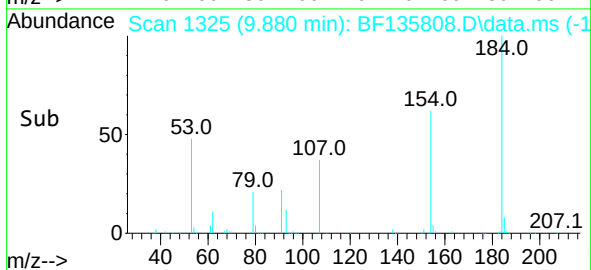
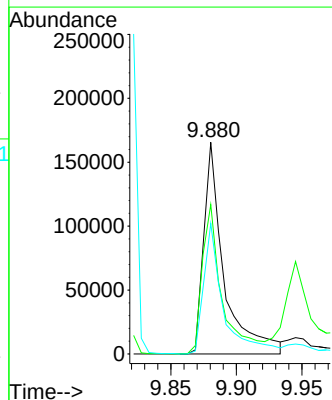
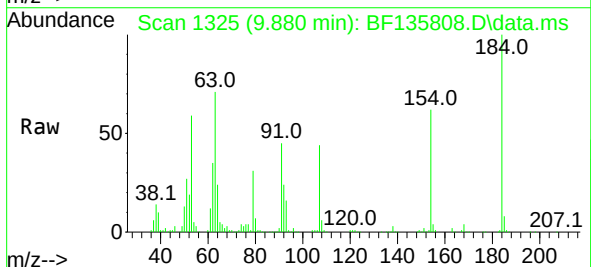
Reviewed By :Yogesh Patel 10/18/2023

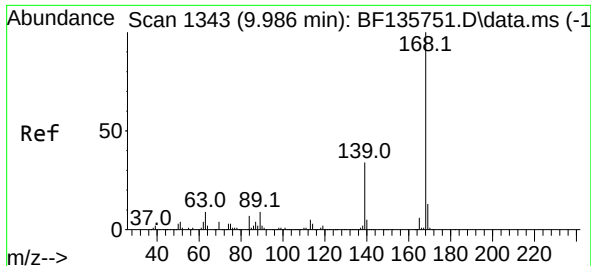
Supervised By :mohammad ahmed 10/18/2023



#54
2,4-Dinitrophenol
Concen: 105.217 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:184 Resp: 178731
Ion Ratio Lower Upper
184 100
63 70.6 54.6 81.8
154 61.7 45.0 67.4





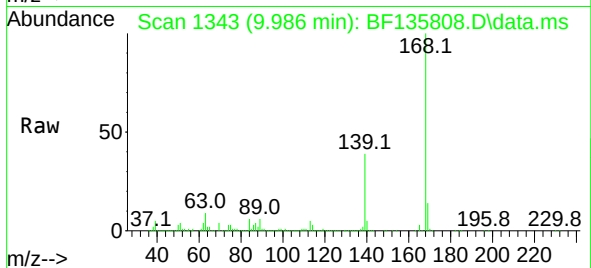
#55
Dibenzenofuran
Concen: 40.863 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



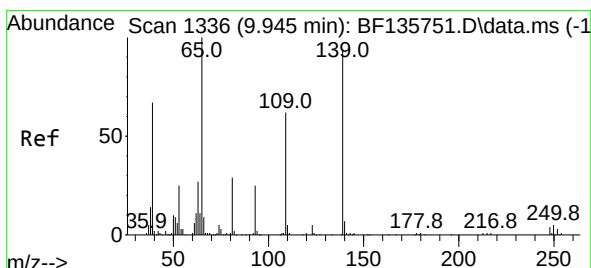
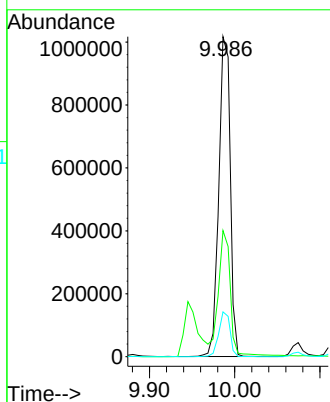
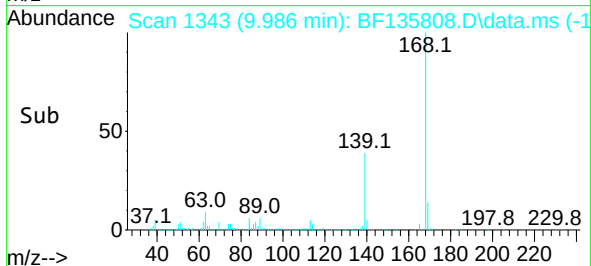
Tgt Ion:168 Resp: 946452
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.4
169 14.0 10.7 16.1

Manual Integrations

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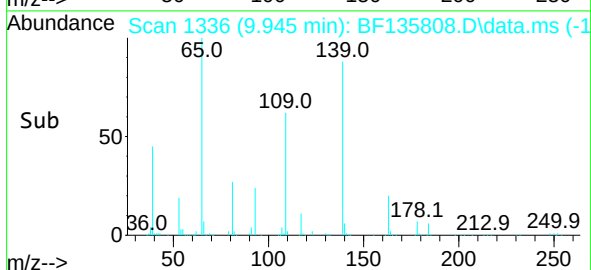
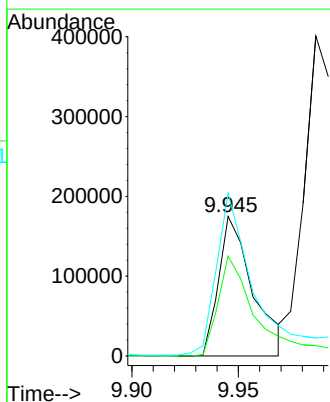
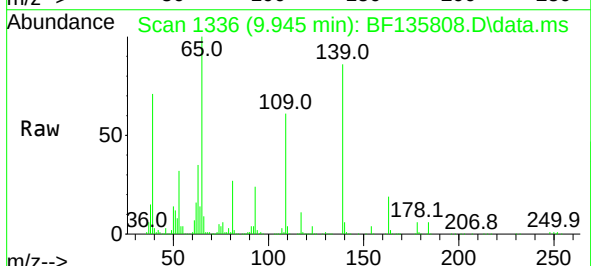
Reviewed By :Yogesh Patel 10/18/2023

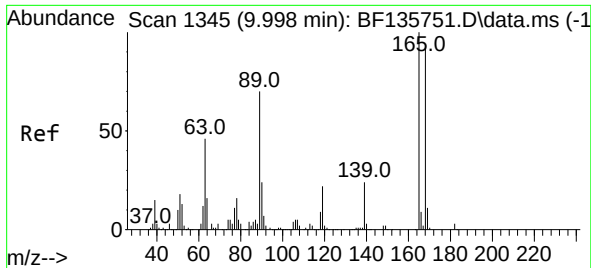
Supervised By :mohammad ahmed 10/18/2023



#56
4-Nitrophenol
Concen: 85.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:139 Resp: 195124
Ion Ratio Lower Upper
139 100
109 71.6 45.6 85.6
65 116.7 87.5 127.5





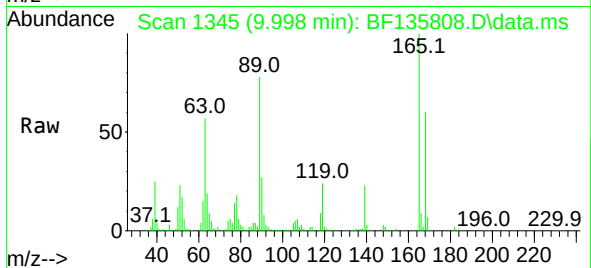
#57
2,4-Dinitrotoluene
Concen: 43.642 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



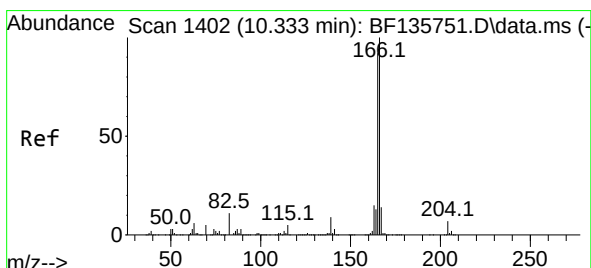
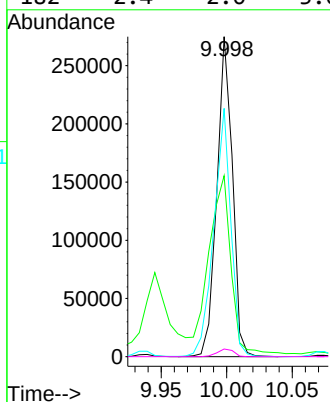
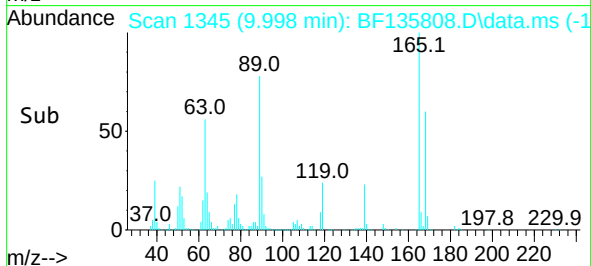
Tgt Ion:165 Resp: 225940
Ion Ratio Lower Upper
165 100
63 56.5 39.0 58.4
89 77.6 55.9 83.9
182 2.4 2.0 3.0

Manual Integrations

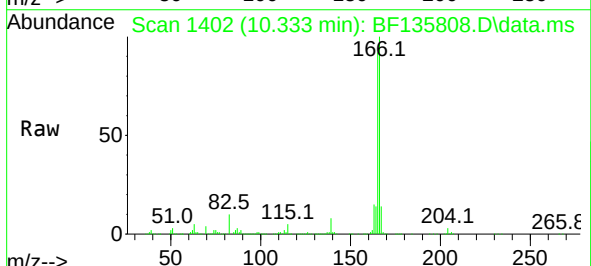
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

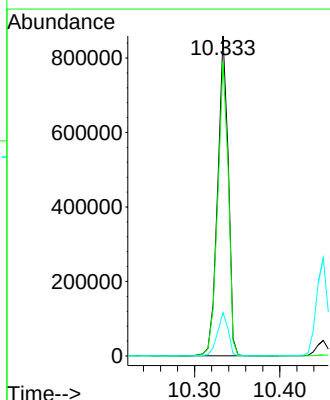
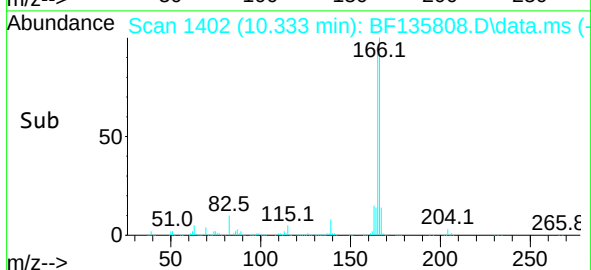
Supervised By :mohammad ahmed 10/18/2023

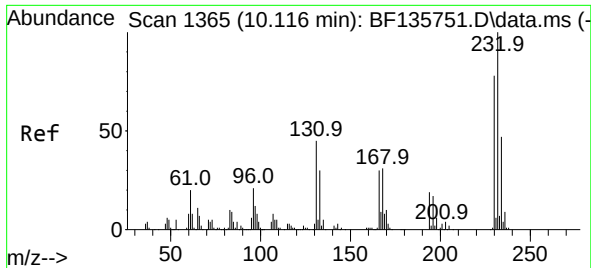


#58
Fluorene
Concen: 40.688 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



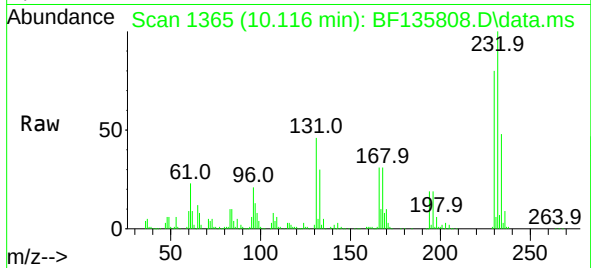
Tgt Ion:166 Resp: 737771
Ion Ratio Lower Upper
166 100
165 91.9 73.4 110.0
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.627 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

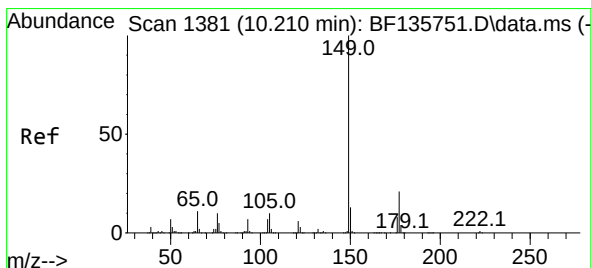
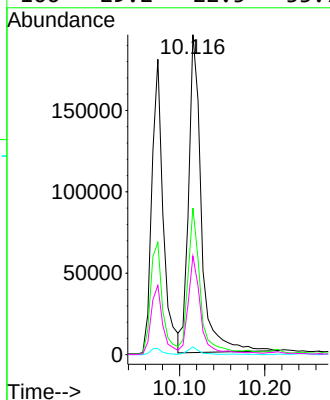
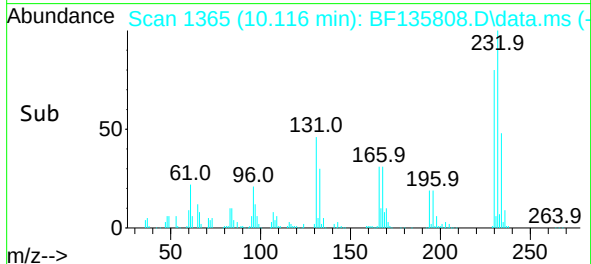
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



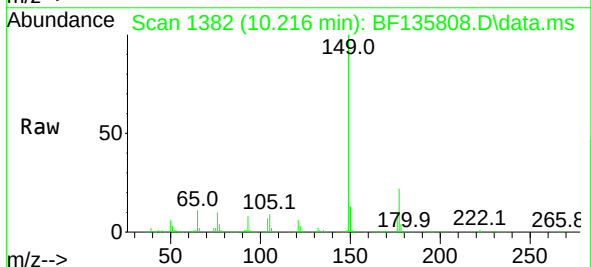
Tgt Ion:232 Resp: 20383
Ion Ratio Lower Upper
232 100
131 41.1 35.8 53.6
130 2.3 1.9 2.9
166 29.2 22.5 33.7

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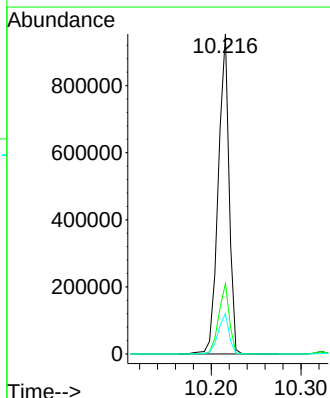
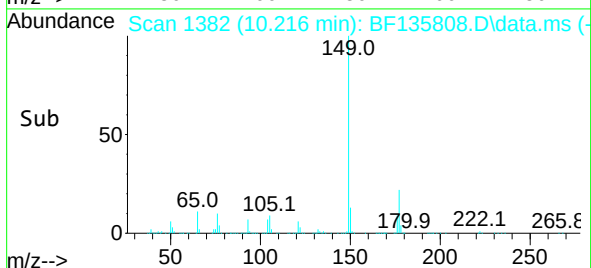
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

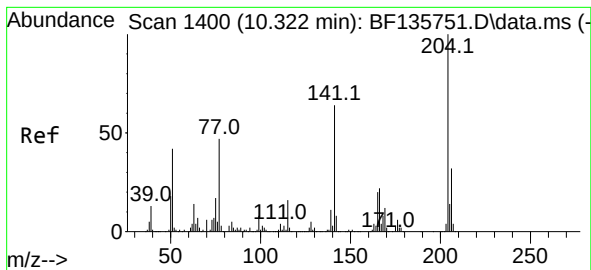


#60
Diethylphthalate
Concen: 41.311 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



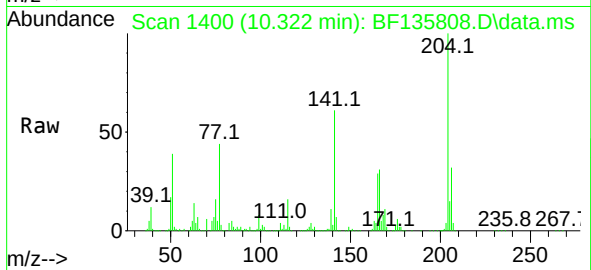
Tgt Ion:149 Resp: 798079
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.798 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

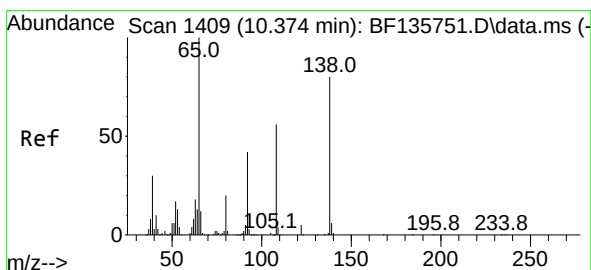
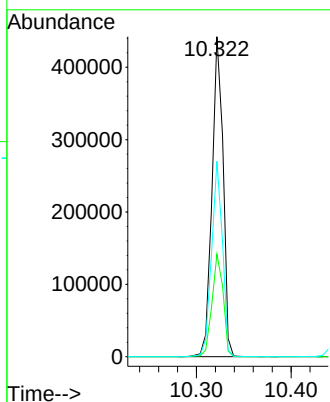
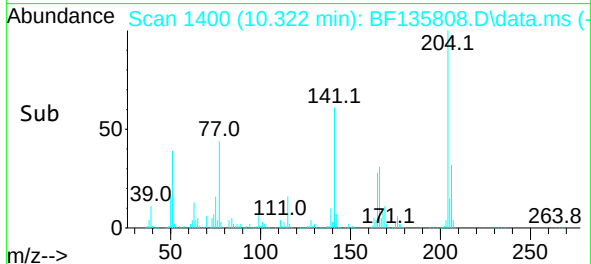
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



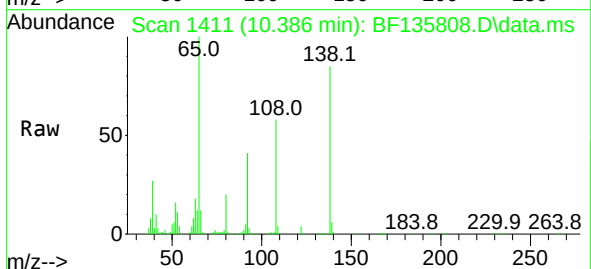
Tgt Ion:204 Resp: 357540
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 61.0 51.4 77.0

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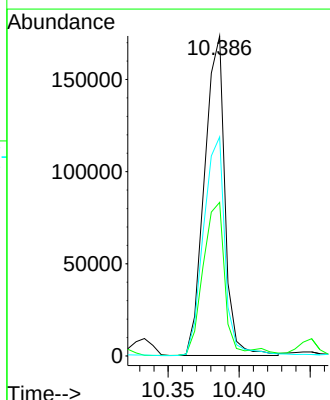
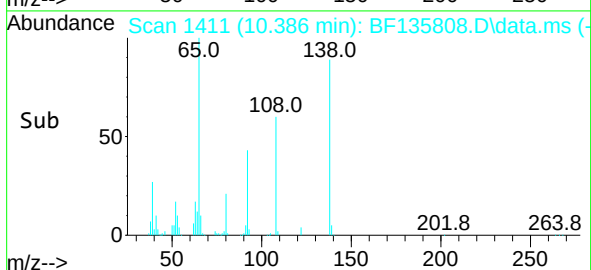
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

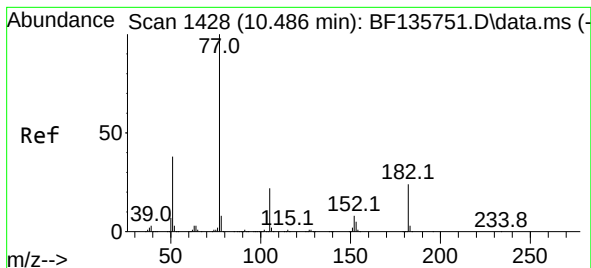


#62
4-Nitroaniline
Concen: 37.887 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



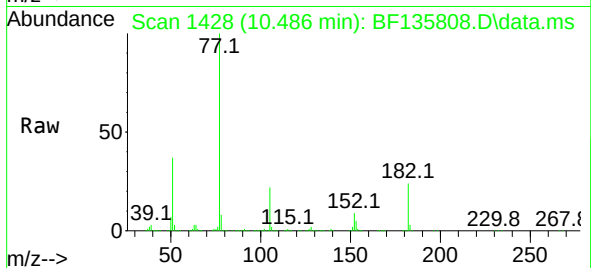
Tgt Ion:138 Resp: 173894
Ion Ratio Lower Upper
138 100
92 48.0 31.9 71.9
108 68.5 49.7 89.7





#63
Azobenzene
Concen: 38.855 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

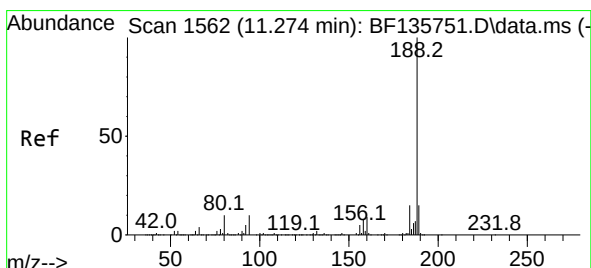
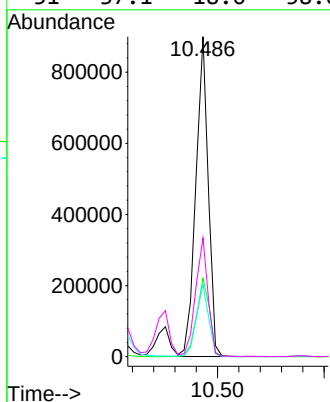
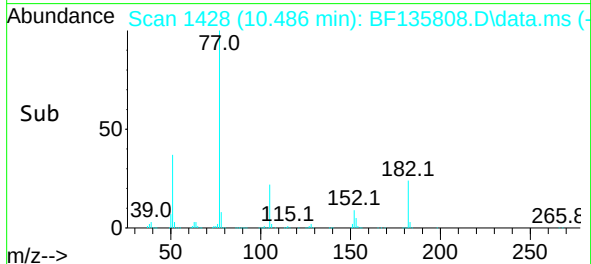
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



Tgt Ion: 77 Resp: 72928
Ion Ratio Lower Upper
77 100
182 24.5 3.5 43.5
105 22.5 2.2 42.2
51 37.1 18.0 58.0

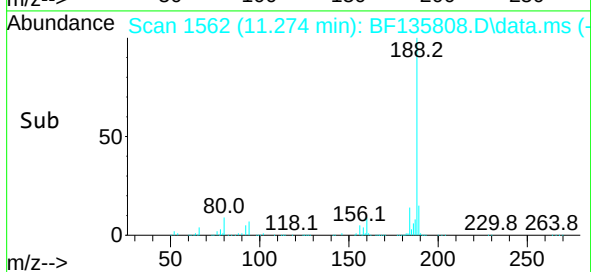
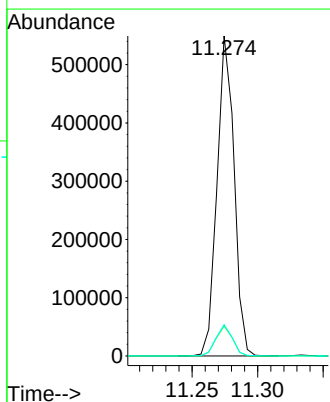
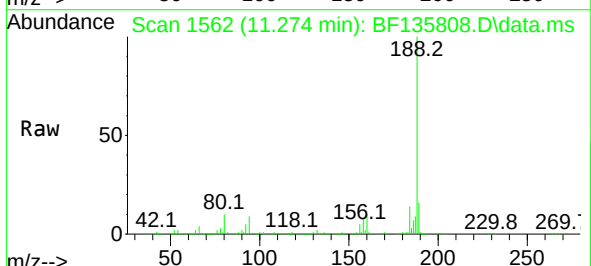
Manual Integrations
APPROVED

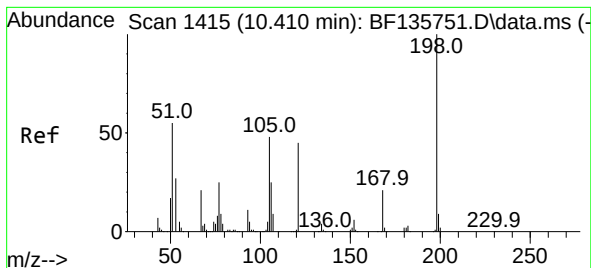
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Tgt Ion:188 Resp: 496469
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 9.8 8.3 12.5





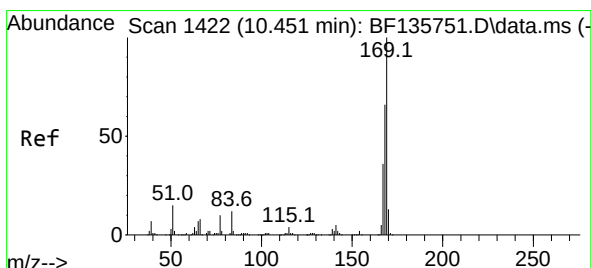
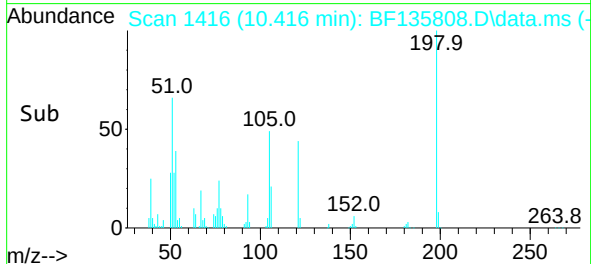
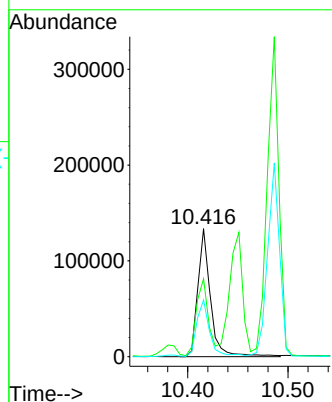
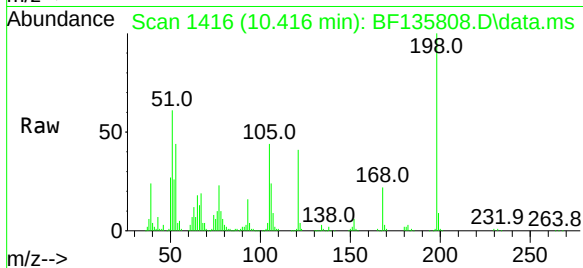
#65
4,6-Dinitro-2-methylphenol
Concen: 46.743 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

Instrument :
BNA_F
ClientSampleId :
PB156372BSD

Tgt Ion:198 Resp: 116789
Ion Ratio Lower Upper
198 100
51 60.9 47.6 87.6
105 44.4 29.2 69.2

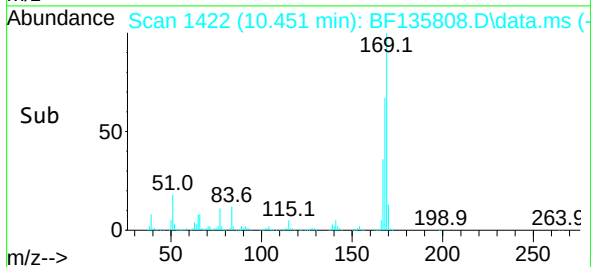
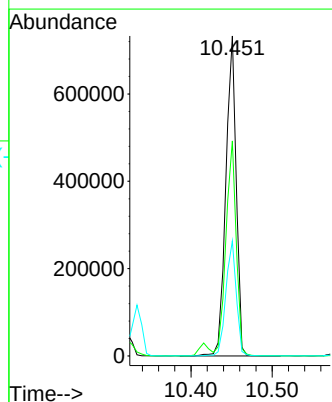
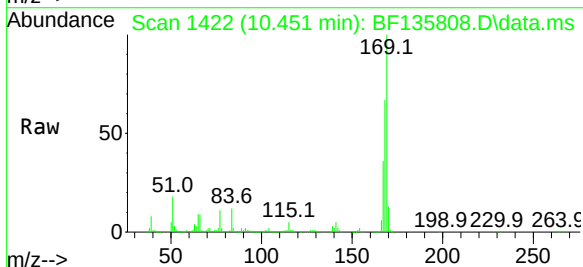
Manual Integrations
APPROVED

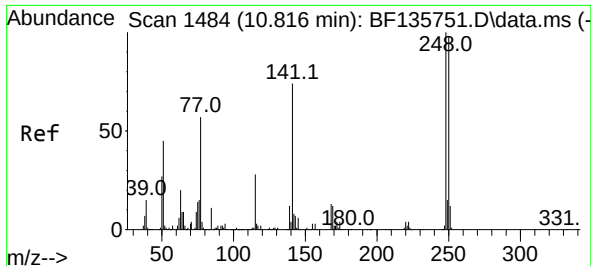
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#66
n-Nitrosodiphenylamine
Concen: 43.254 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

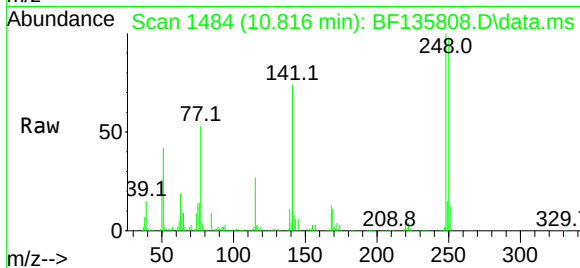
Tgt Ion:169 Resp: 654528
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.221 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

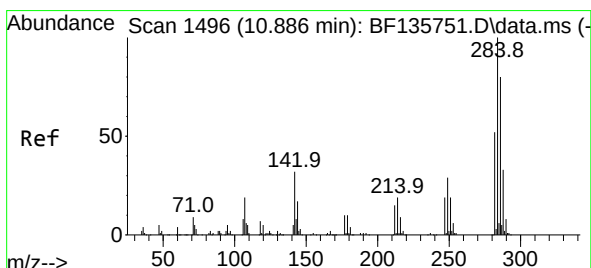
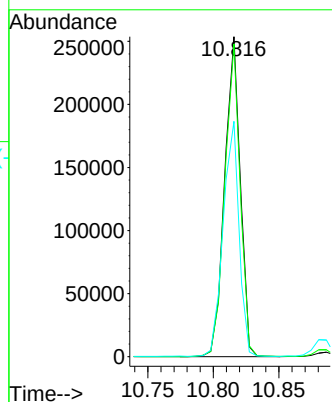
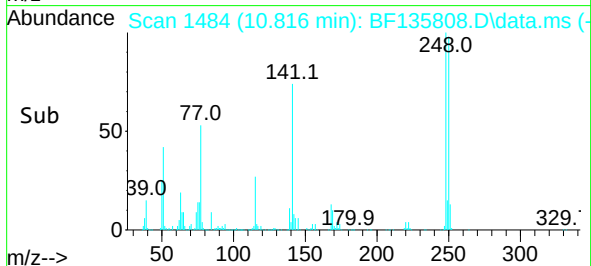
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



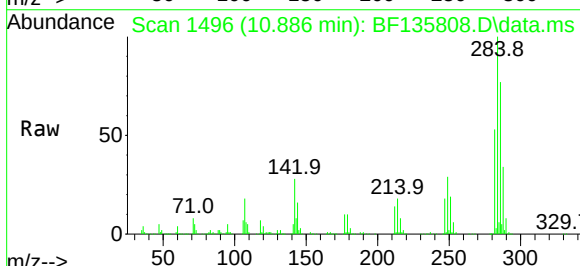
Tgt Ion:248 Resp: 210415
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 73.6 59.0 88.6

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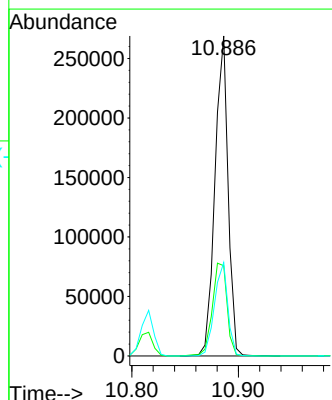
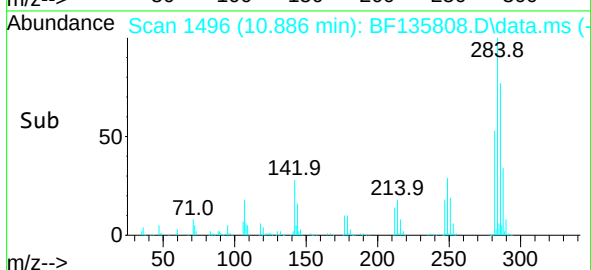
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

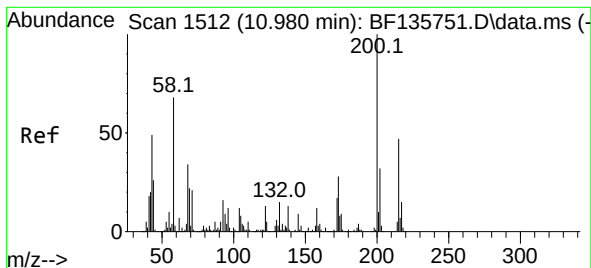


#68
Hexachlorobenzene
Concen: 45.400 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:284 Resp: 230358
Ion Ratio Lower Upper
284 100
142 28.2 25.3 37.9
249 29.2 23.5 35.3





#69

Atrazine

Concen: 48.319 ng

RT: 10.986 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion:200 Resp: 19888

Ion Ratio Lower Upper

200 100

173 27.4 7.6 47.6

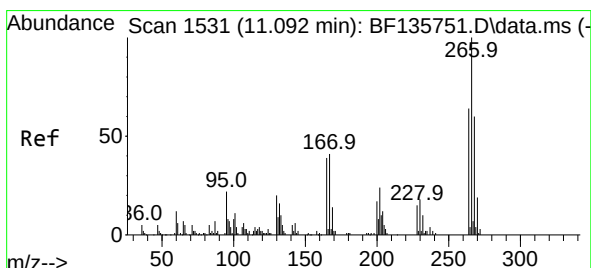
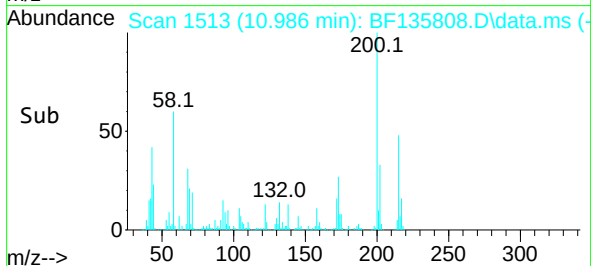
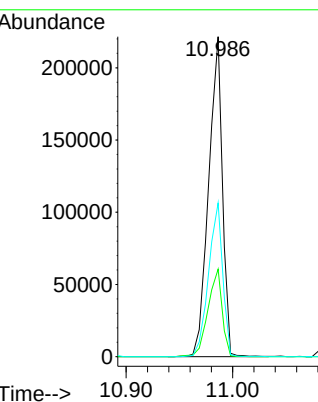
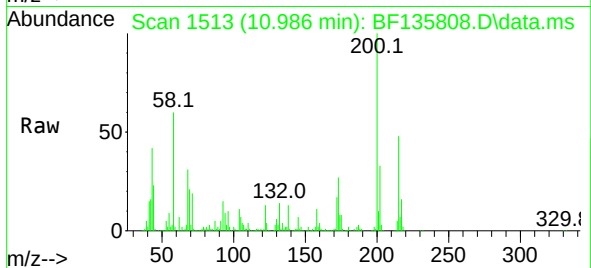
215 48.1 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#70

Pentachlorophenol

Concen: 81.945 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

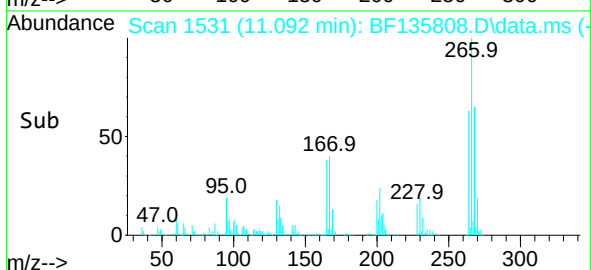
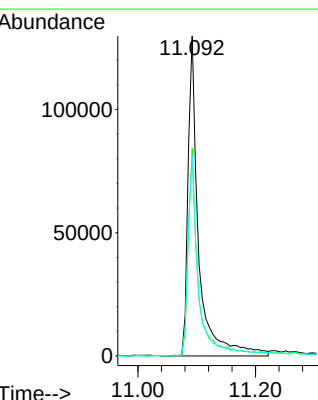
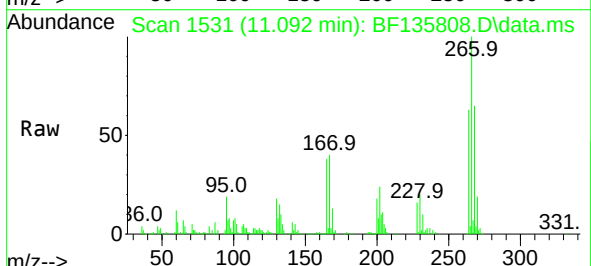
Tgt Ion:266 Resp: 163988

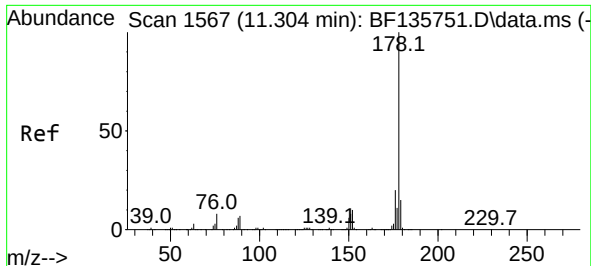
Ion Ratio Lower Upper

266 100

268 64.9 47.7 71.5

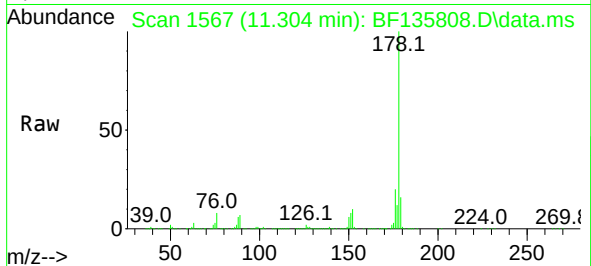
264 62.6 51.4 77.2





#71
Phenanthrene
Concen: 41.626 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

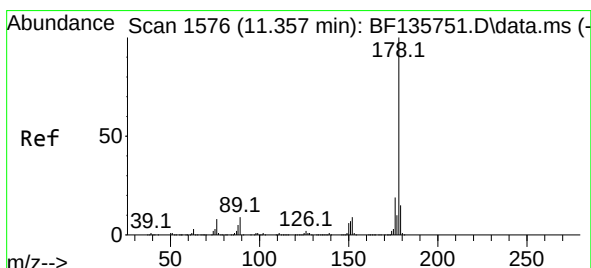
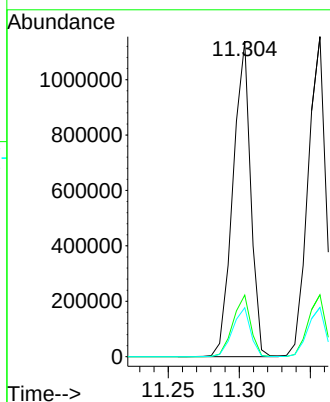
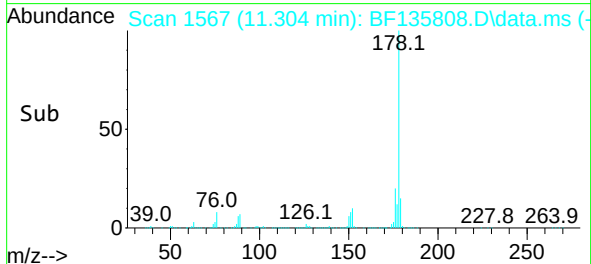
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



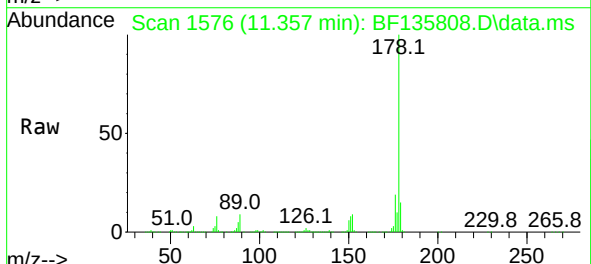
Tgt Ion:178 Resp: 98999
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.5 12.2 18.4

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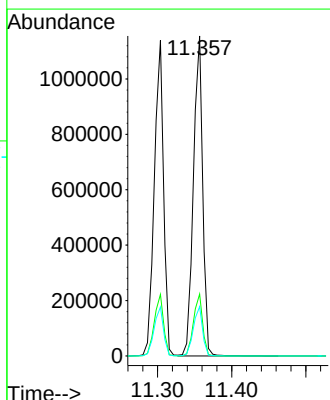
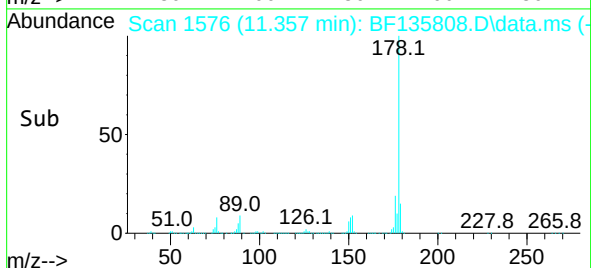
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

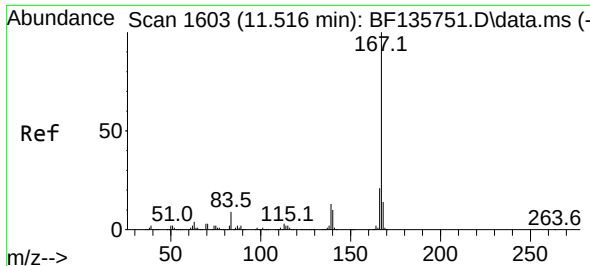


#72
Anthracene
Concen: 40.785 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



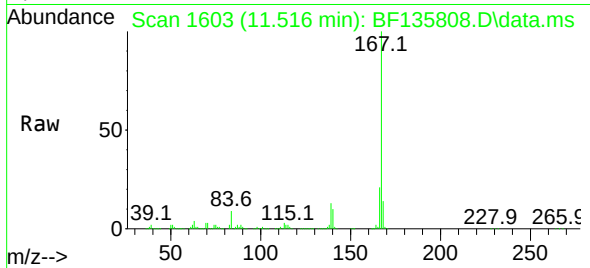
Tgt Ion:178 Resp: 1005145
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 41.565 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135808.D
 Acq: 17 Oct 2023 13:00

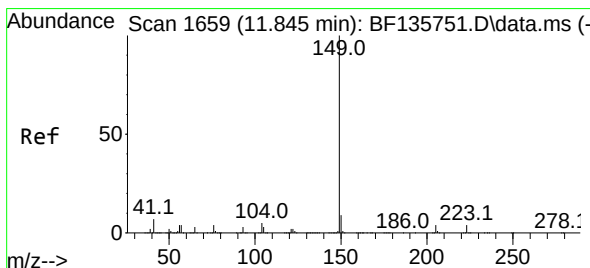
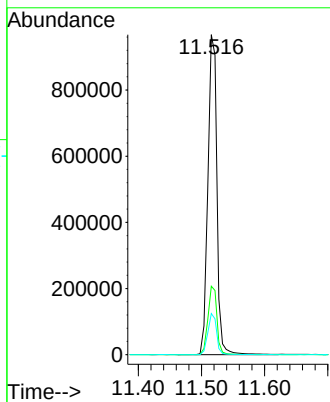
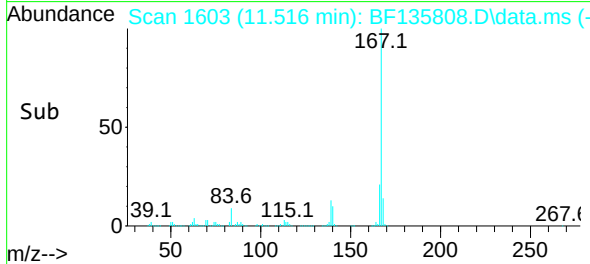
Instrument :
 BNA_F
 ClientSampleId :
 PB156372BSD



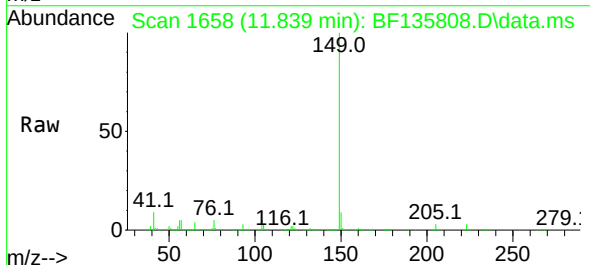
Tgt Ion:167 Resp: 95537
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.9 10.2 15.4

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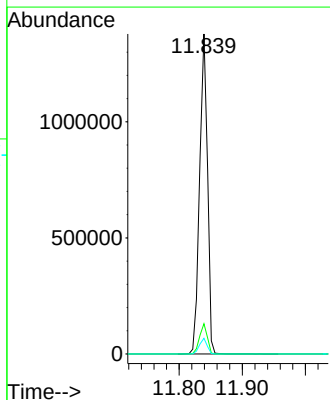
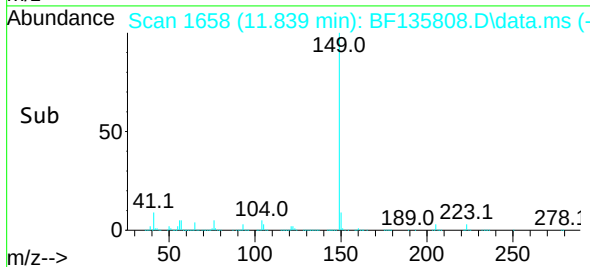
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

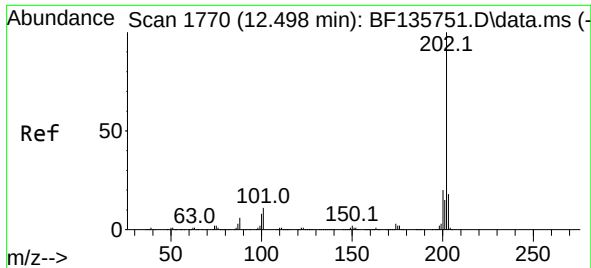


#74
 Di-n-butylphthalate
 Concen: 41.979 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135808.D
 Acq: 17 Oct 2023 13:00



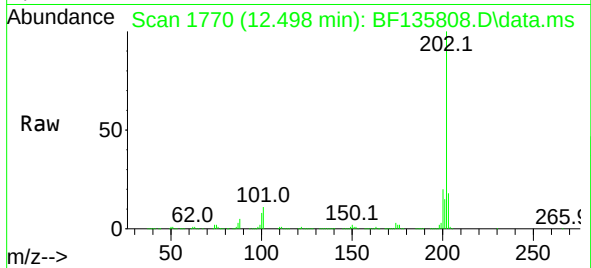
Tgt Ion:149 Resp: 1184656
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 3.7 5.5





#75
Fluoranthene
Concen: 40.781 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

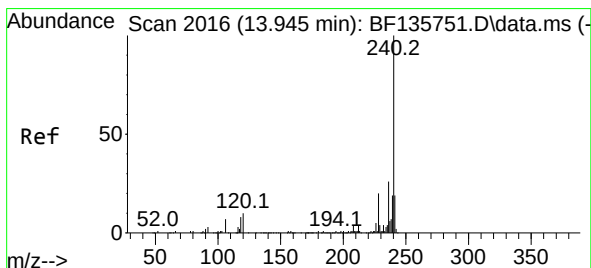
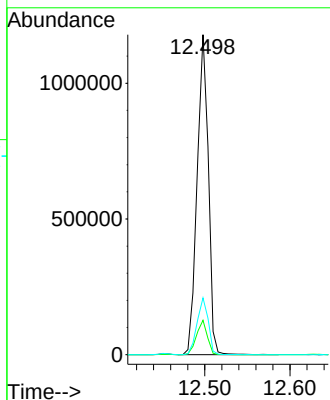
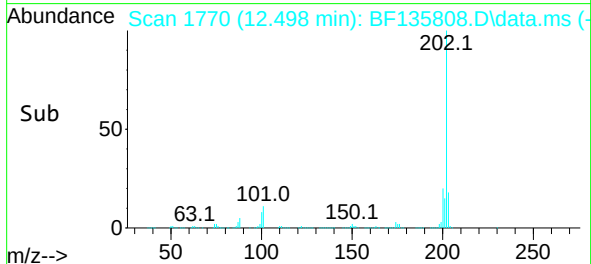
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



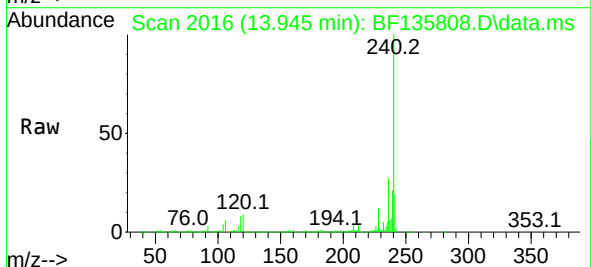
Tgt Ion:202 Resp: 107645
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.5
203 17.8 0.0 38.3

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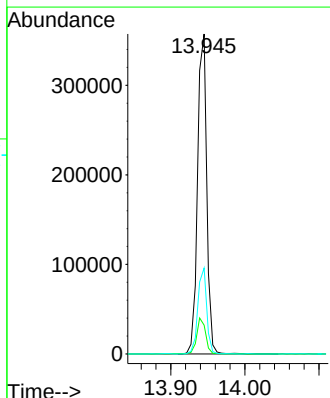
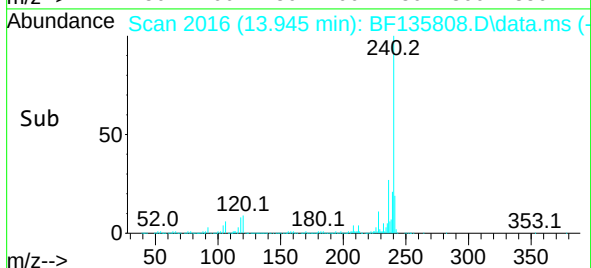
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

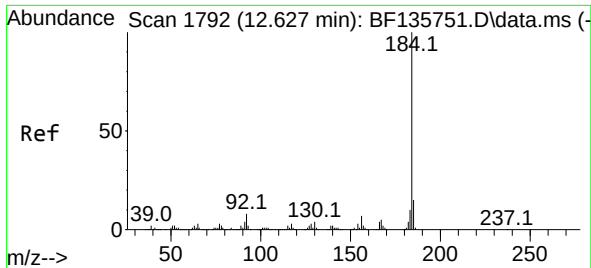


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



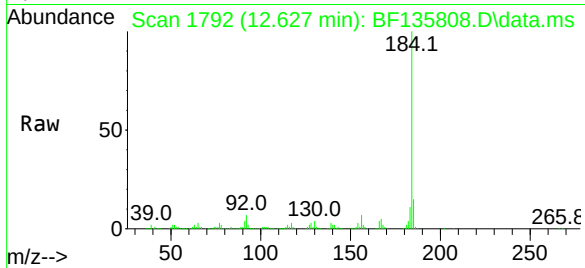
Tgt Ion:240 Resp: 306988
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 26.8 21.2 31.8





#77
Benzidine
Concen: 35.507 ng
RT: 12.627 min Scan# 11809
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

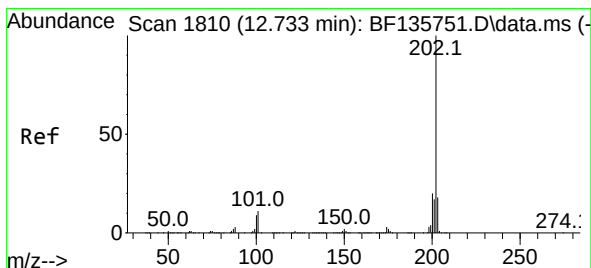
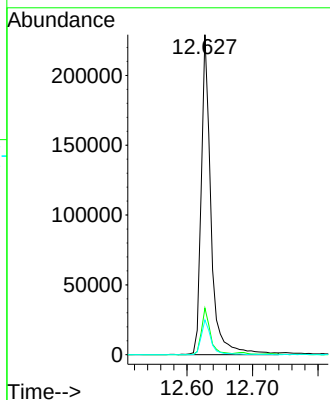
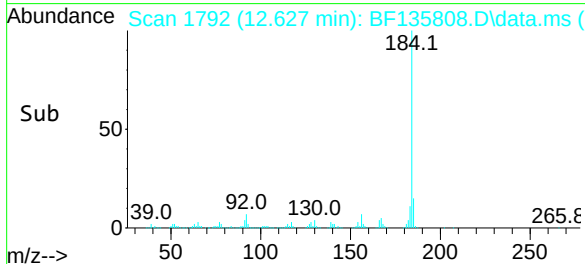
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



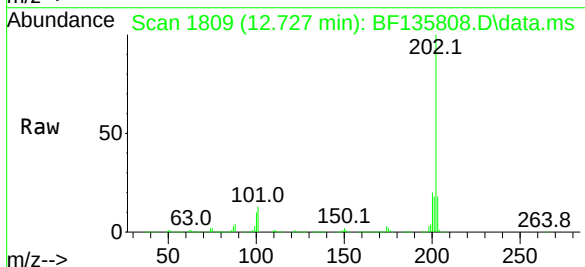
Tgt Ion:184 Resp: 237852
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 10.8 8.2 12.2

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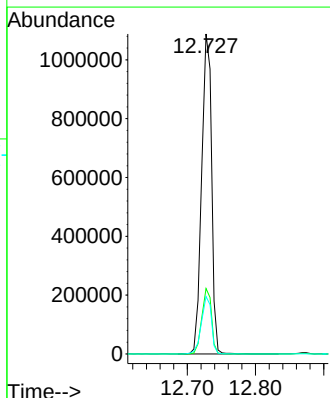
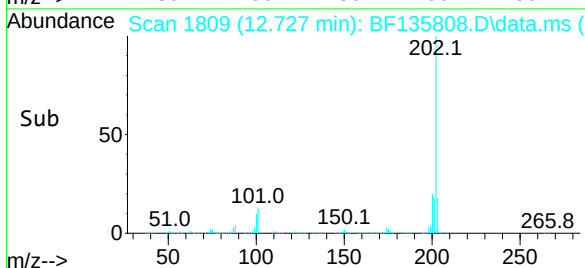
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

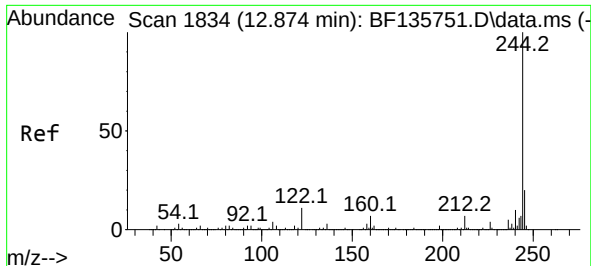


#78
Pyrene
Concen: 45.218 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:202 Resp: 1103096
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.9 14.2 21.2





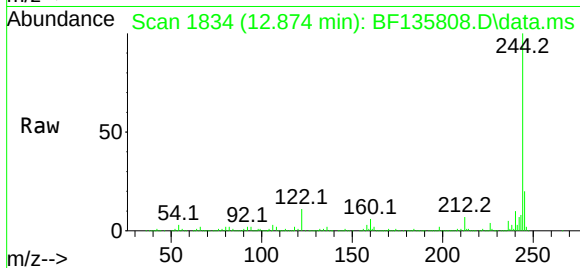
#79
 Terphenyl-d14
 Concen: 83.984 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135808.D
 Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD



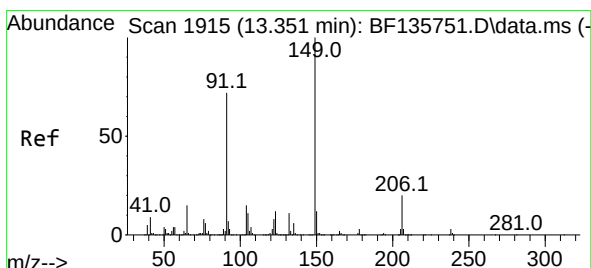
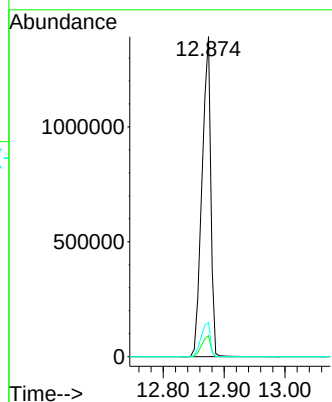
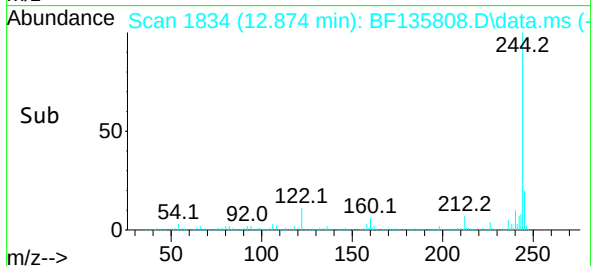
Tgt Ion:244 Resp: 139218
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.7 9.0 13.6

Manual Integrations

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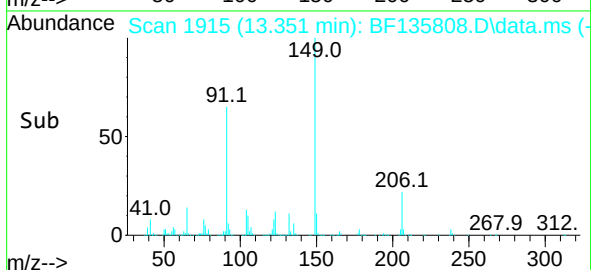
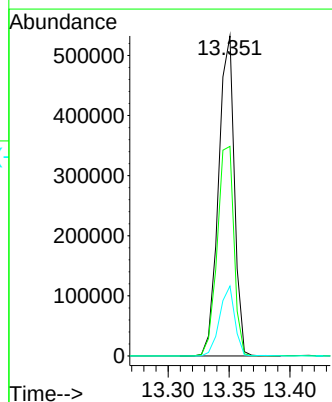
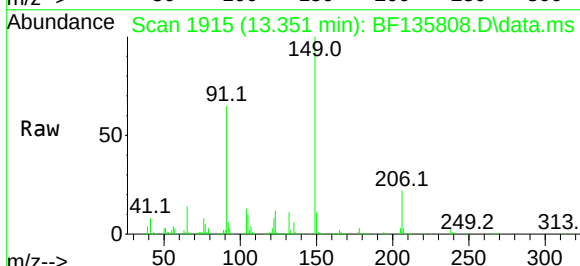
Reviewed By :Yogesh Patel 10/18/2023

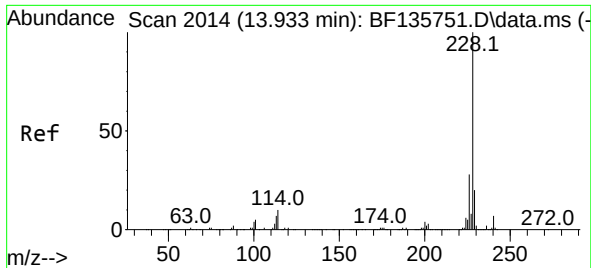
Supervised By :mohammad ahmed 10/18/2023



#80
 Butylbenzylphthalate
 Concen: 45.173 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135808.D
 Acq: 17 Oct 2023 13:00

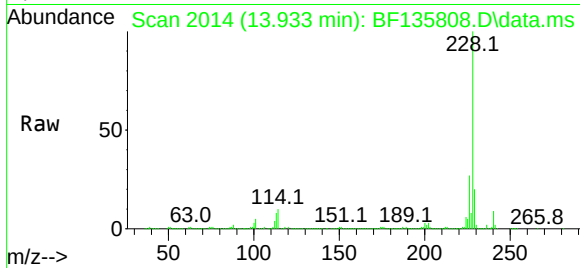
Tgt Ion:149 Resp: 484257
 Ion Ratio Lower Upper
 149 100
 91 65.5 57.4 86.0
 206 21.8 16.2 24.4





#81
Benzo(a)anthracene
Concen: 43.641 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

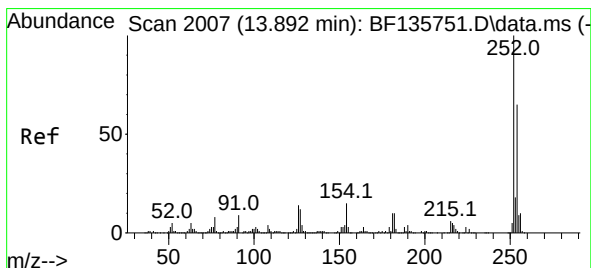
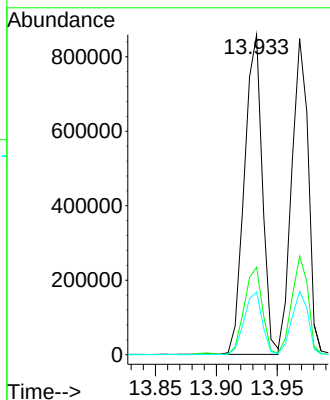
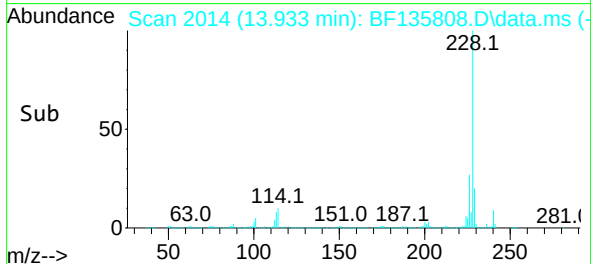
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



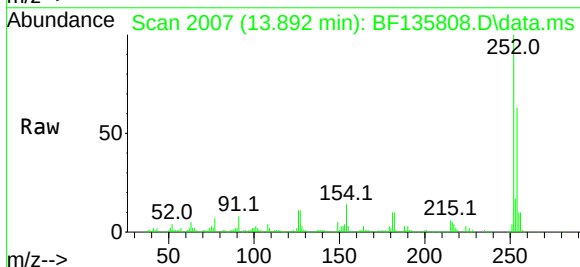
Tgt Ion:228 Resp: 879979
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.6 16.1 24.1

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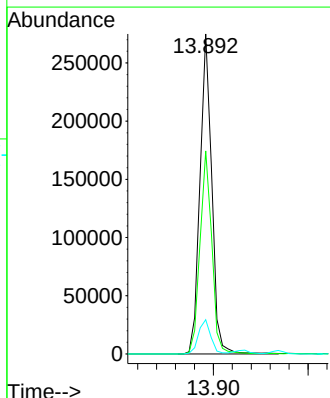
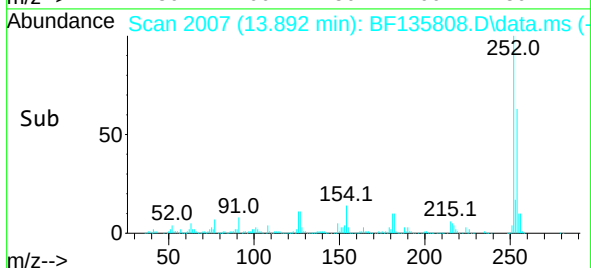
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

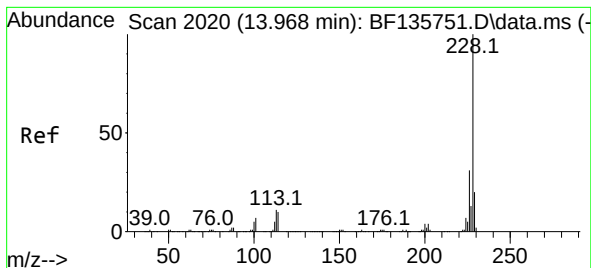


#82
3,3'-Dichlorobenzidine
Concen: 35.723 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:252 Resp: 238896
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.6
126 10.7 11.0 16.4





#83

Chrysene

Concen: 41.039 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Instrument :

BNA_F

ClientSampleId :

PB156372BSD

Tgt Ion:228 Resp: 80151

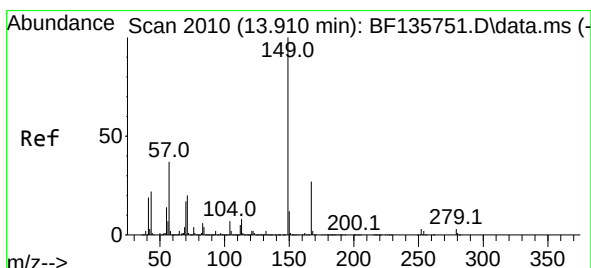
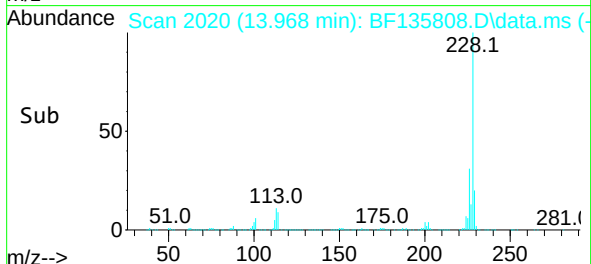
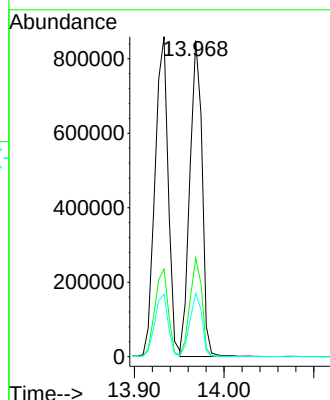
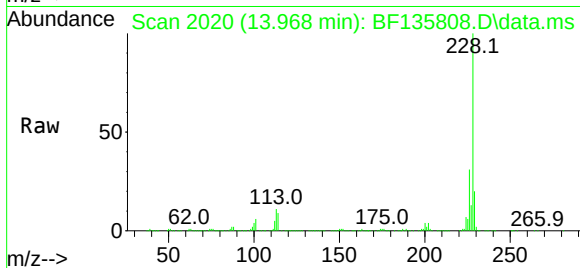
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.0	15.7	23.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.321 ng

RT: 13.910 min Scan# 2010

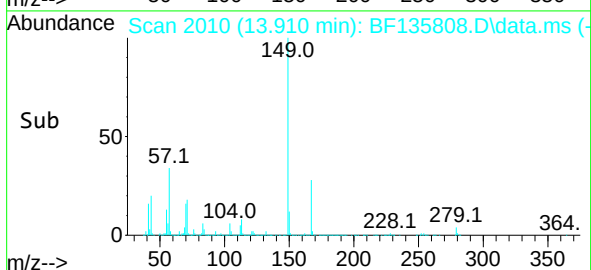
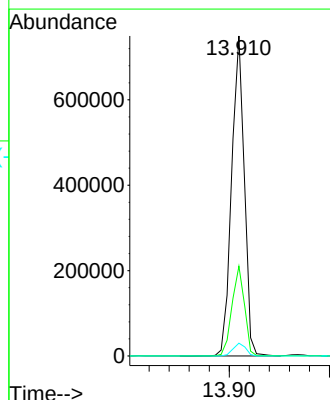
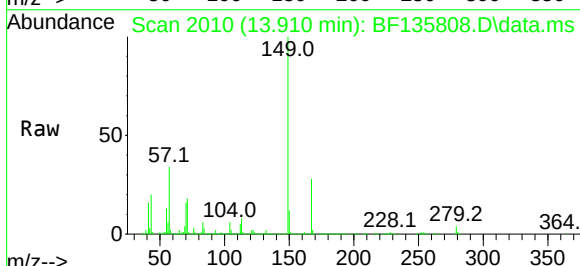
Delta R.T. -0.006 min

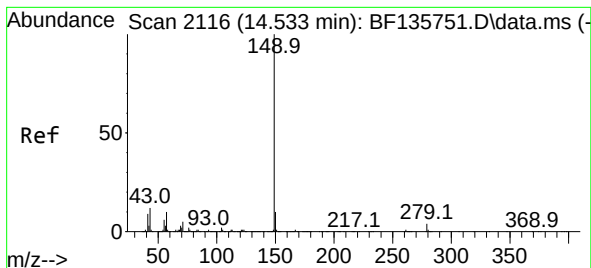
Lab File: BF135808.D

Acq: 17 Oct 2023 13:00

Tgt Ion:149 Resp: 658469

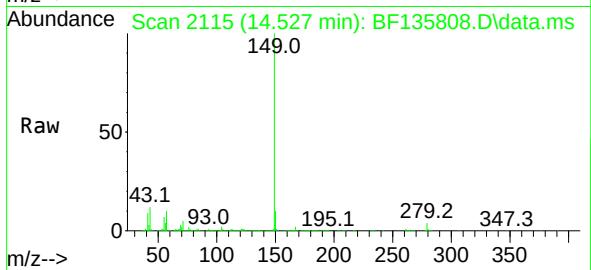
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.3	31.9
279	4.0	2.7	4.1





#85
Di-n-octyl phthalate
Concen: 43.588 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

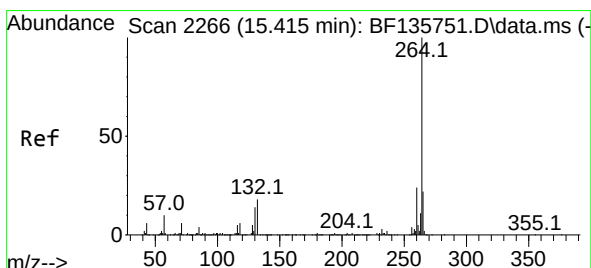
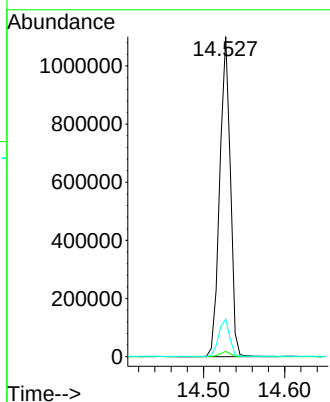
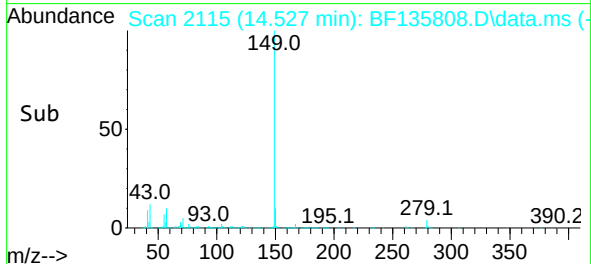
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



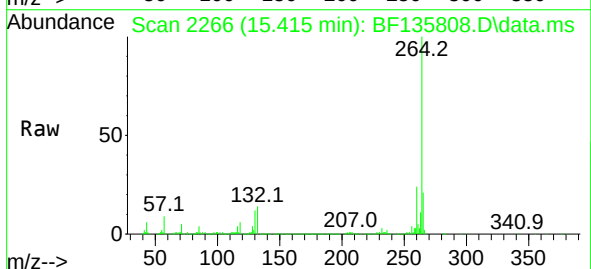
Tgt Ion:149 Resp: 100421
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.9 10.1 15.1

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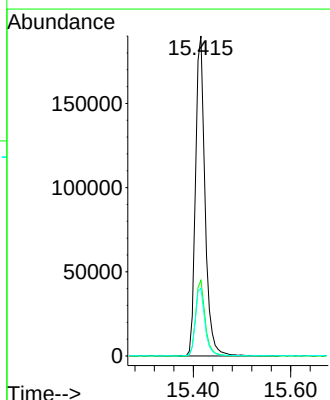
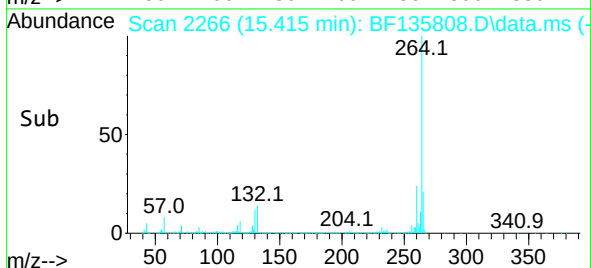
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

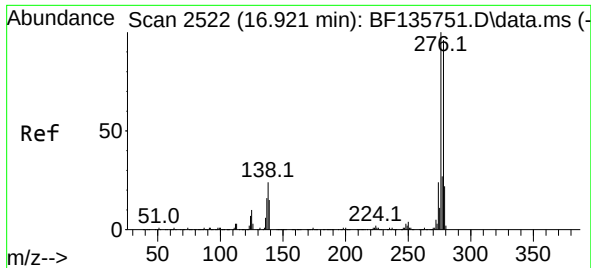


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:264 Resp: 260248
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.1 17.4 26.2





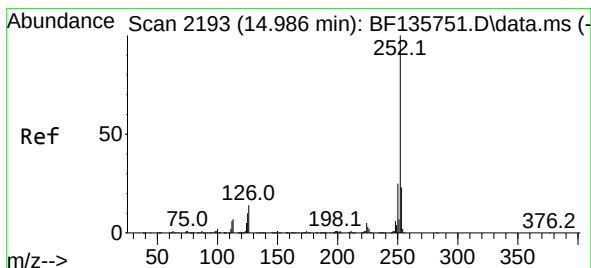
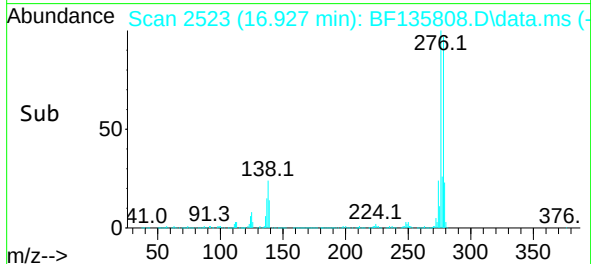
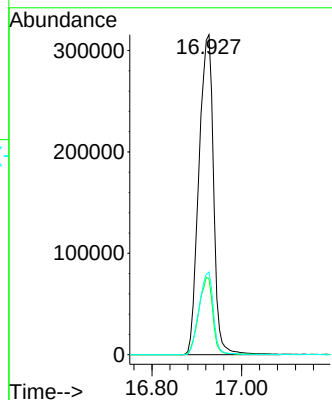
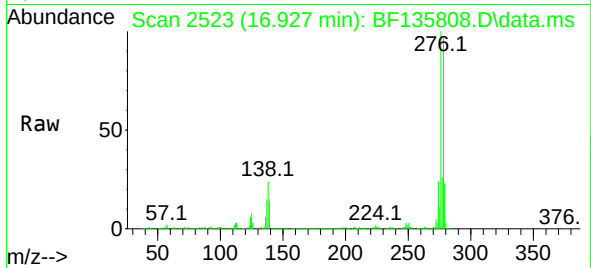
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.356 ng
 RT: 16.927 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF135808.D
 Acq: 17 Oct 2023 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BSD

Tgt Ion:276 Resp: 714060
 Ion Ratio Lower Upper
 276 100
 138 23.2 19.8 29.6
 277 25.1 20.2 30.4

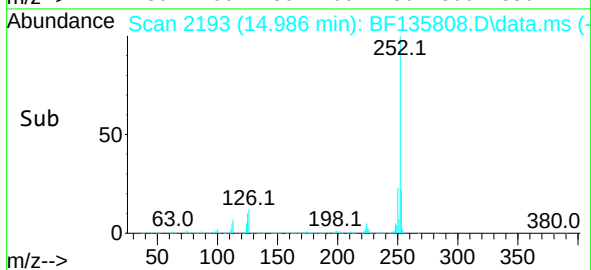
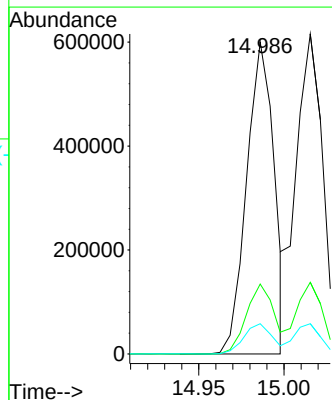
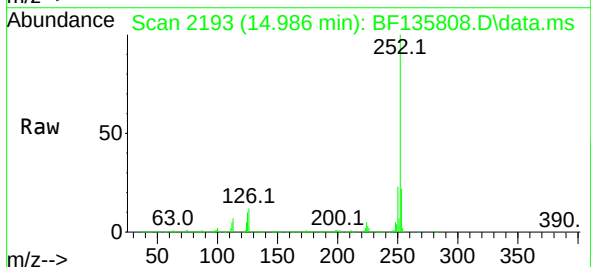
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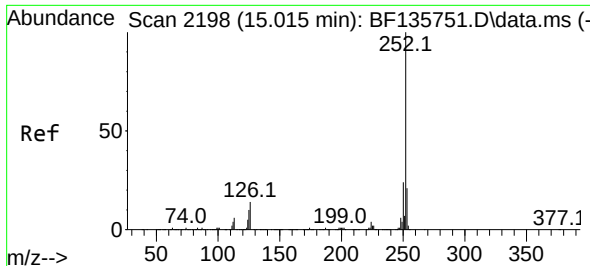
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023



#88
 Benzo(b)fluoranthene
 Concen: 46.373 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF135808.D
 Acq: 17 Oct 2023 13:00

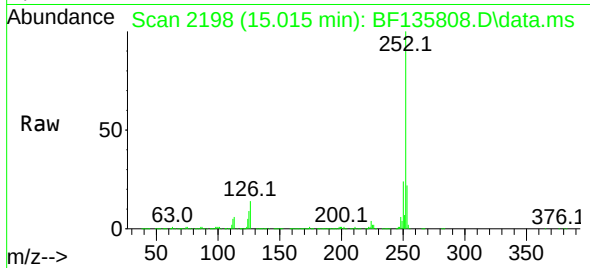
Tgt Ion:252 Resp: 675429
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 9.7 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 47.813 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

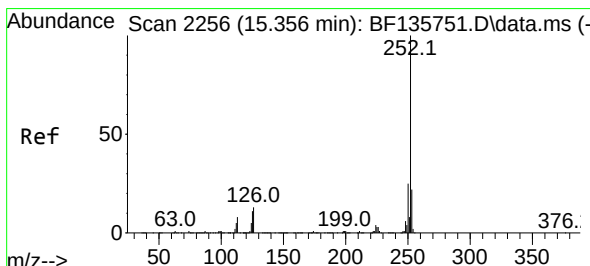
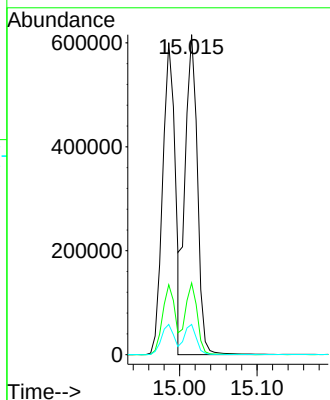
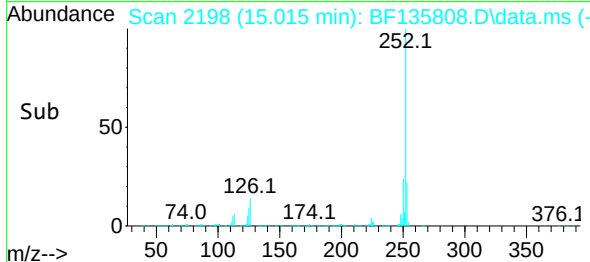
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



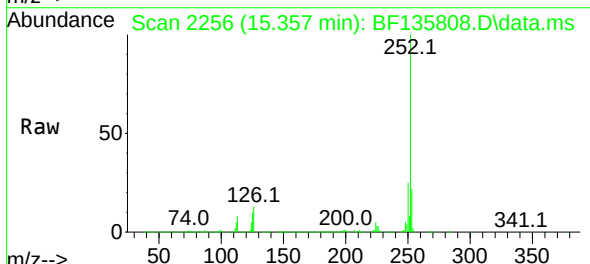
Tgt Ion:252 Resp: 67610
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.5 8.3 12.5

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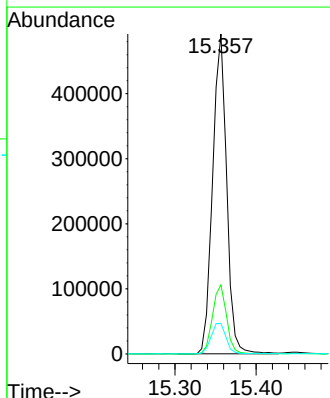
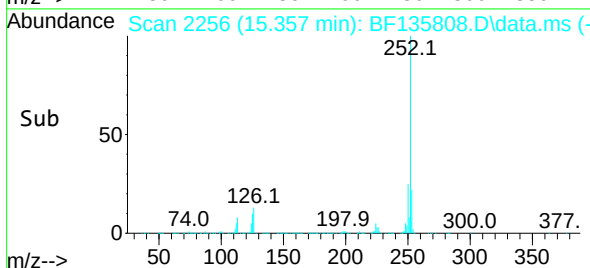
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

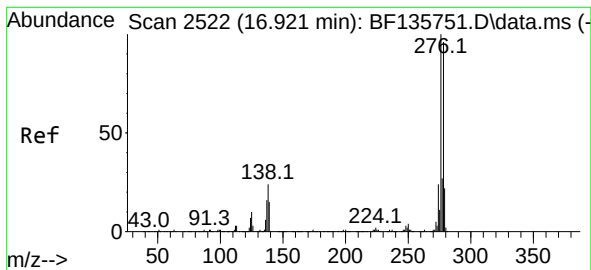


#90
Benzo(a)pyrene
Concen: 43.024 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



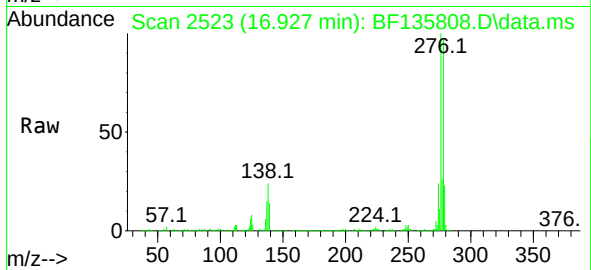
Tgt Ion:252 Resp: 589270
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.522 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00

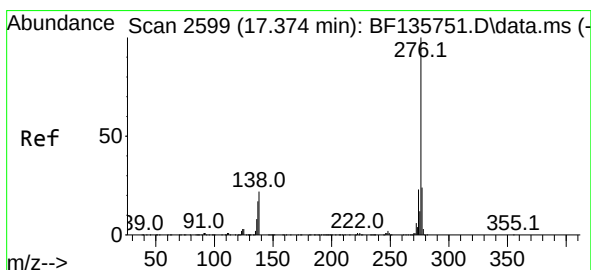
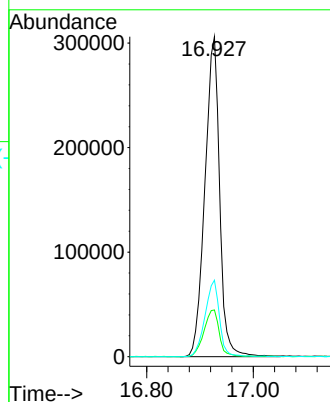
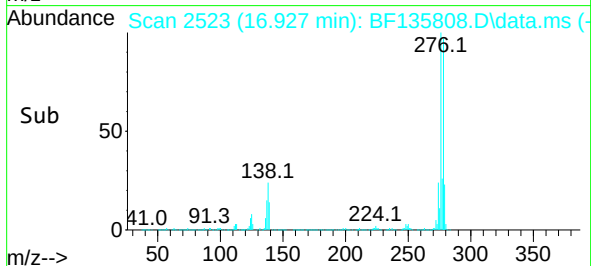
Instrument :
BNA_F
ClientSampleId :
PB156372BSD



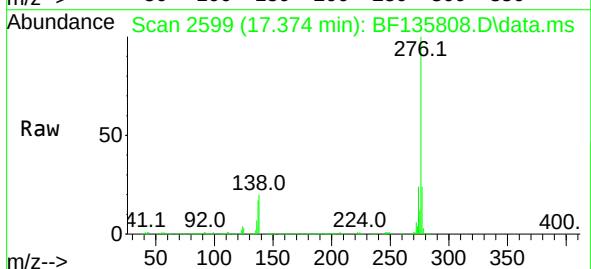
Tgt Ion:278 Resp: 58729
Ion Ratio Lower Upper
278 100
139 14.6 12.5 18.7
279 23.9 18.6 27.8

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



#92
Benzo(g,h,i)perylene
Concen: 49.597 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135808.D
Acq: 17 Oct 2023 13:00



Tgt Ion:276 Resp: 592238
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 20.0 17.3 25.9

