

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135946.D
 Acq On : 25 Oct 2023 17:51
 Operator : CG\JU
 Sample : PB156430BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS

Quant Time: Oct 26 04:30:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	180539	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	700629	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	350791	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	648344	20.000	ng	0.00
76) Chrysene-d12	14.010	240	407228	20.000	ng	0.00
86) Perylene-d12	15.486	264	378847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1504177	128.654	ng	0.02
7) Phenol-d6	6.463	99	1880623	129.202	ng	0.00
23) Nitrobenzene-d5	7.392	82	1023228	93.238	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	495807	161.476	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1899423	86.703	ng	0.00
79) Terphenyl-d14	12.951	244	2326967	95.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	190922	35.153	ng	100
3) Pyridine	3.463	79	495675	33.066	ng	98
4) n-Nitrosodimethylamine	3.428	42	277918	42.519	ng	98
6) Aniline	6.487	93	645258	32.922	ng	99
8) 2-Chlorophenol	6.610	128	572724	47.319	ng	96
9) Benzaldehyde	6.375	77	89525	11.370	ng	99
10) Phenol	6.475	94	677003m	44.490	ng	
11) bis(2-Chloroethyl)ether	6.563	93	529889	44.737	ng	97
12) 1,3-Dichlorobenzene	6.763	146	581701	45.247	ng	99
13) 1,4-Dichlorobenzene	6.840	146	588753	45.598	ng	97
14) 1,2-Dichlorobenzene	6.993	146	558760	46.602	ng	99
15) Benzyl Alcohol	6.969	79	410928	39.936	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	776530	44.518	ng	99
17) 2-Methylphenol	7.075	107	443485	41.573	ng	98
18) Hexachloroethane	7.334	117	207026	47.154	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	363789	43.951	ng	98
20) 3+4-Methylphenols	7.234	107	539521	41.905	ng	# 81
22) Acetophenone	7.240	105	730069	46.136	ng	# 91
24) Nitrobenzene	7.410	77	545005	47.027	ng	99
25) Isophorone	7.645	82	1008137	45.522	ng	99
26) 2-Nitrophenol	7.722	139	222729	52.599	ng	99
27) 2,4-Dimethylphenol	7.757	122	429931	42.595	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	616842	45.358	ng	100
29) 2,4-Dichlorophenol	7.957	162	444295	49.156	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	487222	47.610	ng	99
31) Naphthalene	8.128	128	1540514	45.478	ng	99
32) Benzoic acid	7.887	122	254652	50.817	ng	95
33) 4-Chloroaniline	8.175	127	292062	19.508	ng	98
34) Hexachlorobutadiene	8.245	225	271351	47.043	ng	99
35) Caprolactam	8.545	113	151433m	50.347	ng	
36) 4-Chloro-3-methylphenol	8.657	107	463566	48.262	ng	97
37) 2-Methylnaphthalene	8.822	142	973611	43.441	ng	99
38) 1-Methylnaphthalene	8.916	142	939958	44.884	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	440892	44.500	ng	99
41) Hexachlorocyclopentadiene	8.975	237	500232	102.394	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	299064	51.573	ng	97

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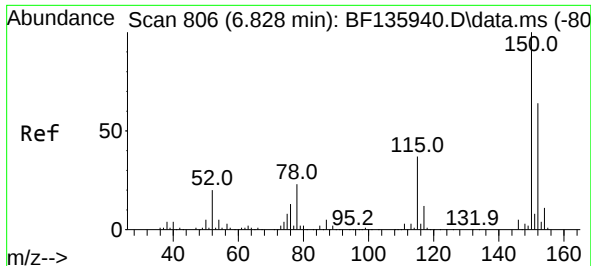
Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	329443	47.849	ng	96
46) 1,1'-Biphenyl	9.286	154	1211966	45.596	ng	99
47) 2-Chloronaphthalene	9.310	162	926497	47.124	ng	98
48) 2-Nitroaniline	9.404	65	270452	49.919	ng	97
49) Acenaphthylene	9.728	152	1480889	47.745	ng	99
50) Dimethylphthalate	9.592	163	1044138	45.899	ng	100
51) 2,6-Dinitrotoluene	9.651	165	231479	48.973	ng	# 85
52) Acenaphthene	9.898	154	980065m	49.305	ng	
53) 3-Nitroaniline	9.816	138	191784	35.317	ng	94
54) 2,4-Dinitrophenol	9.922	184	169735	87.532	ng	97
55) Dibenzofuran	10.069	168	1300087	45.273	ng	99
56) 4-Nitrophenol	9.981	139	439914	94.634	ng	98
57) 2,4-Dinitrotoluene	10.057	165	308616	52.275	ng	92
58) Fluorene	10.416	166	978087	45.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	279332	53.915	ng	99
60) Diethylphthalate	10.298	149	1009691	46.545	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	461016	44.485	ng	100
62) 4-Nitroaniline	10.439	138	260572	46.766	ng	95
63) Azobenzene	10.569	77	999378	45.397	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	117272	53.023	ng	97
66) n-Nitrosodiphenylamine	10.528	169	904917	46.201	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	311376	46.896	ng	98
68) Hexachlorobenzene	10.957	284	356221	50.222	ng	98
69) Atrazine	11.063	200	303492	56.840	ng	99
70) Pentachlorophenol	11.157	266	399737	88.419	ng	99
71) Phenanthrene	11.380	178	1557927	47.496	ng	100
72) Anthracene	11.433	178	1583097	47.135	ng	99
73) Carbazole	11.586	167	1424027	47.530	ng	99
74) Di-n-butylphthalate	11.927	149	1548877	48.582	ng	100
75) Fluoranthene	12.569	202	1634768	47.373	ng	97
77) Benzidine	12.692	184	322636	41.088	ng	98
78) Pyrene	12.804	202	1699227	49.696	ng	100
80) Butylbenzylphthalate	13.433	149	625198	48.351	ng	94
81) Benzo(a)anthracene	13.998	228	1365520	49.316	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	354509	42.083	ng	99
83) Chrysene	14.033	228	1291088	47.875	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	745173	52.998	ng	99
85) Di-n-octyl phthalate	14.621	149	1192554	53.842	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1196789	55.711	ng	99
88) Benzo(b)fluoranthene	15.051	252	1168101	51.809	ng	99
89) Benzo(k)fluoranthene	15.086	252	1048203	47.338	ng	99
90) Benzo(a)pyrene	15.427	252	971975	46.776	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	996264	54.219	ng	99
92) Benzo(g,h,i)perylene	17.457	276	968939	46.506	ng	99

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



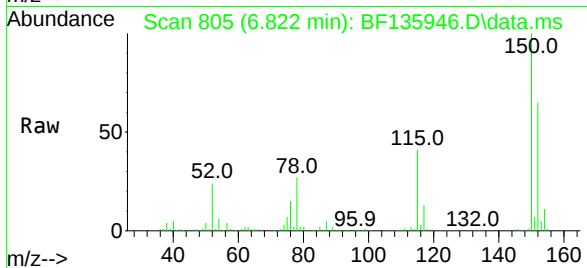
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

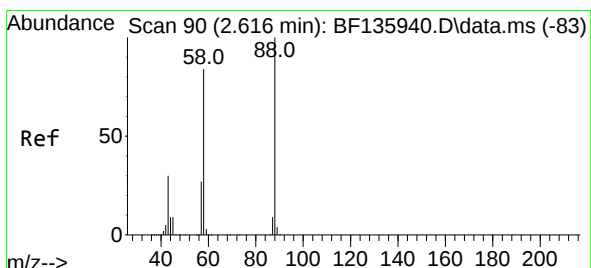
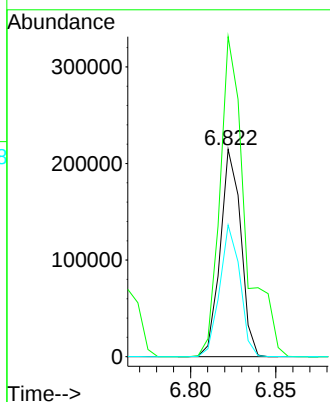
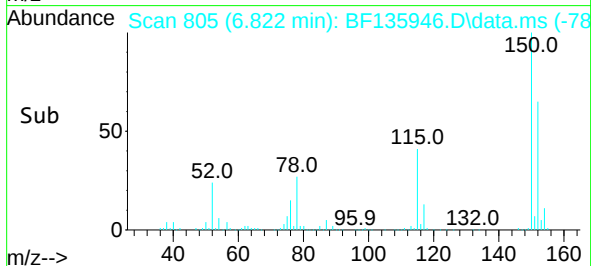


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Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 63.6 46.6 69.8

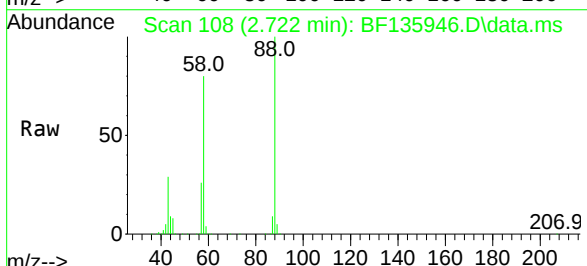
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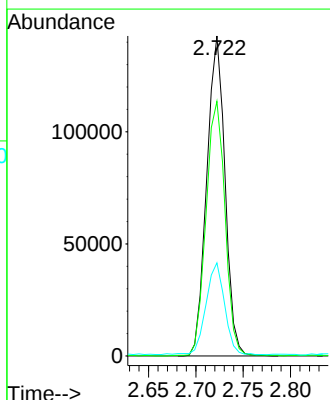
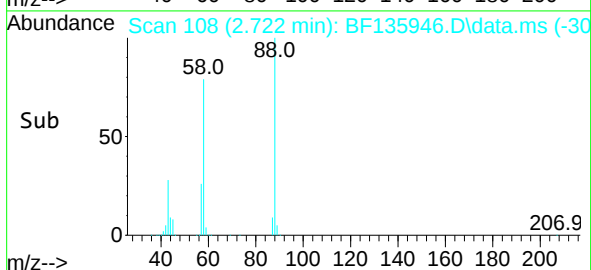
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

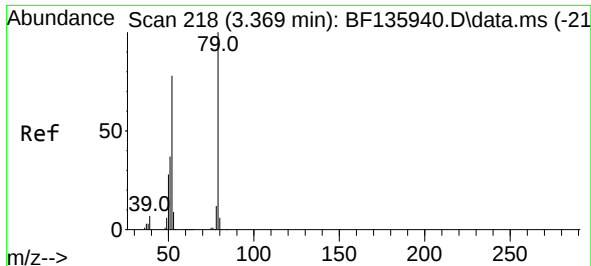


#2
1,4-Dioxane
Concen: 35.153 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.106 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



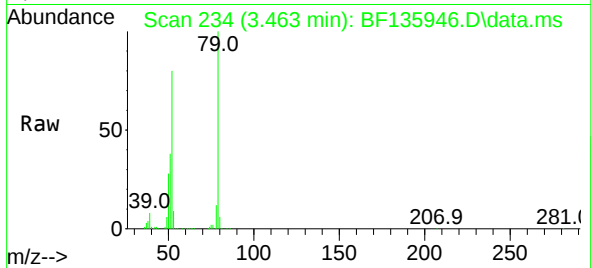
Tgt Ion: 88 Resp: 190922
Ion Ratio Lower Upper
88 100
58 83.2 66.6 100.0
43 29.3 23.8 35.8





#3
Pyridine
Concen: 33.066 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

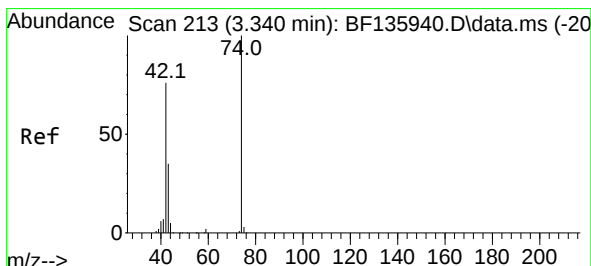
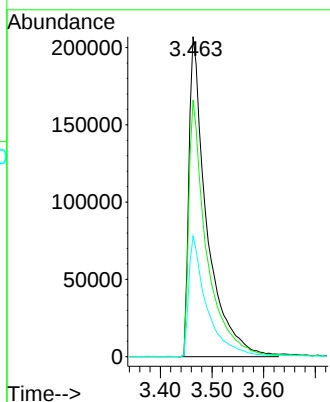
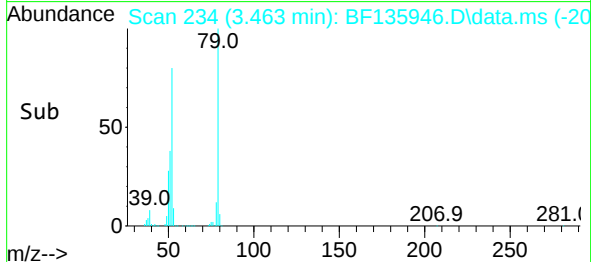
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BNA_F
ClientSampleId :
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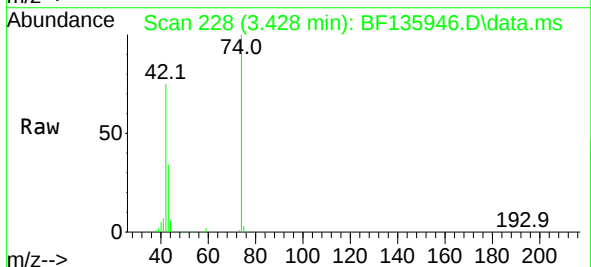
Tgt Ion: 79 Resp: 495679
Ion Ratio Lower Upper
79 100
52 80.2 62.6 93.8
51 37.7 29.8 44.8

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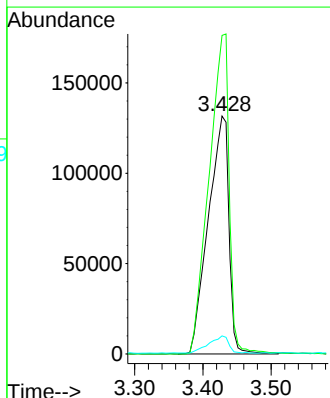
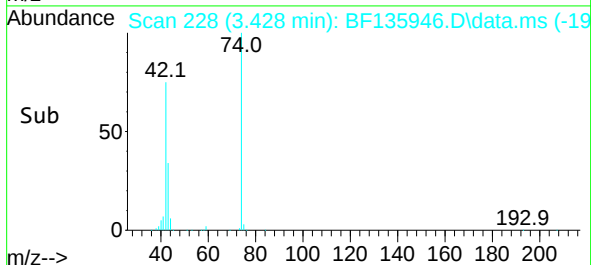
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 42.519 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



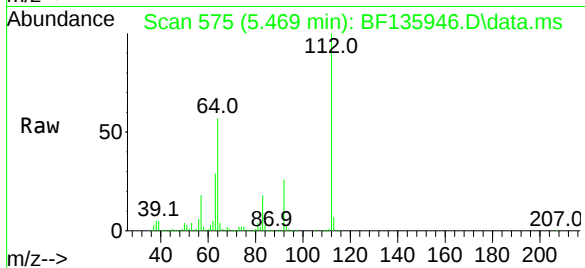
Tgt Ion: 42 Resp: 277918
Ion Ratio Lower Upper
42 100
74 133.9 104.8 157.2
44 7.6 5.9 8.9





#5
2-Fluorophenol
Concen: 128.654 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

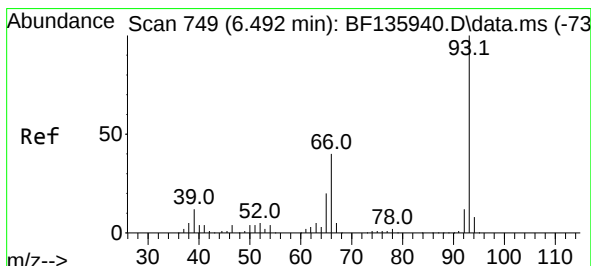
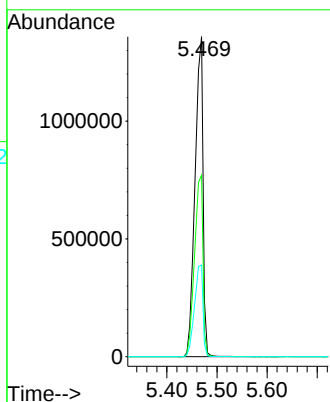
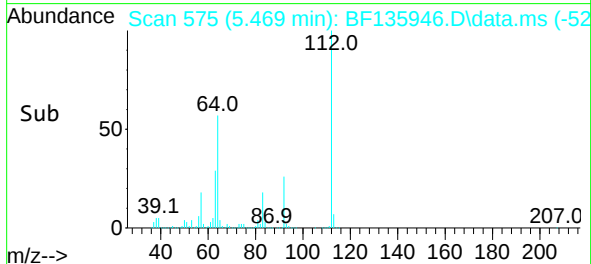
Instrument :
BNA_F
ClientSampleId :
PB156430BS



Tgt Ion:112 Resp: 150417
Ion Ratio Lower Upper
112 100
64 56.7 45.1 67.7
63 28.6 23.0 34.4

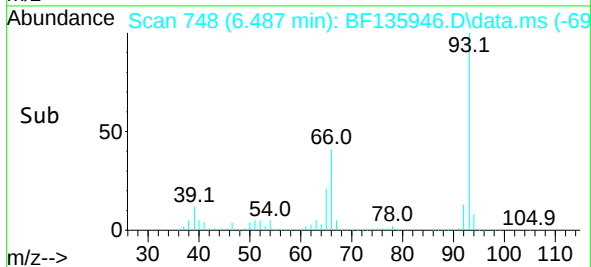
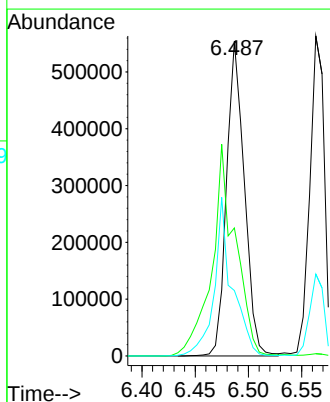
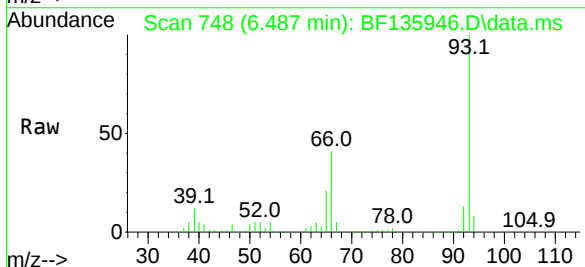
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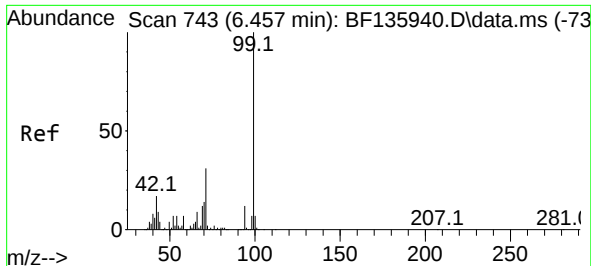
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 32.922 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135946.D
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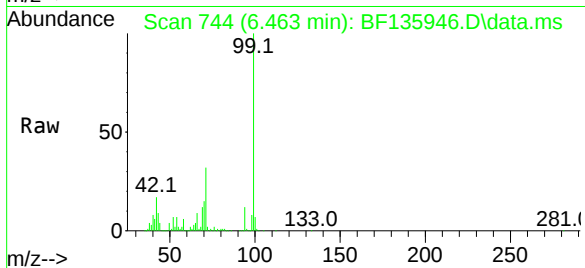
Tgt Ion: 93 Resp: 645258
Ion Ratio Lower Upper
93 100
66 40.7 32.0 48.0
65 20.8 16.2 24.4





#7
Phenol-d6
Concen: 129.202 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

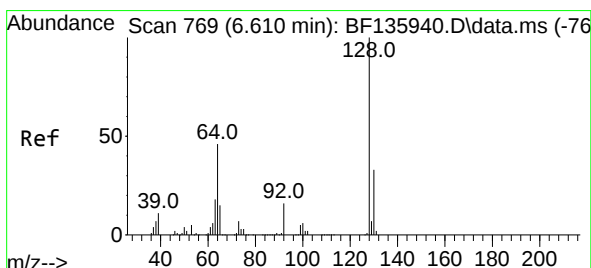
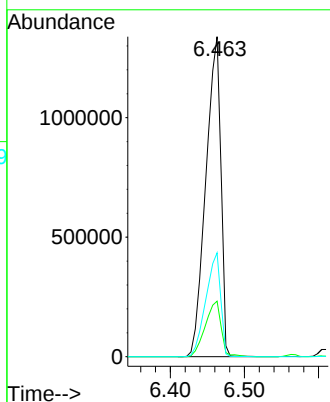
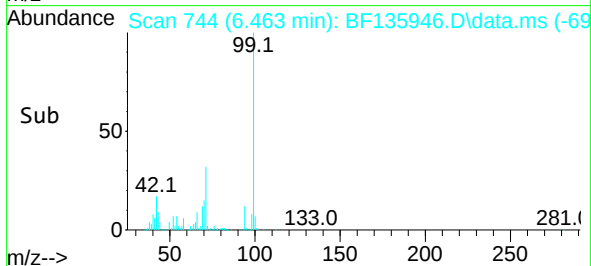
Instrument :
BNA_F
ClientSampleId :
PB156430BS



Tgt Ion: 99 Resp: 1880623
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 32.4 25.1 37.7

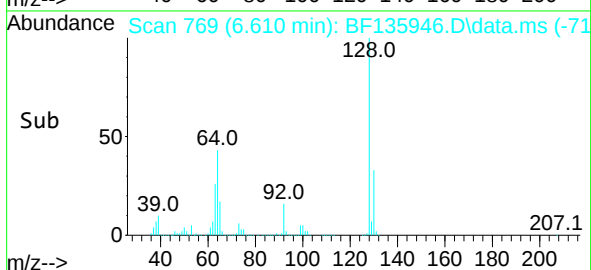
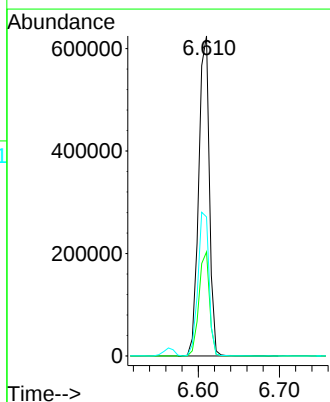
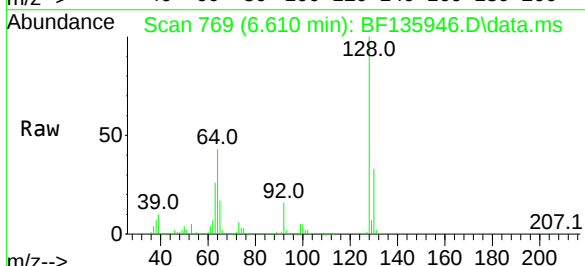
Manual Integrations
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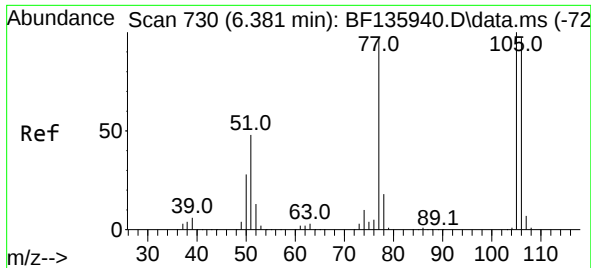
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#8
2-Chlorophenol
Concen: 47.319 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:128 Resp: 572724
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 43.4 27.0 67.0





#9

Benzaldehyde

Concen: 11.370 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

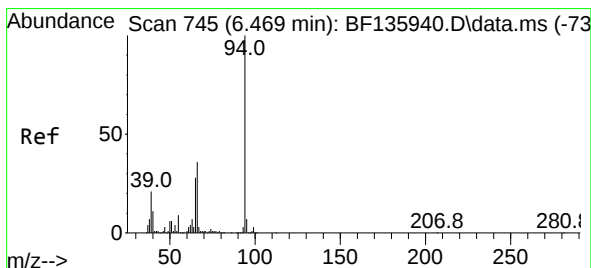
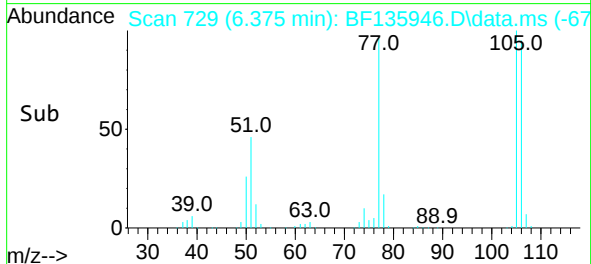
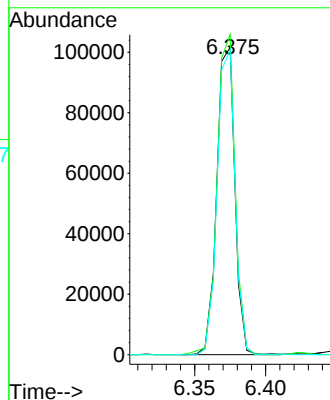
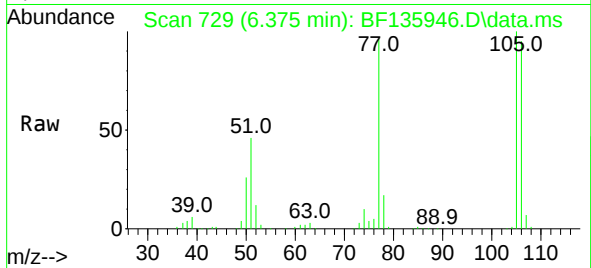
Tgt Ion: 77	Resp: 8952
Ion Ratio	Lower Upper
77 100	
105 104.2	83.2 123.2
106 99.3	80.0 120.0

Manual Integrations

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Supervised By :mohammad ahmed 10/26/2023



#10

Phenol

Concen: 44.490 ng m

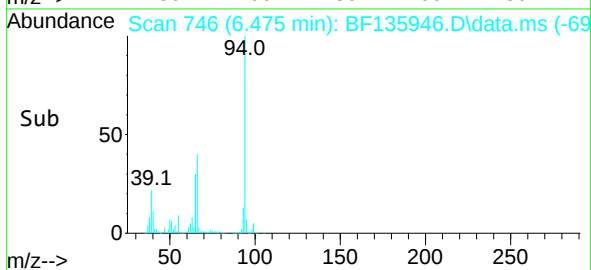
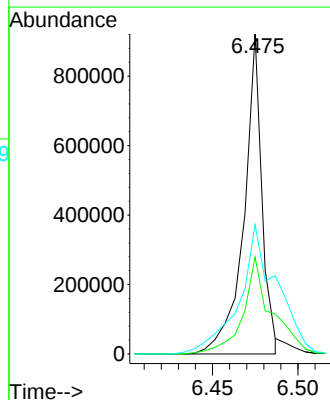
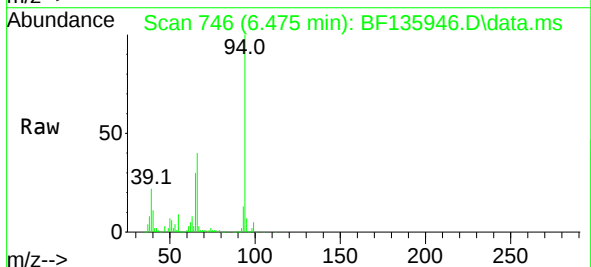
RT: 6.475 min Scan# 746

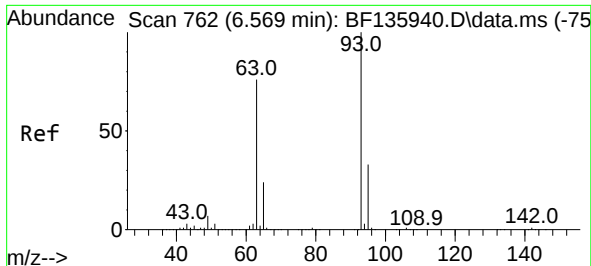
Delta R.T. 0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Tgt Ion: 94	Resp: 677003
Ion Ratio	Lower Upper
94 100	
65 30.3	7.8 47.8
66 40.4	16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 44.737 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

Tgt Ion: 93 Resp: 529889

Ion Ratio Lower Upper

93 100

63 80.2 56.2 96.2

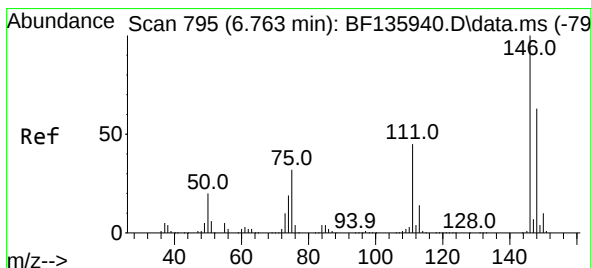
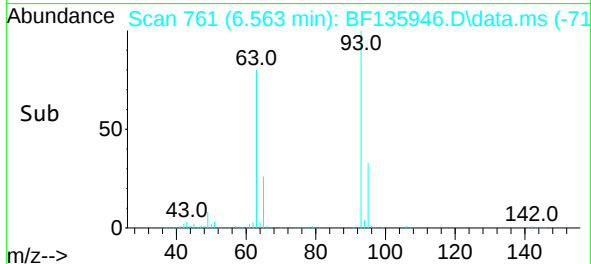
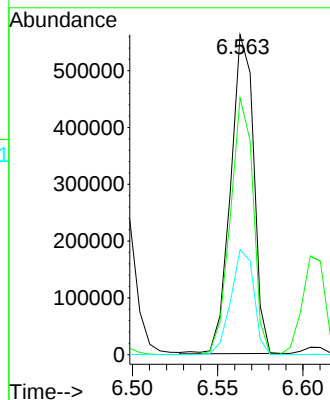
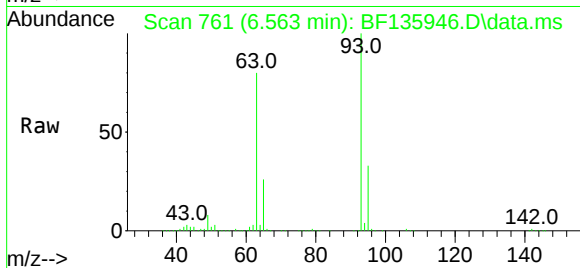
95 32.9 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#12

1,3-Dichlorobenzene

Concen: 45.247 ng

RT: 6.763 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

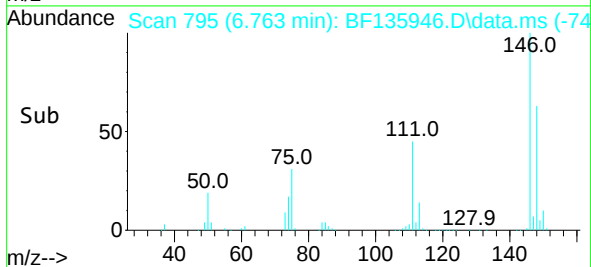
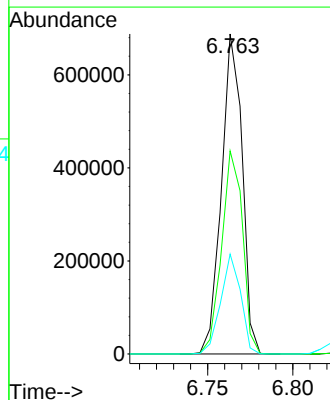
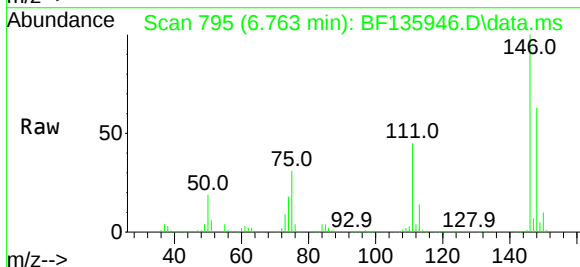
Tgt Ion:146 Resp: 581701

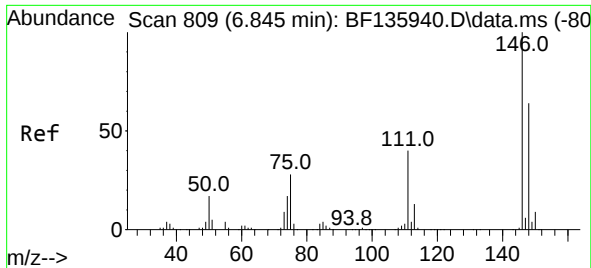
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.4

75 31.2 25.9 38.9





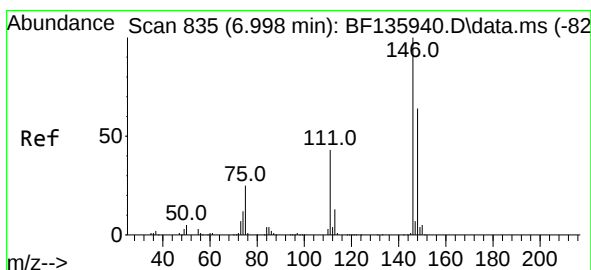
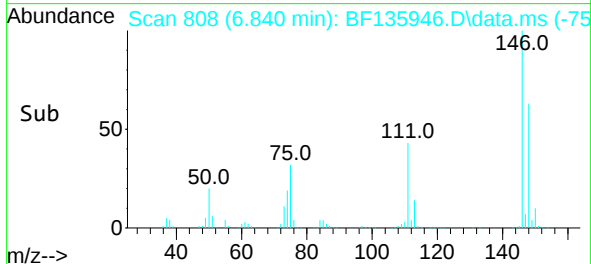
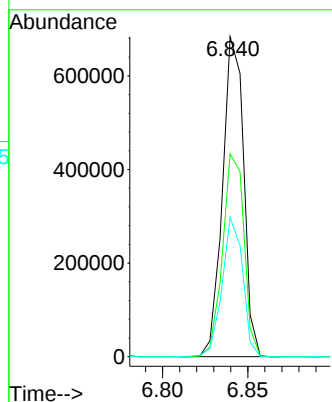
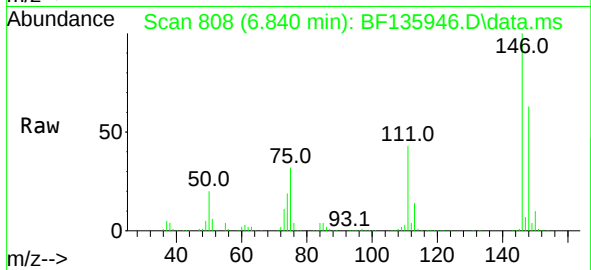
#13
1,4-Dichlorobenzene
Concen: 45.598 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :
BNA_F
ClientSampleId :
PB156430BS

Tgt Ion:146 Resp: 58875
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 43.5 31.8 47.8

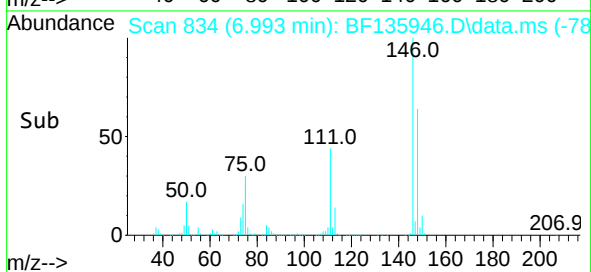
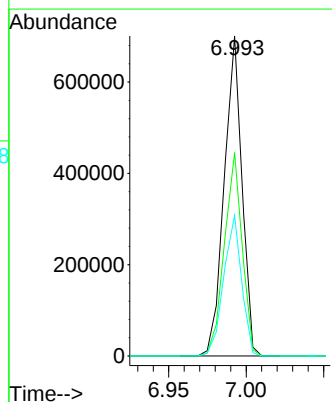
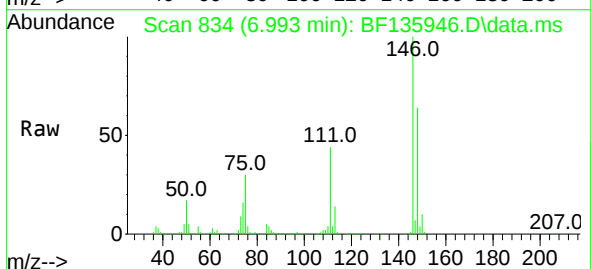
Manual Integrations
APPROVED

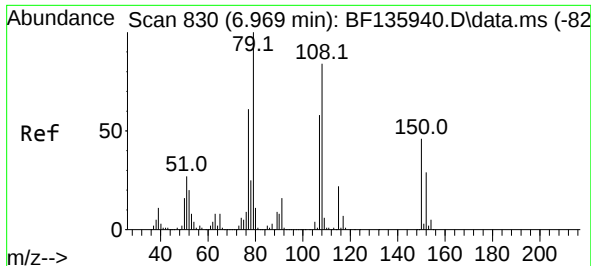
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#14
1,2-Dichlorobenzene
Concen: 46.602 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:146 Resp: 558760
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 43.9 34.2 51.4





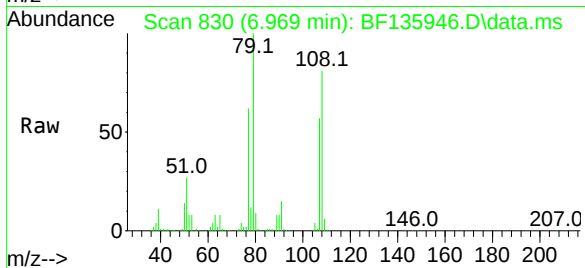
#15
Benzyl Alcohol
Concen: 39.936 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

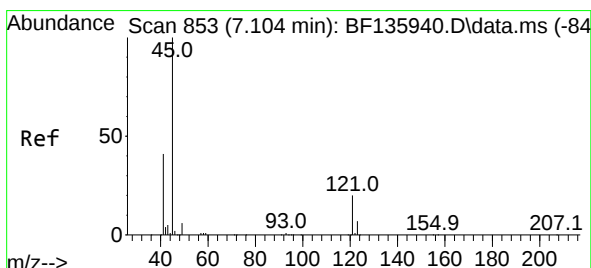
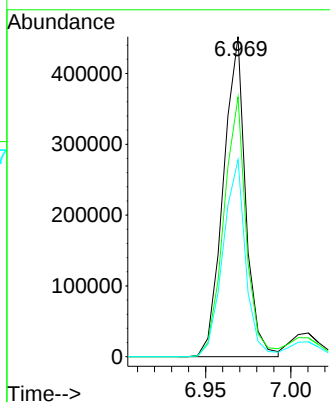
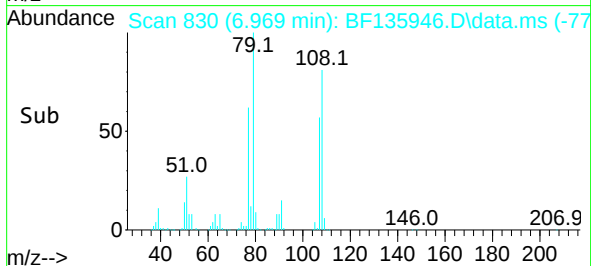


Tgt Ion: 79 Resp: 410928
Ion Ratio Lower Upper
79 100
108 81.1 67.2 100.8
77 61.6 49.0 73.6

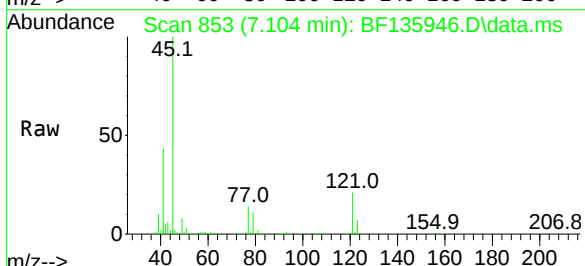
Manual Integrations

APPROVED

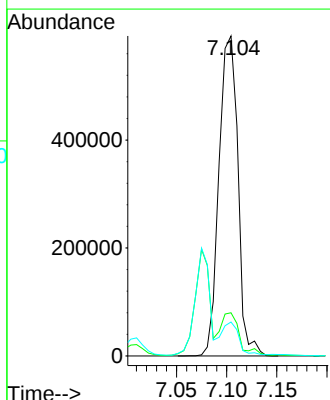
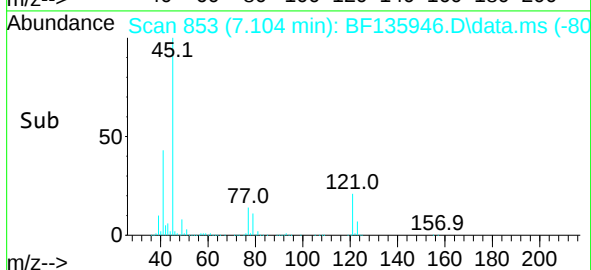
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

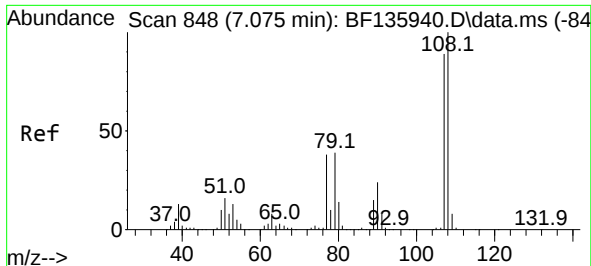


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.518 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



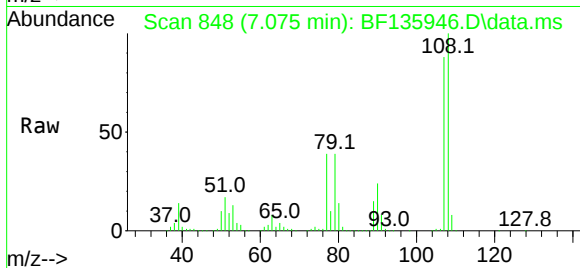
Tgt Ion: 45 Resp: 776530
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.2
79 10.6 0.0 29.8





#17
2-Methylphenol
Concen: 41.573 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

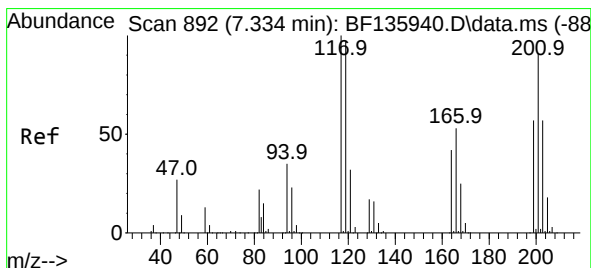
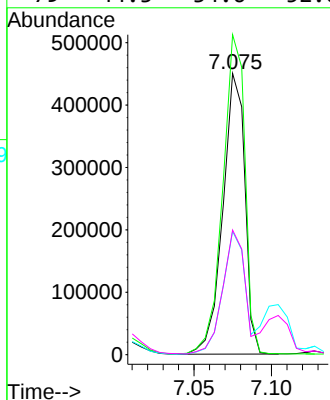
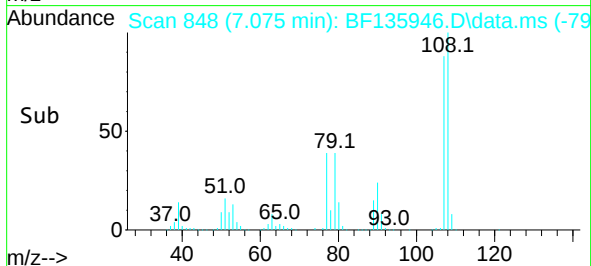
Instrument :
BNA_F
ClientSampleId :
PB156430BS



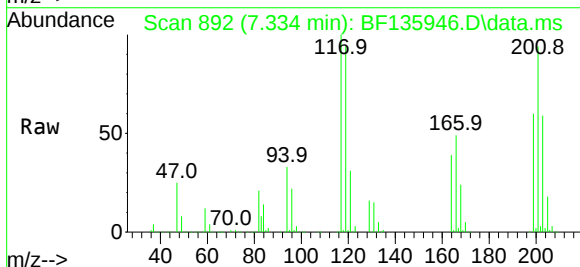
Tgt Ion:107 Resp: 443485
Ion Ratio Lower Upper
107 100
108 113.8 89.8 134.6
77 43.9 34.2 51.2
79 44.3 34.6 52.0

Manual Integrations
APPROVED

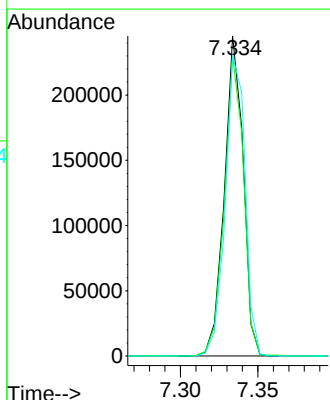
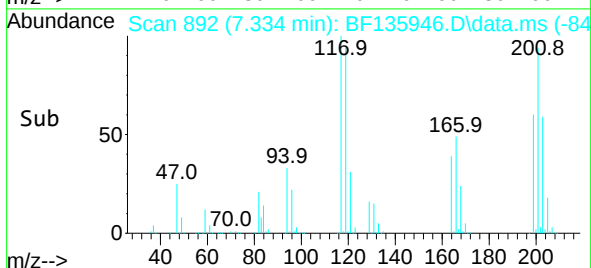
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

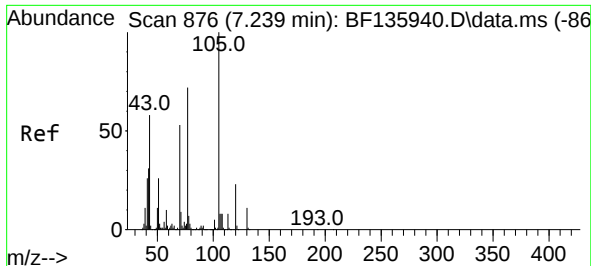


#18
Hexachloroethane
Concen: 47.154 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:117 Resp: 207026
Ion Ratio Lower Upper
117 100
119 93.8 77.3 115.9
201 93.8 72.8 109.2





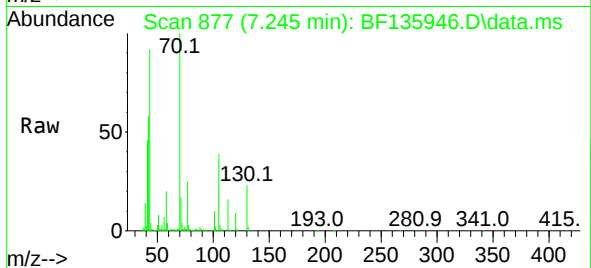
#19
n-Nitroso-di-n-propylamine
Concen: 43.951 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

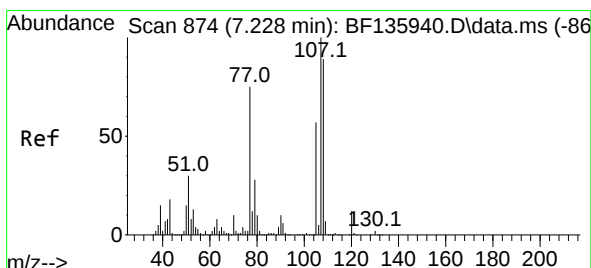
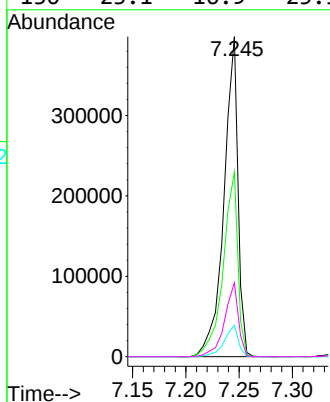
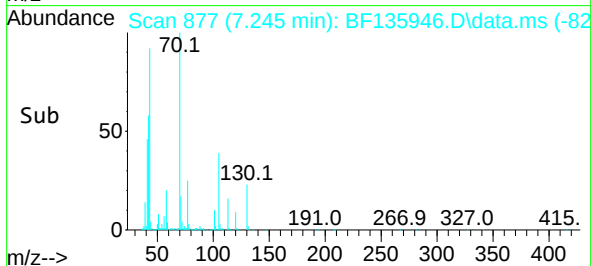


Tgt Ion: 70 Resp: 363789
Ion Ratio Lower Upper
70 100
42 57.7 47.3 70.9
101 9.8 7.8 11.8
130 23.1 16.9 25.3

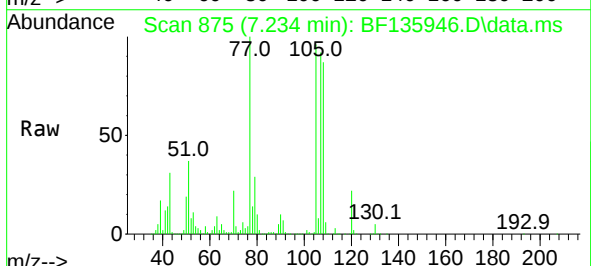
Manual Integrations

APPROVED

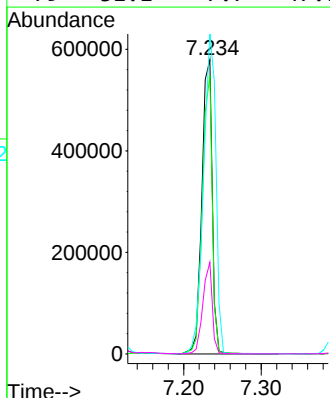
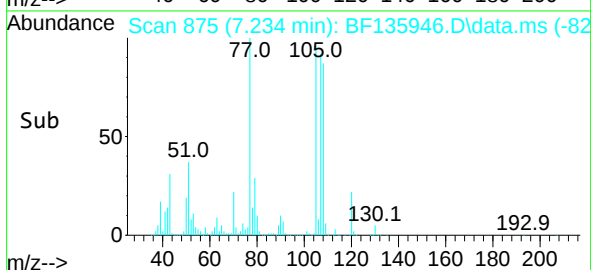
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

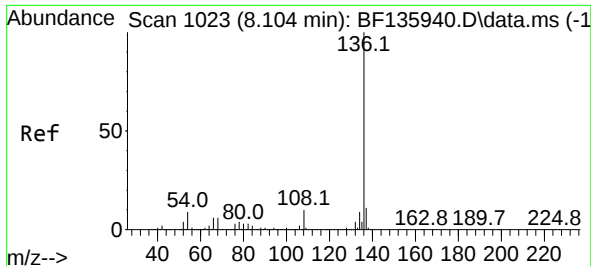


#20
3+4-Methylphenols
Concen: 41.905 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:107 Resp: 539521
Ion Ratio Lower Upper
107 100
108 94.6 69.1 109.1
77 108.7 55.0 95.0#
79 31.1 7.7 47.7





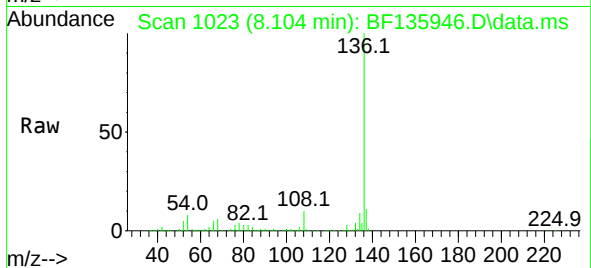
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

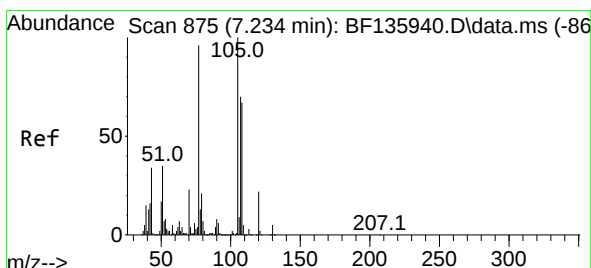
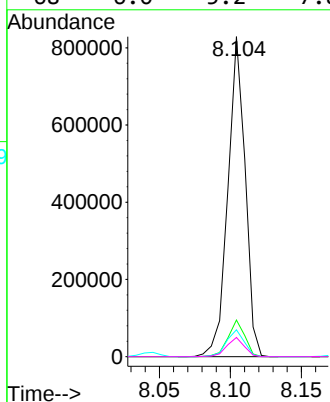
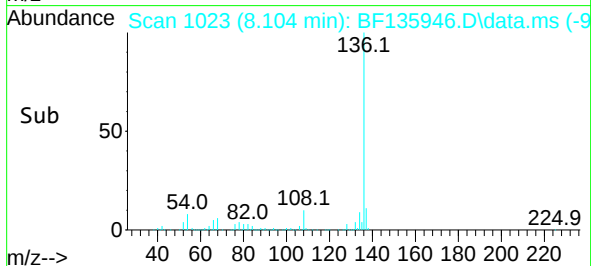


Tgt Ion:136 Resp: 700629
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.4 7.1 10.7
68 6.0 5.2 7.8

Manual Integrations

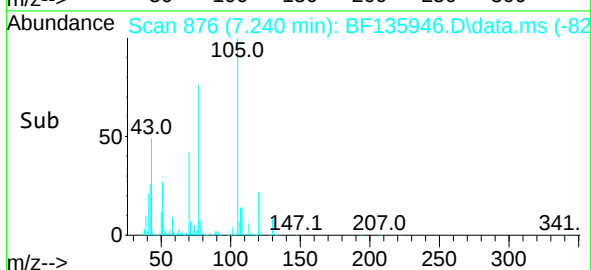
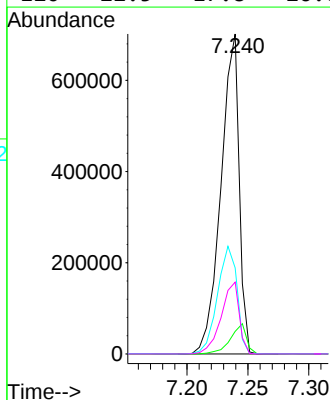
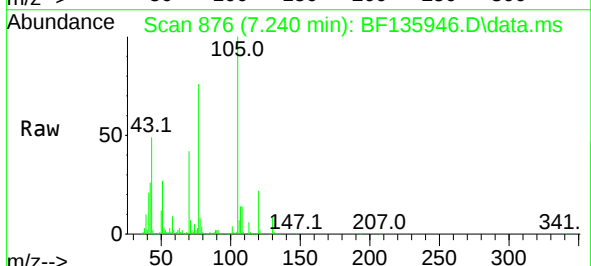
APPROVED

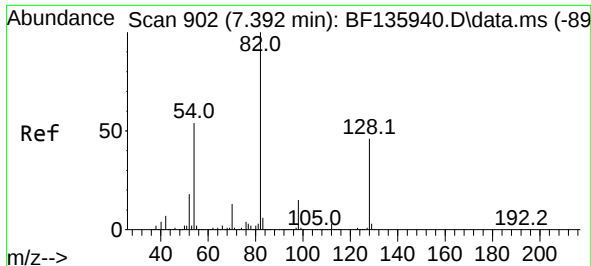
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 46.136 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:105 Resp: 730069
Ion Ratio Lower Upper
105 100
71 7.1 3.4 5.2#
51 26.9 28.4 42.6#
120 22.5 17.8 26.6





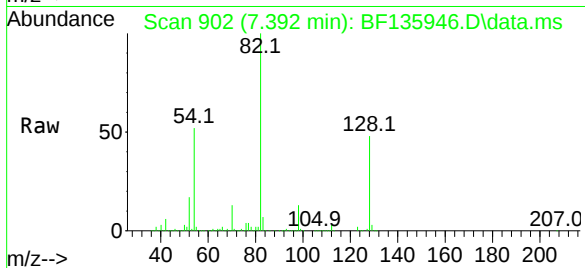
#23
Nitrobenzene-d5
Concen: 93.238 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

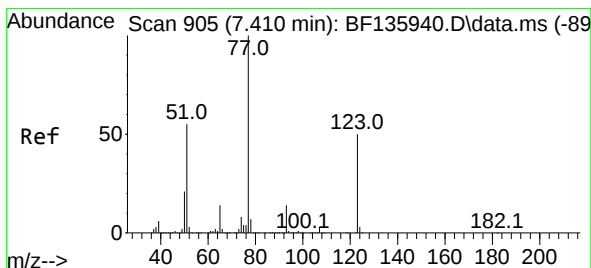
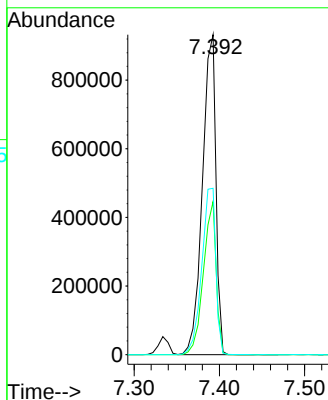
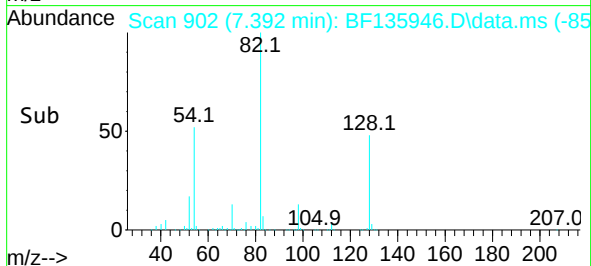


Tgt Ion: 82 Resp: 1023228
Ion Ratio Lower Upper
82 100
128 47.8 36.8 55.2
54 52.0 43.4 65.0

Manual Integrations

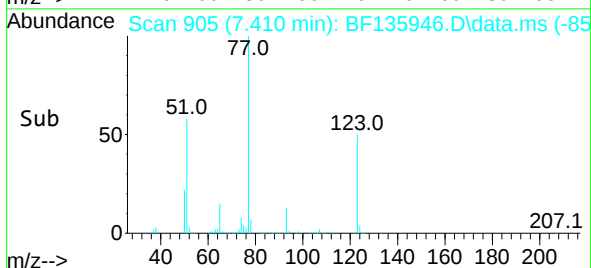
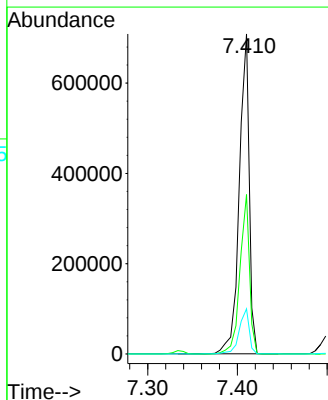
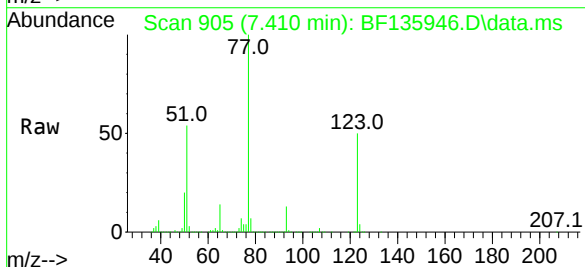
APPROVED

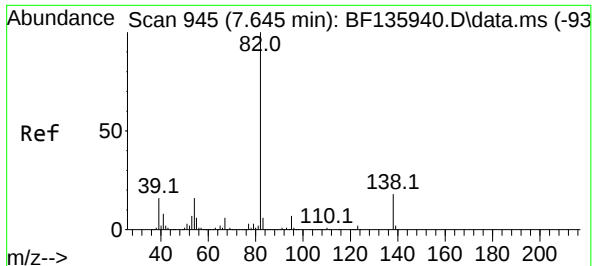
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#24
Nitrobenzene
Concen: 47.027 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 77 Resp: 545005
Ion Ratio Lower Upper
77 100
123 49.8 40.2 60.2
65 14.1 11.0 16.4





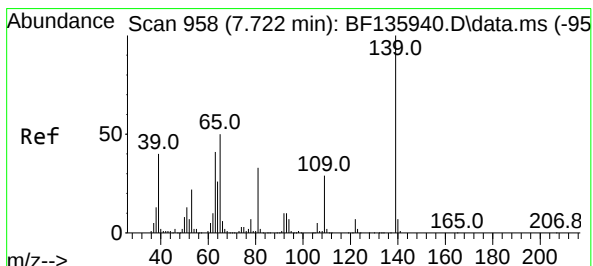
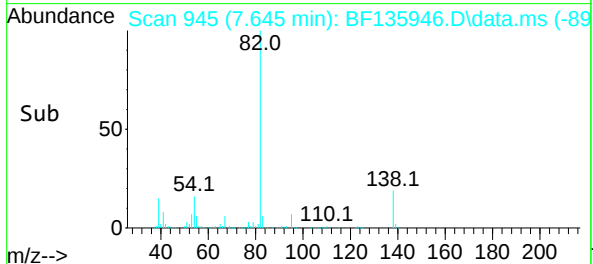
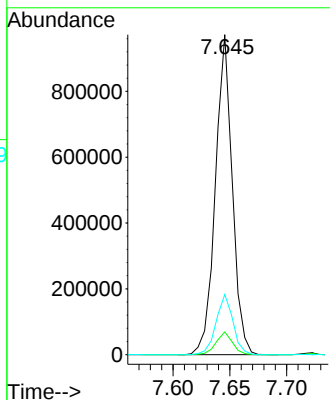
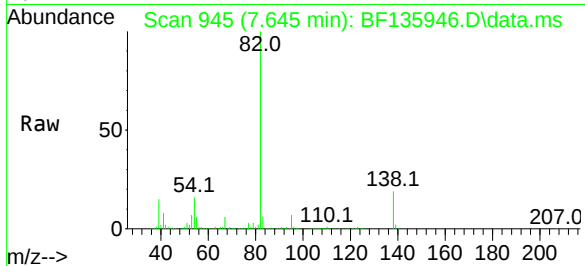
#25
Isophorone
Concen: 45.522 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :
BNA_F
ClientSampleId :
PB156430BS

Tgt Ion: 82 Resp: 100813
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.8 14.8 22.2

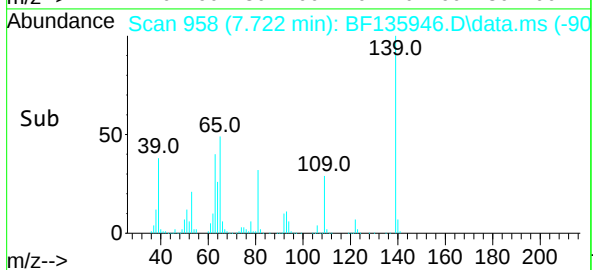
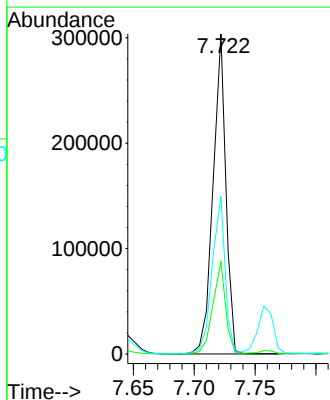
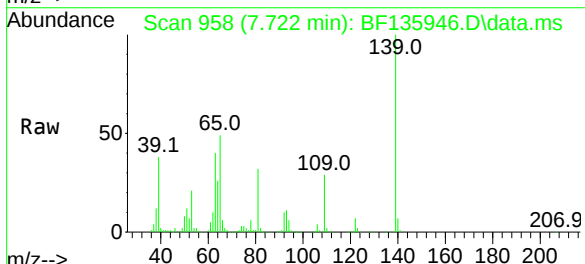
Manual Integrations
APPROVED

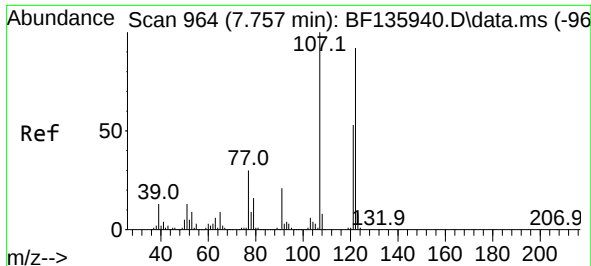
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#26
2-Nitrophenol
Concen: 52.599 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:139 Resp: 222729
Ion Ratio Lower Upper
139 100
109 28.8 23.1 34.7
65 49.2 39.8 59.8





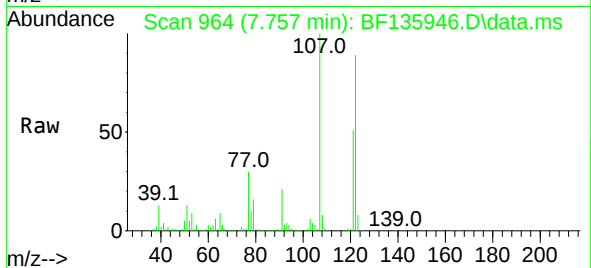
#27
2,4-Dimethylphenol
Concen: 42.595 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



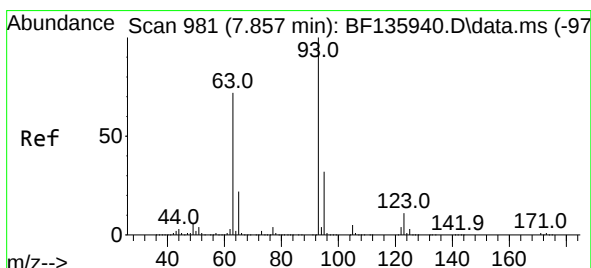
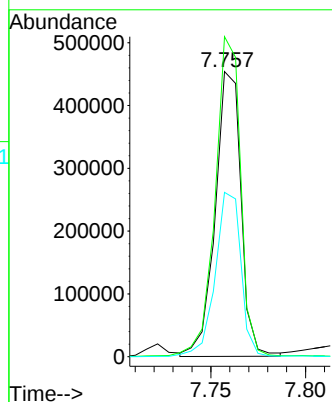
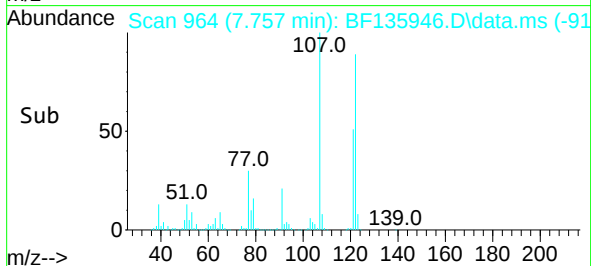
Tgt Ion:122 Resp: 42993
Ion Ratio Lower Upper
122 100
107 112.2 87.1 130.7
121 57.6 45.9 68.9

Manual Integrations

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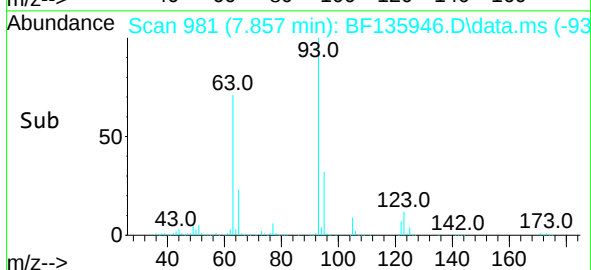
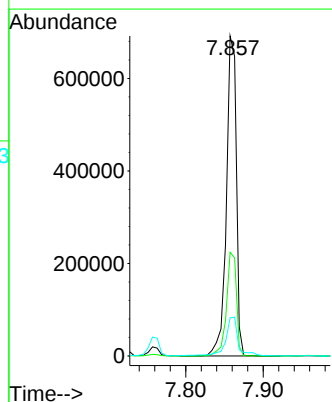
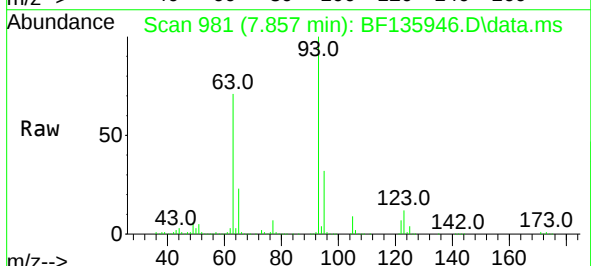
Reviewed By :Yogesh Patel 10/26/2023

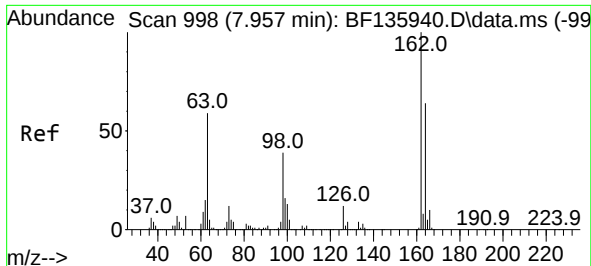
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.358 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion: 93 Resp: 616842
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.9 9.0 13.6





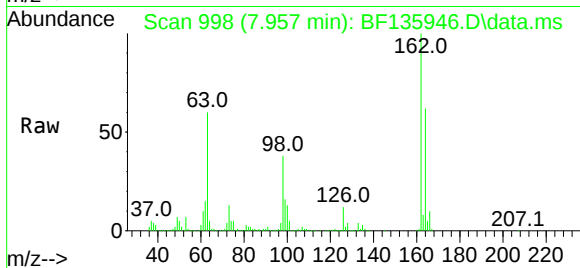
#29
2,4-Dichlorophenol
Concen: 49.156 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

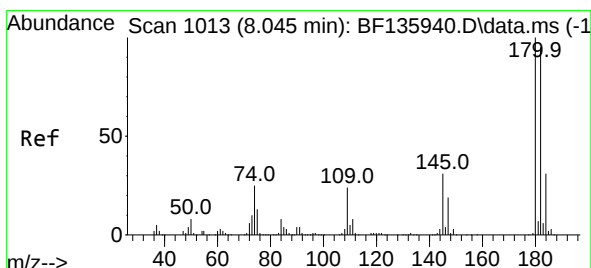
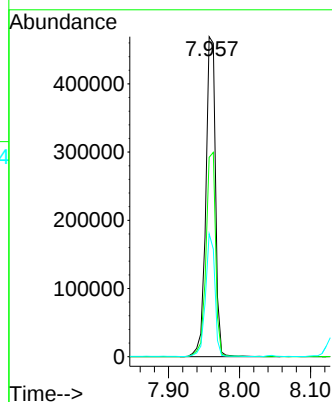
PB156430BS



Tgt Ion:162 Resp: 444295
Ion Ratio Lower Upper
162 100
164 62.3 43.7 83.7
98 38.4 18.8 58.8

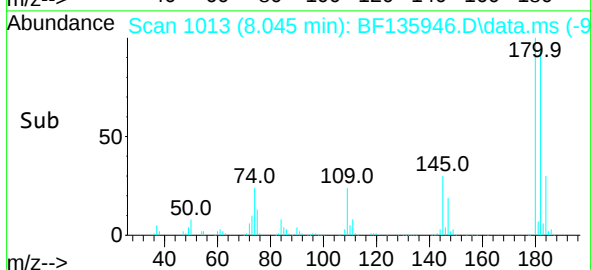
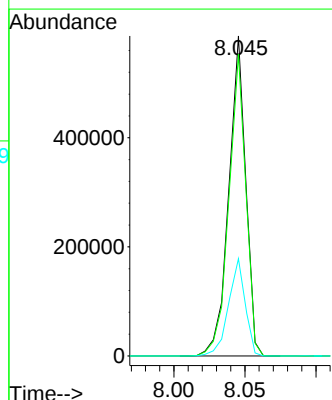
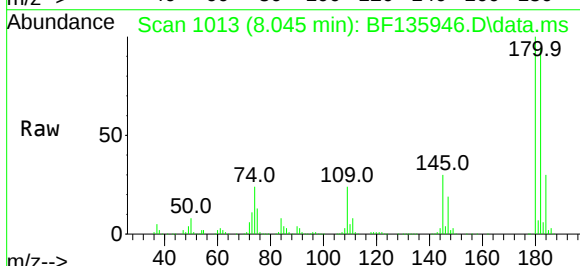
Manual Integrations
APPROVED

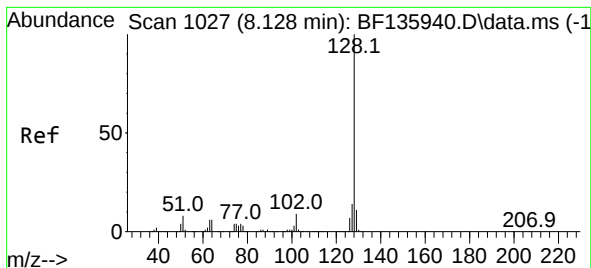
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.610 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:180 Resp: 487222
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 30.4 24.6 36.8





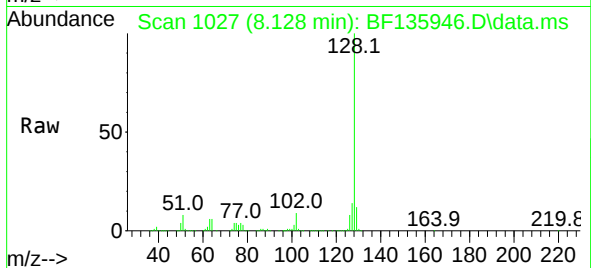
#31
Naphthalene
Concen: 45.478 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



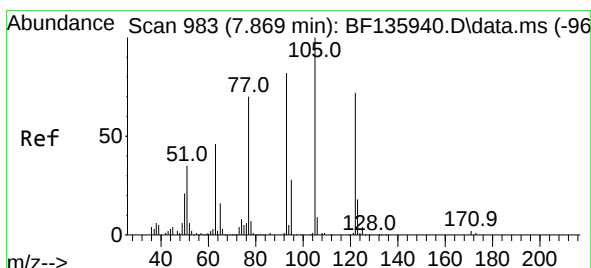
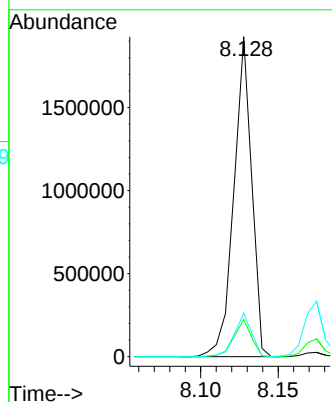
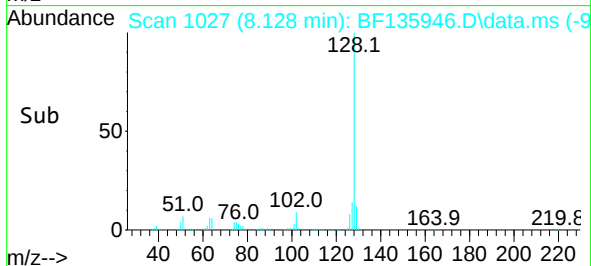
Tgt Ion:128 Resp: 1540514
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.9 16.3

Manual Integrations

APPROVED

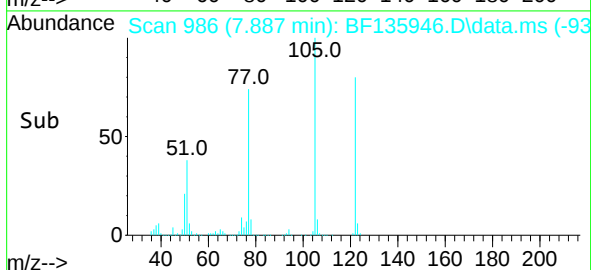
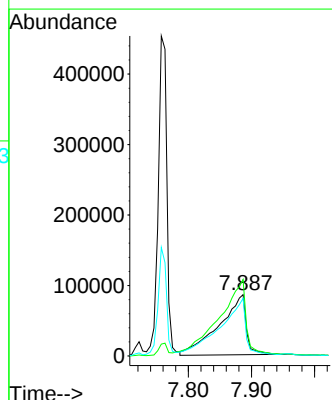
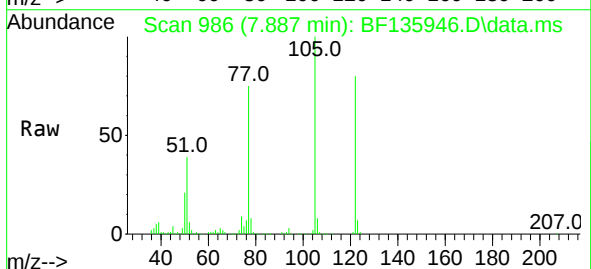
Reviewed By :Yogesh Patel 10/26/2023

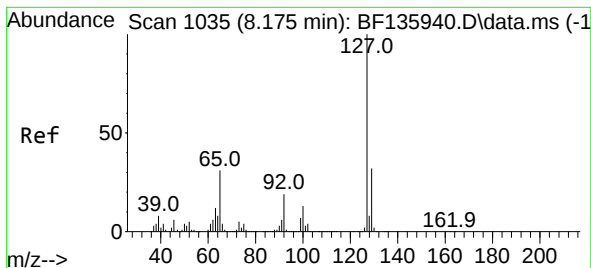
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 50.817 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:122 Resp: 254652
Ion Ratio Lower Upper
122 100
105 124.8 113.1 153.1
77 94.0 75.2 115.2





#33
4-Chloroaniline
Concen: 19.508 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

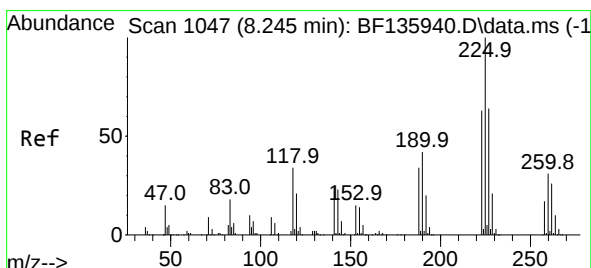
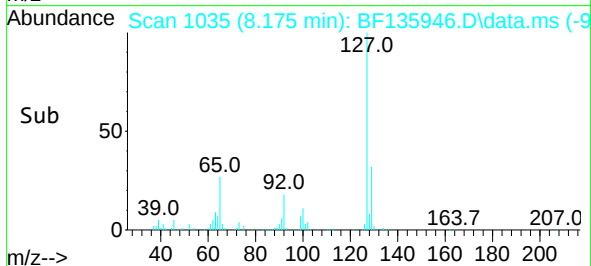
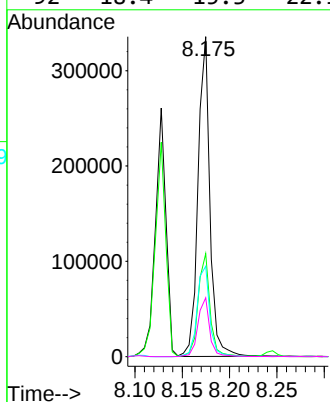
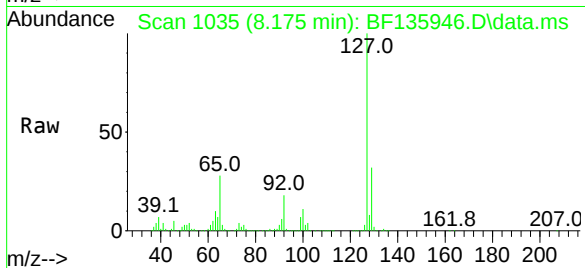
PB156430BS

Tgt Ion:127 Resp: 292062
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 28.3 24.8 37.2
92 18.4 15.3 22.9

Manual Integrations

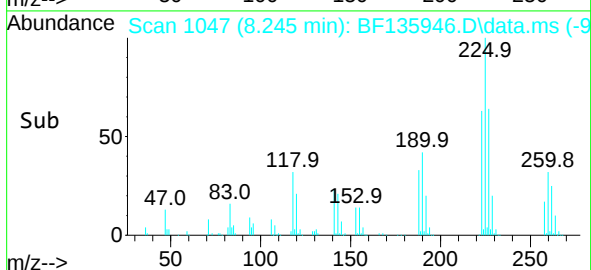
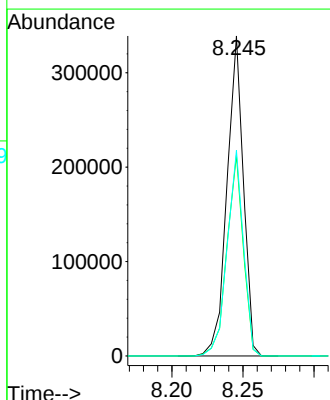
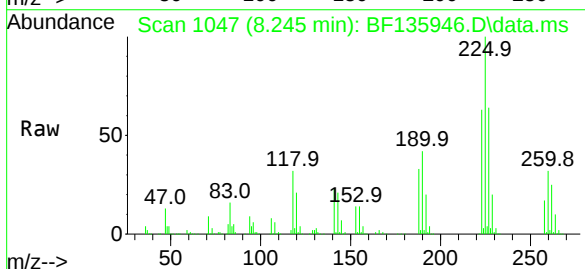
APPROVED

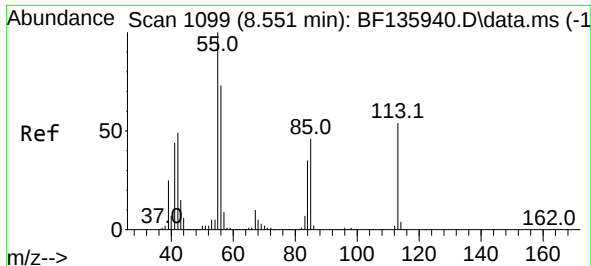
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 47.043 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

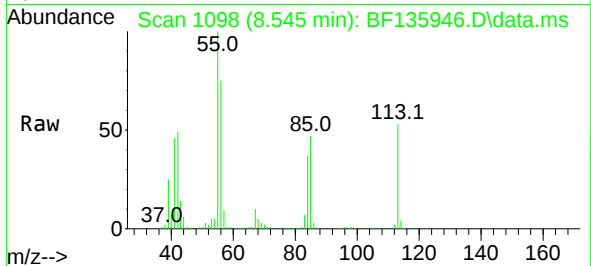
Tgt Ion:225 Resp: 271351
Ion Ratio Lower Upper
225 100
223 62.7 50.6 75.8
227 64.2 50.9 76.3





#35
 Caprolactam
 Concen: 50.347 ng m
 RT: 8.545 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

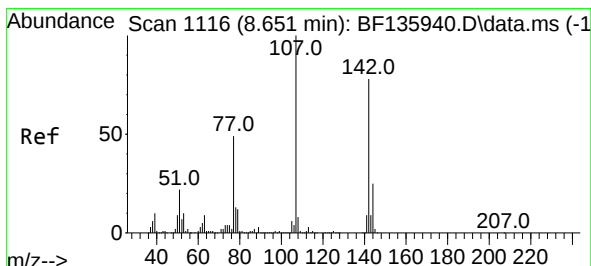
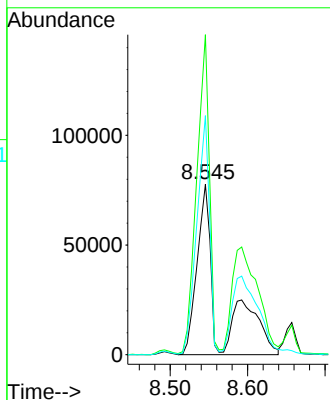
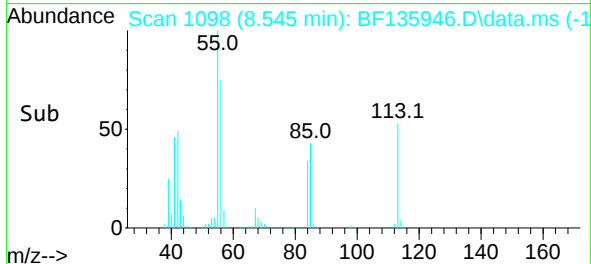
Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS



Tgt Ion:113 Resp: 15143
 Ion Ratio Lower Upper
 113 100
 55 187.8 165.4 205.4
 56 140.2 115.2 155.2

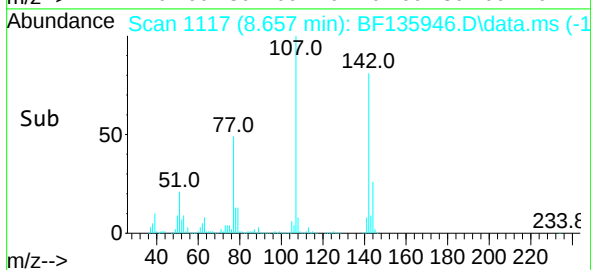
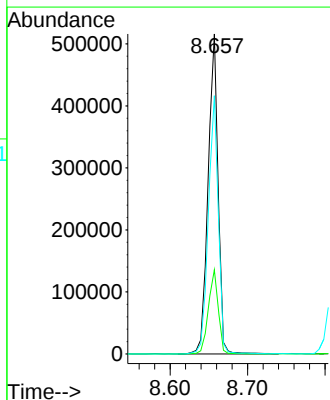
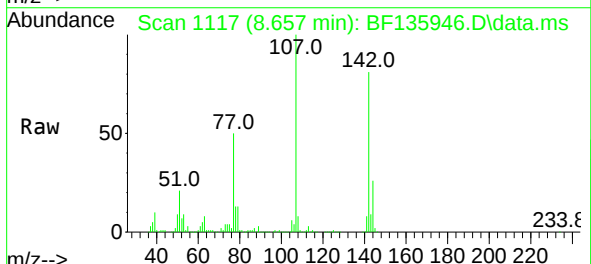
Manual Integrations
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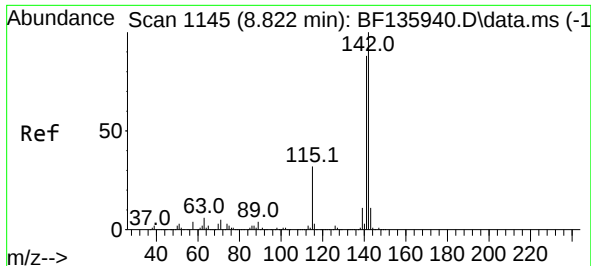
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.262 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

Tgt Ion:107 Resp: 463566
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.9 29.9
 142 80.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.441 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

Tgt Ion:142 Resp: 97361

Ion Ratio Lower Upper

142 100

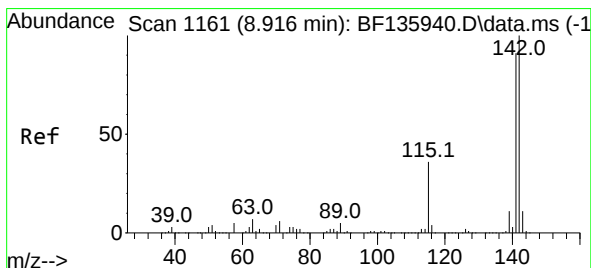
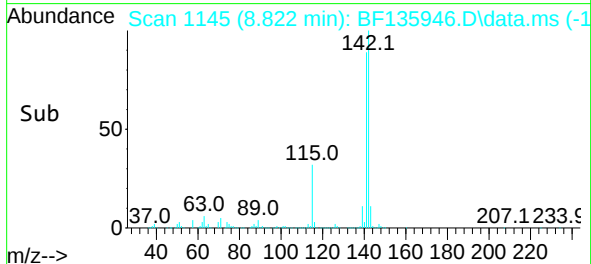
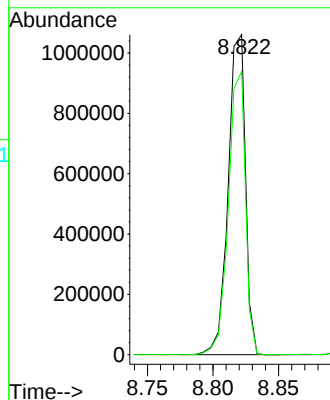
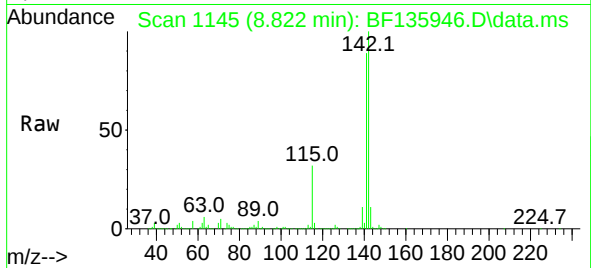
141 88.6 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 44.884 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135946.D

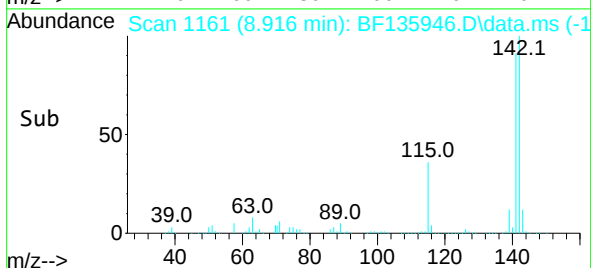
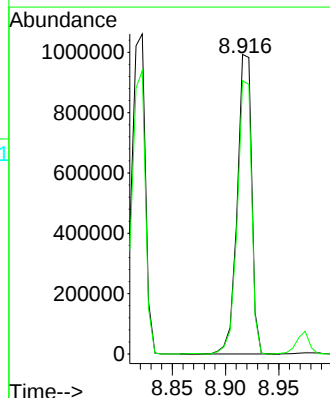
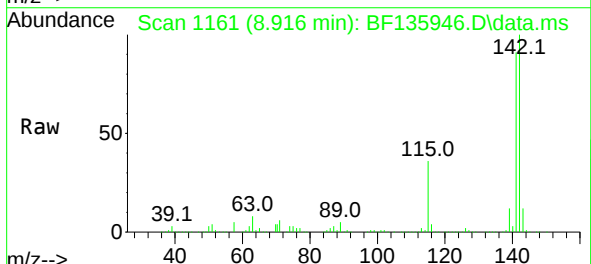
Acq: 25 Oct 2023 17:51

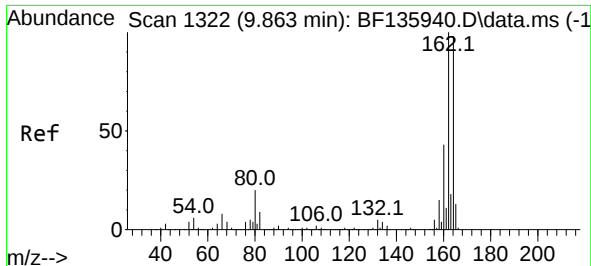
Tgt Ion:142 Resp: 939958

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7





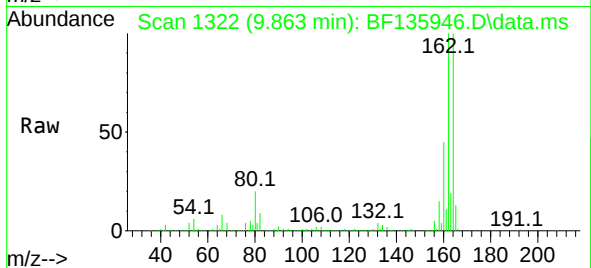
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

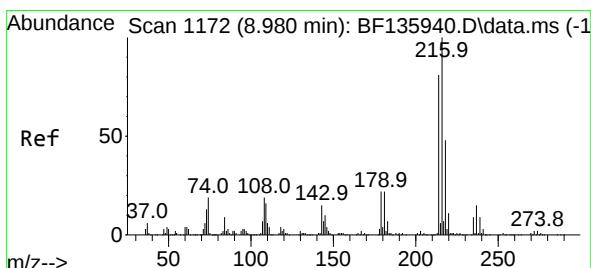
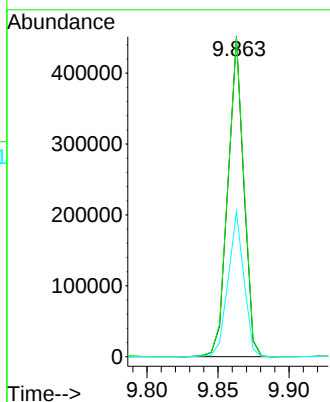
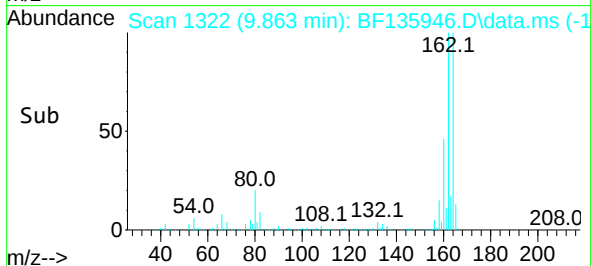
PB156430BS



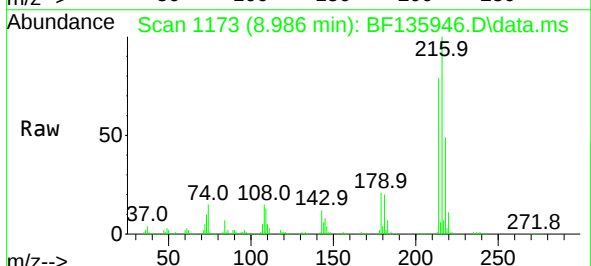
Tgt Ion:164 Resp: 35079
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 45.4 35.6 53.4

Manual Integrations
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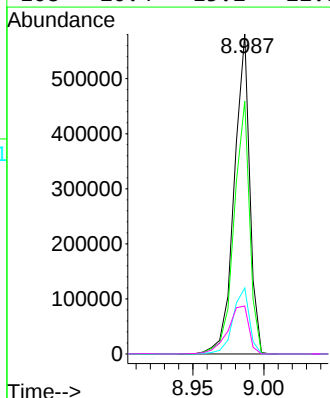
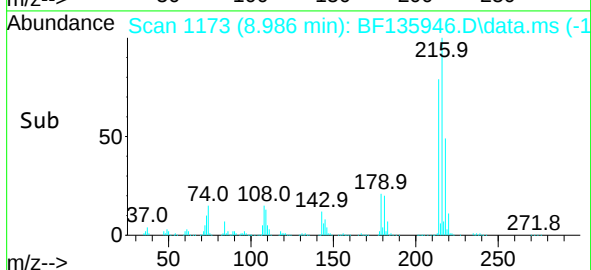
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

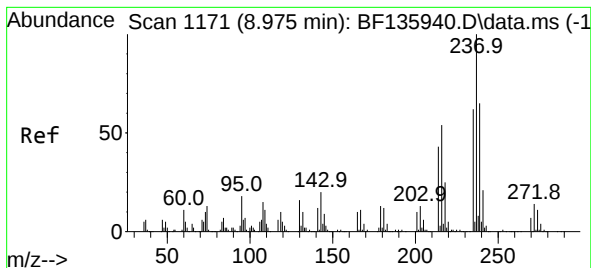


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.500 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:216 Resp: 440892
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 21.7 17.3 25.9
108 20.4 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 102.394 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

Tgt Ion:237 Resp: 50023

Ion Ratio Lower Upper

237 100

235 61.9 41.7 81.7

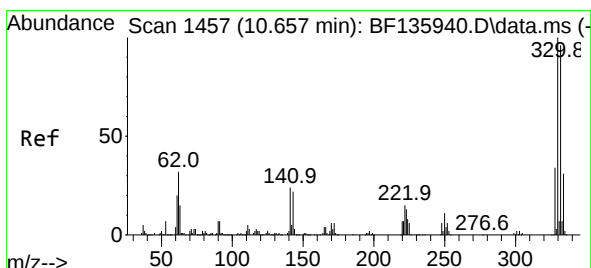
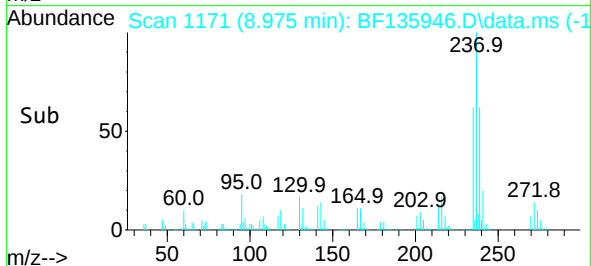
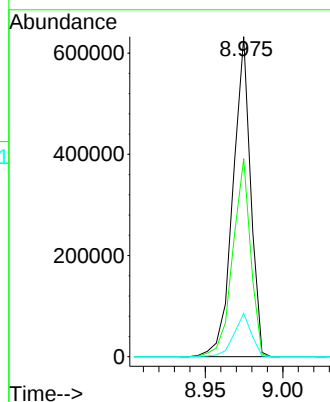
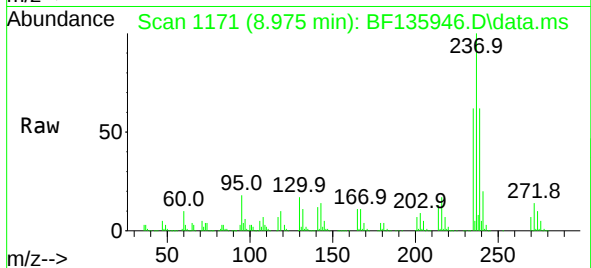
272 13.6 0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#42

2,4,6-Tribromophenol

Concen: 161.476 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

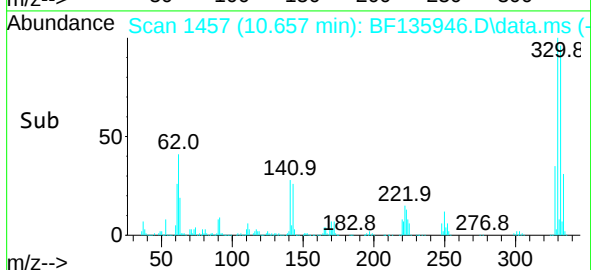
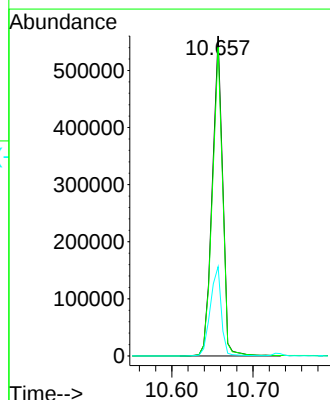
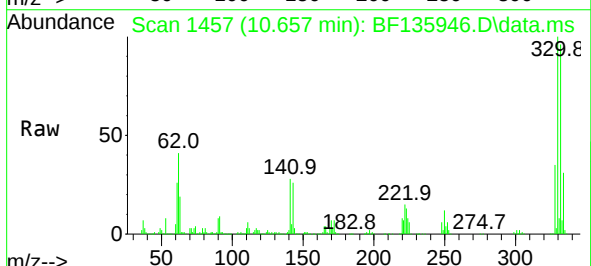
Tgt Ion:330 Resp: 495807

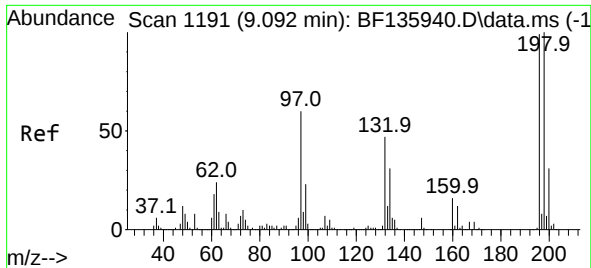
Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

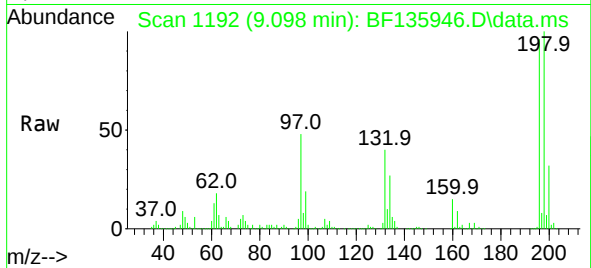
141 29.6 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 51.573 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

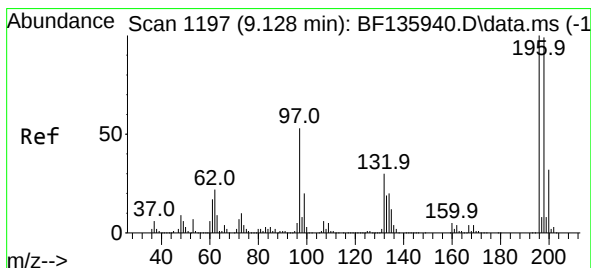
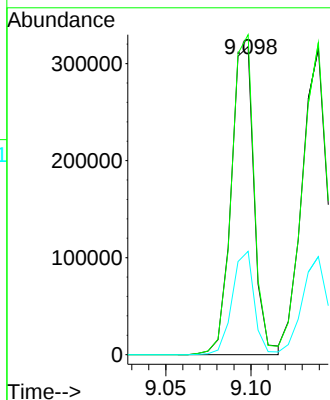
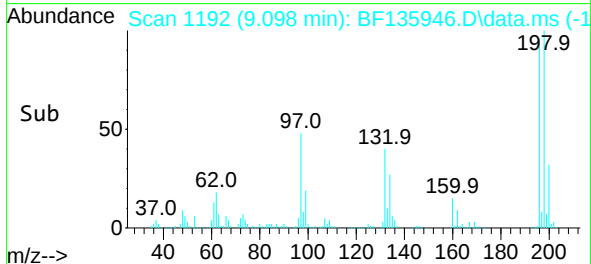
Instrument :
BNA_F
ClientSampleId :
PB156430BS



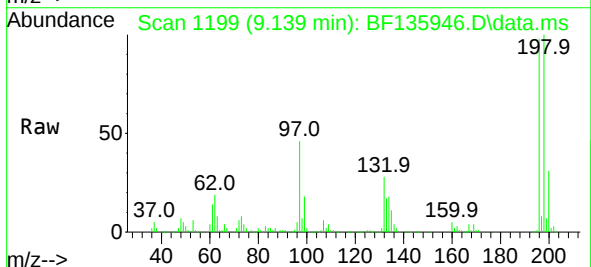
Tgt Ion:196 Resp: 299064
Ion Ratio Lower Upper
196 100
198 103.9 81.0 121.4
200 33.6 25.4 38.0

Manual Integrations
APPROVED

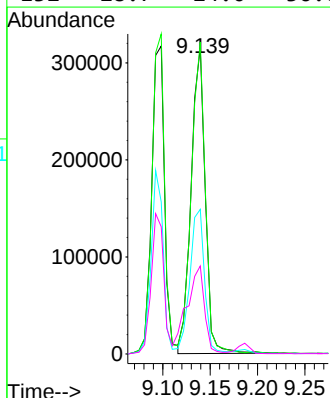
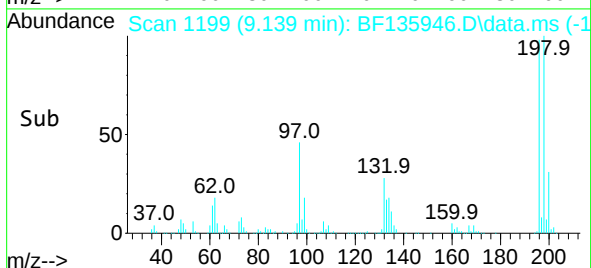
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

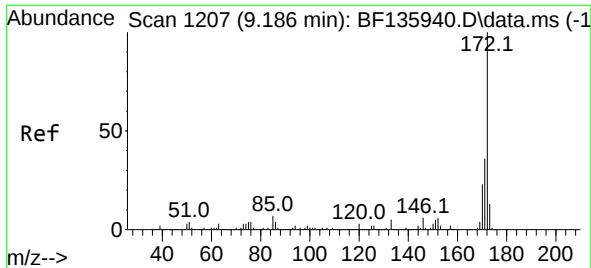


#44
2,4,5-Trichlorophenol
Concen: 47.849 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:196 Resp: 329443
Ion Ratio Lower Upper
196 100
198 101.8 79.1 118.7
97 47.2 42.3 63.5
132 28.7 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 86.703 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

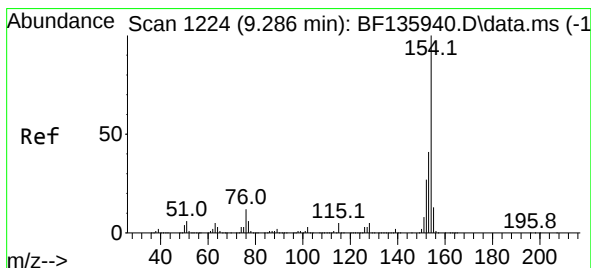
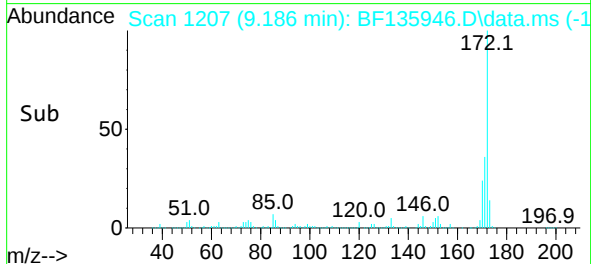
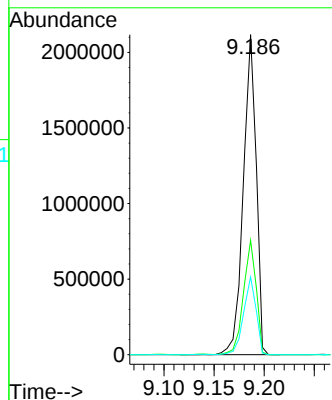
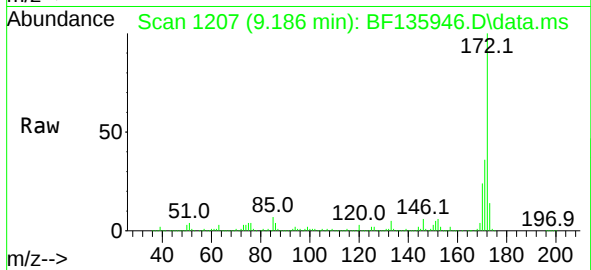
PB156430BS

Tgt Ion:172 Resp: 189942
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 18.6 28.0

Manual Integrations

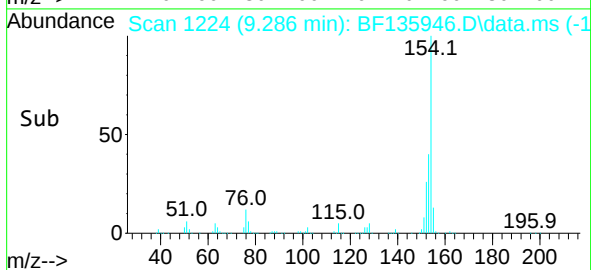
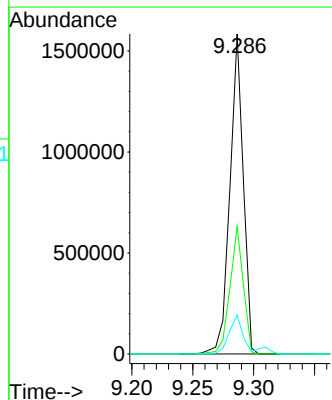
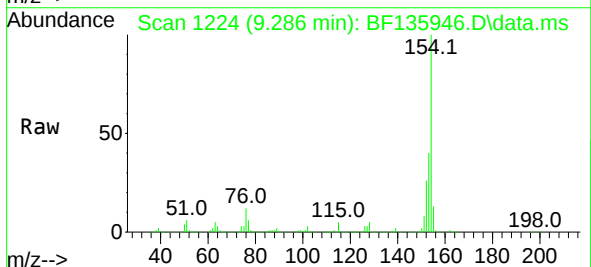
APPROVED

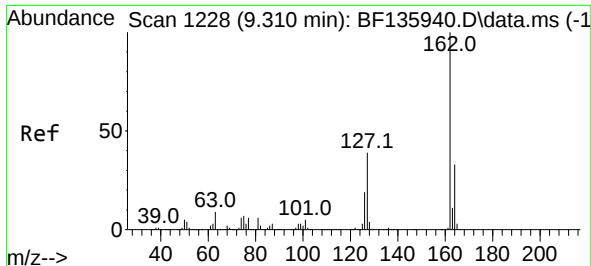
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#46
1,1'-Biphenyl
Concen: 45.596 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:154 Resp: 1211966
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 47.124 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

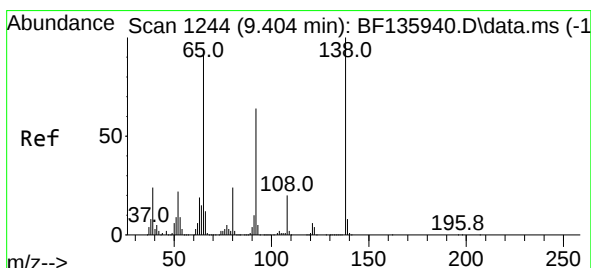
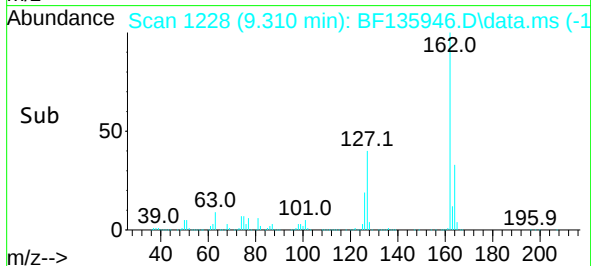
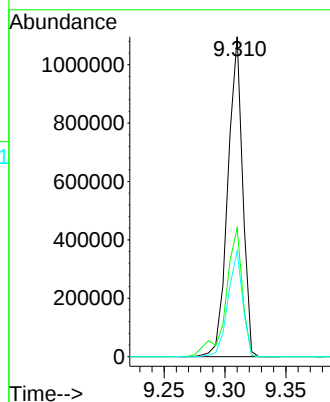
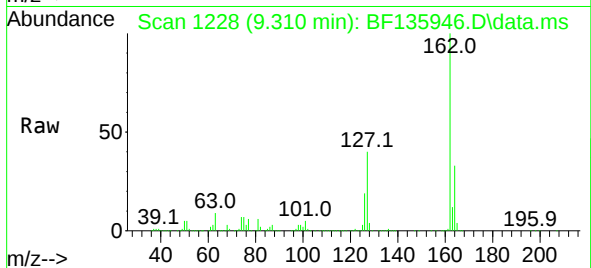
Tgt Ion:	162	Resp:	92649
Ion Ratio	Lower	Upper	
162	100		
127	40.3	31.0	46.4
164	33.1	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#48

2-Nitroaniline

Concen: 49.919 ng

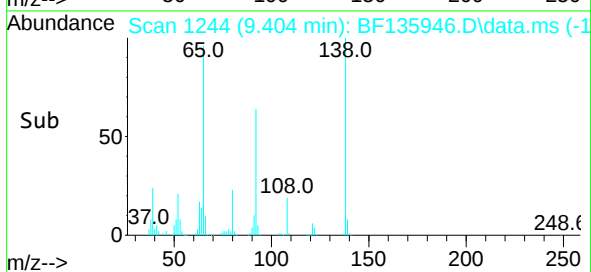
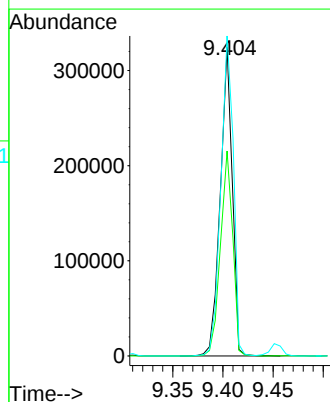
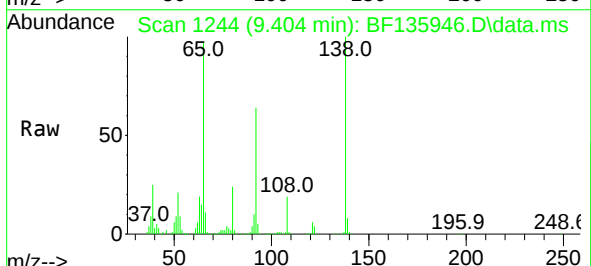
RT: 9.404 min Scan# 1244

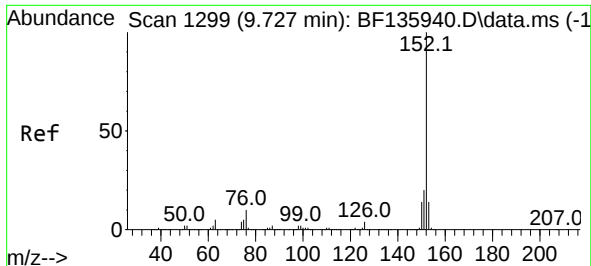
Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

Tgt Ion:	65	Resp:	270452
Ion Ratio	Lower	Upper	
65	100		
92	66.4	54.9	82.3
138	103.6	85.2	127.8





#49

Acenaphthylene

Concen: 47.745 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF135946.D

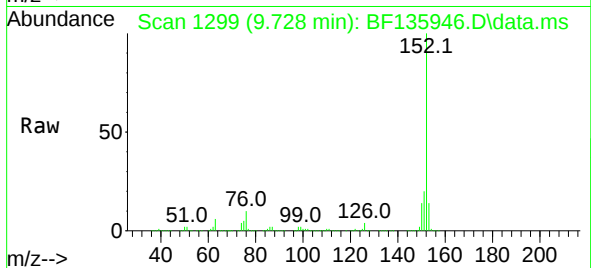
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



Tgt Ion:152 Resp: 1480889

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

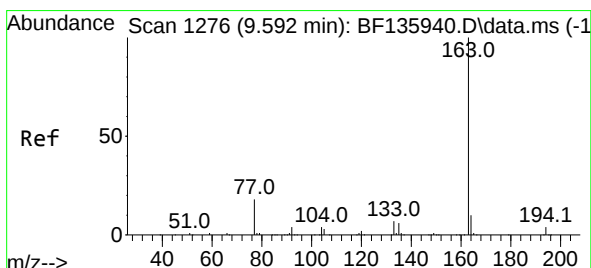
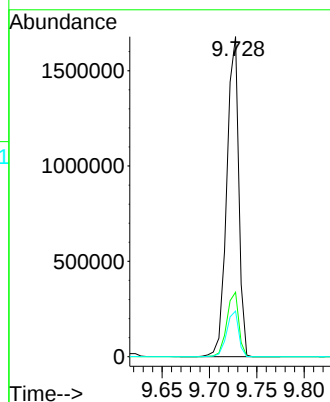
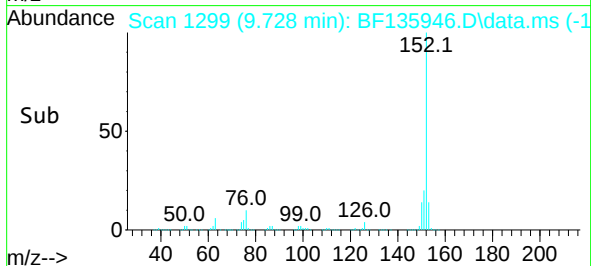
153 14.2 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#50

Dimethylphthalate

Concen: 45.899 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

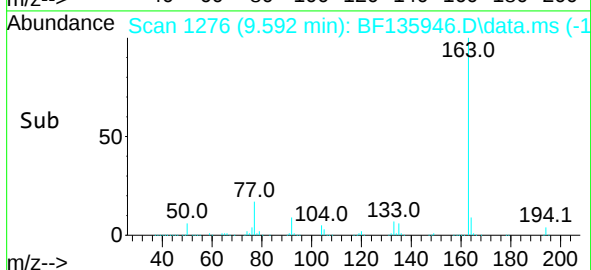
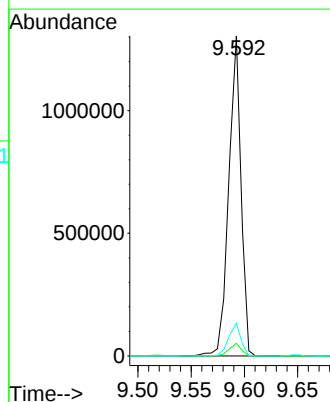
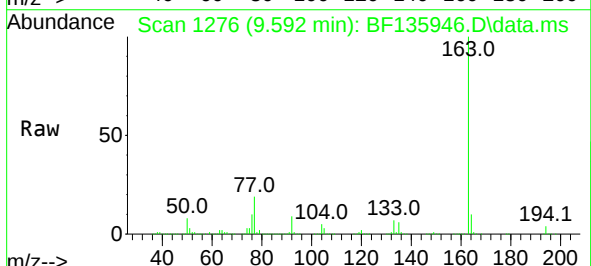
Tgt Ion:163 Resp: 1044138

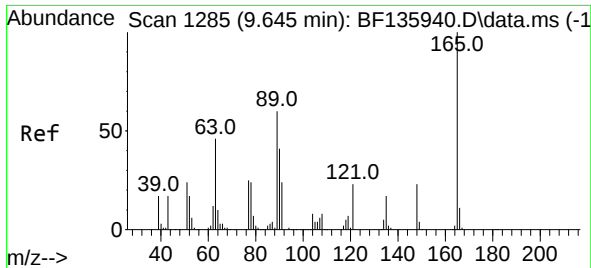
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.973 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

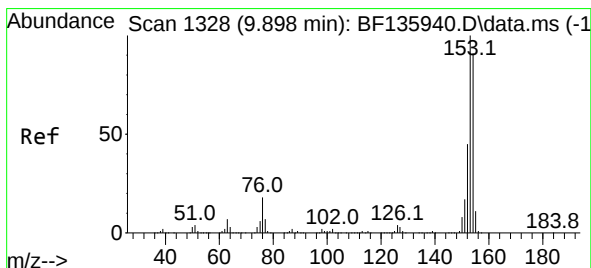
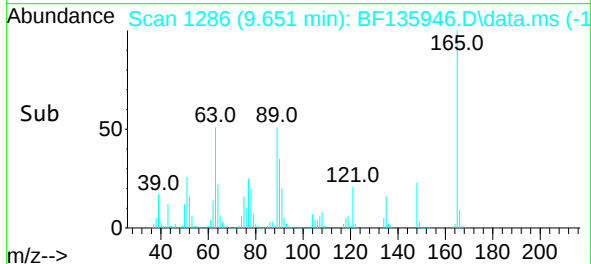
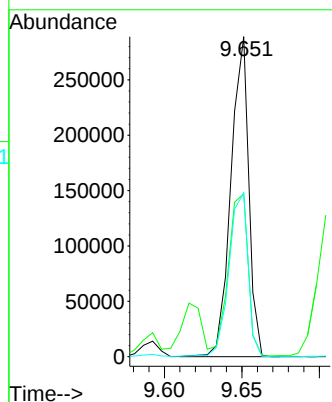
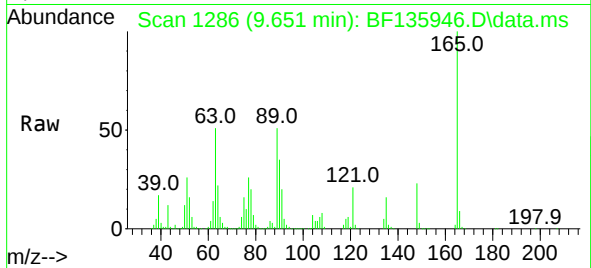
ClientSampleId :

PB156430BS

Tgt Ion:165 Resp: 231479
Ion Ratio Lower Upper
165 100
63 50.9 51.7 77.5
89 51.3 48.3 72.5

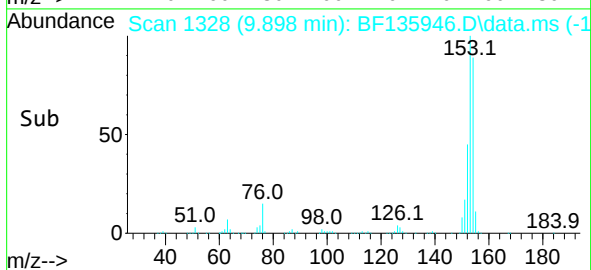
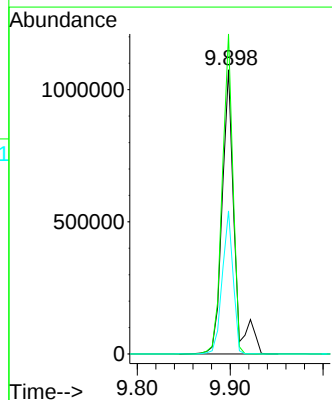
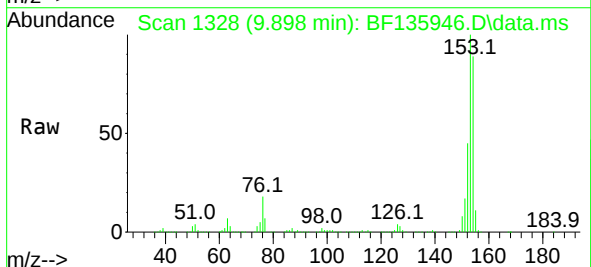
Manual Integrations
APPROVED

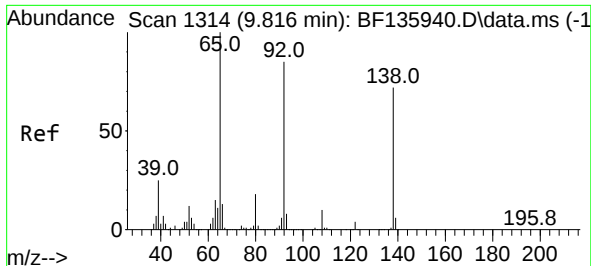
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 49.305 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:154 Resp: 980065
Ion Ratio Lower Upper
154 100
153 112.6 88.0 132.0
152 50.3 39.4 59.2





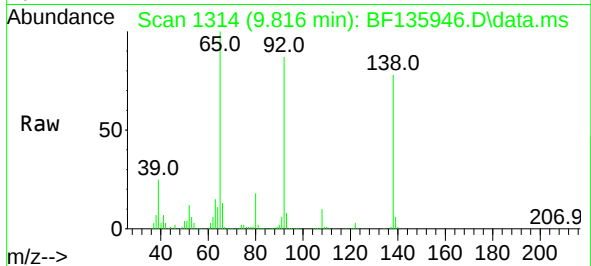
#53
3-Nitroaniline
Concen: 35.317 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



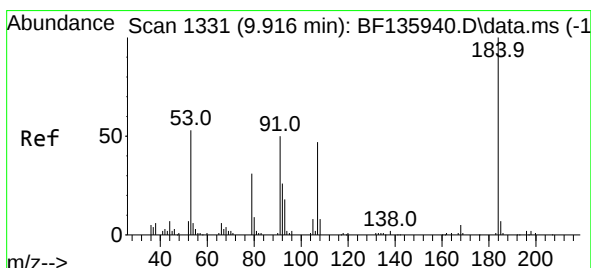
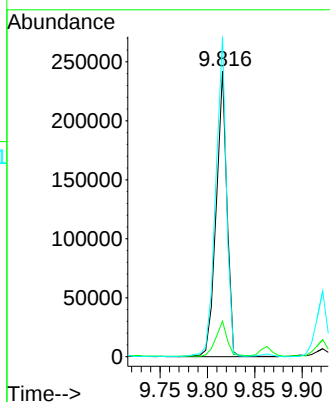
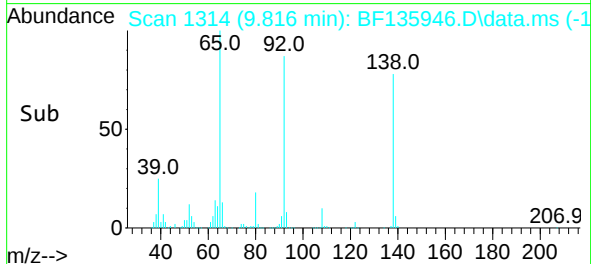
Tgt Ion:138 Resp: 191784
Ion Ratio Lower Upper
138 100
108 12.5 11.3 16.9
92 112.1 95.0 142.6

Manual Integrations

APPROVED

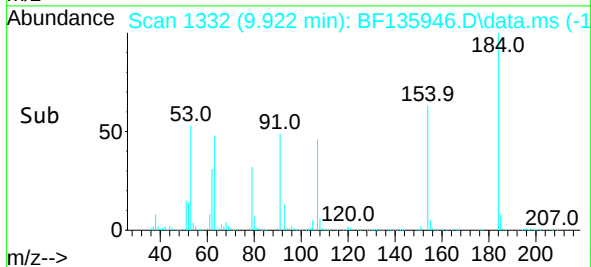
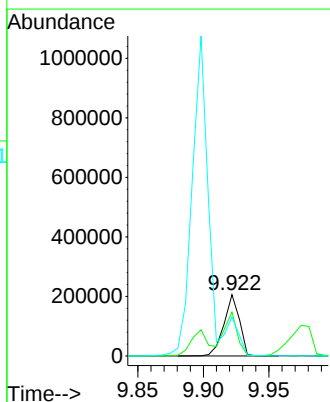
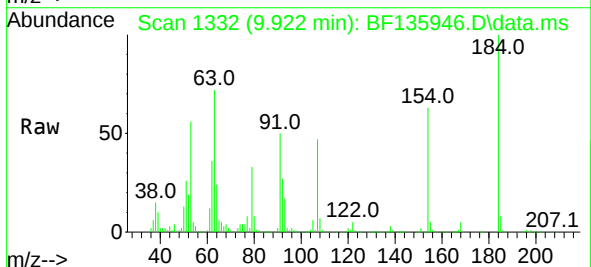
Reviewed By :Yogesh Patel 10/26/2023

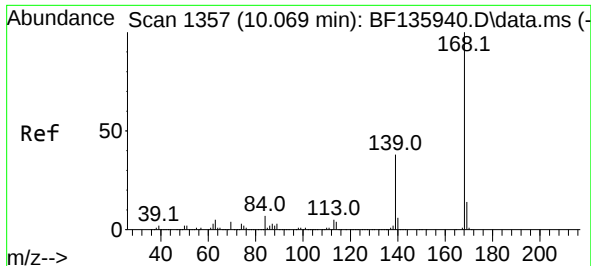
Supervised By :mohammad ahmed 10/26/2023



#54
2,4-Dinitrophenol
Concen: 87.532 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:184 Resp: 169735
Ion Ratio Lower Upper
184 100
63 71.6 56.3 84.5
154 63.1 48.1 72.1





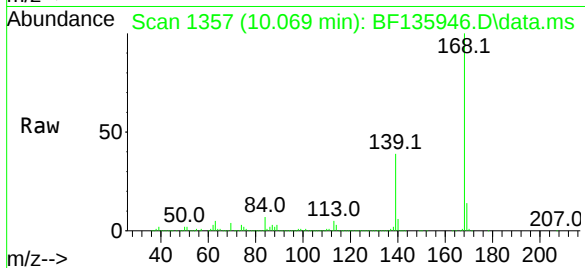
#55
Dibenzofuran
Concen: 45.273 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



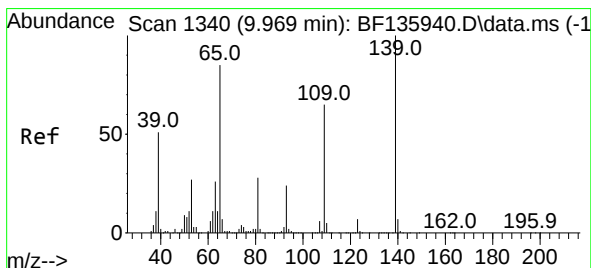
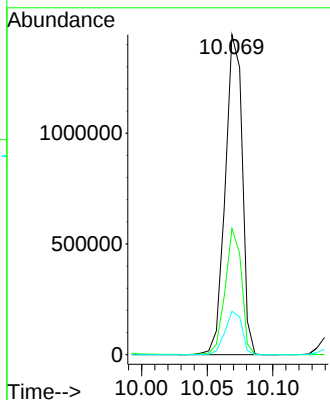
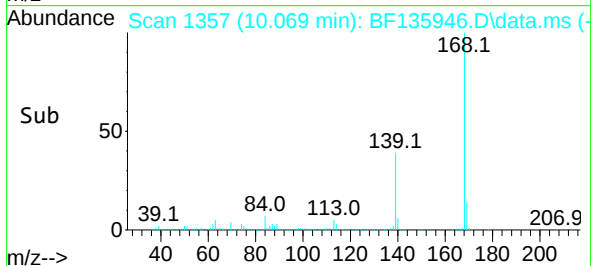
Tgt Ion:168 Resp: 130008
Ion Ratio Lower Upper
168 100
139 39.4 30.7 46.1
169 13.5 11.1 16.7

Manual Integrations

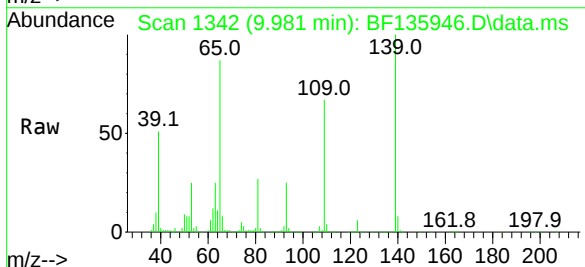
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

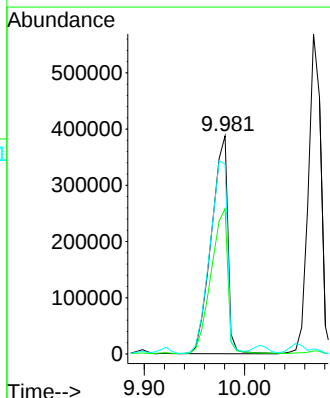
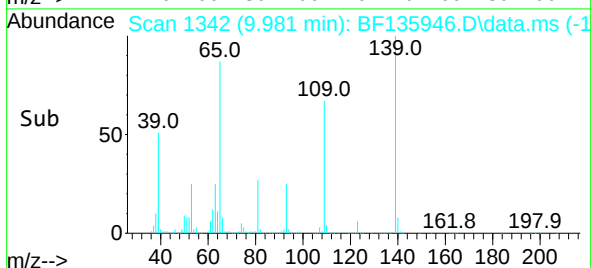
Supervised By :mohammad ahmed 10/26/2023

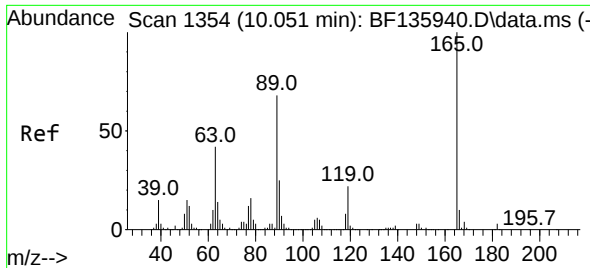


#56
4-Nitrophenol
Concen: 94.634 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:139 Resp: 439914
Ion Ratio Lower Upper
139 100
109 66.6 45.2 85.2
65 87.0 65.1 105.1





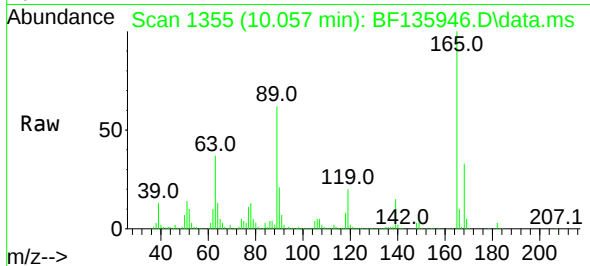
#57
2,4-Dinitrotoluene
Concen: 52.275 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

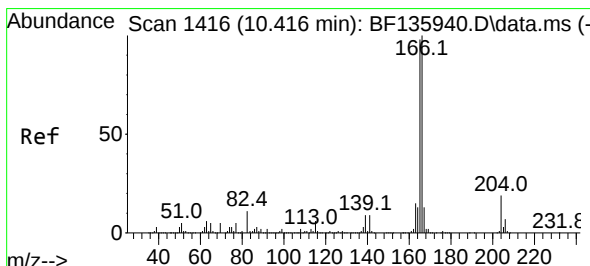
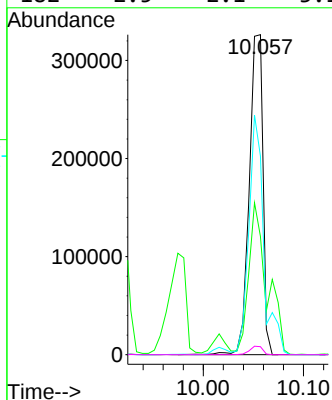
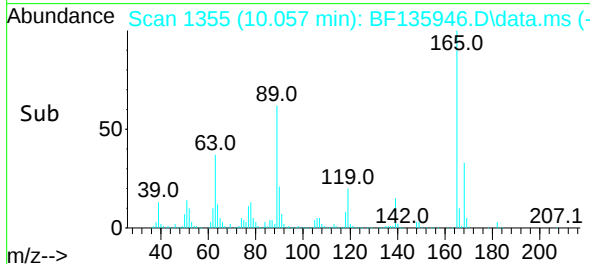


Tgt Ion:165 Resp: 308610
Ion Ratio Lower Upper
165 100
63 37.0 33.7 50.5
89 62.1 54.6 81.8
182 2.5 2.1 3.1

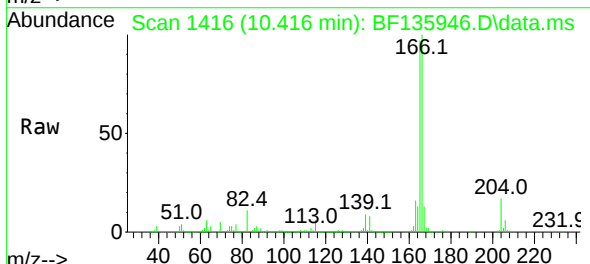
Manual Integrations

APPROVED

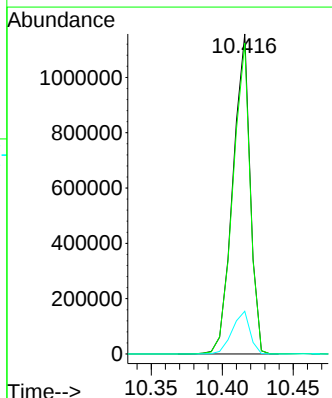
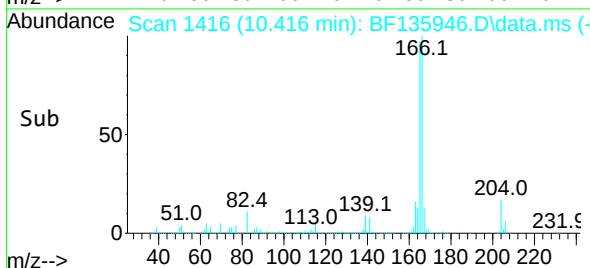
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

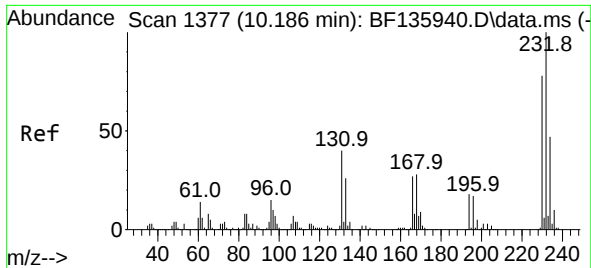


#58
Fluorene
Concen: 45.526 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:166 Resp: 978087
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.3 10.6 16.0





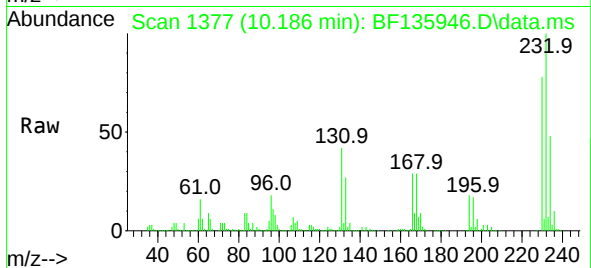
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.915 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

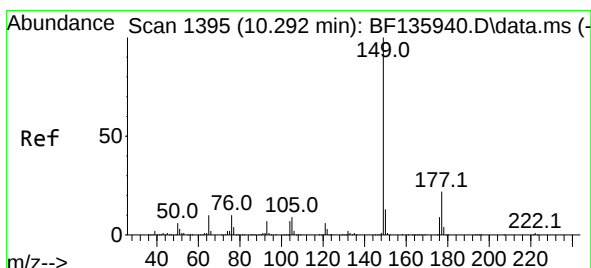
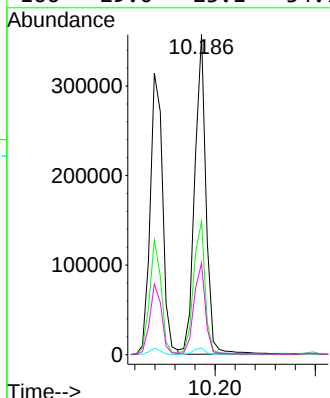
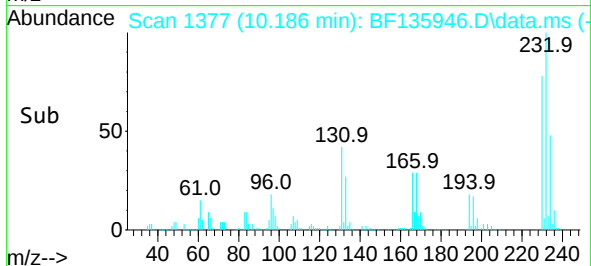


Tgt Ion:232 Resp: 279332
Ion Ratio Lower Upper
232 100
131 42.9 35.2 52.8
130 2.2 1.7 2.5
166 29.0 23.1 34.7

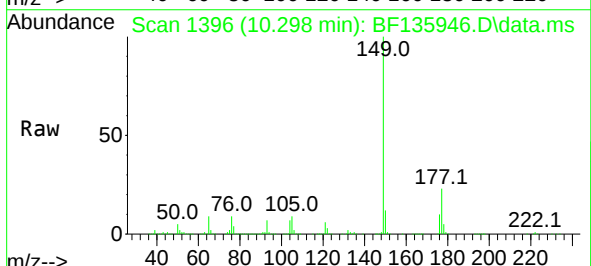
Manual Integrations

APPROVED

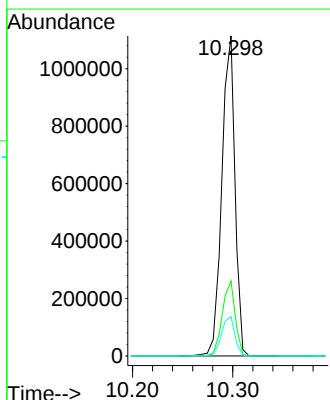
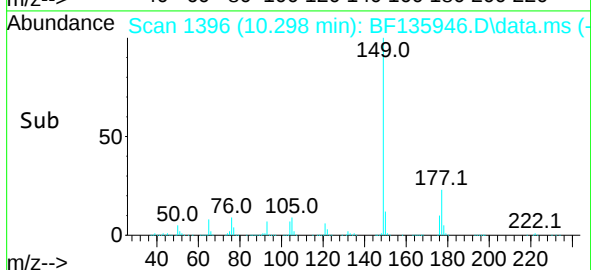
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

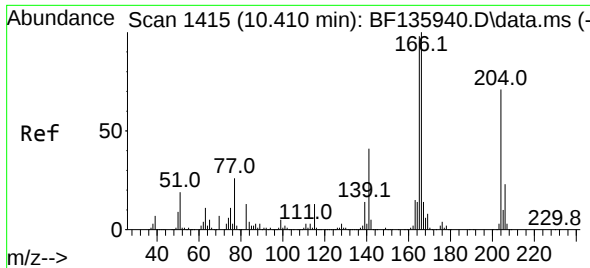


#60
Diethylphthalate
Concen: 46.545 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



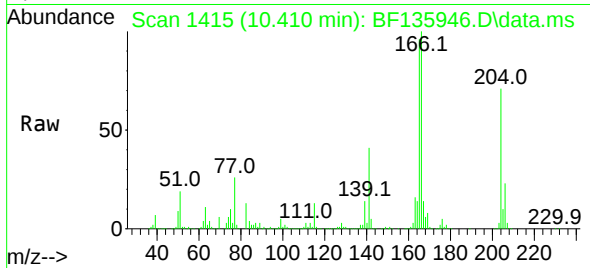
Tgt Ion:149 Resp: 1009691
Ion Ratio Lower Upper
149 100
177 23.5 17.9 26.9
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.485 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

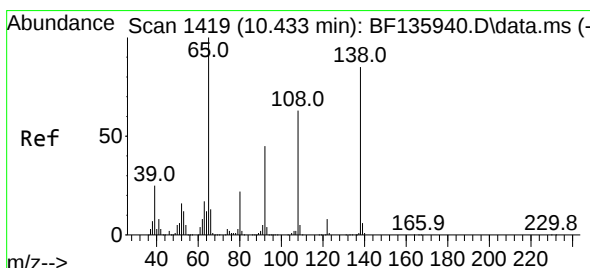
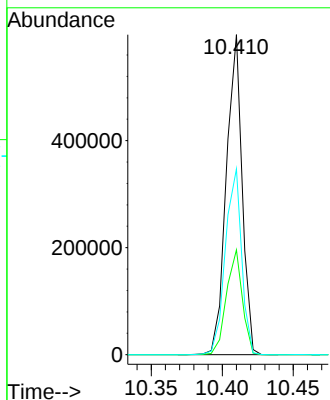
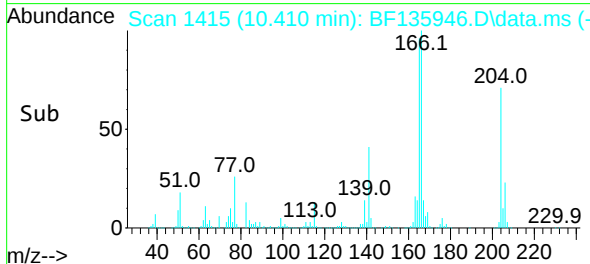
Instrument :
BNA_F
ClientSampleId :
PB156430BS



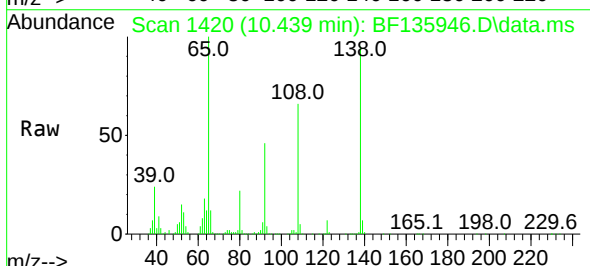
Tgt Ion:204 Resp: 461010
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.1 46.2 69.2

Manual Integrations
APPROVED

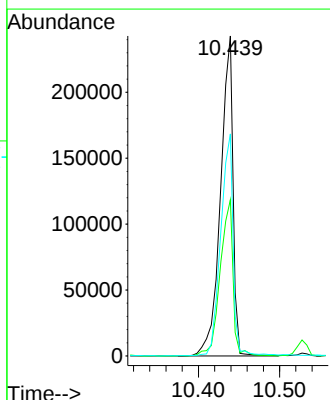
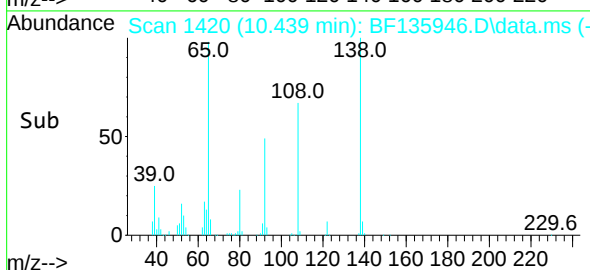
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

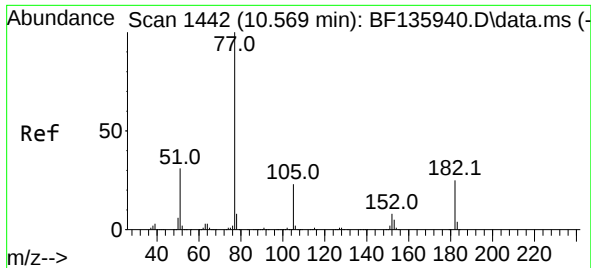


#62
4-Nitroaniline
Concen: 46.766 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:138 Resp: 260572
Ion Ratio Lower Upper
138 100
92 48.8 32.9 72.9
108 69.4 53.5 93.5





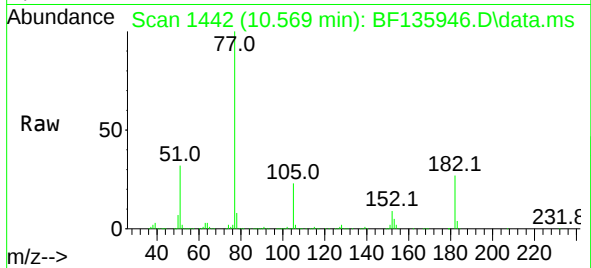
#63
Azobenzene
Concen: 45.397 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

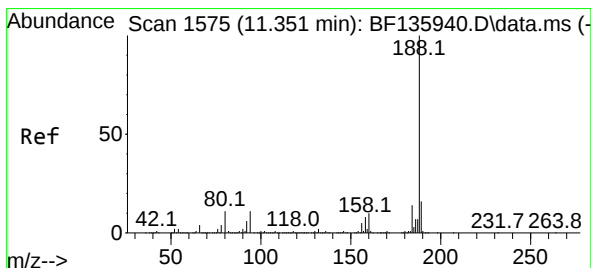
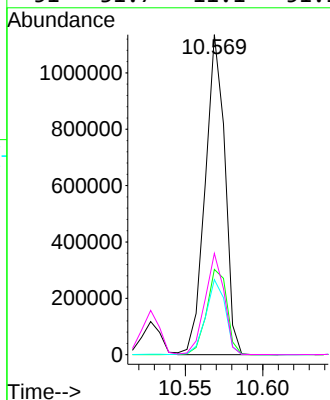
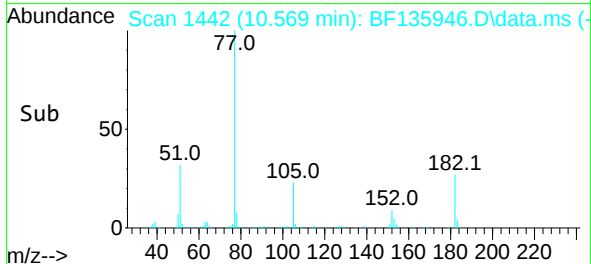


Tgt Ion: 77 Resp: 999378
Ion Ratio Lower Upper
77 100
182 26.6 5.1 45.1
105 23.4 2.8 42.8
51 31.7 11.1 51.1

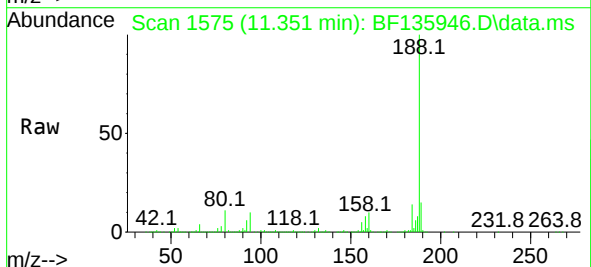
Manual Integrations

APPROVED

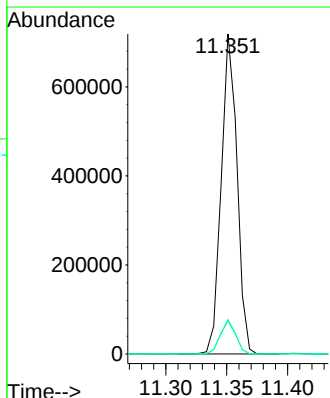
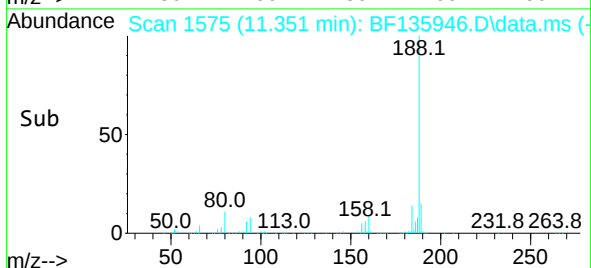
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

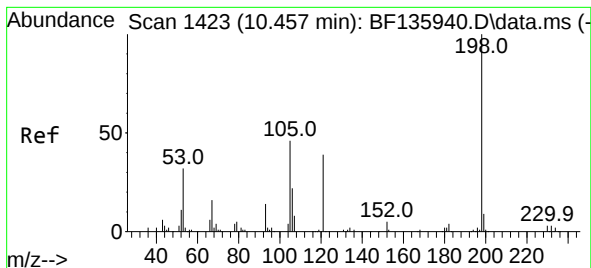


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



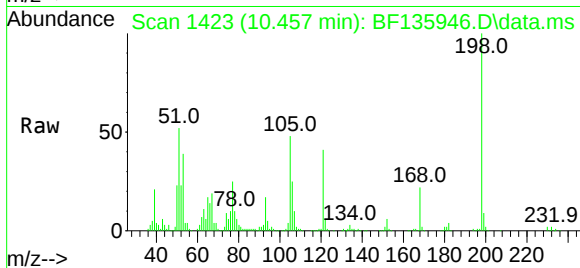
Tgt Ion:188 Resp: 648344
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 10.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 53.023 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

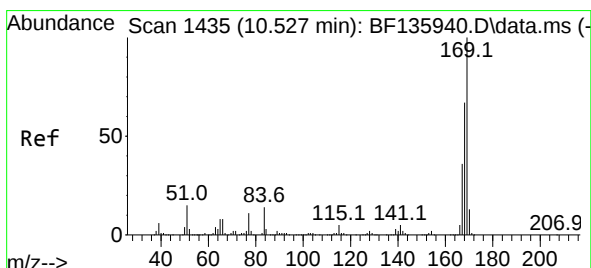
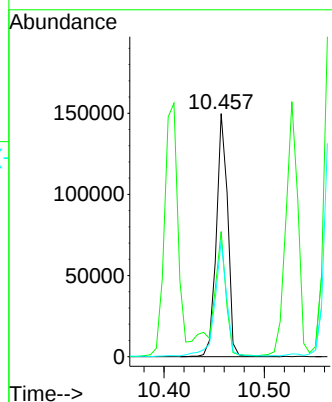
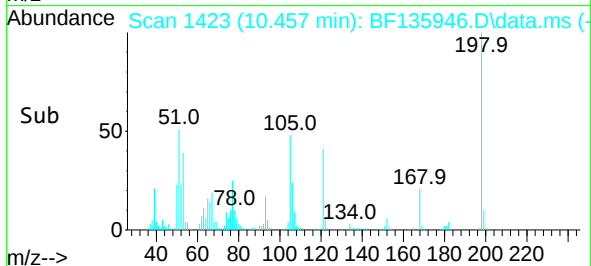
Instrument :
BNA_F
ClientSampleId :
PB156430BS



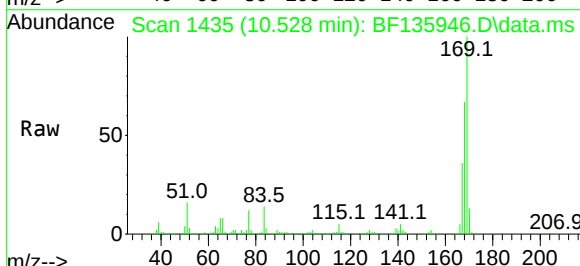
Tgt Ion:198 Resp: 117272
Ion Ratio Lower Upper
198 100
51 51.5 28.7 68.7
105 47.8 27.2 67.2

Manual Integrations
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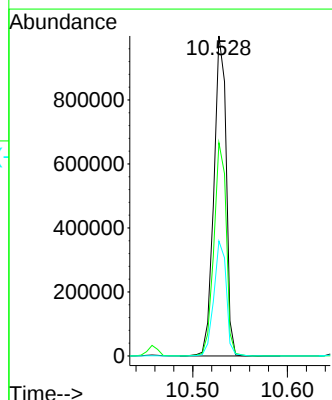
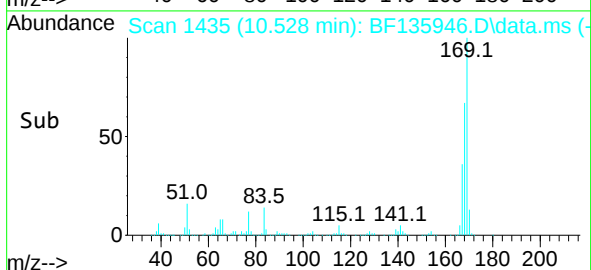
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

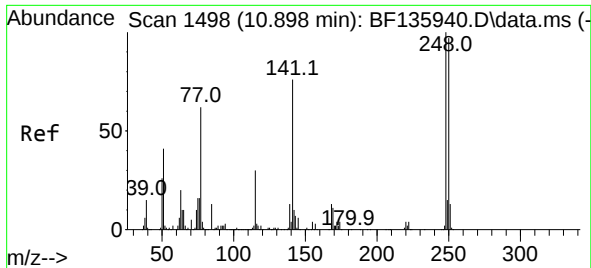


#66
n-Nitrosodiphenylamine
Concen: 46.201 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



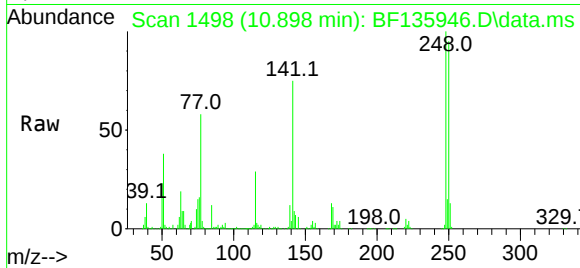
Tgt Ion:169 Resp: 904917
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 35.9 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 46.896 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

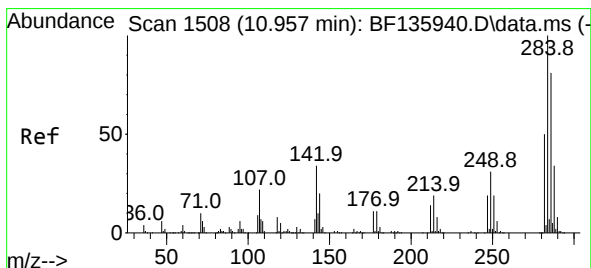
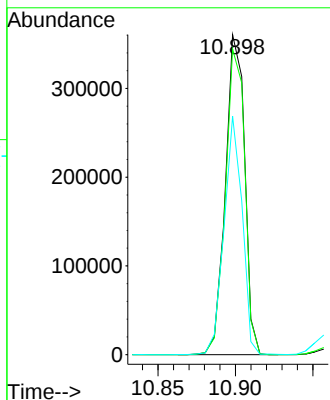
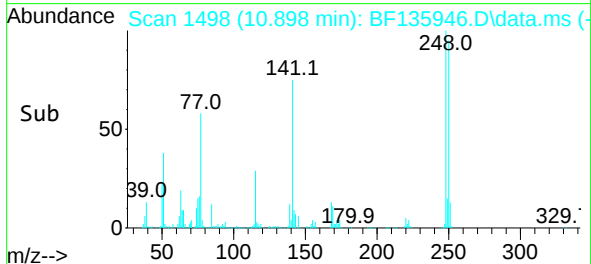
Instrument :
BNA_F
ClientSampleId :
PB156430BS



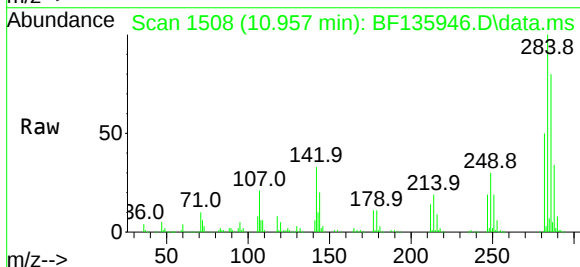
Tgt Ion:248 Resp: 311370
Ion Ratio Lower Upper
248 100
250 95.5 77.9 116.9
141 74.5 60.8 91.2

Manual Integrations
APPROVED

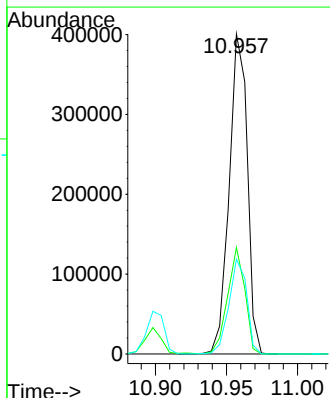
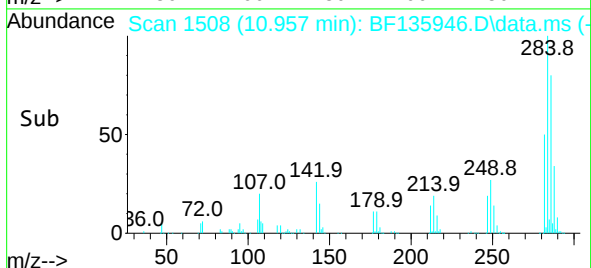
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

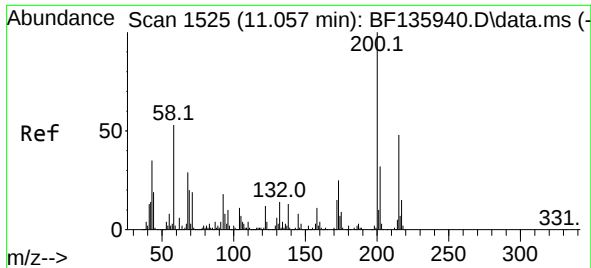


#68
Hexachlorobenzene
Concen: 50.222 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



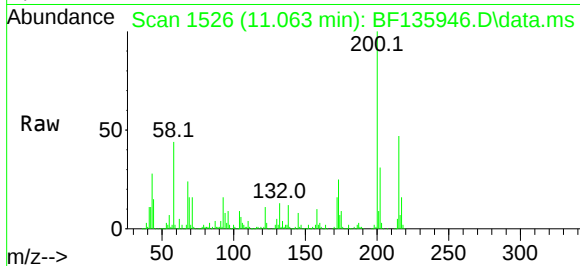
Tgt Ion:284 Resp: 356221
Ion Ratio Lower Upper
284 100
142 33.3 27.6 41.4
249 29.6 24.7 37.1





#69
 Atrazine
 Concen: 56.840 ng
 RT: 11.063 min Scan# 11063
 Delta R.T. 0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

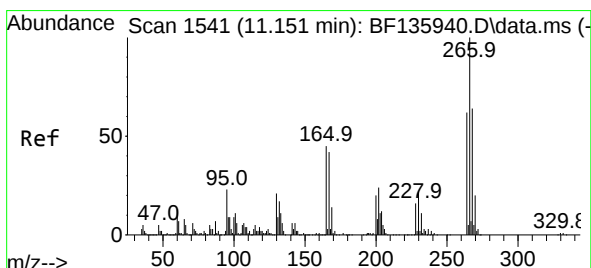
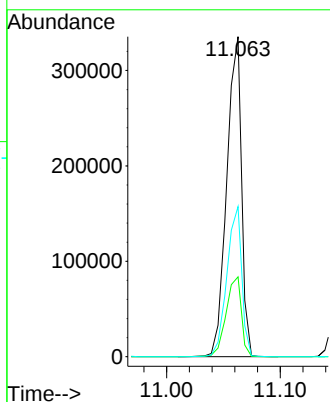
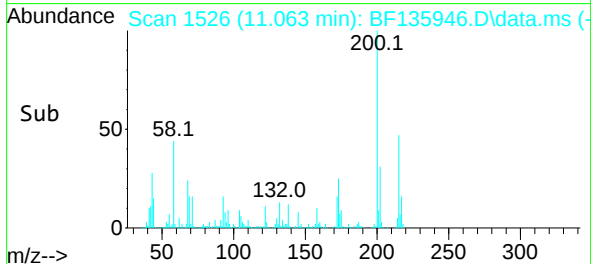
Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS



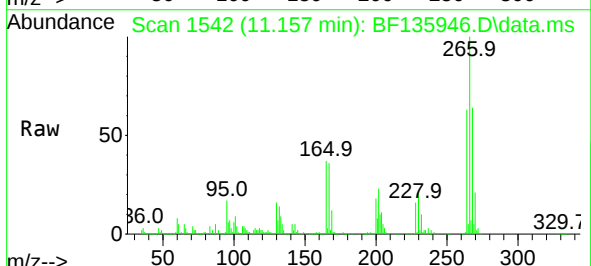
Tgt Ion:200 Resp: 303492
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.5 45.5
 215 46.9 27.5 67.5

Manual Integrations
 APPROVED

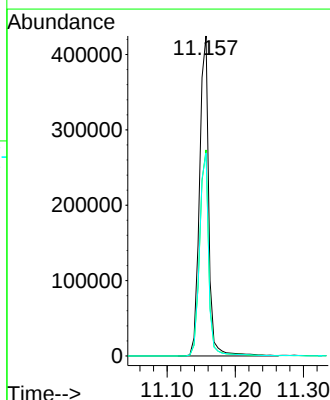
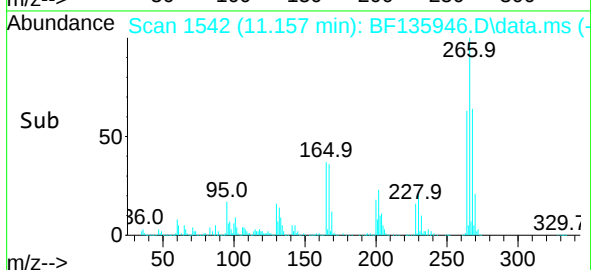
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

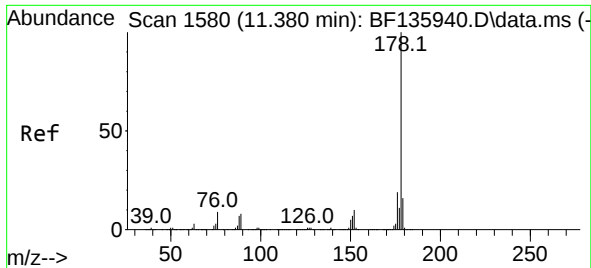


#70
 Pentachlorophenol
 Concen: 88.419 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51



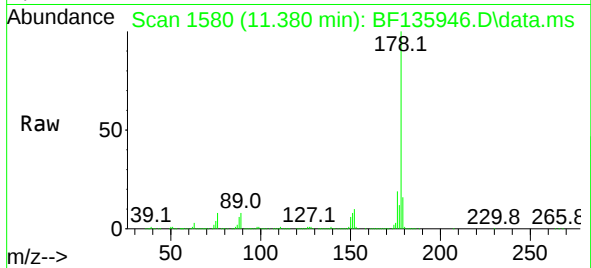
Tgt Ion:266 Resp: 399737
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.8 76.2
 264 63.4 49.8 74.6





#71
Phenanthrene
Concen: 47.496 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

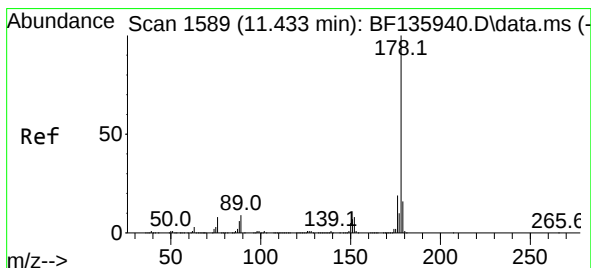
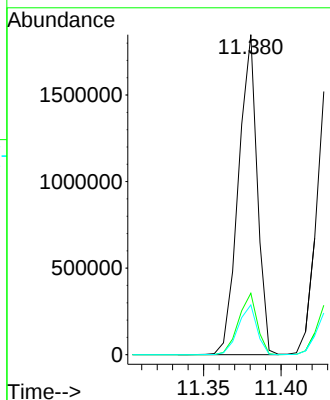
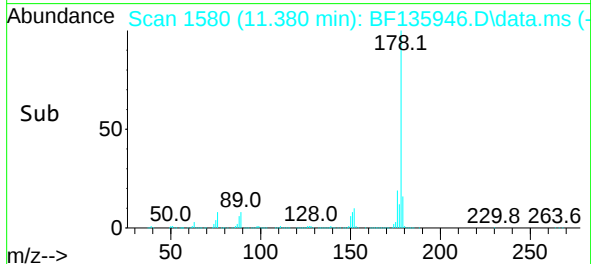
Instrument :
BNA_F
ClientSampleId :
PB156430BS



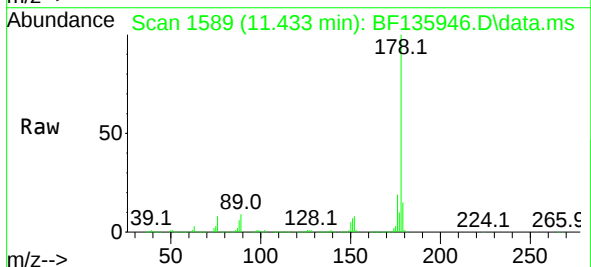
Tgt Ion:178 Resp: 1557927
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.5 18.7

Manual Integrations
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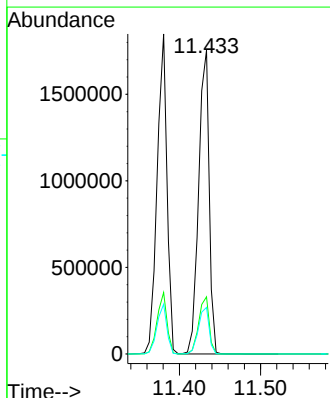
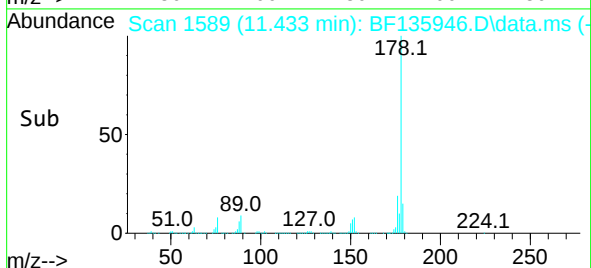
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

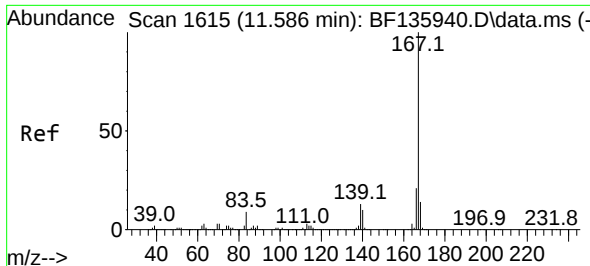


#72
Anthracene
Concen: 47.135 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



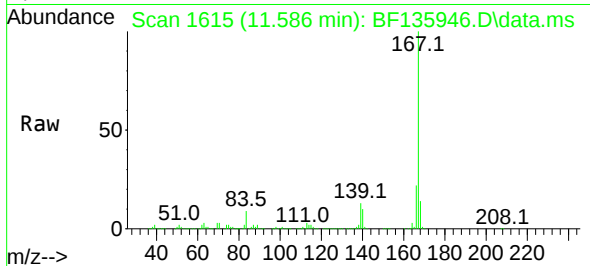
Tgt Ion:178 Resp: 1583097
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 47.530 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51

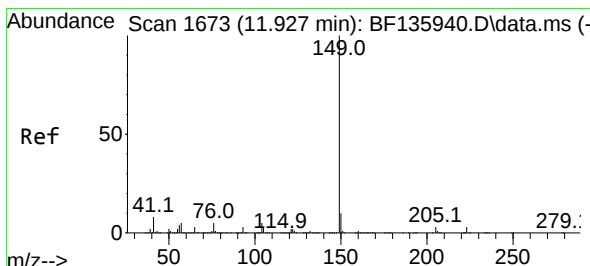
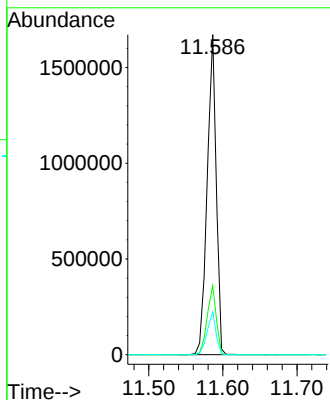
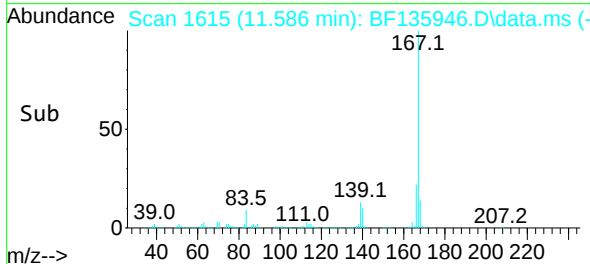
Instrument :
 BNA_F
 ClientSampleId :
 PB156430BS



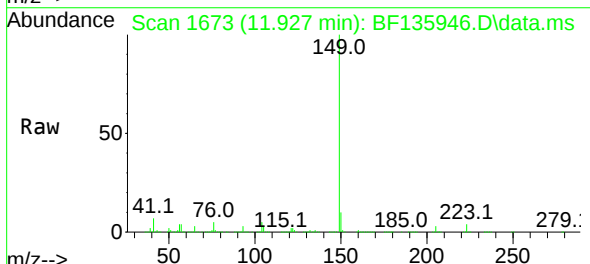
Tgt Ion:167 Resp: 142402
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.4 10.4 15.6

Manual Integrations
 APPROVED

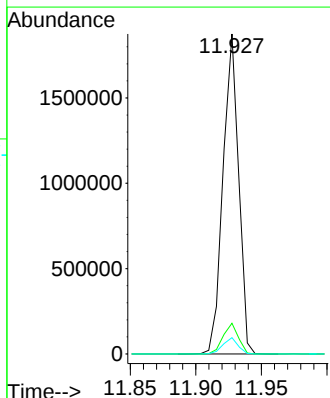
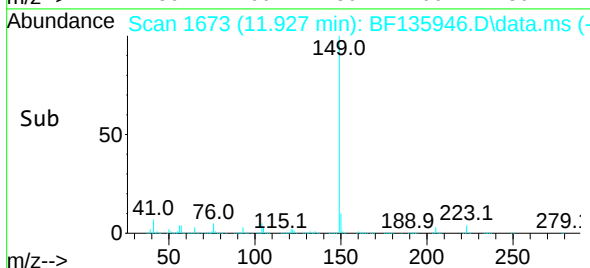
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

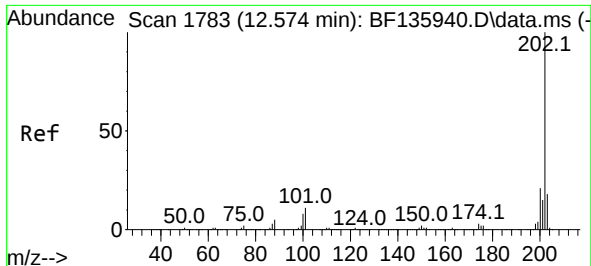


#74
 Di-n-butylphthalate
 Concen: 48.582 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135946.D
 Acq: 25 Oct 2023 17:51



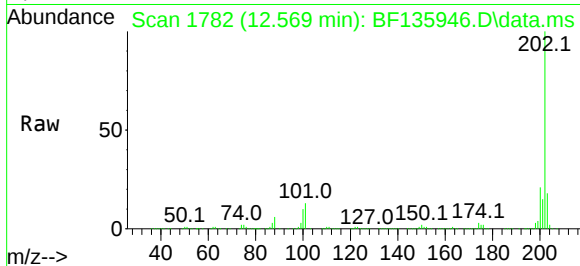
Tgt Ion:149 Resp: 1548877
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 47.373 ng
RT: 12.569 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

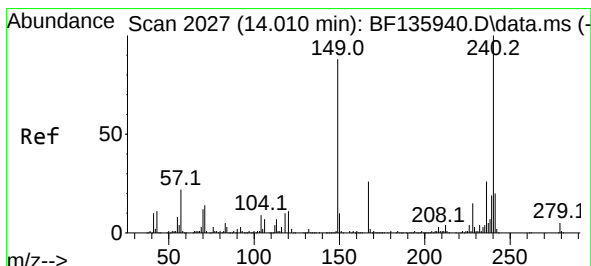
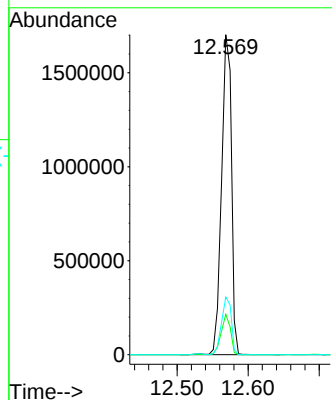
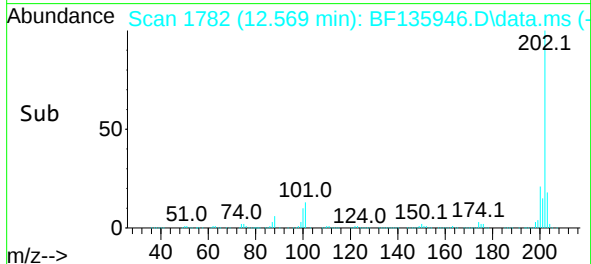
Instrument :
BNA_F
ClientSampleId :
PB156430BS



Tgt Ion:202 Resp: 1634768
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.6
203 18.1 0.0 37.5

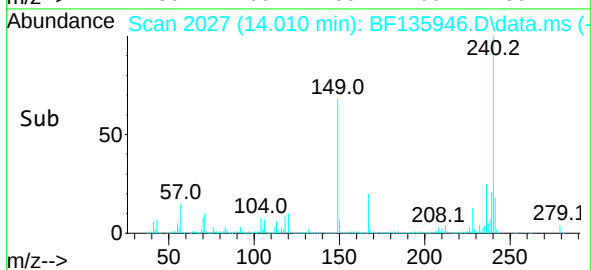
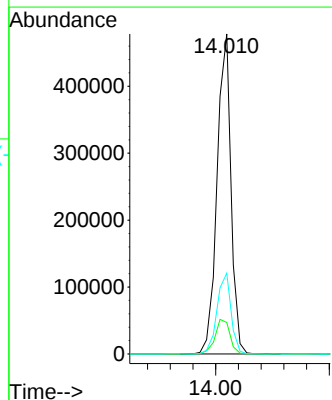
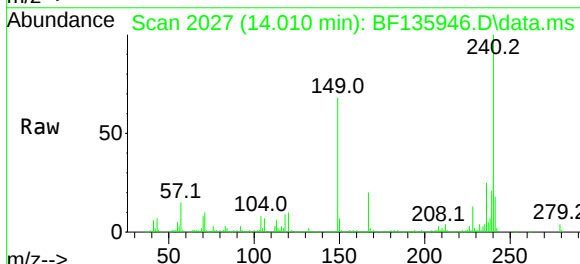
Manual Integrations
APPROVED

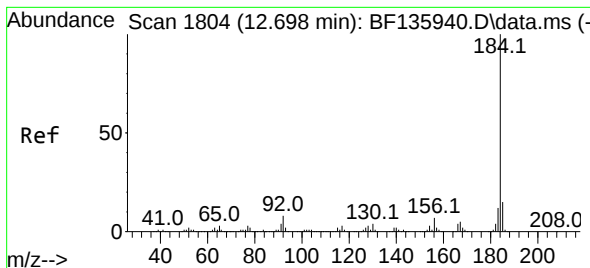
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Tgt Ion:240 Resp: 407228
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 25.2 20.6 30.8





#77

Benzidine

Concen: 41.088 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF135946.D

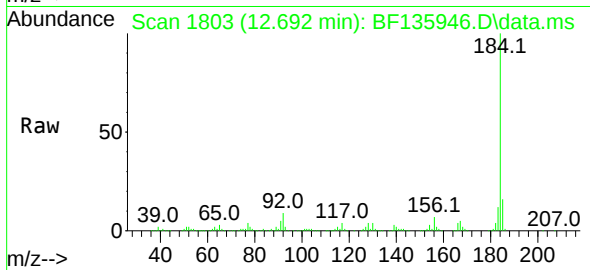
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



Tgt Ion:184 Resp: 322630

Ion Ratio Lower Upper

184 100

185 15.6 11.7 17.5

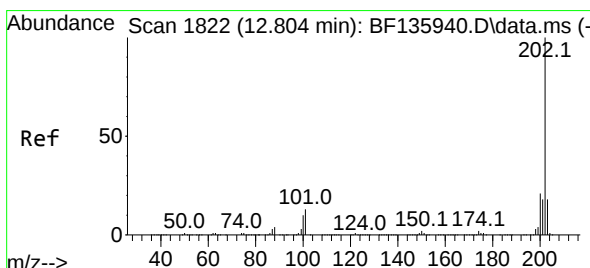
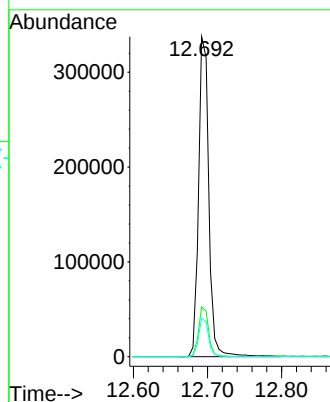
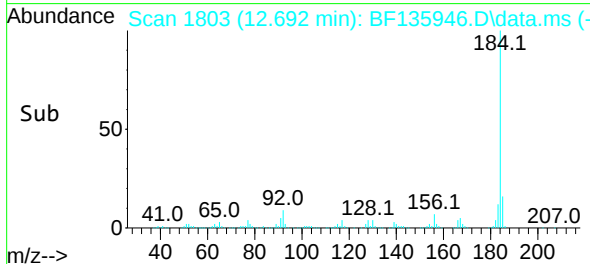
183 12.1 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#78

Pyrene

Concen: 49.696 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

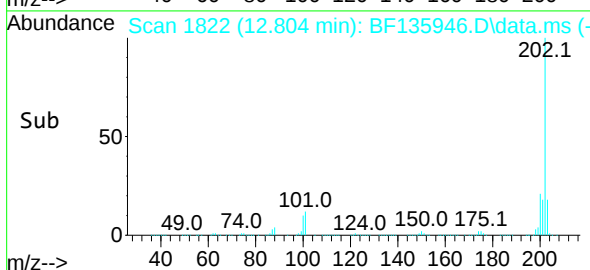
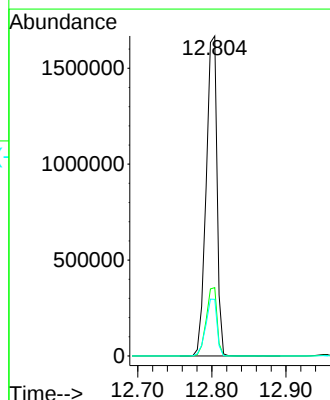
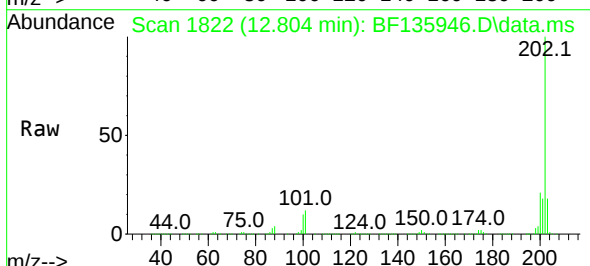
Tgt Ion:202 Resp: 1699227

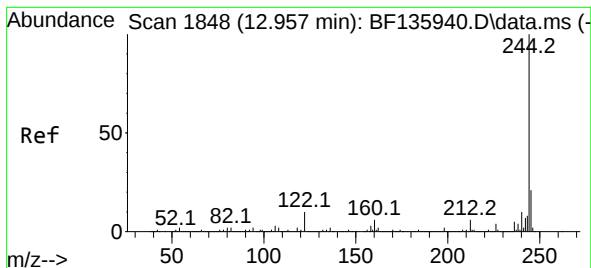
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.7 14.5 21.7





#79

Terphenyl-d14

Concen: 95.471 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135946.D

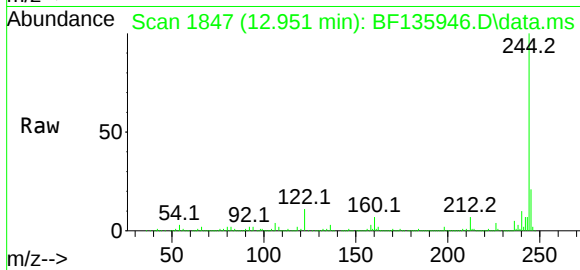
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



Tgt Ion:244 Resp: 232696

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

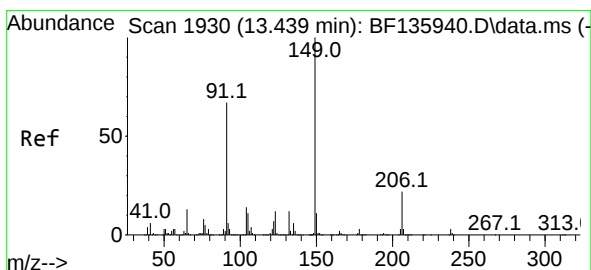
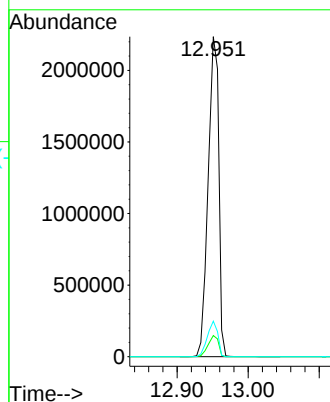
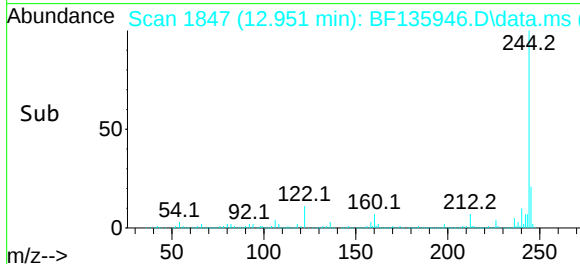
122 11.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#80

Butylbenzylphthalate

Concen: 48.351 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

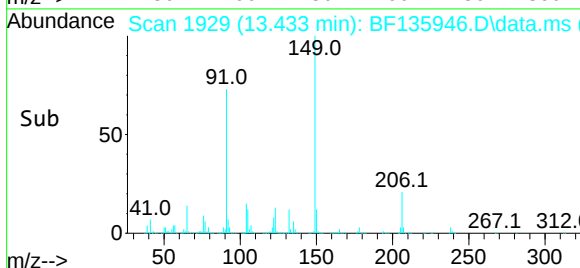
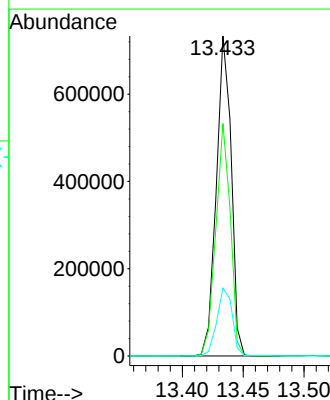
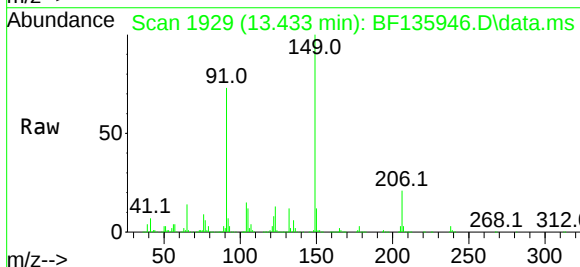
Tgt Ion:149 Resp: 625198

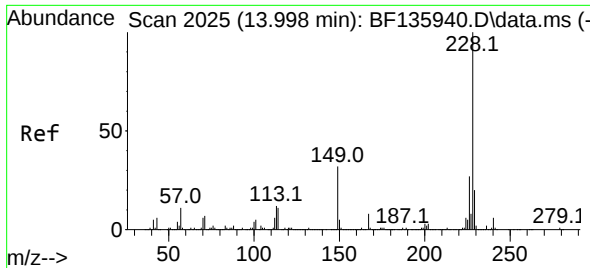
Ion Ratio Lower Upper

149 100

91 72.6 53.4 80.0

206 21.2 17.5 26.3





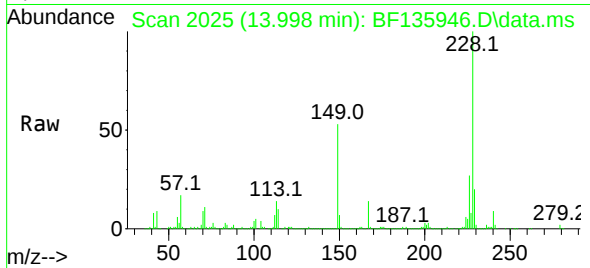
#81
Benzo(a)anthracene
Concen: 49.316 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

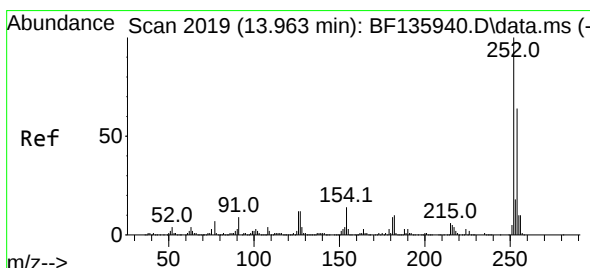
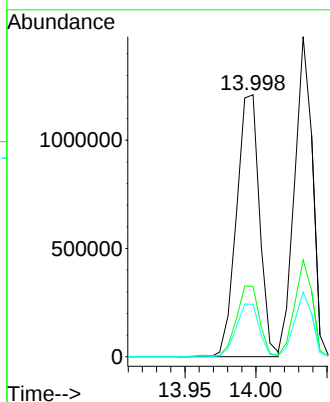
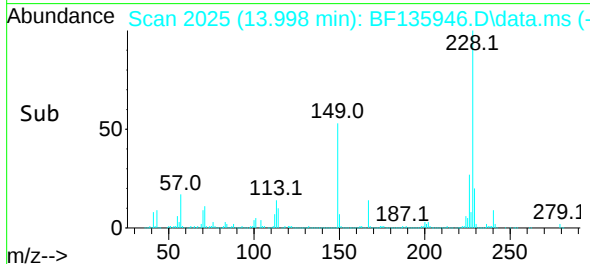


Tgt Ion:228 Resp: 1365520
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 20.0 16.2 24.4

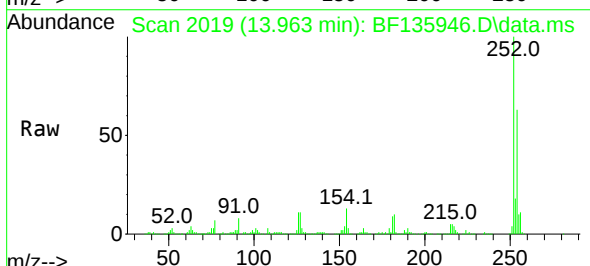
Manual Integrations

APPROVED

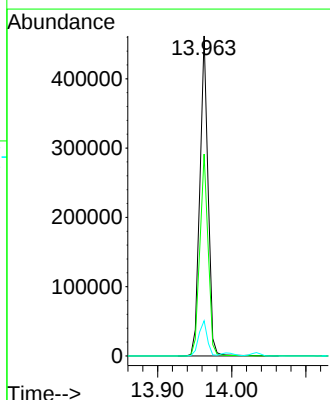
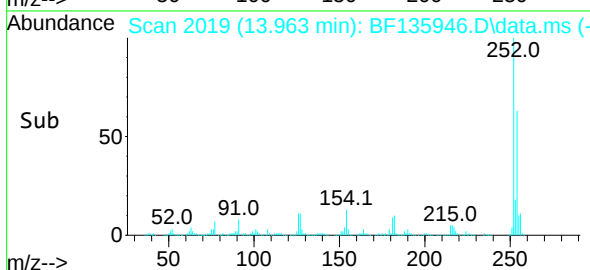
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

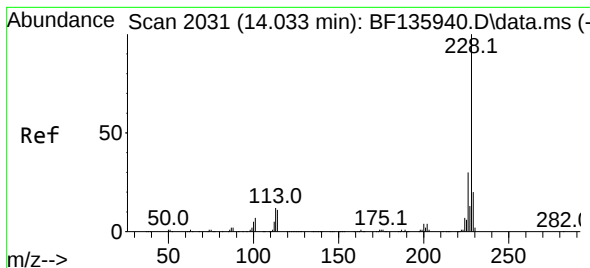


#82
3,3'-Dichlorobenzidine
Concen: 42.083 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:252 Resp: 354509
Ion Ratio Lower Upper
252 100
254 63.1 50.9 76.3
126 11.0 9.8 14.6





#83

Chrysene

Concen: 47.875 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135946.D

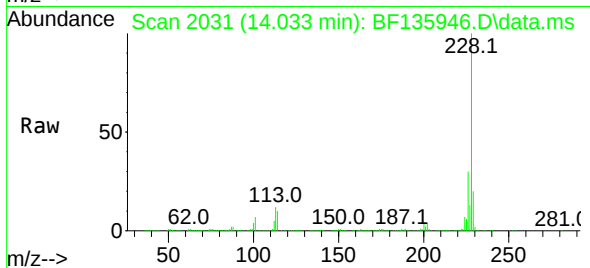
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



Tgt Ion:228 Resp: 1291088

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

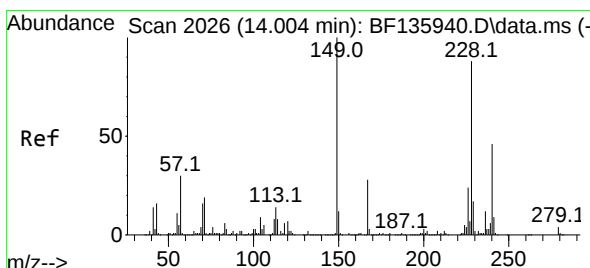
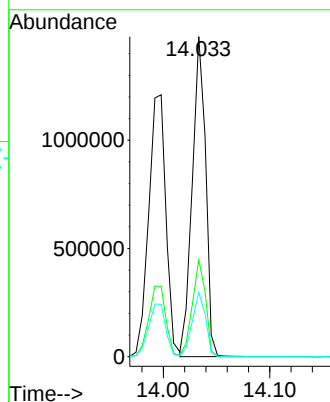
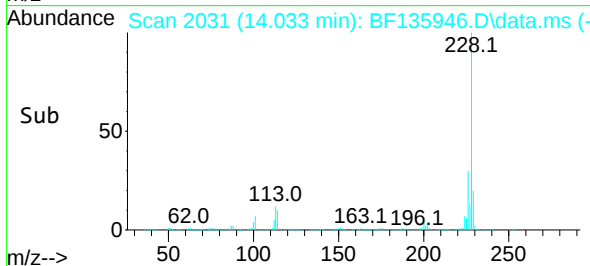
229 20.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.998 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135946.D

Acq: 25 Oct 2023 17:51

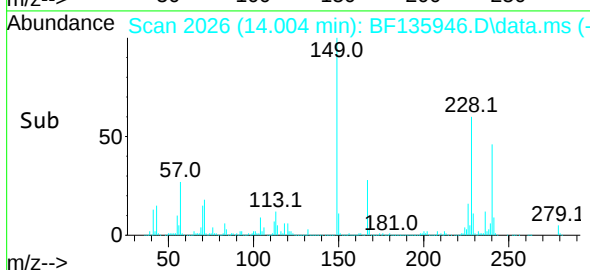
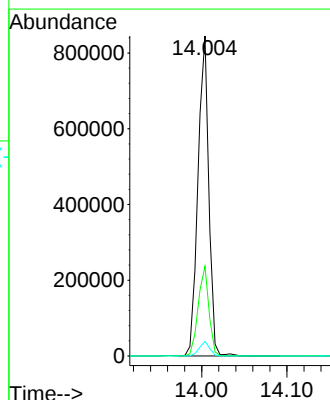
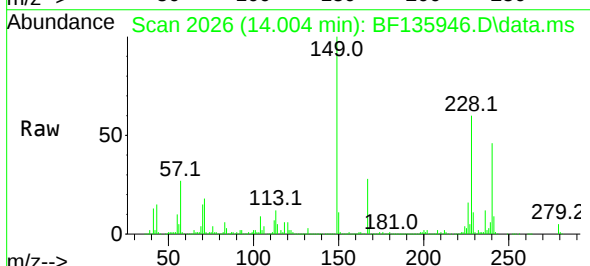
Tgt Ion:149 Resp: 745173

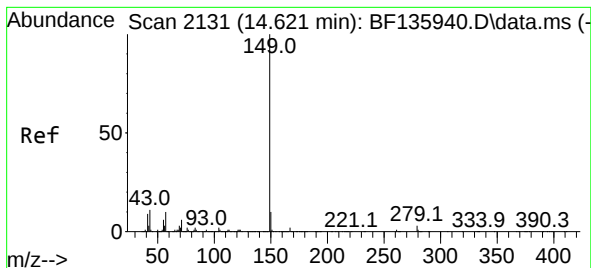
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.6 3.1 4.7





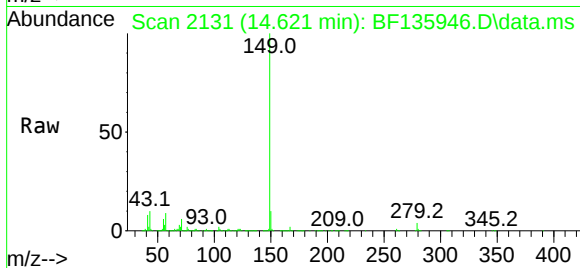
#85
Di-n-octyl phthalate
Concen: 53.842 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS



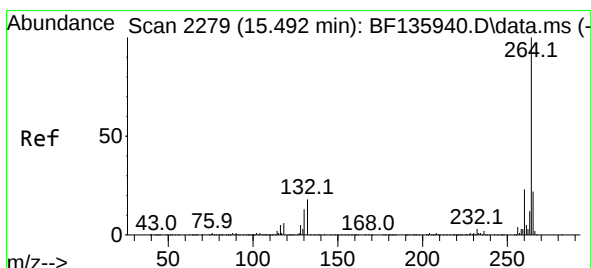
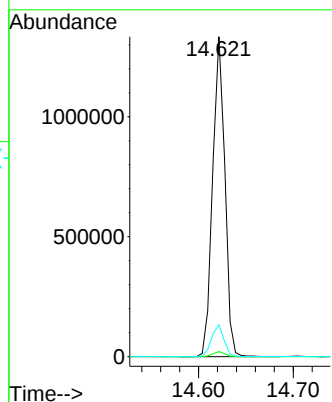
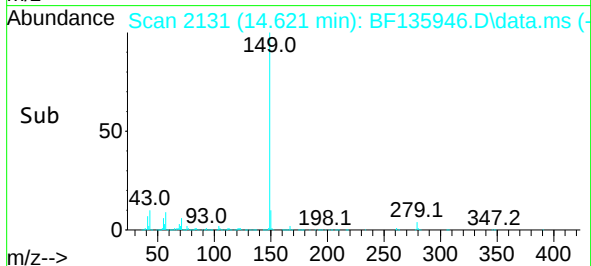
Tgt Ion:149 Resp: 1192554
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.6 12.8

Manual Integrations

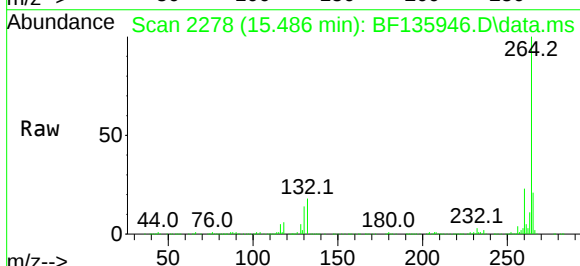
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

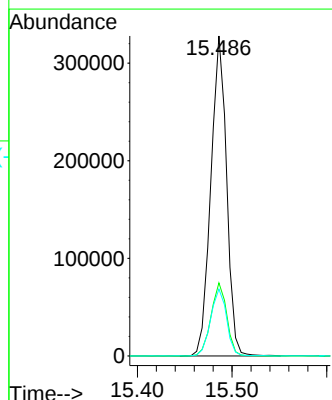
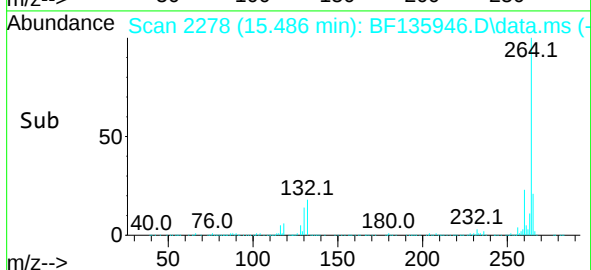
Supervised By :mohammad ahmed 10/26/2023

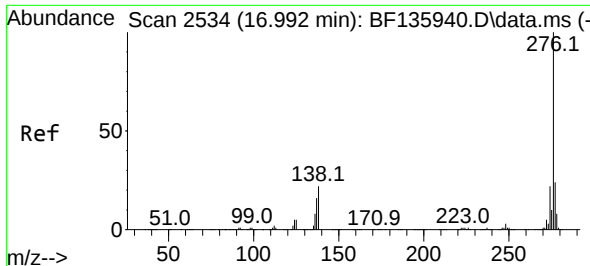


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



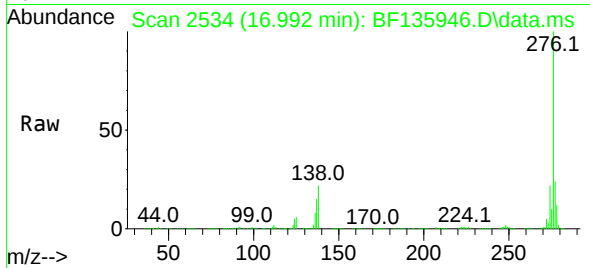
Tgt Ion:264 Resp: 378847
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 20.9 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.711 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

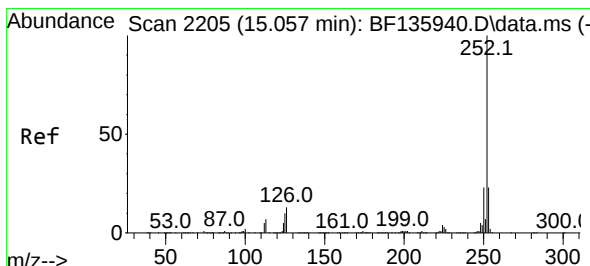
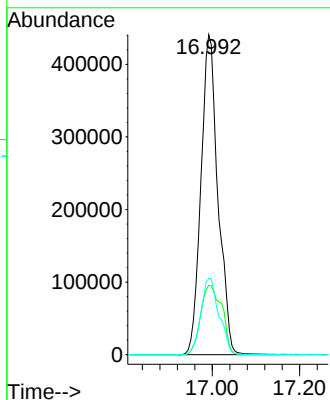
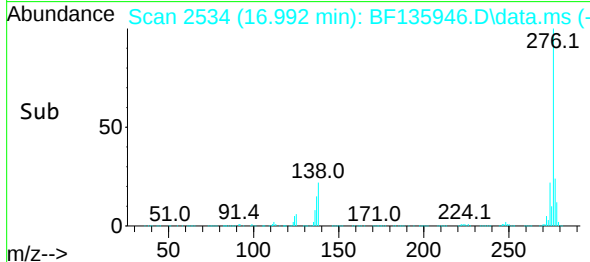
Instrument :
BNA_F
ClientSampleId :
PB156430BS



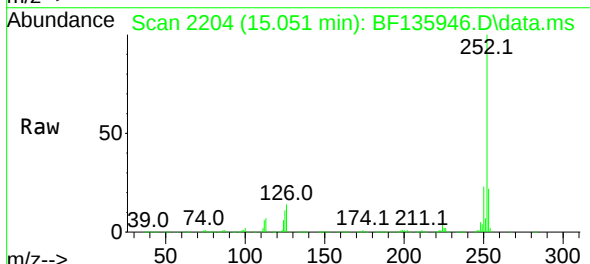
Tgt Ion: 276 Resp: 1196789
Ion Ratio Lower Upper
276 100
138 27.1 21.8 32.6
277 25.6 20.0 30.0

Manual Integrations
APPROVED

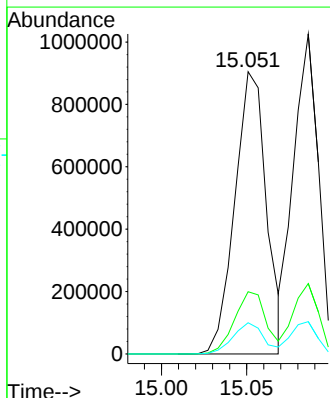
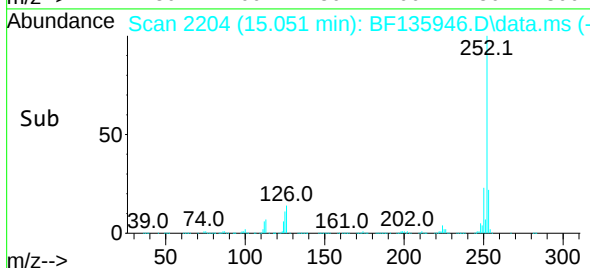
Reviewed By : Yogesh Patel 10/26/2023
Supervised By : mohammad ahmed 10/26/2023

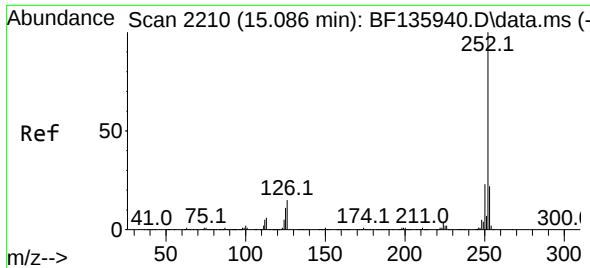


#88
Benzo(b)fluoranthene
Concen: 51.809 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion: 252 Resp: 1168101
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.0 8.2 12.4





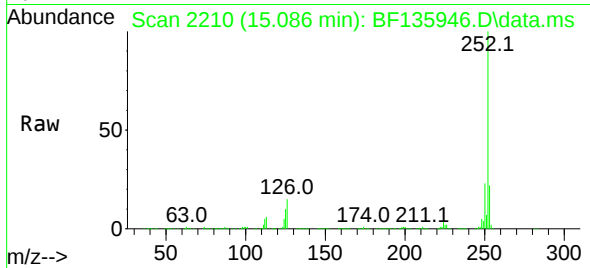
#89
Benzo(k)fluoranthene
Concen: 47.338 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

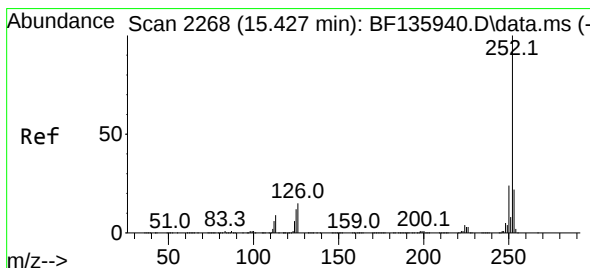
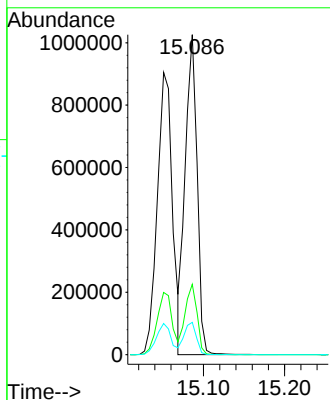
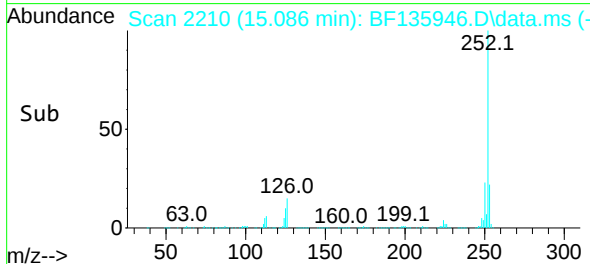


Tgt Ion:252 Resp: 104820
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.1 8.5 12.7

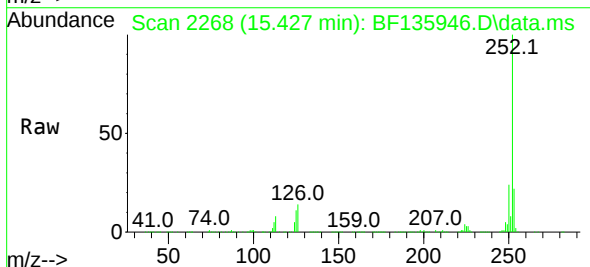
Manual Integrations

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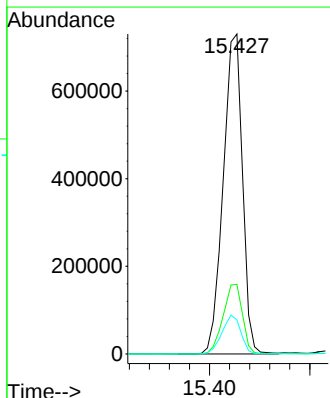
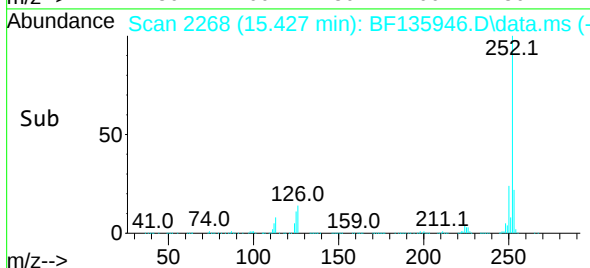
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

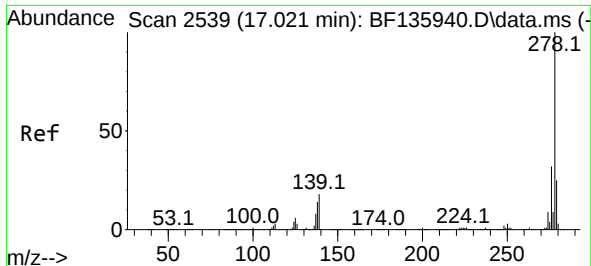


#90
Benzo(a)pyrene
Concen: 46.776 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:252 Resp: 971975
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.7 9.6 14.4





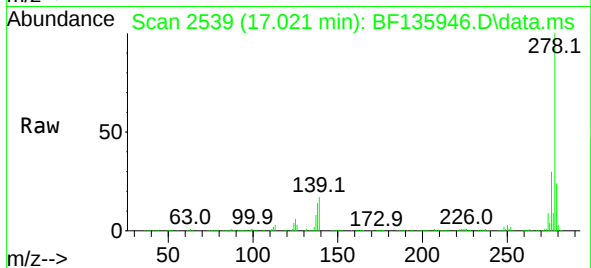
#91
Dibenzo(a,h)anthracene
Concen: 54.219 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51

Instrument :

BNA_F

ClientSampleId :

PB156430BS

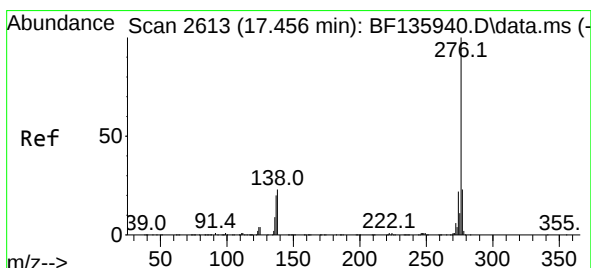
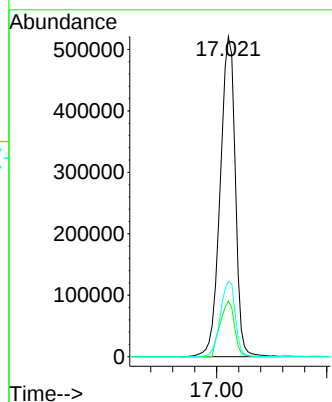
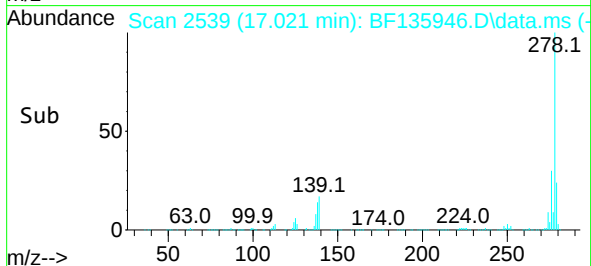


Tgt Ion:278 Resp: 996264
Ion Ratio Lower Upper
278 100
139 17.4 14.0 21.0
279 23.5 19.7 29.5

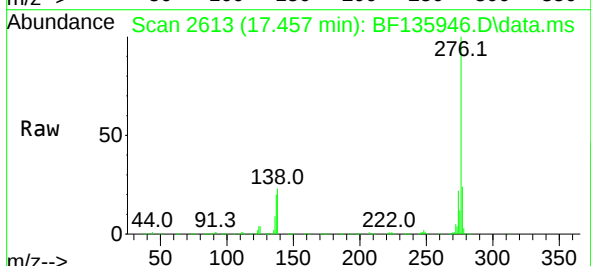
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#92
Benzo(g,h,i)perylene
Concen: 46.506 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF135946.D
Acq: 25 Oct 2023 17:51



Tgt Ion:276 Resp: 968939
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 22.5 18.4 27.6

