

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135513.D
 Acq On : 29 Sep 2023 13:29
 Operator : CG\JU
 Sample : PB155781BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Sep 30 00:19:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	167209	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	639870	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	318053	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	588814	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	285869	20.000	ng	0.00
86) Perylene-d12	15.392	264	295742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1243776	120.982	ng	0.01
7) Phenol-d6	6.404	99	1537696	117.629	ng	0.00
23) Nitrobenzene-d5	7.316	82	1007813	85.570	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	350282	110.825	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1639631	77.778	ng	0.00
79) Terphenyl-d14	12.874	244	1578517	85.599	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	162671	36.094	ng	92
3) Pyridine	3.281	79	431705	35.591	ng	96
4) n-Nitrosodimethylamine	3.234	42	280143	43.523	ng	95
6) Aniline	6.416	93	528807	30.848	ng	# 30
8) 2-Chlorophenol	6.540	128	483346	44.042	ng	96
9) Benzaldehyde	6.304	77	120594	16.193	ng	98
10) Phenol	6.416	94	554439	38.679	ng	81
11) bis(2-Chloroethyl)ether	6.492	93	479859	44.628	ng	98
12) 1,3-Dichlorobenzene	6.687	146	471050	42.234	ng	97
13) 1,4-Dichlorobenzene	6.763	146	476432	41.986	ng	98
14) 1,2-Dichlorobenzene	6.916	146	448587	42.569	ng	97
15) Benzyl Alcohol	6.898	79	401367	42.787	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	849862	41.933	ng	72
17) 2-Methylphenol	7.016	107	380737	39.313	ng	95
18) Hexachloroethane	7.251	117	176306	42.050	ng	93
19) n-Nitroso-di-n-propyla...	7.169	70	307866	38.022	ng	98
20) 3+4-Methylphenols	7.169	107	452386	38.846	ng	# 81
22) Acetophenone	7.163	105	604317	41.309	ng	98
24) Nitrobenzene	7.334	77	497780	42.761	ng	99
25) Isophorone	7.575	82	944378	43.667	ng	99
26) 2-Nitrophenol	7.651	139	253857	45.437	ng	92
27) 2,4-Dimethylphenol	7.692	122	379248	40.384	ng	95
28) bis(2-Chloroethoxy)met...	7.781	93	583849	45.105	ng	100
29) 2,4-Dichlorophenol	7.892	162	378927	43.545	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	394434	43.366	ng	97
31) Naphthalene	8.045	128	1310445	42.151	ng	99
32) Benzoic acid	7.839	122	308883	43.679	ng	99
33) 4-Chloroaniline	8.104	127	440270	32.277	ng	98
34) Hexachlorobutadiene	8.157	225	215965	39.378	ng	99
35) Caprolactam	8.486	113	133970m	45.872	ng	
36) 4-Chloro-3-methylphenol	8.598	107	420826	43.512	ng	97
37) 2-Methylnaphthalene	8.739	142	825985	39.524	ng	98
38) 1-Methylnaphthalene	8.839	142	790631	40.409	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	385972	41.888	ng	99
41) Hexachlorocyclopentadiene	8.886	237	203360	52.849	ng	99
43) 2,4,6-Trichlorophenol	9.028	196	256622	42.537	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135513.D
 Acq On : 29 Sep 2023 13:29
 Operator : CG\JU
 Sample : PB155781BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Sep 30 00:19:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

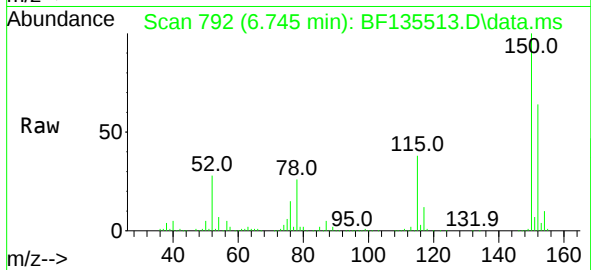
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	277820	39.988	ng	97
46) 1,1'-Biphenyl	9.204	154	1023159	41.861	ng	98
47) 2-Chloronaphthalene	9.233	162	774175	43.655	ng	99
48) 2-Nitroaniline	9.339	65	317320	46.058	ng	99
49) Acenaphthylene	9.645	152	1241820	42.135	ng	99
50) Dimethylphthalate	9.516	163	926062	43.065	ng	100
51) 2,6-Dinitrotoluene	9.581	165	206640	43.866	ng	95
52) Acenaphthene	9.816	154	730907	41.980	ng	97
53) 3-Nitroaniline	9.751	138	201210	36.388	ng	99
54) 2,4-Dinitrophenol	9.869	184	208895	78.261	ng	91
55) Dibenzofuran	9.992	168	1033604	38.903	ng	98
56) 4-Nitrophenol	9.939	139	271049	77.126	ng	93
57) 2,4-Dinitrotoluene	9.992	165	235395	39.915	ng	# 85
58) Fluorene	10.339	166	842616	41.254	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	228614	42.776	ng	99
60) Diethylphthalate	10.216	149	928026	43.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	390845	39.835	ng	94
62) 4-Nitroaniline	10.375	138	227509	42.803	ng	97
63) Azobenzene	10.486	77	955041	45.218	ng	96
65) 4,6-Dinitro-2-methylph...	10.404	198	140940	45.067	ng	98
66) n-Nitrosodiphenylamine	10.451	169	792190	44.440	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	250700	42.809	ng	95
68) Hexachlorobenzene	10.886	284	270796	45.389	ng	95
69) Atrazine	10.986	200	243286	50.721	ng	97
70) Pentachlorophenol	11.086	266	235539	65.986	ng	98
71) Phenanthrene	11.304	178	1232463	44.256	ng	99
72) Anthracene	11.357	178	1264213	44.164	ng	99
73) Carbazole	11.516	167	1205244	46.252	ng	99
74) Di-n-butylphthalate	11.845	149	1417395	46.161	ng	100
75) Fluoranthene	12.498	202	1282237	44.188	ng	99
77) Benzidine	12.622	184	471181	80.454	ng	99
78) Pyrene	12.727	202	1296736	47.645	ng	100
80) Butylbenzylphthalate	13.351	149	502651	52.454	ng	98
81) Benzo(a)anthracene	13.921	228	856868	46.419	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	253336	43.937	ng	99
83) Chrysene	13.957	228	830840	45.270	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	595800	60.589	ng	100
85) Di-n-octyl phthalate	14.527	149	874479	55.959	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	909296	46.893	ng	95
88) Benzo(b)fluoranthene	14.968	252	713671	44.578	ng	# 98
89) Benzo(k)fluoranthene	14.998	252	707531	44.739	ng	# 98
90) Benzo(a)pyrene	15.333	252	668629	43.795	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	742845	46.820	ng	97
92) Benzo(g,h,i)perylene	17.321	276	776941	46.889	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

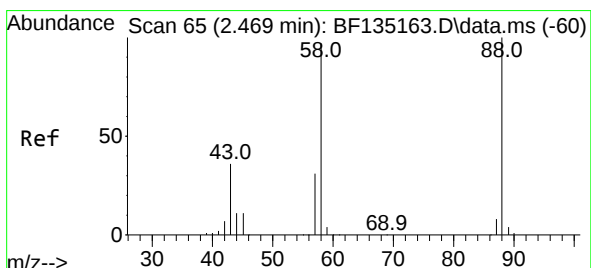
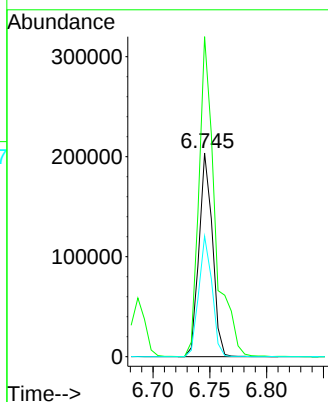
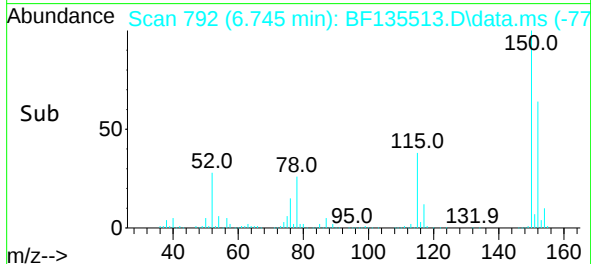
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:152 Resp: 167209
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 59.1 49.8 74.8

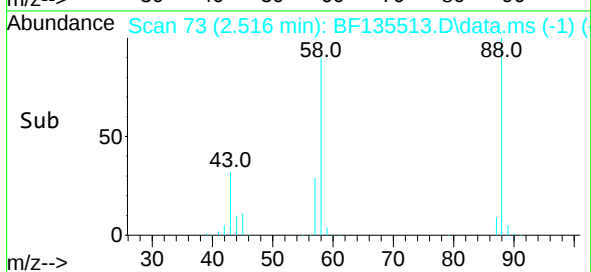
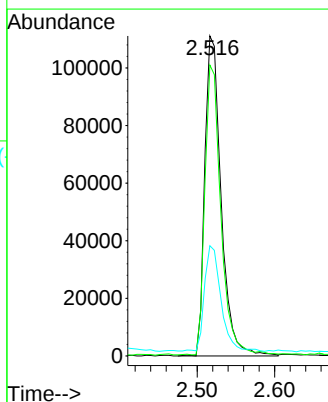
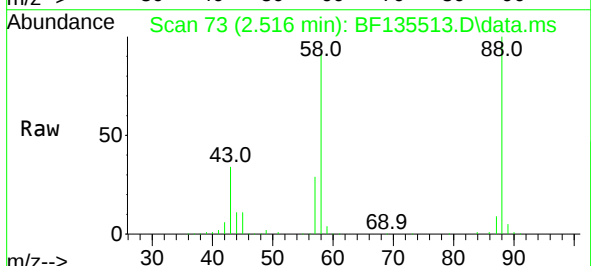
Manual Integrations
APPROVED

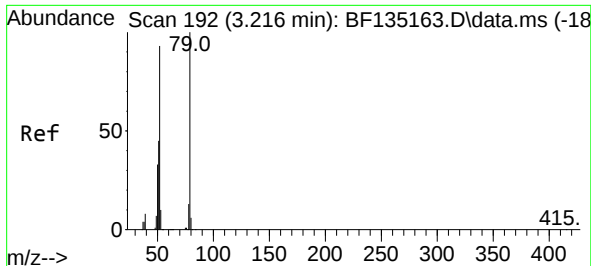
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#2
1,4-Dioxane
Concen: 36.094 ng
RT: 2.516 min Scan# 73
Delta R.T. 0.071 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

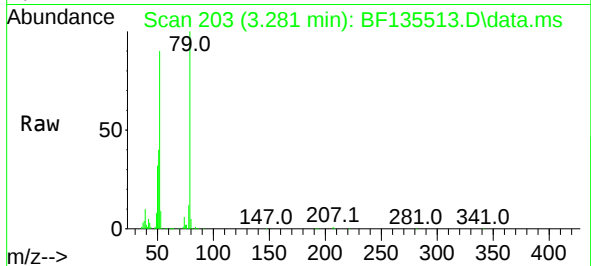
Tgt Ion: 88 Resp: 162671
Ion Ratio Lower Upper
88 100
58 89.1 78.3 117.5
43 33.3 29.4 44.0





#3
Pyridine
Concen: 35.591 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

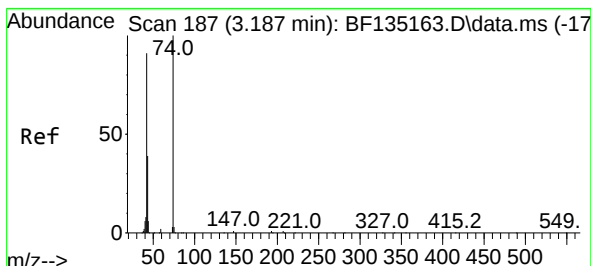
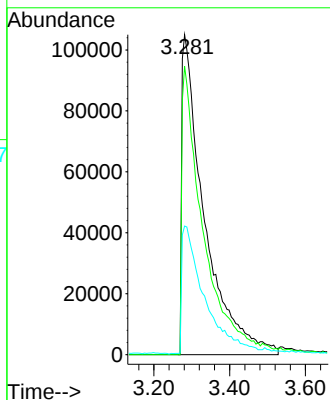
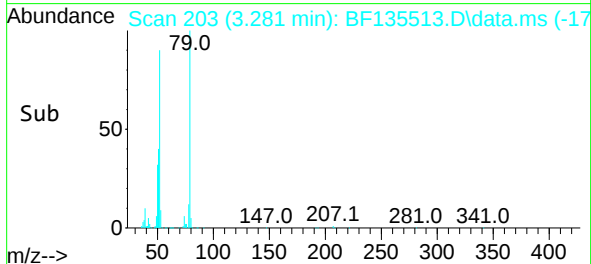
Instrument :
BNA_F
ClientSampleId :
PB155781BS



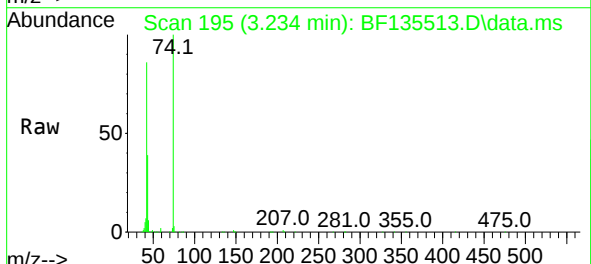
Tgt Ion: 79 Resp: 43170
Ion Ratio Lower Upper
79 100
52 90.2 74.1 111.1
51 40.2 35.8 53.8

Manual Integrations
APPROVED

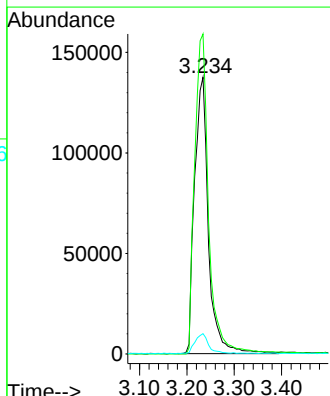
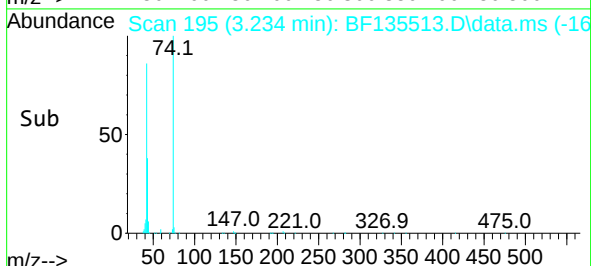
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

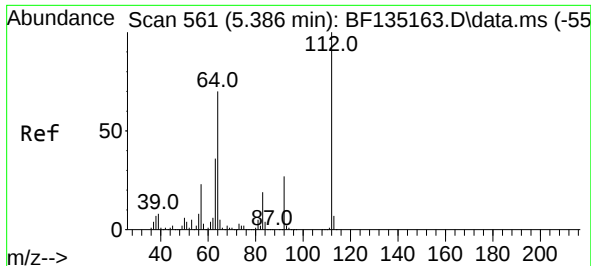


#4
n-Nitrosodimethylamine
Concen: 43.523 ng
RT: 3.234 min Scan# 195
Delta R.T. 0.065 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



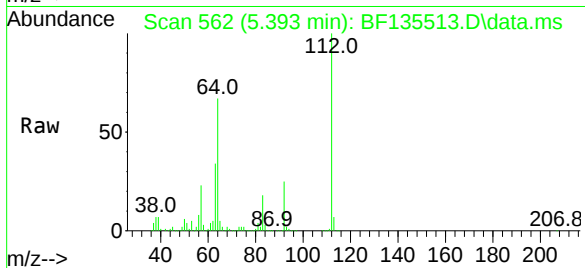
Tgt Ion: 42 Resp: 280143
Ion Ratio Lower Upper
42 100
74 115.7 87.7 131.5
44 7.3 5.6 8.4





#5
2-Fluorophenol
Concen: 120.982 ng
RT: 5.393 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

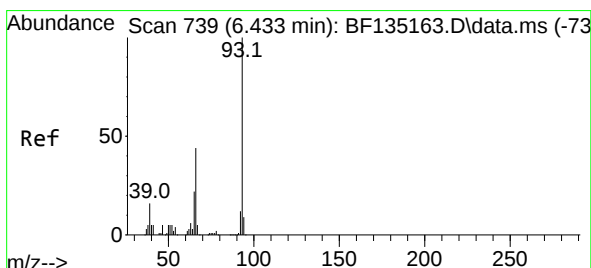
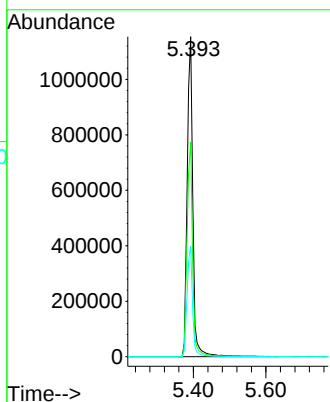
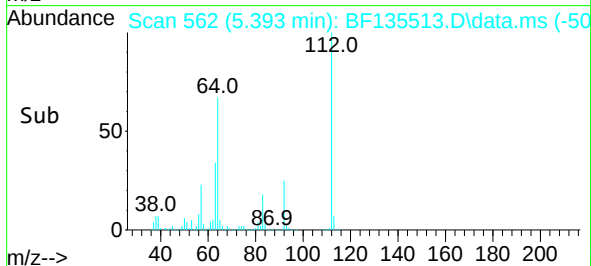
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:112 Resp: 1243770
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 34.4 29.0 43.6

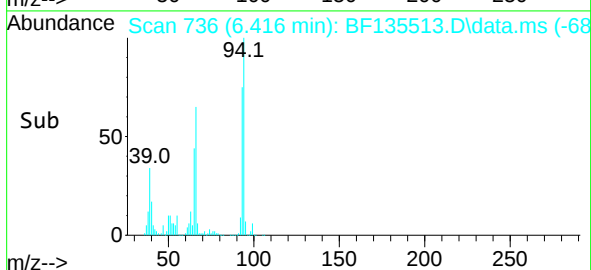
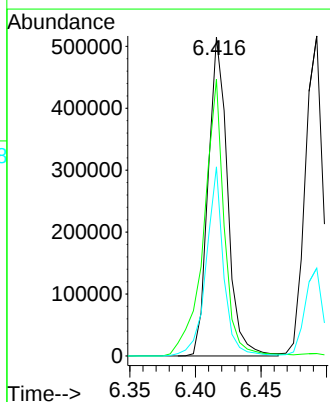
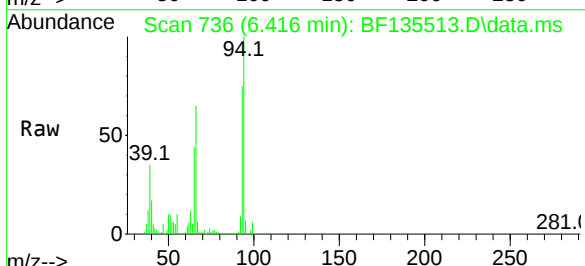
Manual Integrations
APPROVED

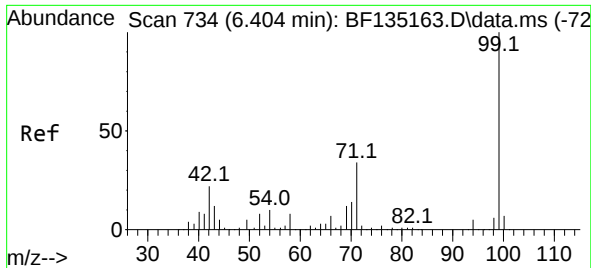
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#6
Aniline
Concen: 30.848 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion: 93 Resp: 528807
Ion Ratio Lower Upper
93 100
66 86.7 35.4 53.0#
65 59.3 17.8 26.8#





#7

Phenol-d6

Concen: 117.629 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion: 99 Resp: 1537690

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

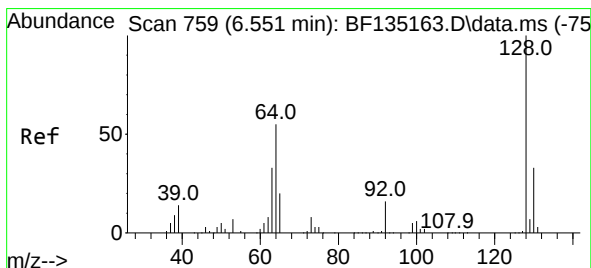
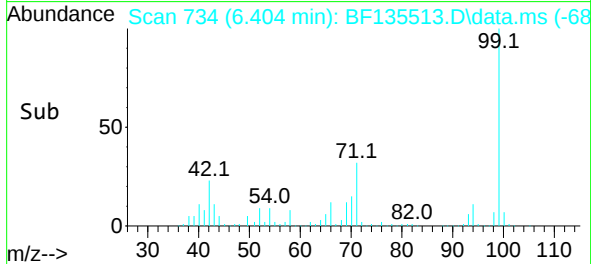
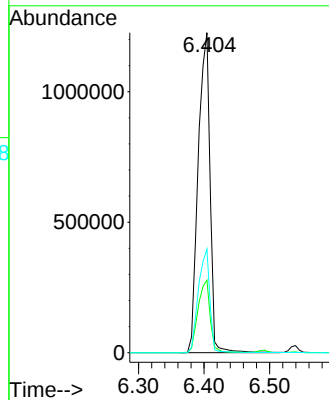
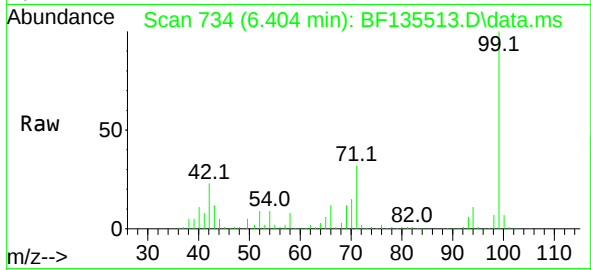
71 32.4 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#8

2-Chlorophenol

Concen: 44.042 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

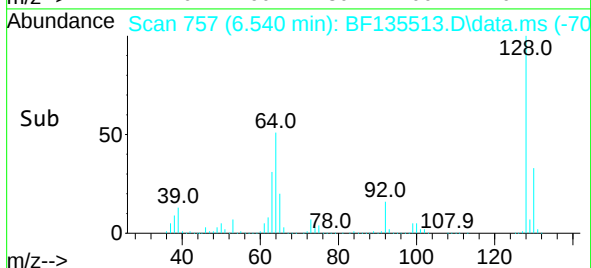
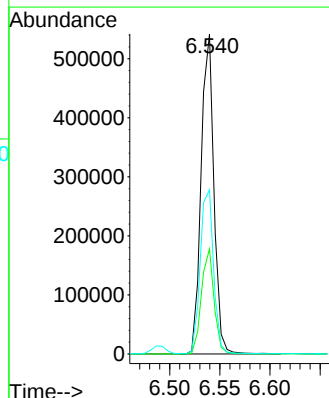
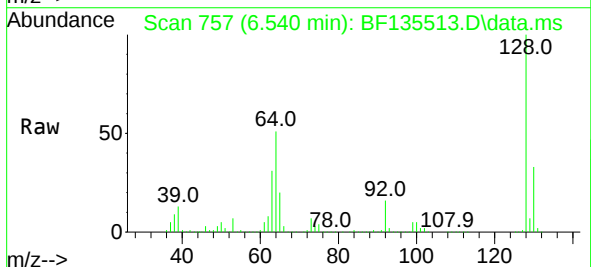
Tgt Ion:128 Resp: 483346

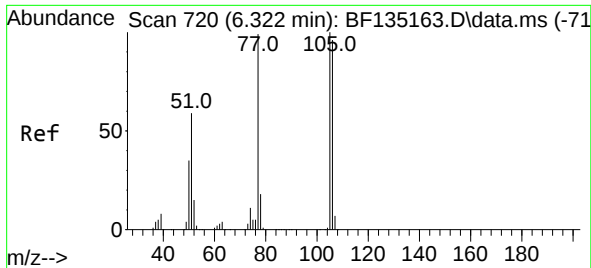
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 51.3 35.9 75.9





#9

Benzaldehyde

Concen: 16.193 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

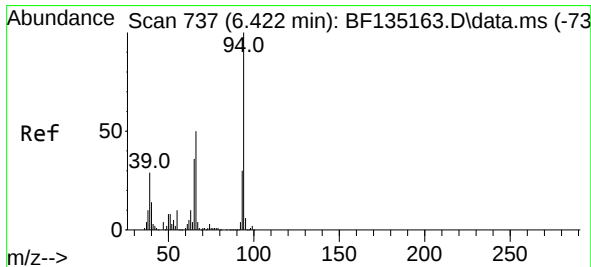
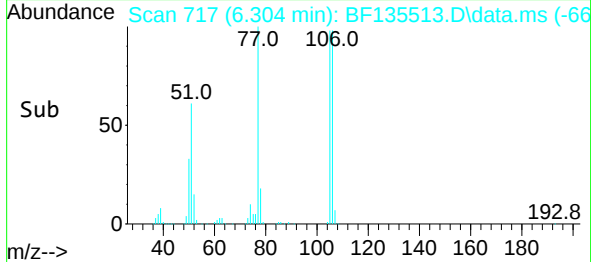
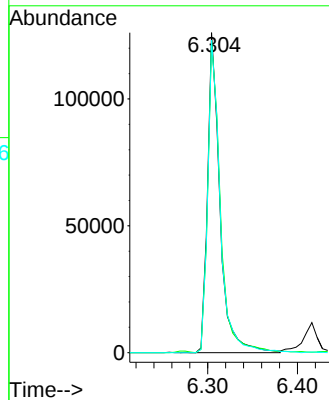
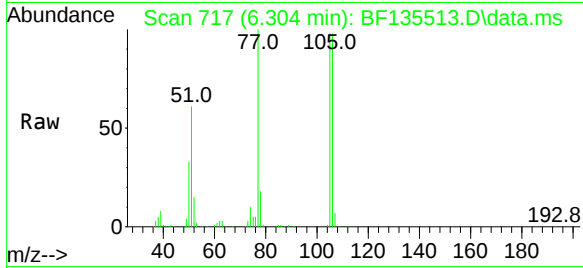
Tgt Ion: 77	Resp: 120594
Ion Ratio	Lower Upper
77 100	
105 97.5	81.4 121.4
106 97.6	76.9 116.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#10

Phenol

Concen: 38.679 ng

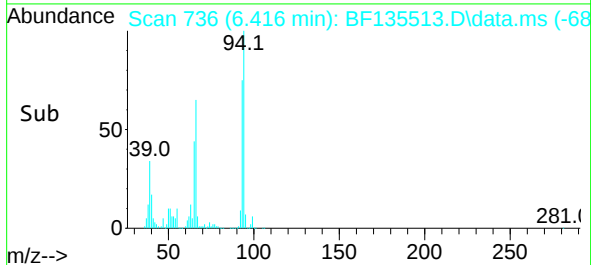
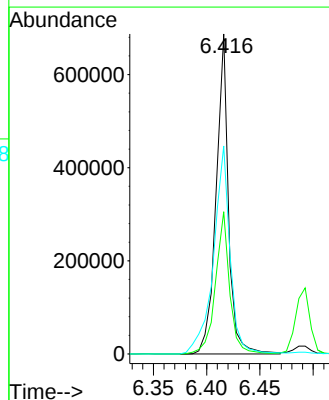
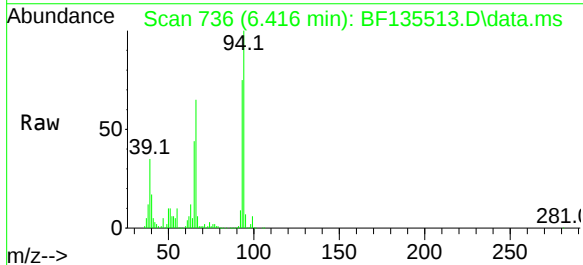
RT: 6.416 min Scan# 736

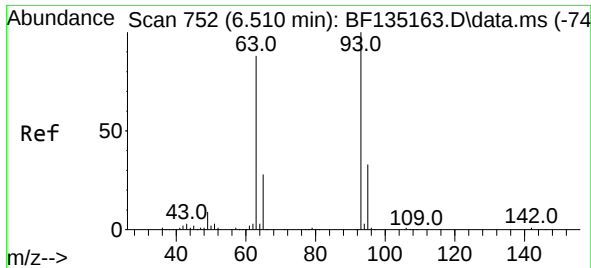
Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Tgt Ion: 94	Resp: 554439
Ion Ratio	Lower Upper
94 100	
65 44.4	15.9 55.9
66 65.0	29.8 69.8





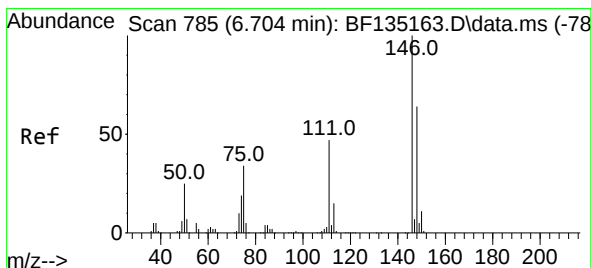
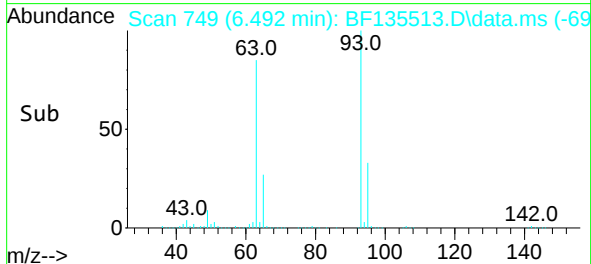
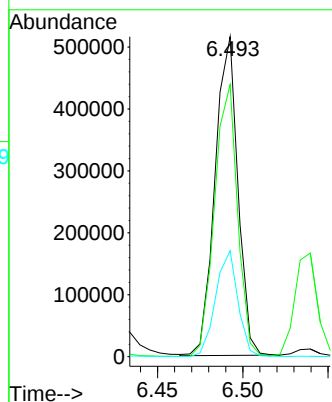
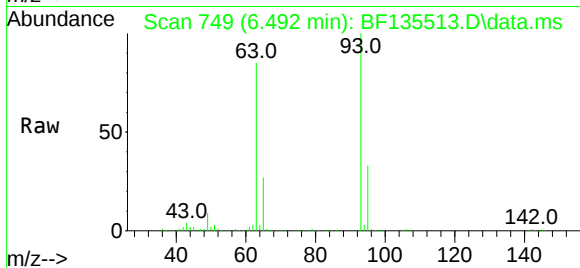
#11
bis(2-Chloroethyl)ether
Concen: 44.628 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
PB155781BS

Tgt Ion: 93 Resp: 479859
Ion Ratio Lower Upper
93 100
63 85.1 67.3 107.3
95 33.1 12.7 52.7

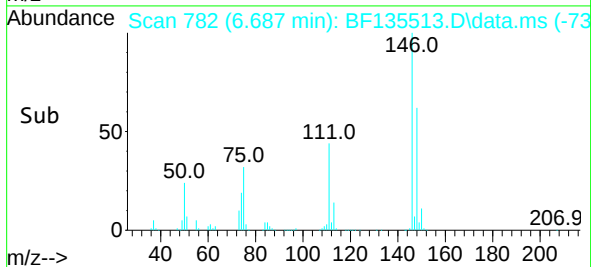
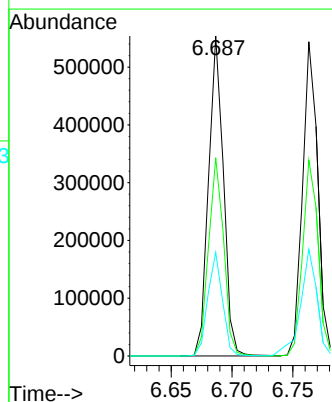
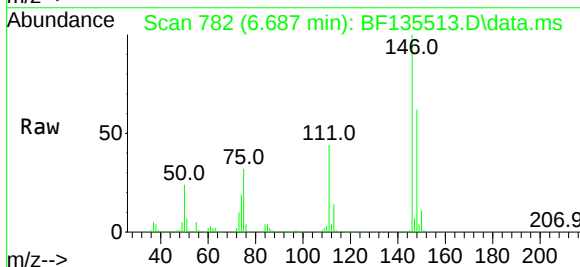
Manual Integrations
APPROVED

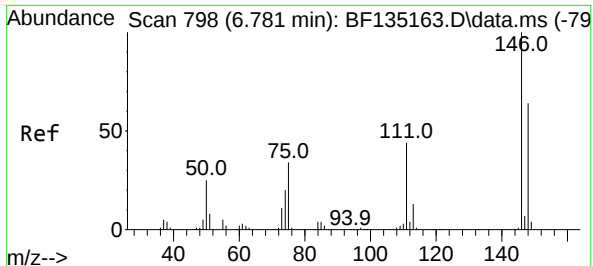
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#12
1,3-Dichlorobenzene
Concen: 42.234 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:146 Resp: 471050
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
75 32.4 27.4 41.2





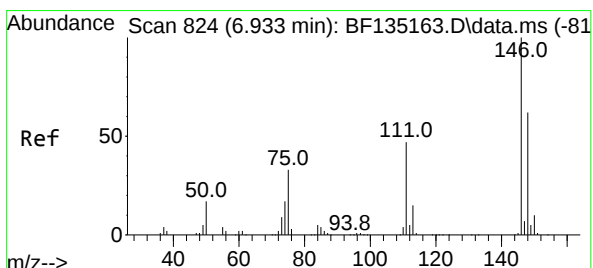
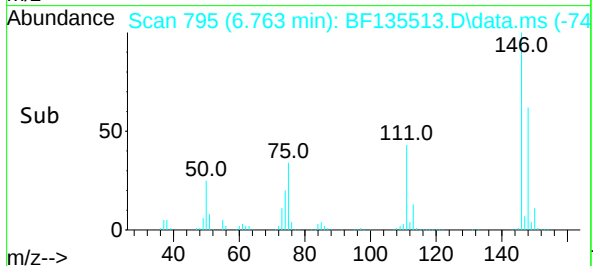
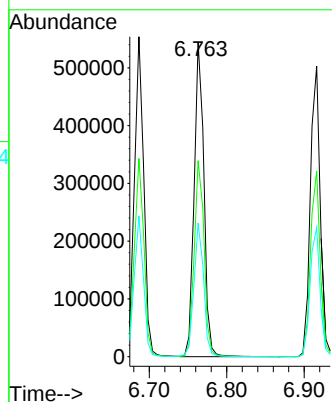
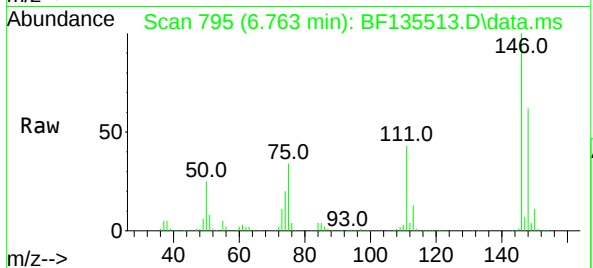
#13
1,4-Dichlorobenzene
Concen: 41.986 ng
RT: 6.763 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
PB155781BS

Tgt Ion:146 Resp: 47643
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
111 42.6 35.1 52.7

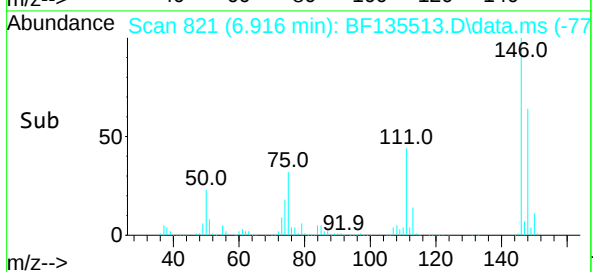
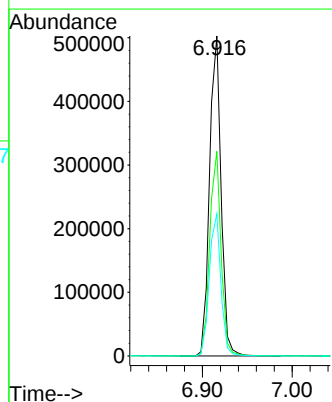
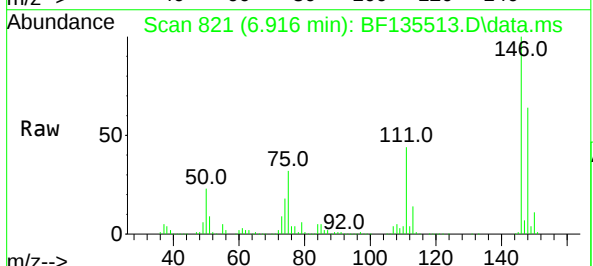
Manual Integrations
APPROVED

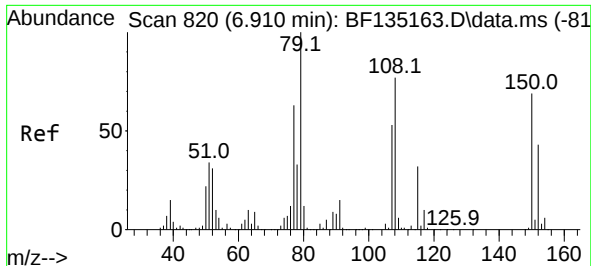
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#14
1,2-Dichlorobenzene
Concen: 42.569 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

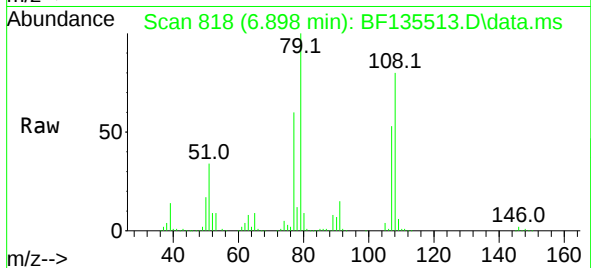
Tgt Ion:146 Resp: 448587
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 44.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 42.787 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

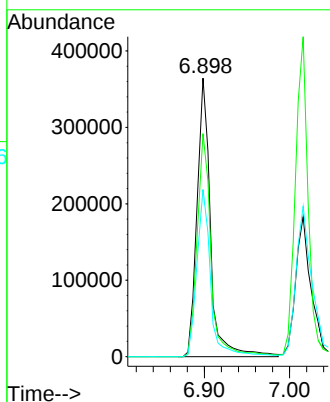
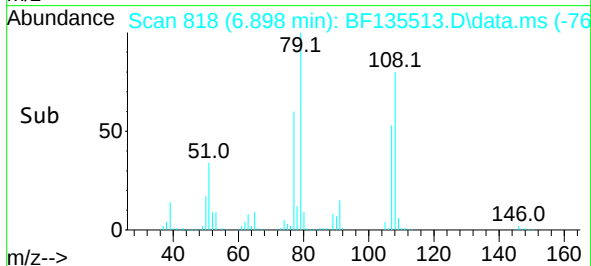
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion: 79 Resp: 40136
Ion Ratio Lower Upper
79 100
108 80.1 61.2 91.8
77 60.0 50.5 75.7

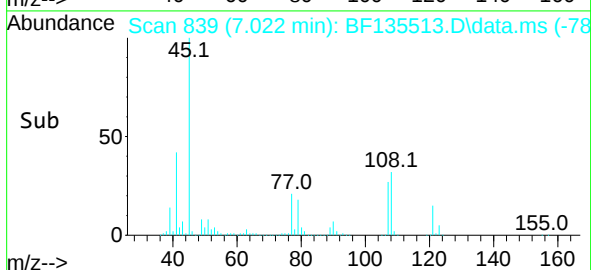
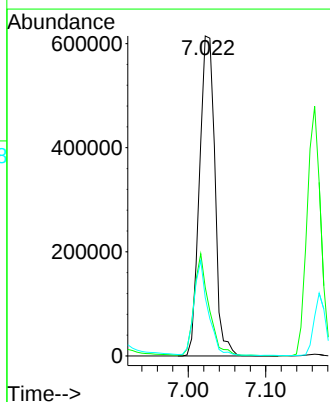
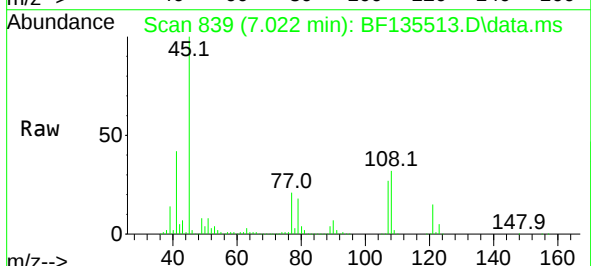
Manual Integrations
APPROVED

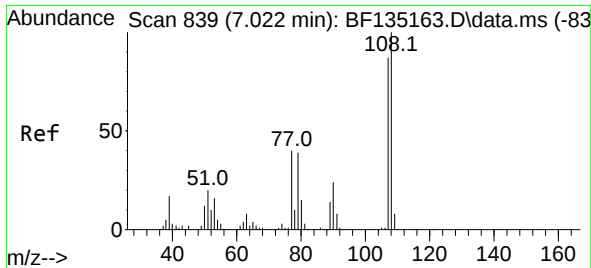
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.933 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

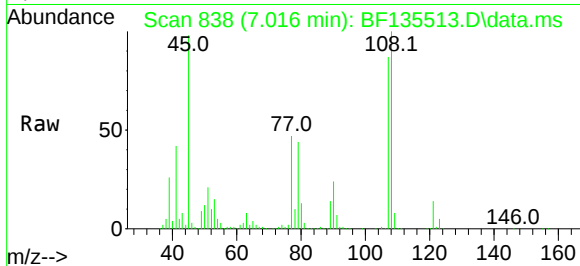
Tgt Ion: 45 Resp: 849862
Ion Ratio Lower Upper
45 100
77 21.4 0.0 30.6
79 18.2 0.0 28.3





#17
2-Methylphenol
Concen: 39.313 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

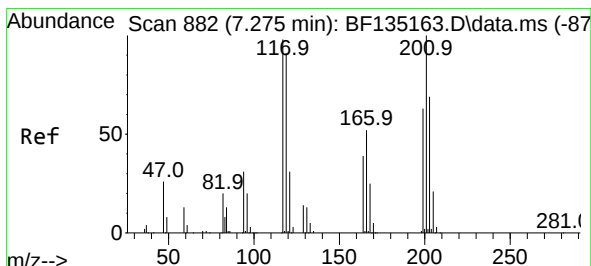
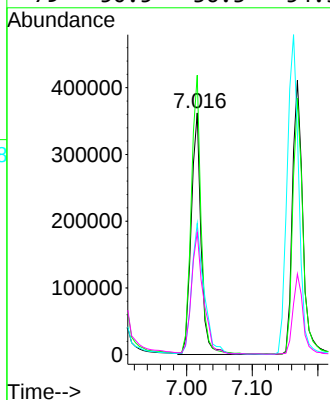
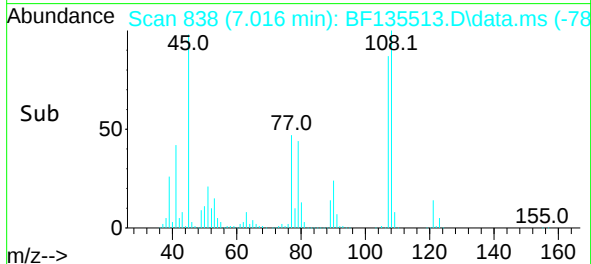
Instrument :
BNA_F
ClientSampleId :
PB155781BS



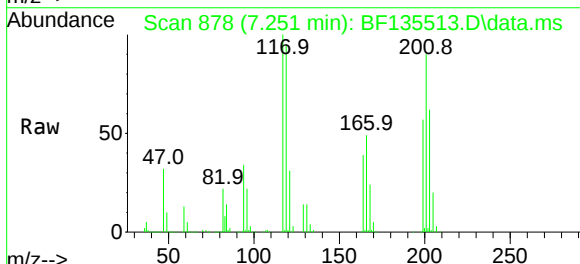
Tgt Ion:107 Resp: 38073
Ion Ratio Lower Upper
107 100
108 115.6 92.0 138.0
77 54.3 36.7 55.1
79 50.5 36.3 54.5

Manual Integrations
APPROVED

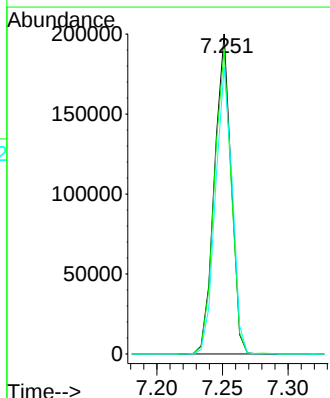
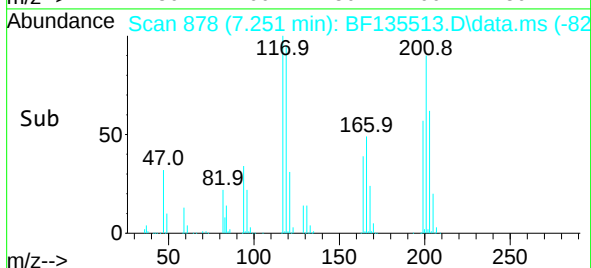
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

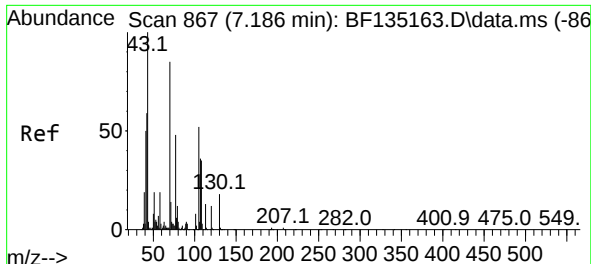


#18
Hexachloroethane
Concen: 42.050 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:117 Resp: 176306
Ion Ratio Lower Upper
117 100
119 95.1 74.7 112.1
201 89.6 81.8 122.8





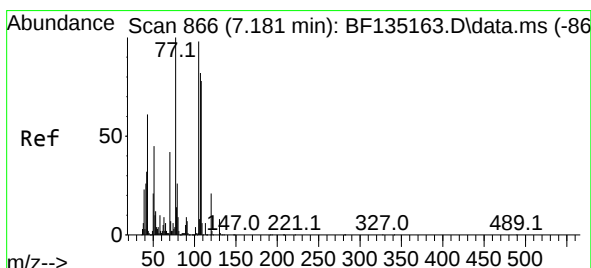
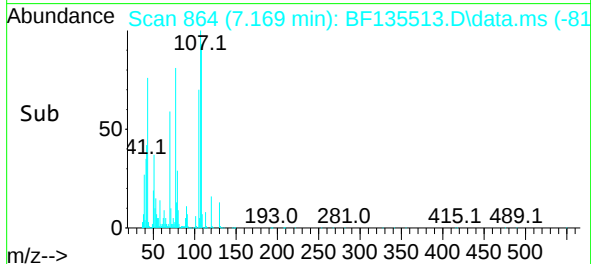
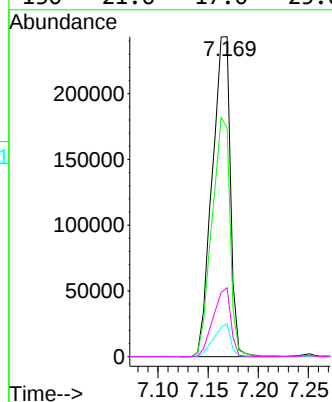
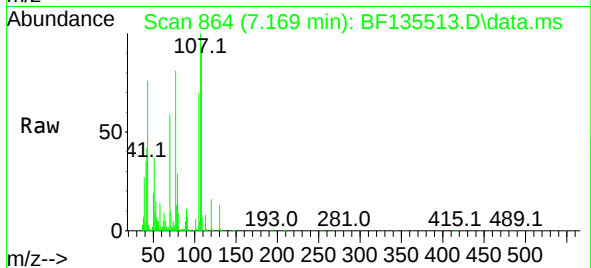
#19
n-Nitroso-di-n-propylamine
Concen: 38.022 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
PB155781BS

Tgt Ion: 70 Resp: 30786
Ion Ratio Lower Upper
70 100
42 71.6 55.4 83.0
101 10.3 7.7 11.5
130 21.6 17.0 25.6

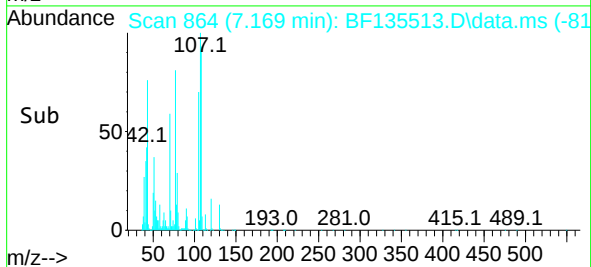
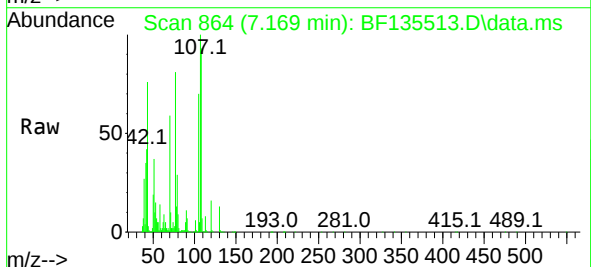
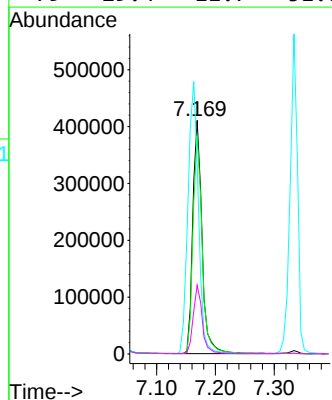
Manual Integrations
APPROVED

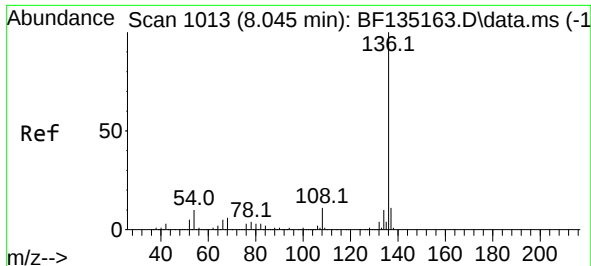
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#20
3+4-Methylphenols
Concen: 38.846 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:107 Resp: 452386
Ion Ratio Lower Upper
107 100
108 93.4 74.7 114.7
77 81.2 102.0 142.0#
79 29.4 11.7 51.7





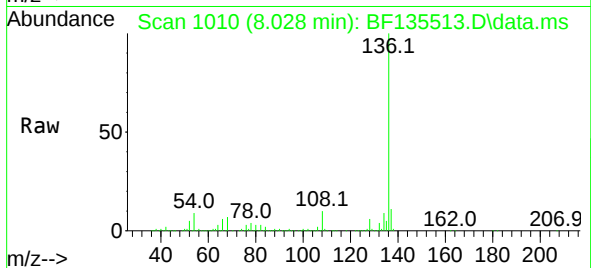
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

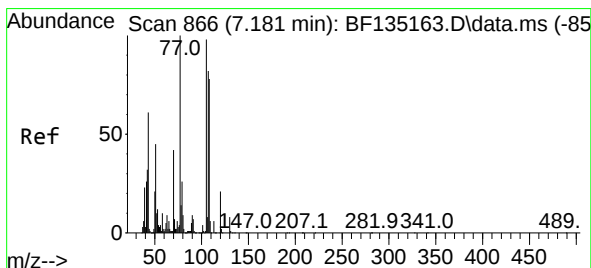
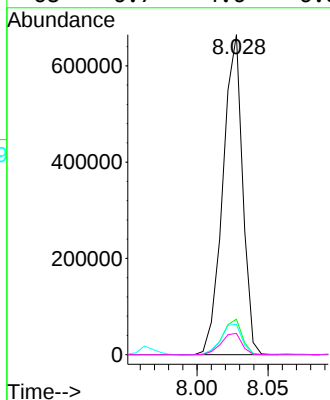
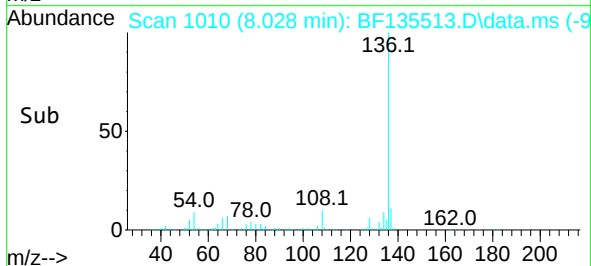


Tgt Ion:136 Resp: 639870
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.5 7.7 11.5
68 6.7 4.6 6.8

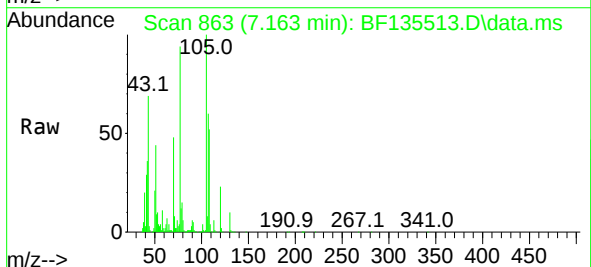
Manual Integrations

APPROVED

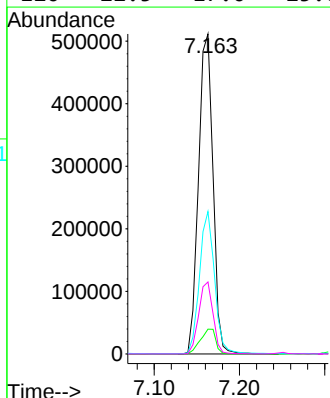
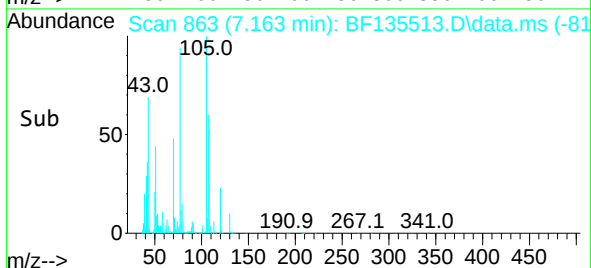
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#22
Acetophenone
Concen: 41.309 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:105 Resp: 604317
Ion Ratio Lower Upper
105 100
71 7.7 5.8 8.6
51 44.5 37.0 55.4
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 85.570 ng

RT: 7.316 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion: 82 Resp: 100781

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

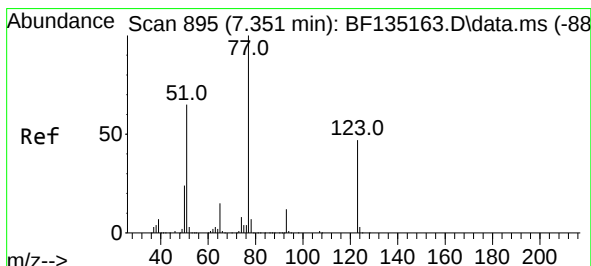
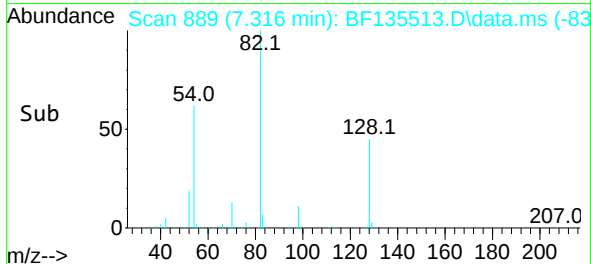
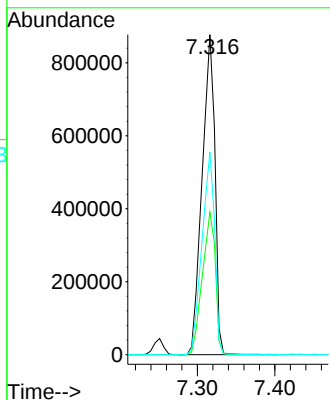
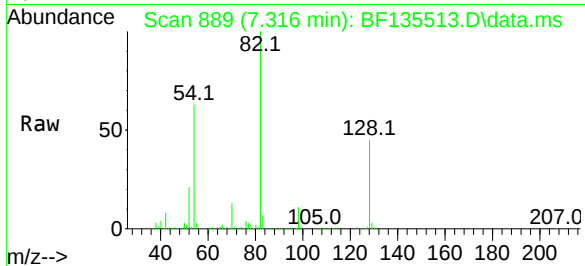
54 63.3 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#24

Nitrobenzene

Concen: 42.761 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

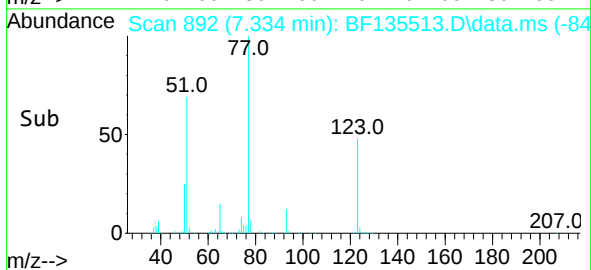
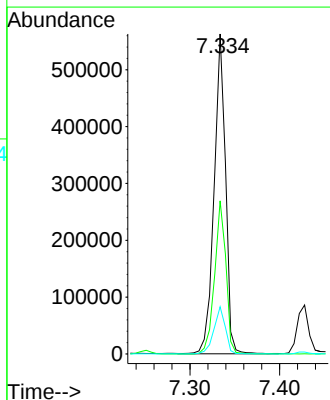
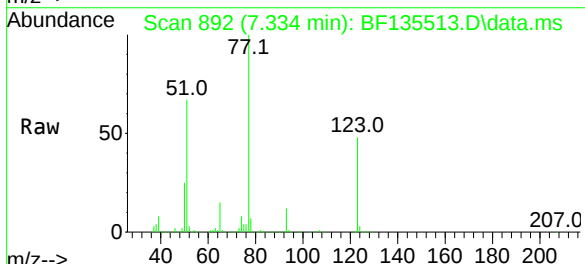
Tgt Ion: 77 Resp: 497780

Ion Ratio Lower Upper

77 100

123 47.9 37.6 56.4

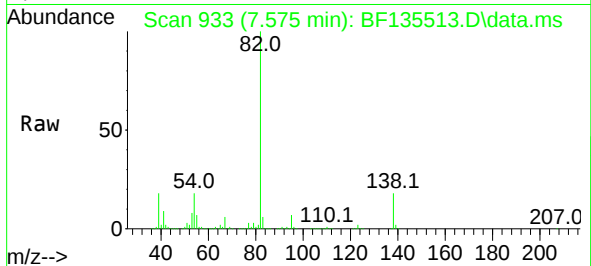
65 14.8 12.2 18.4





#25
Isophorone
Concen: 43.667 ng
RT: 7.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

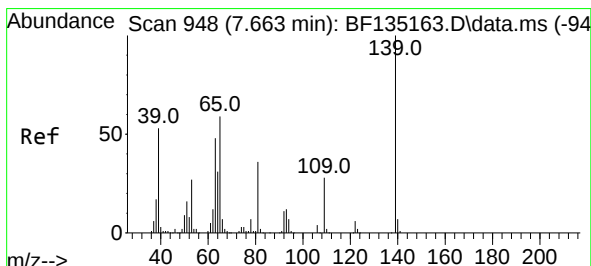
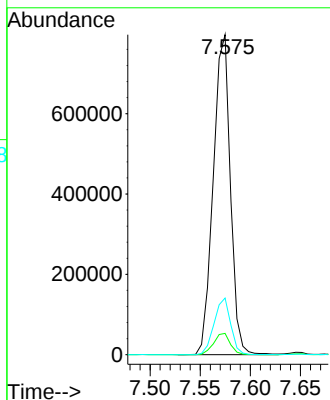
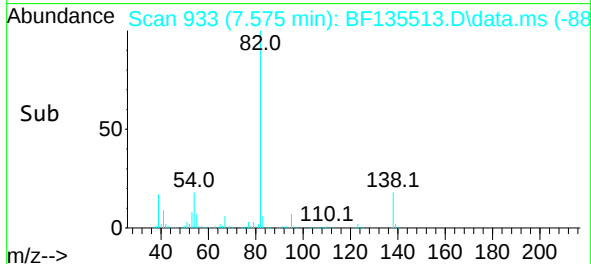
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion: 82 Resp: 944378
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.7 14.5 21.7

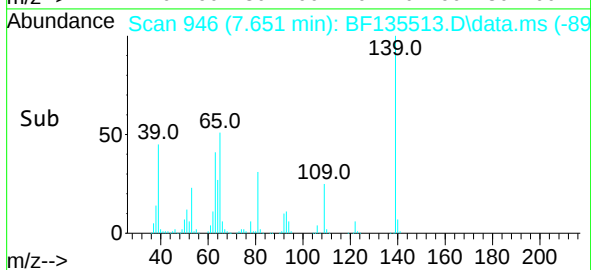
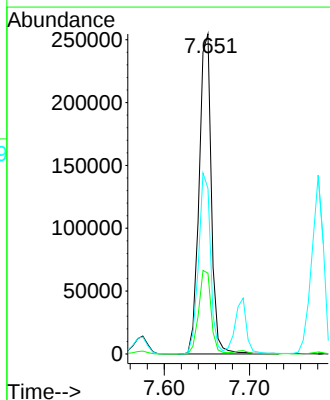
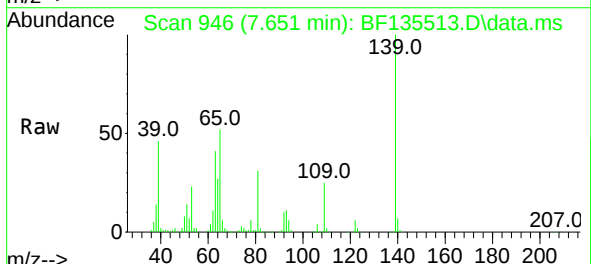
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#26
2-Nitrophenol
Concen: 45.437 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:139 Resp: 253857
Ion Ratio Lower Upper
139 100
109 25.3 22.6 33.8
65 51.8 47.0 70.4





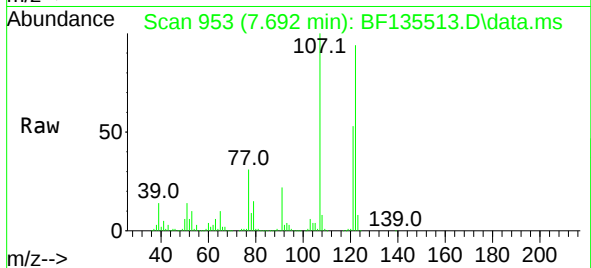
#27
2,4-Dimethylphenol
Concen: 40.384 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

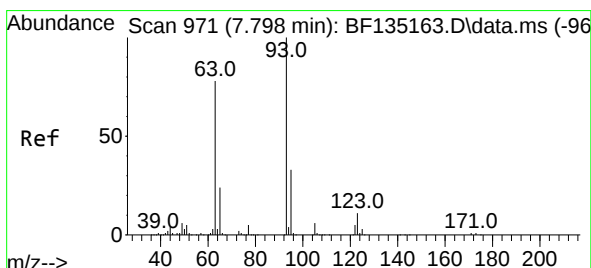
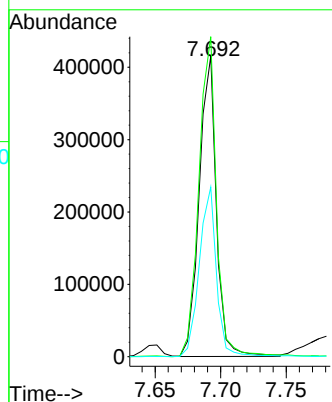
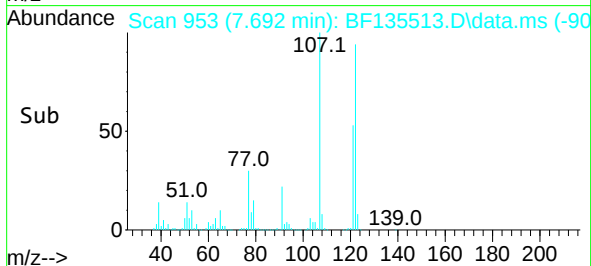


Tgt Ion:122 Resp: 379248
Ion Ratio Lower Upper
122 100
107 106.4 90.2 135.4
121 56.4 46.3 69.5

Manual Integrations

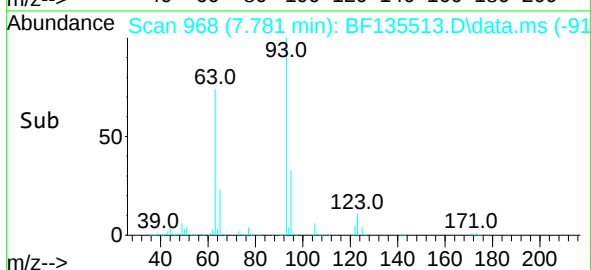
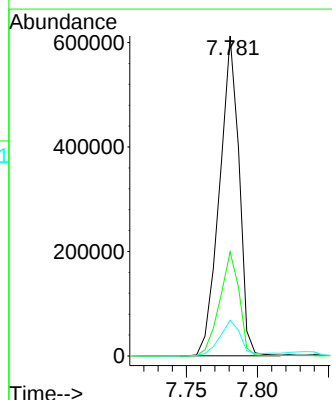
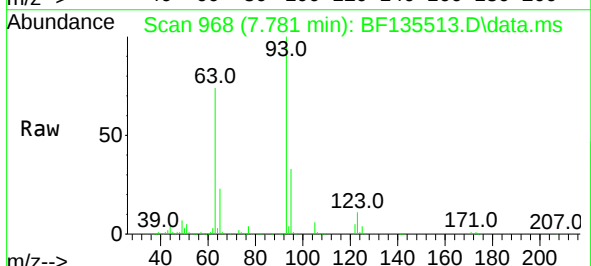
APPROVED

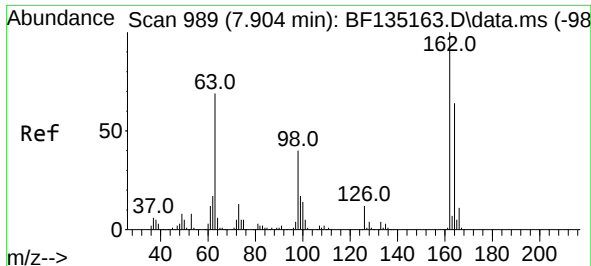
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.105 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion: 93 Resp: 583849
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.545 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

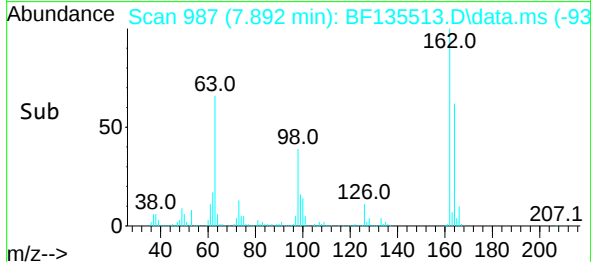
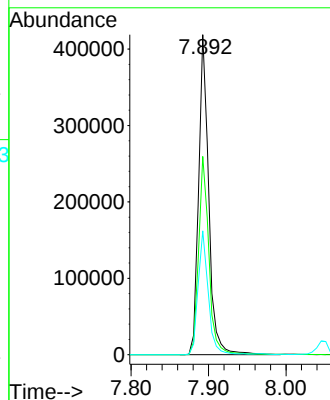
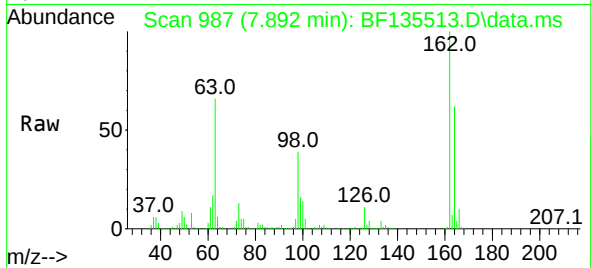
Tgt Ion:162 Resp: 37892
 Ion Ratio Lower Upper
 162 100
 164 61.9 44.1 84.1
 98 38.7 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.366 ng

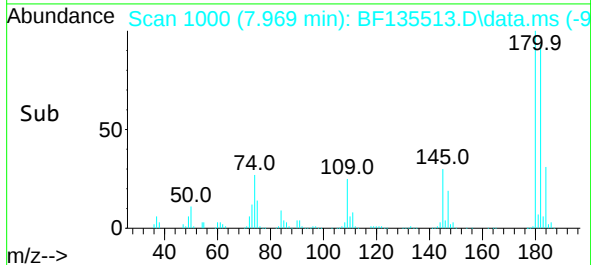
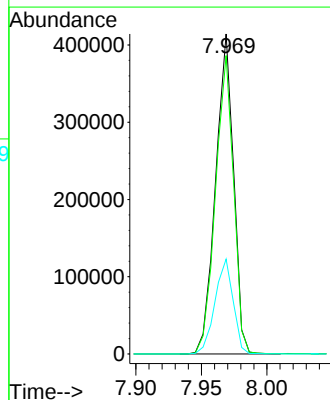
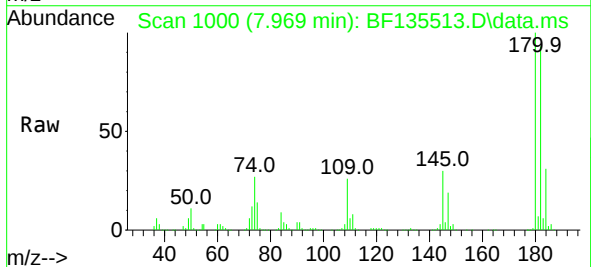
RT: 7.969 min Scan# 1000

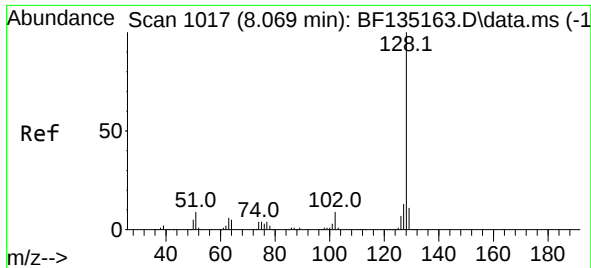
Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

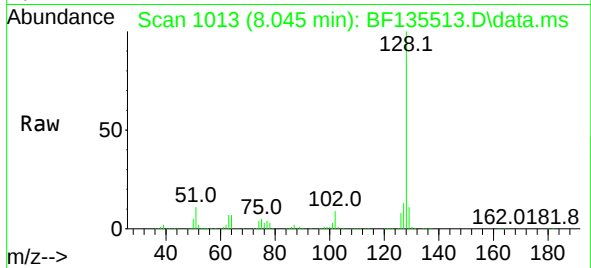
Tgt Ion:180 Resp: 394434
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.9 115.3
 145 29.6 24.5 36.7





#31
Naphthalene
Concen: 42.151 ng
RT: 8.045 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

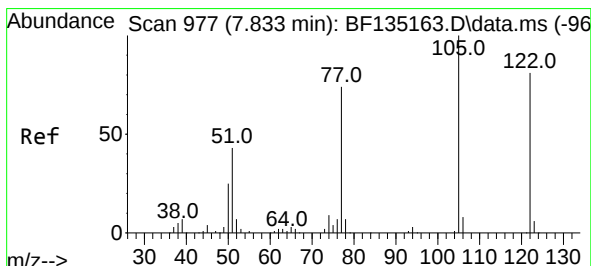
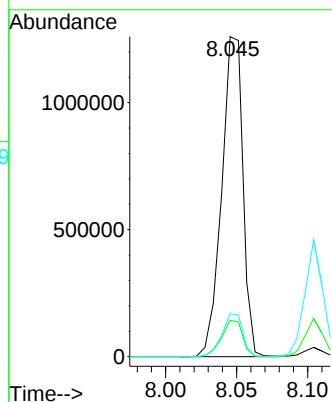
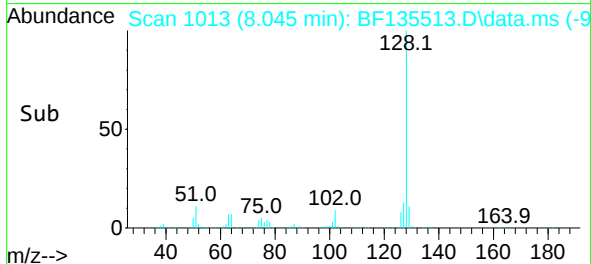
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:128 Resp: 131044
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.7 16.1

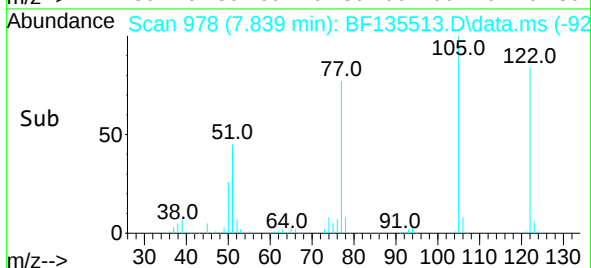
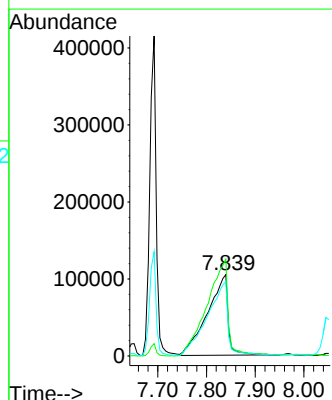
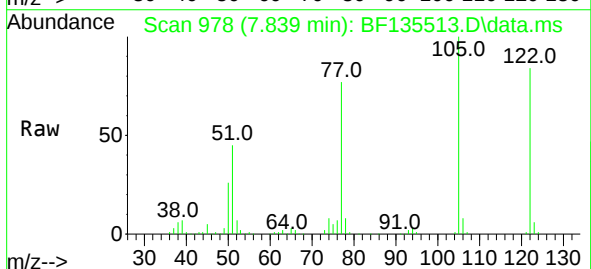
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#32
Benzoic acid
Concen: 43.679 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:122 Resp: 308883
Ion Ratio Lower Upper
122 100
105 119.0 99.9 139.9
77 91.7 70.0 110.0





#33

4-Chloroaniline

Concen: 32.277 ng

RT: 8.104 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion:127 Resp: 440270

Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 35.1 26.6 39.8

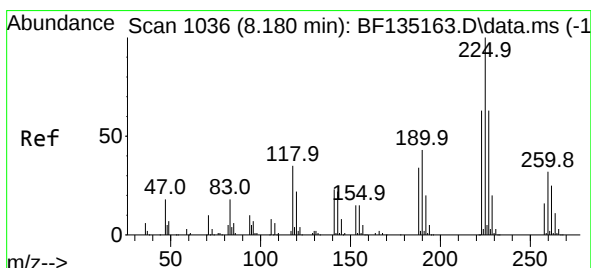
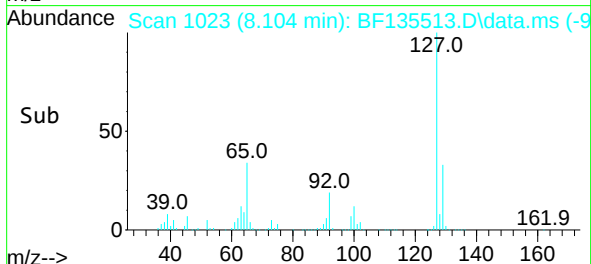
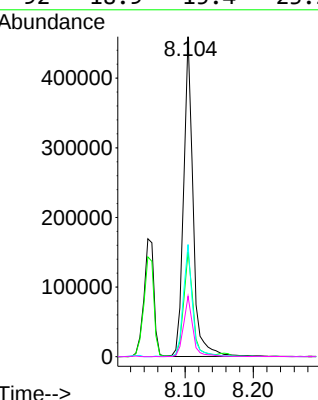
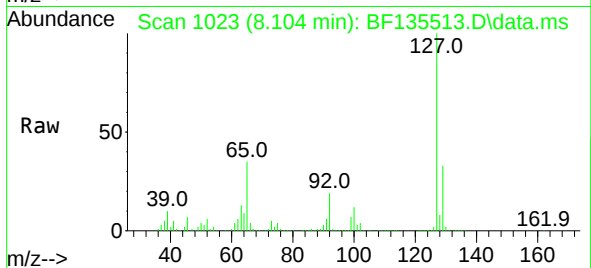
92 18.9 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#34

Hexachlorobutadiene

Concen: 39.378 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

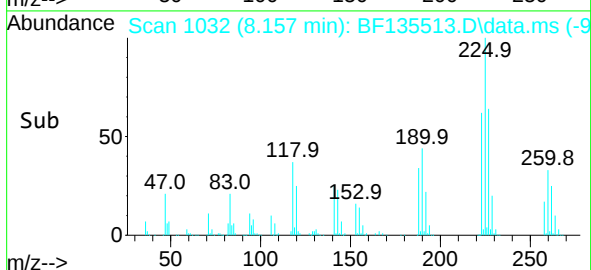
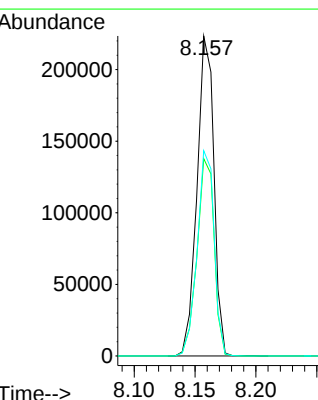
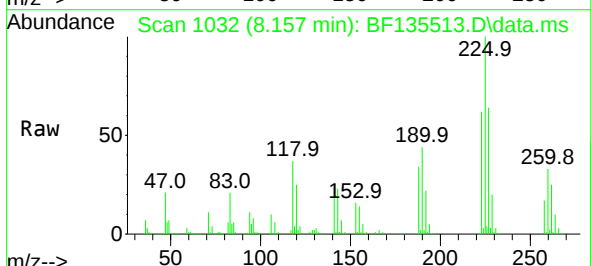
Tgt Ion:225 Resp: 215965

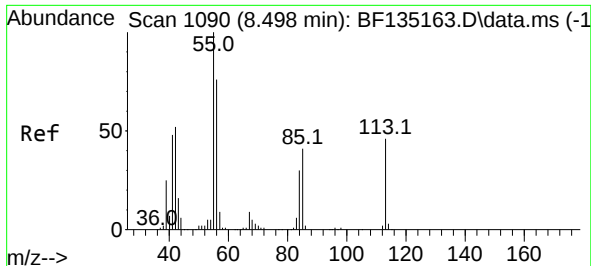
Ion Ratio Lower Upper

225 100

223 61.7 50.6 75.8

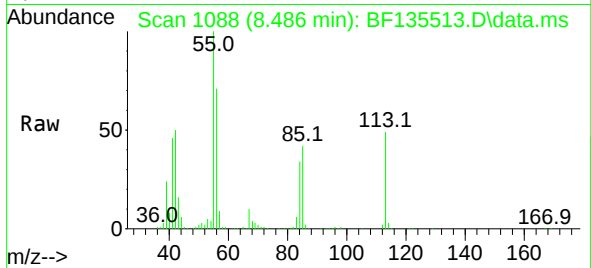
227 64.2 50.8 76.2





#35
Caprolactam
Concen: 45.872 ng m
RT: 8.486 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

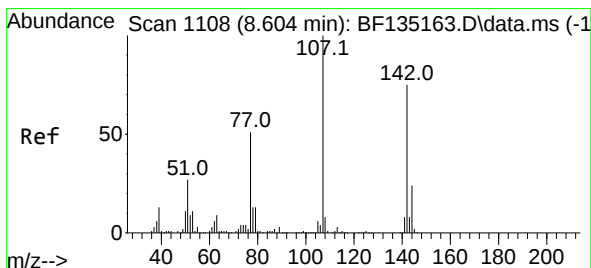
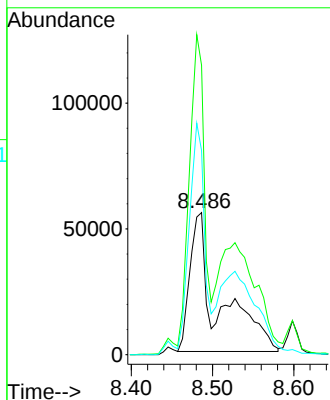
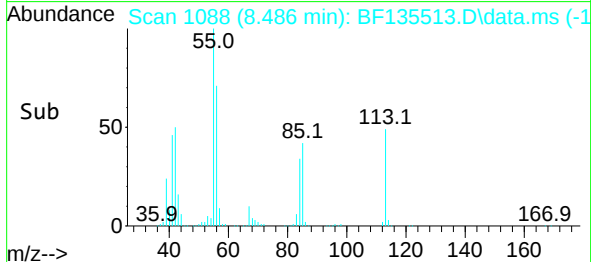
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:113 Resp: 133970
Ion Ratio Lower Upper
113 100
55 203.8 199.3 239.3
56 143.7 146.3 186.3

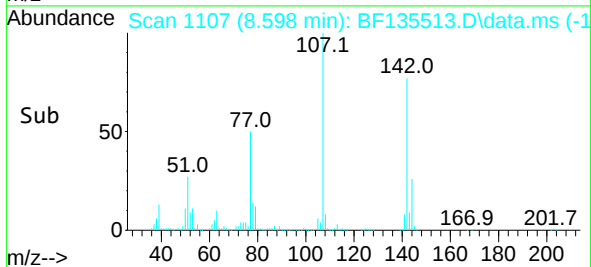
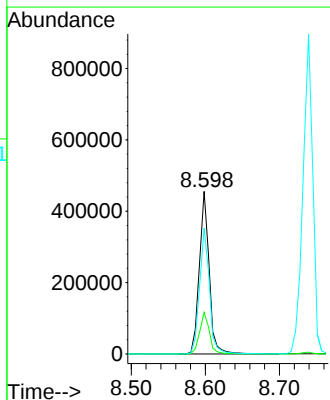
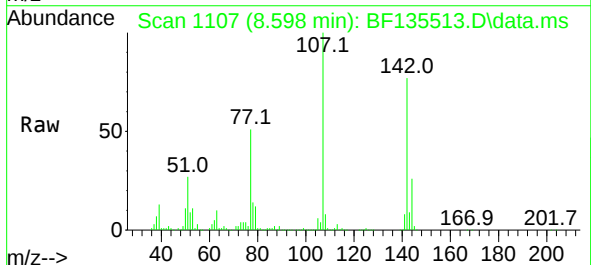
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#36
4-Chloro-3-methylphenol
Concen: 43.512 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:107 Resp: 420826
Ion Ratio Lower Upper
107 100
144 25.6 19.0 28.4
142 77.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.524 ng

RT: 8.739 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion:142 Resp: 82598

Ion Ratio Lower Upper

142 100

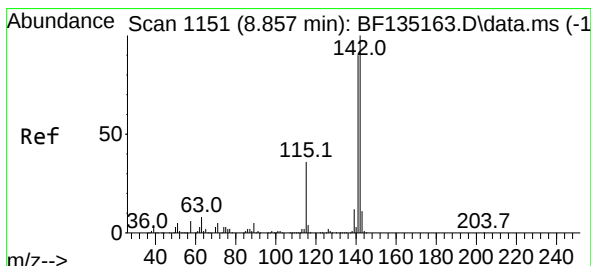
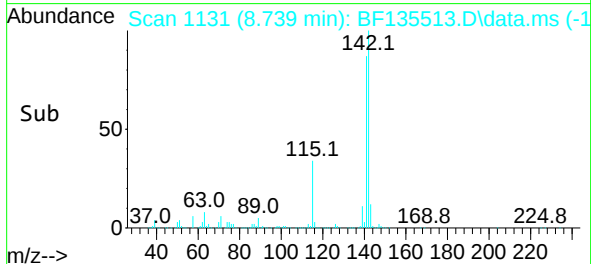
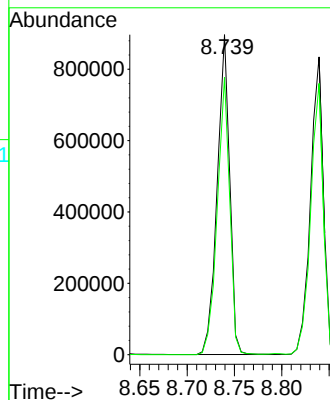
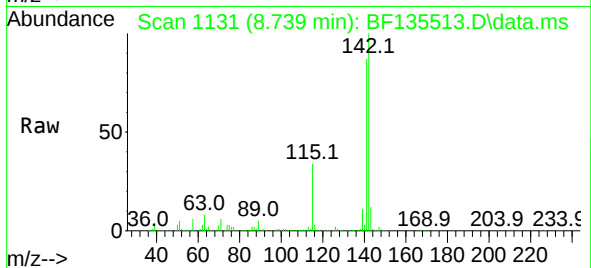
141 86.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#38

1-Methylnaphthalene

Concen: 40.409 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF135513.D

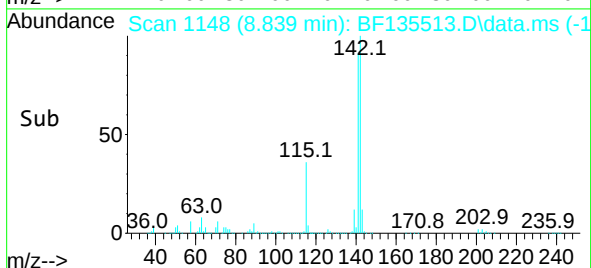
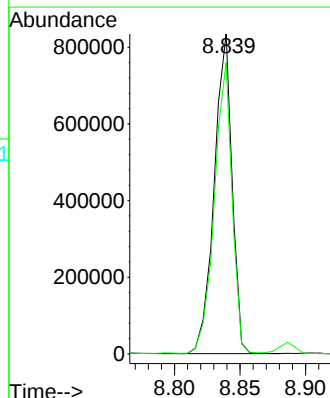
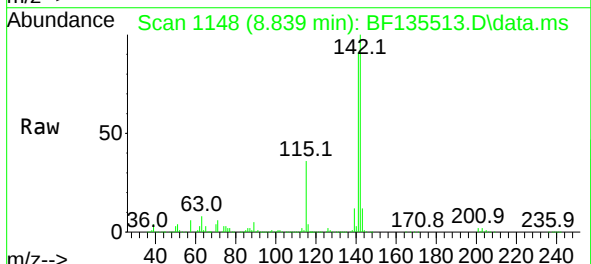
Acq: 29 Sep 2023 13:29

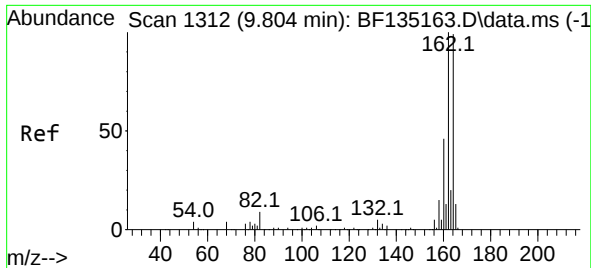
Tgt Ion:142 Resp: 790631

Ion Ratio Lower Upper

142 100

141 91.1 72.4 108.6





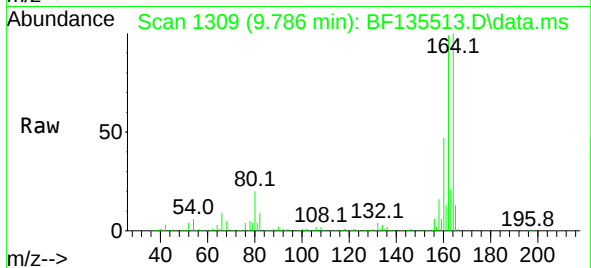
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

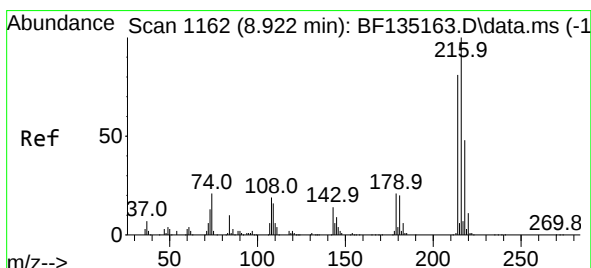
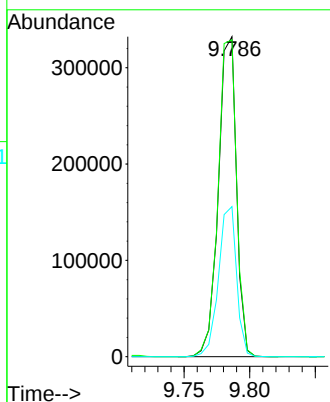
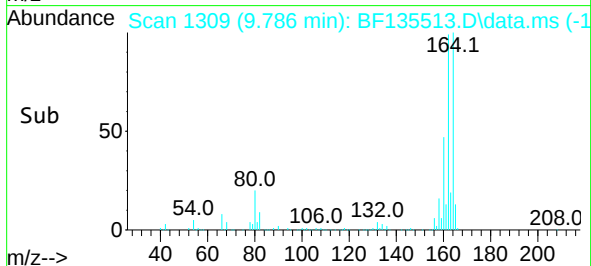
PB155781BS



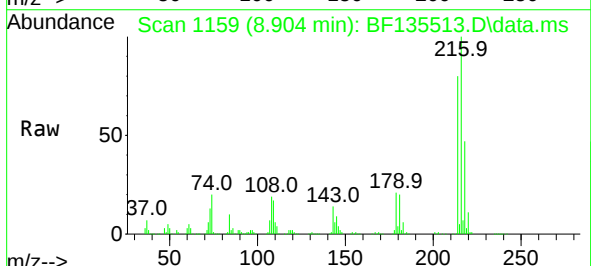
Tgt Ion:164 Resp: 31805
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 46.9 37.0 55.4

Manual Integrations
APPROVED

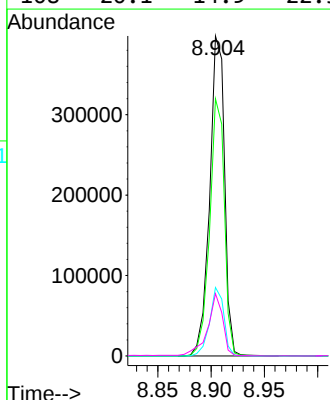
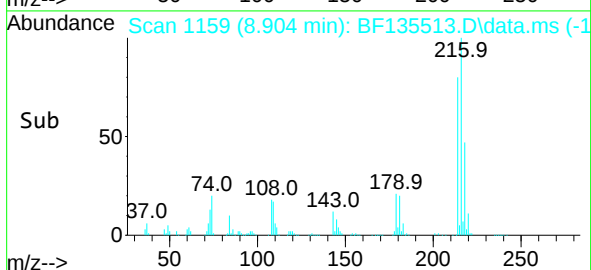
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.888 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:216 Resp: 385972
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.5 16.7 25.1
108 20.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 52.849 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

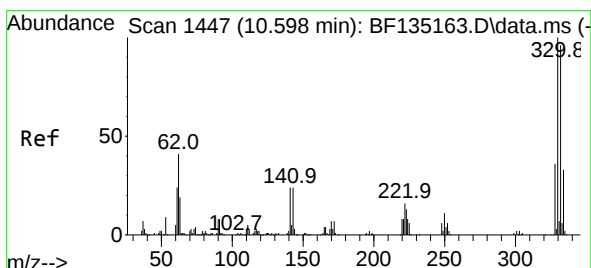
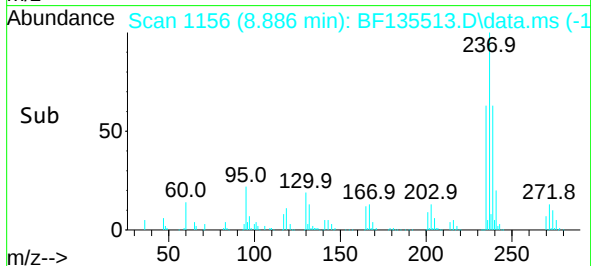
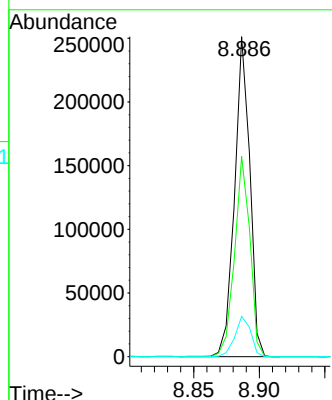
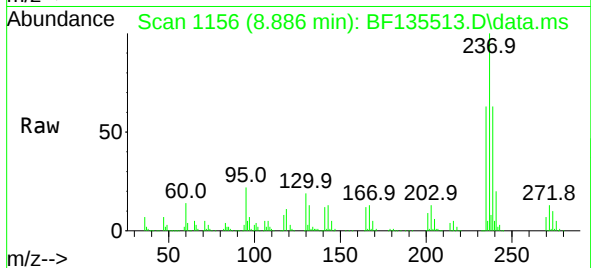
PB155781BS

Tgt Ion: 237 Resp: 203360
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 12.6 0.0 33.6

Manual Integrations

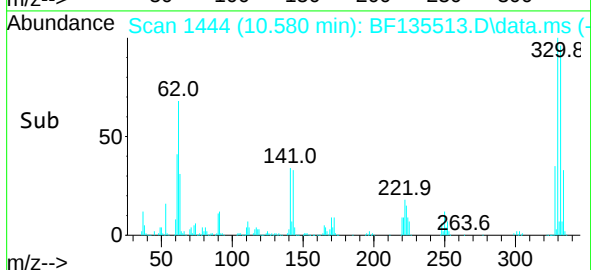
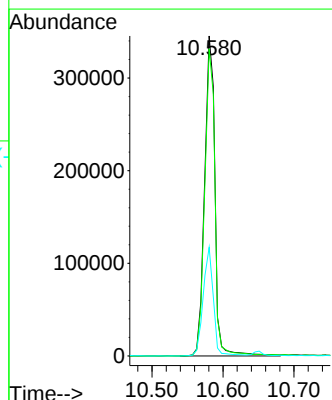
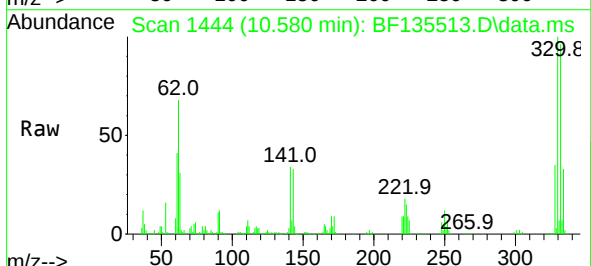
APPROVED

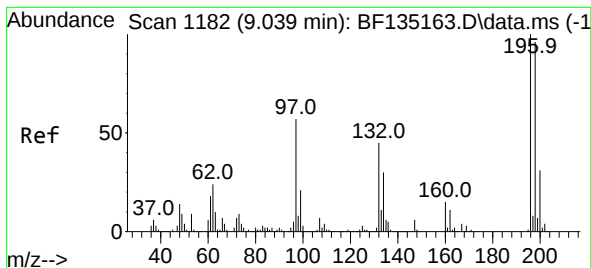
Reviewed By : Yogesh Patel 10/04/2023
Supervised By : mohammad ahmed 10/05/2023



#42
2,4,6-Tribromophenol
Concen: 110.825 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion: 330 Resp: 350282
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 42.537 ng

RT: 9.028 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135513.D

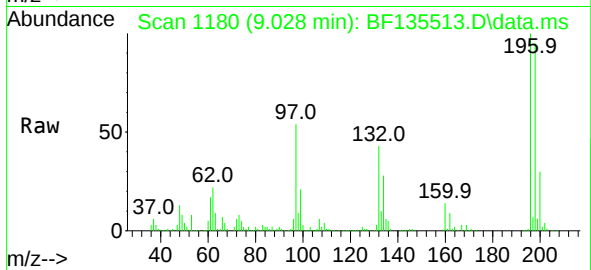
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS



Tgt Ion:196 Resp: 25662

Ion Ratio Lower Upper

196 100

198 95.1 77.0 115.6

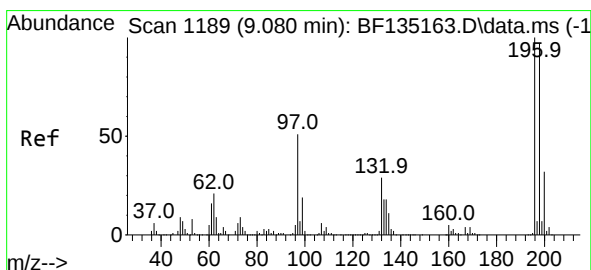
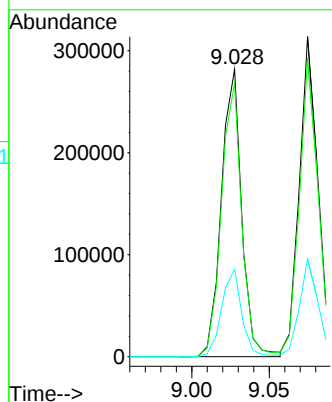
200 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#44

2,4,5-Trichlorophenol

Concen: 39.988 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Tgt Ion:196 Resp: 277820

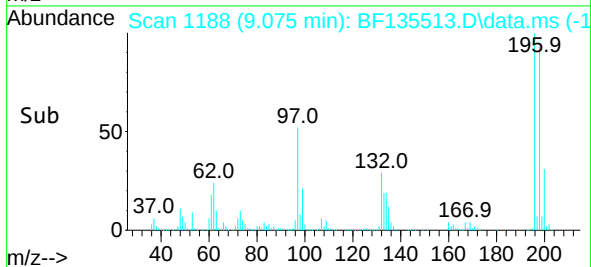
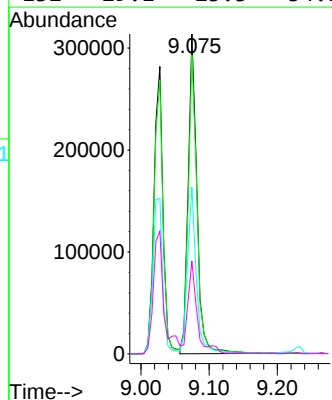
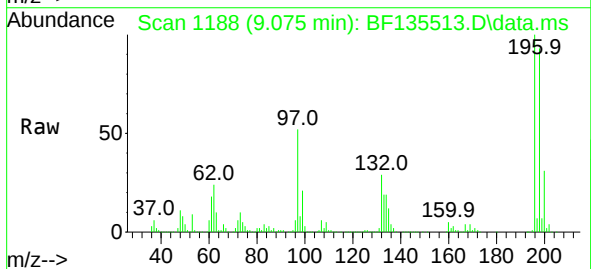
Ion Ratio Lower Upper

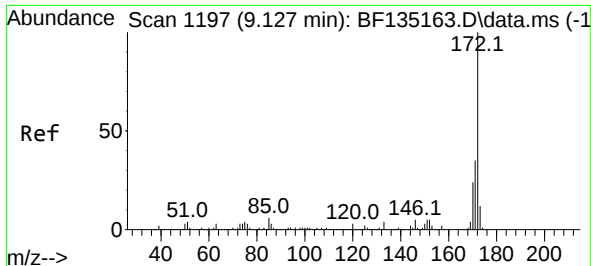
196 100

198 93.4 77.5 116.3

97 52.1 40.5 60.7

132 29.1 23.3 34.9





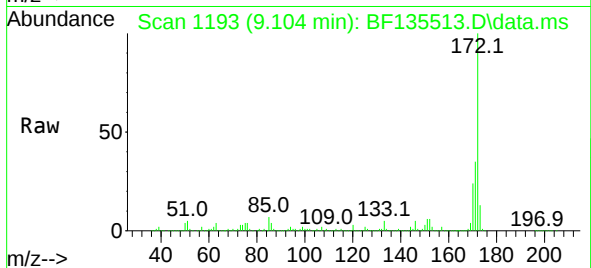
#45
2-Fluorobiphenyl
Concen: 77.778 ng
RT: 9.104 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

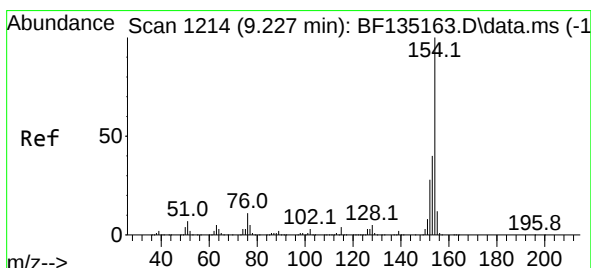
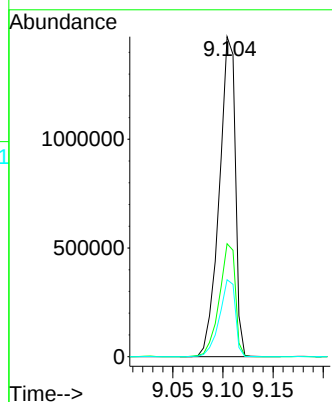
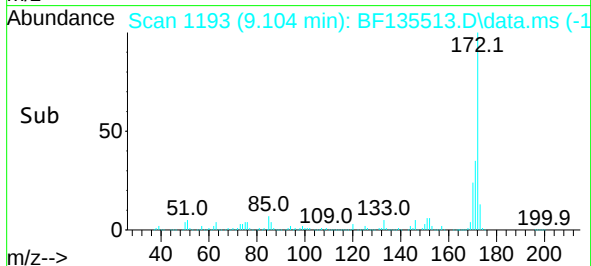


Tgt Ion:172 Resp: 163963
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.0 19.0 28.4

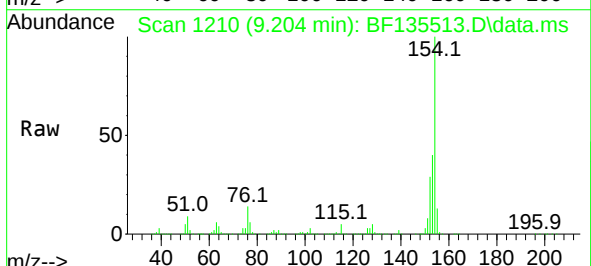
Manual Integrations

APPROVED

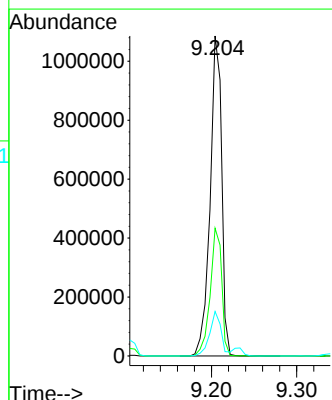
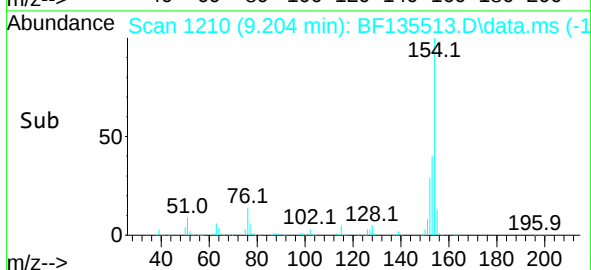
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

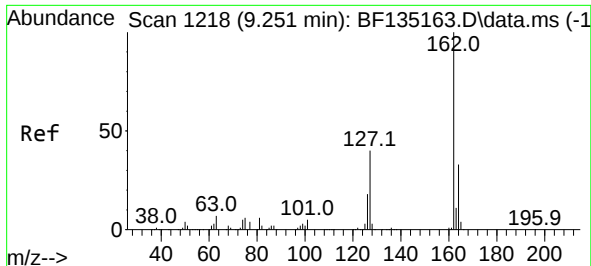


#46
1,1'-Biphenyl
Concen: 41.861 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:154 Resp: 1023159
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 13.9 0.0 31.0





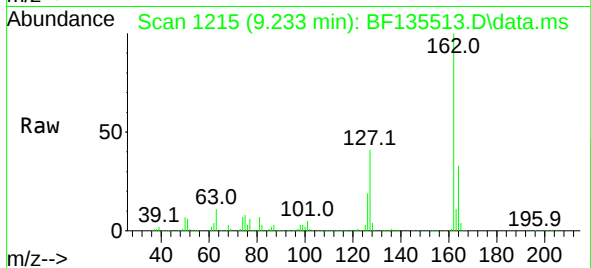
#47
2-Chloronaphthalene
Concen: 43.655 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

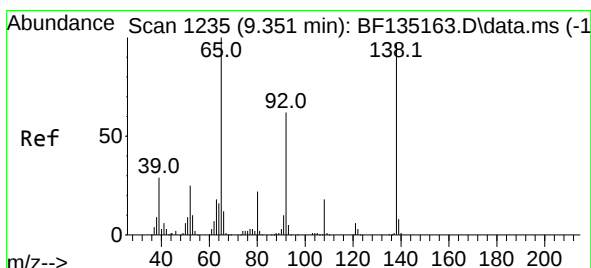
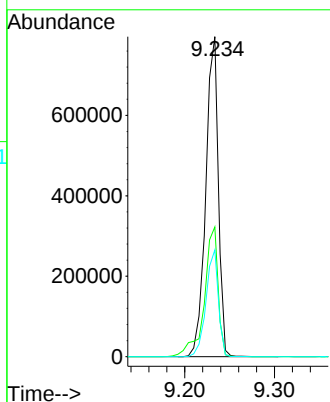
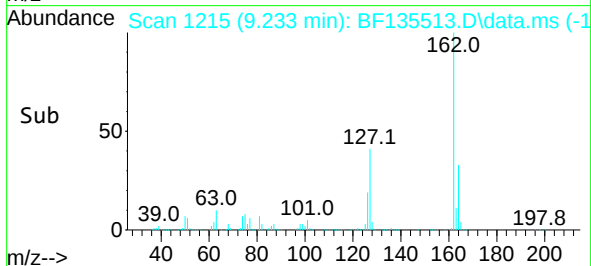
PB155781BS



Tgt Ion:162 Resp: 77417
Ion Ratio Lower Upper
162 100
127 40.6 32.6 48.8
164 33.3 26.2 39.2

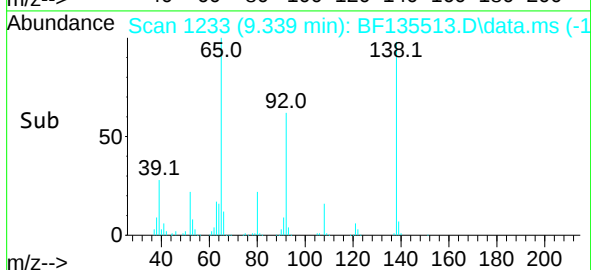
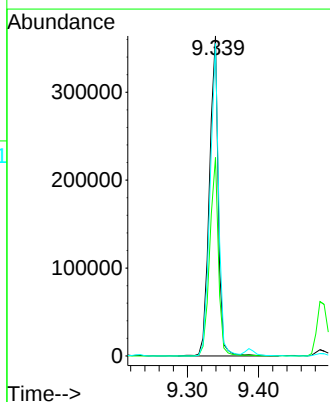
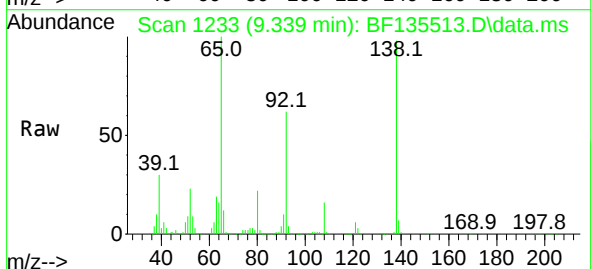
Manual Integrations
APPROVED

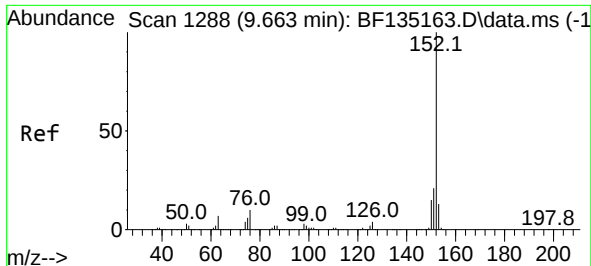
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#48
2-Nitroaniline
Concen: 46.058 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

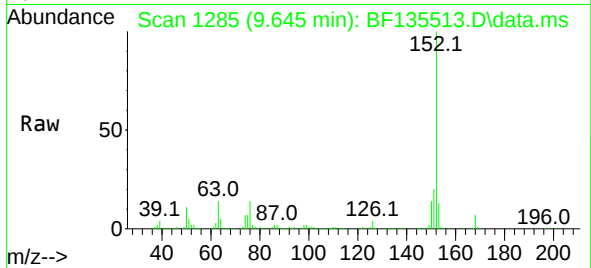
Tgt Ion: 65 Resp: 317320
Ion Ratio Lower Upper
65 100
92 62.0 49.4 74.0
138 97.6 77.4 116.0





#49
Acenaphthylene
Concen: 42.135 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

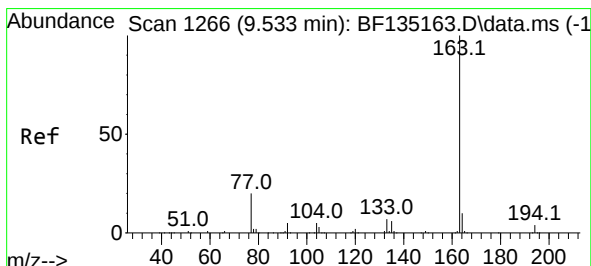
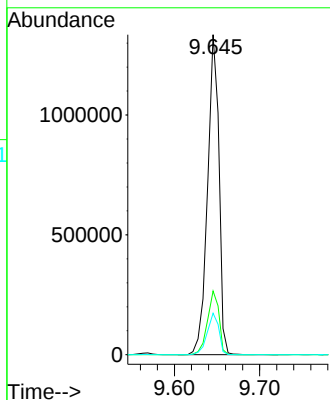
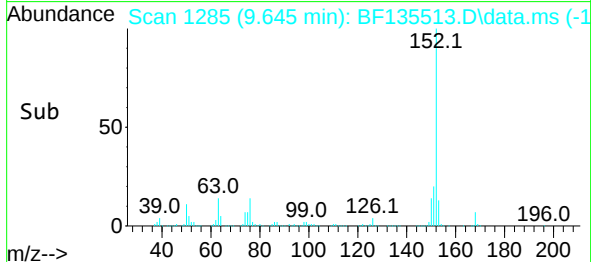
Instrument :
BNA_F
Client Sample Id :
PB155781BS



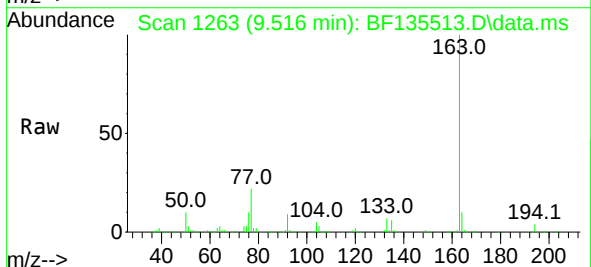
Tgt Ion:152 Resp: 1241820
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.0 10.4 15.6

Manual Integrations
APPROVED

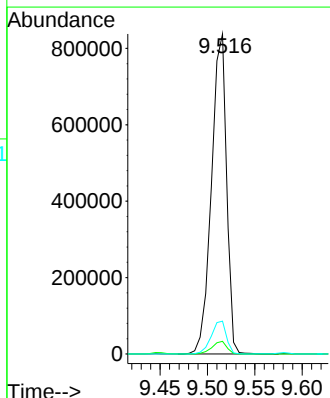
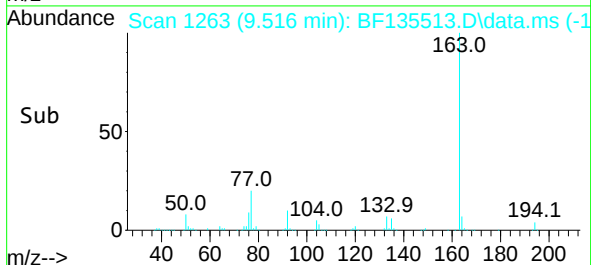
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

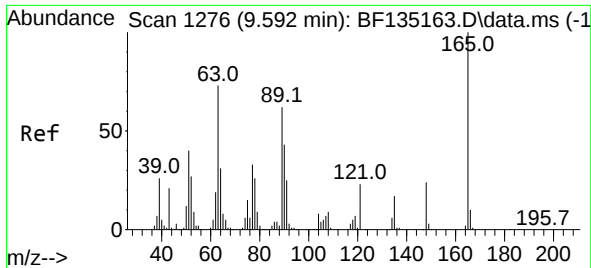


#50
Dimethylphthalate
Concen: 43.065 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



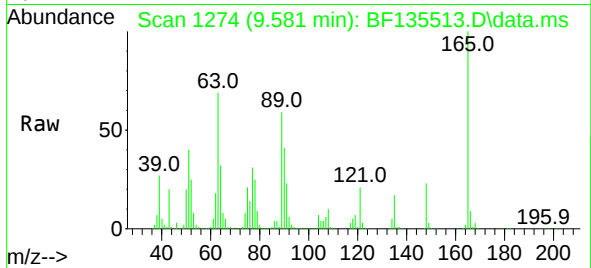
Tgt Ion:163 Resp: 926062
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.866 ng
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

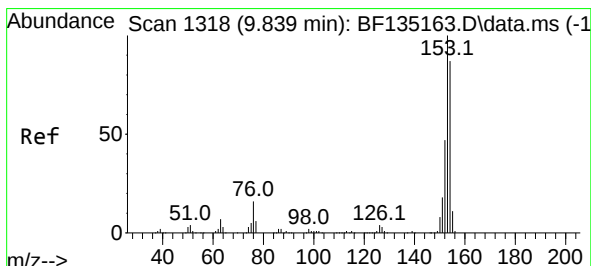
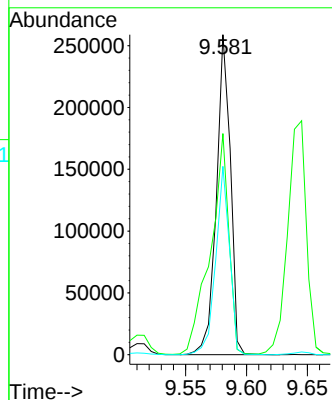
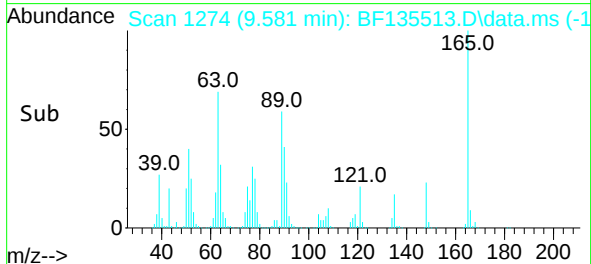
Instrument :
BNA_F
ClientSampleId :
PB155781BS



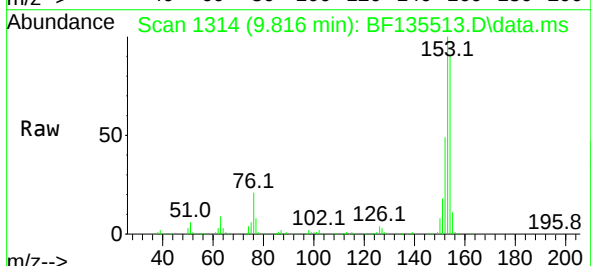
Tgt Ion:165 Resp: 206640
Ion Ratio Lower Upper
165 100
63 69.1 59.4 89.2
89 58.8 49.8 74.8

Manual Integrations
APPROVED

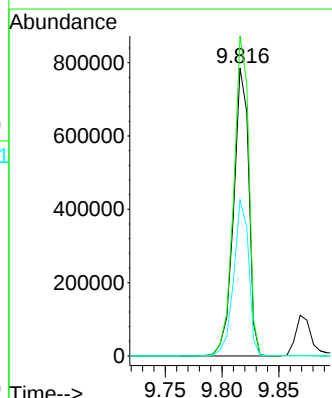
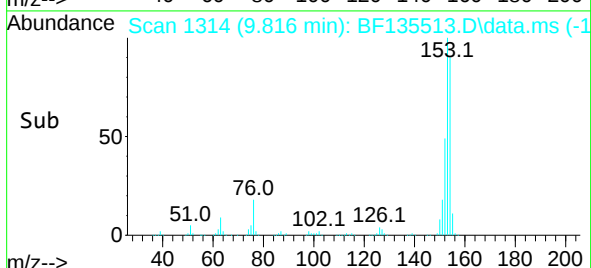
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

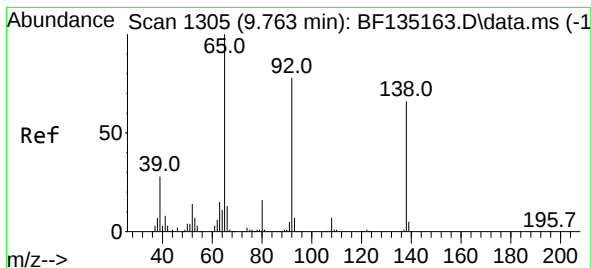


#52
Acenaphthene
Concen: 41.980 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:154 Resp: 730907
Ion Ratio Lower Upper
154 100
153 111.2 92.1 138.1
152 54.2 43.1 64.7





#53

3-Nitroaniline

Concen: 36.388 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion:138 Resp: 201210

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

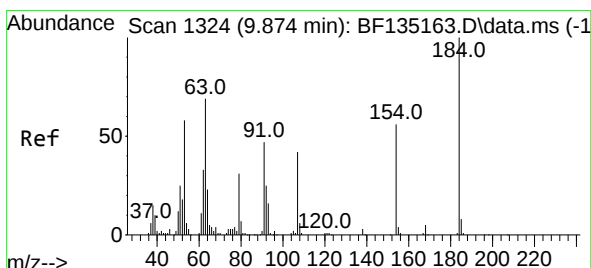
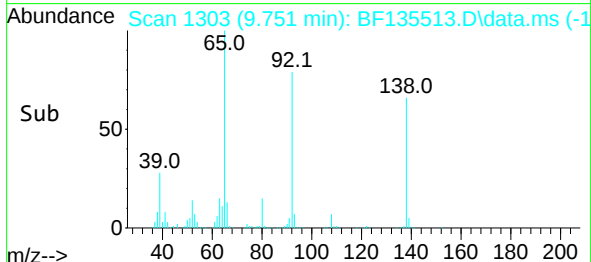
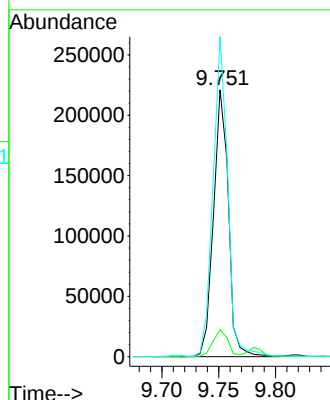
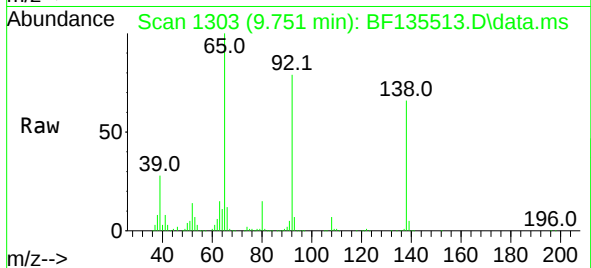
92 119.9 95.4 143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#54

2,4-Dinitrophenol

Concen: 78.261 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

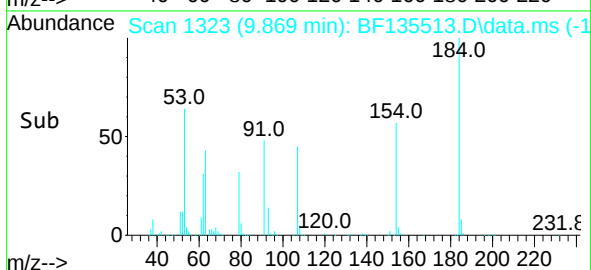
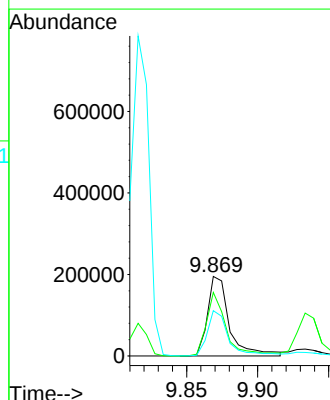
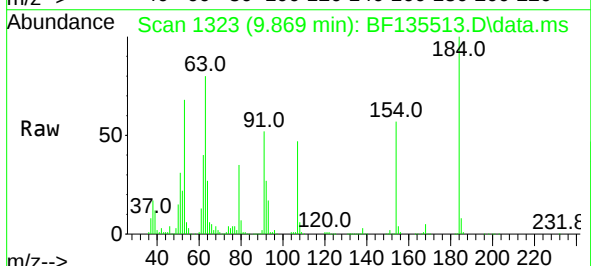
Tgt Ion:184 Resp: 208895

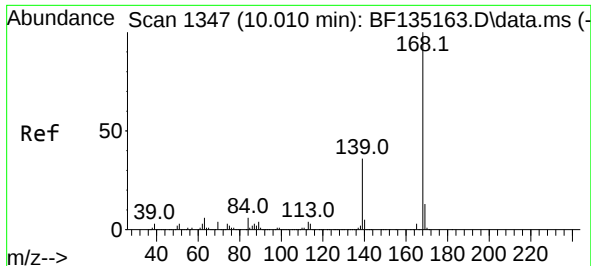
Ion Ratio Lower Upper

184 100

63 79.9 55.1 82.7

154 56.9 48.4 72.6





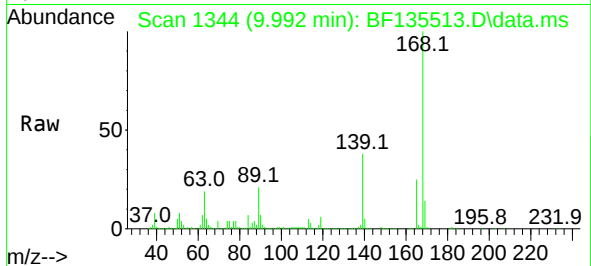
#55
Dibenzenofuran
Concen: 38.903 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

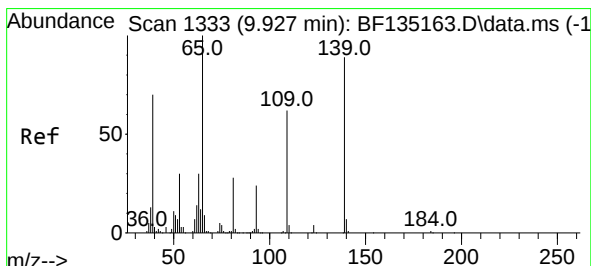
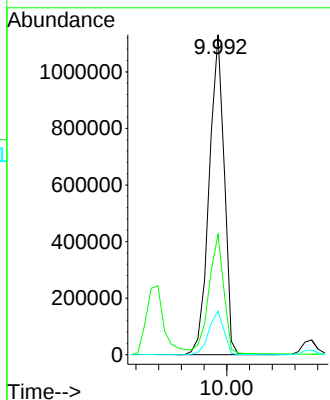
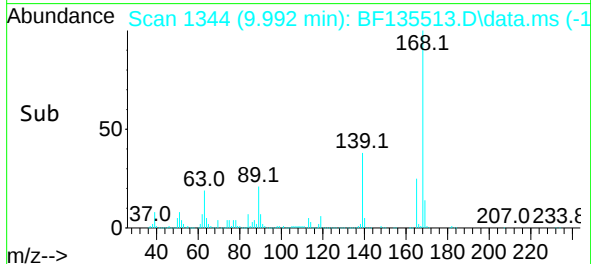


Tgt Ion:168 Resp: 1033604
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations

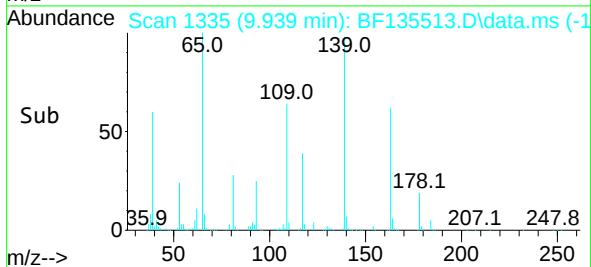
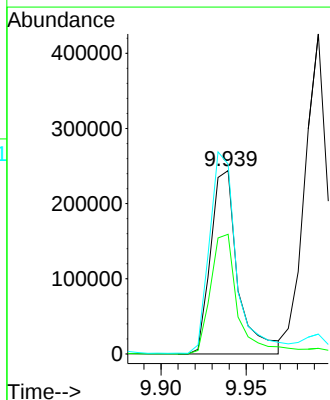
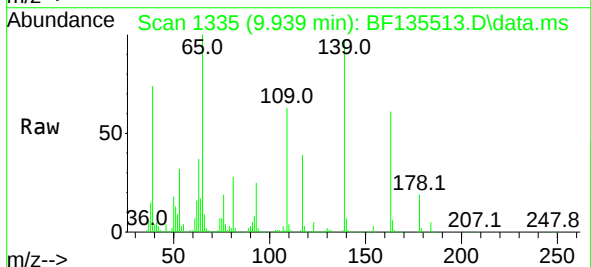
APPROVED

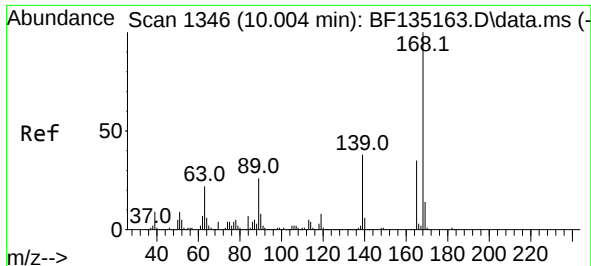
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#56
4-Nitrophenol
Concen: 77.126 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:139 Resp: 271049
Ion Ratio Lower Upper
139 100
109 65.3 49.8 89.8
65 103.6 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 39.915 ng
RT: 9.992 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

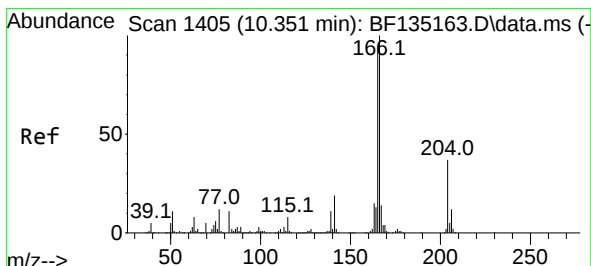
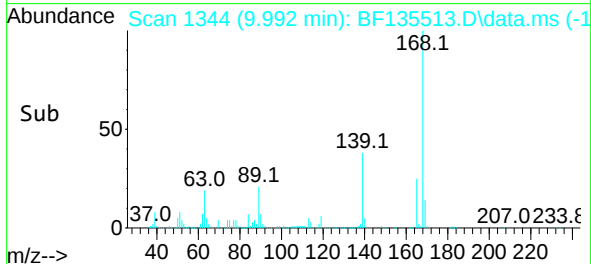
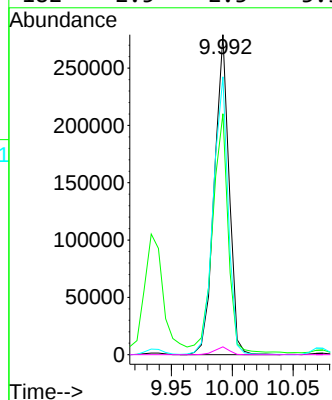
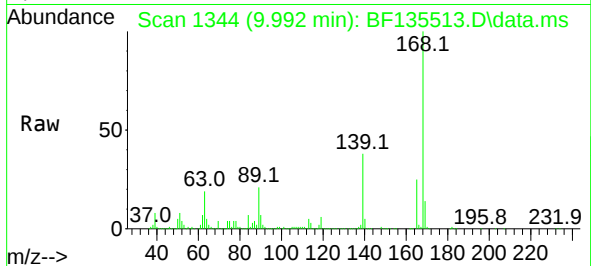
ClientSampleId :

PB155781BS

Tgt Ion:165 Resp: 23539
Ion Ratio Lower Upper
165 100
63 75.3 50.1 75.1
89 86.9 59.3 88.9
182 2.5 2.3 3.5

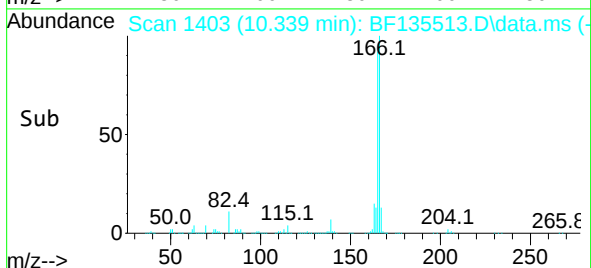
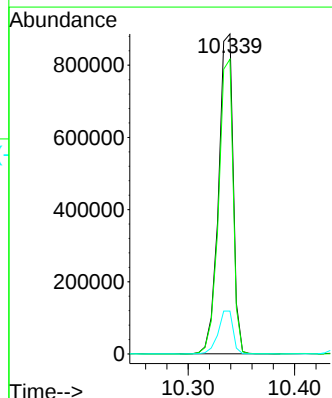
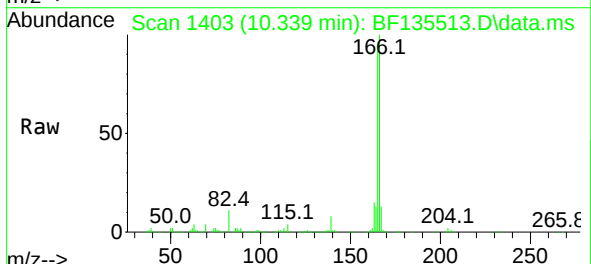
Manual Integrations
APPROVED

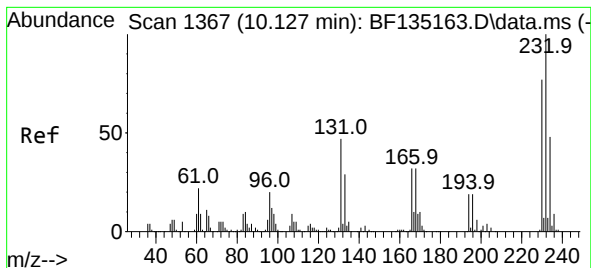
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#58
Fluorene
Concen: 41.254 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

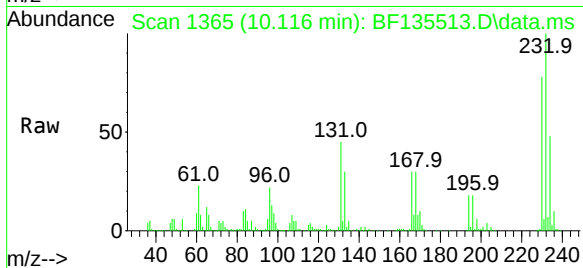
Tgt Ion:166 Resp: 842616
Ion Ratio Lower Upper
166 100
165 92.1 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.776 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

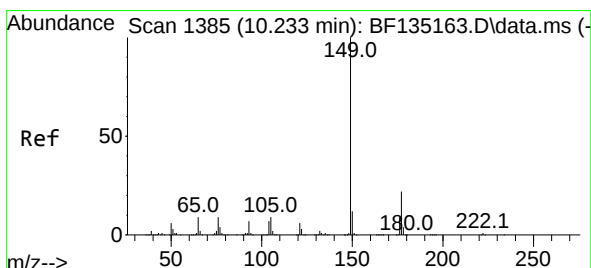
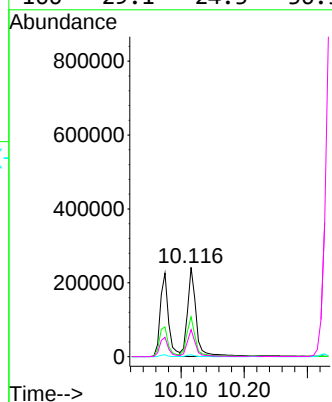
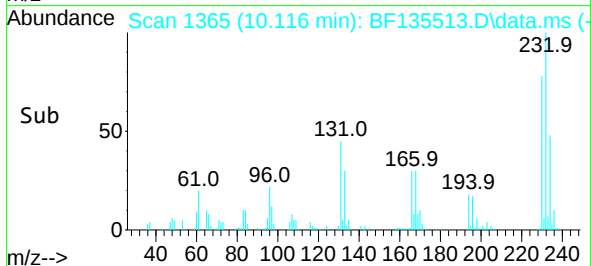
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:232 Resp: 228614
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.2 1.8 2.8
166 29.1 24.3 36.5

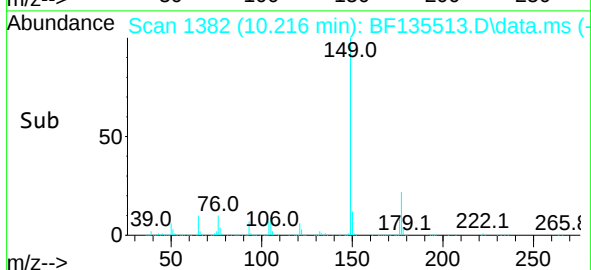
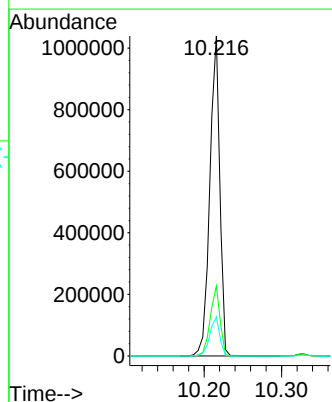
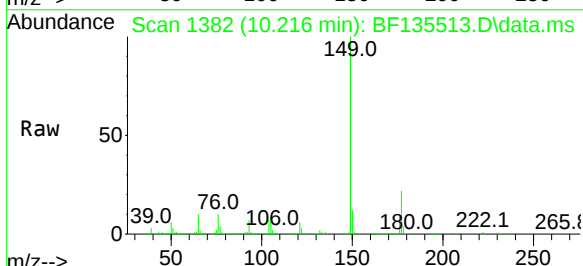
Manual Integrations
APPROVED

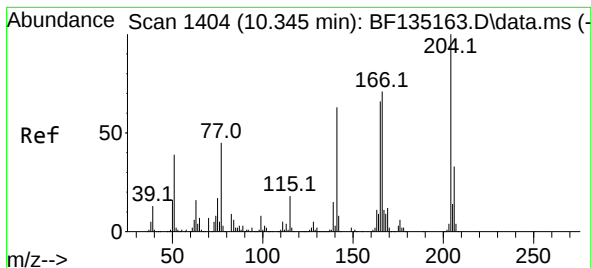
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#60
Diethylphthalate
Concen: 43.002 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

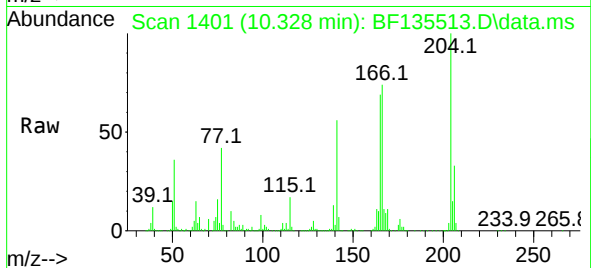
Tgt Ion:149 Resp: 928026
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.835 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

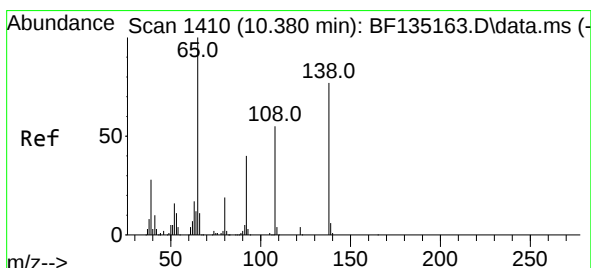
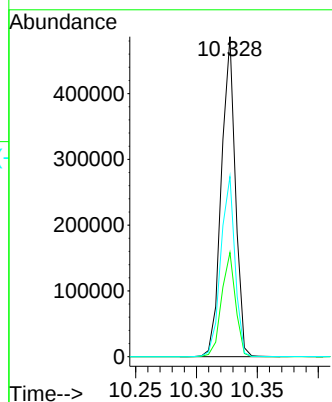
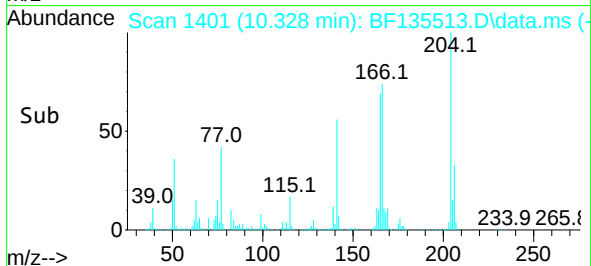
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:204 Resp: 390849
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 56.3 50.6 75.8

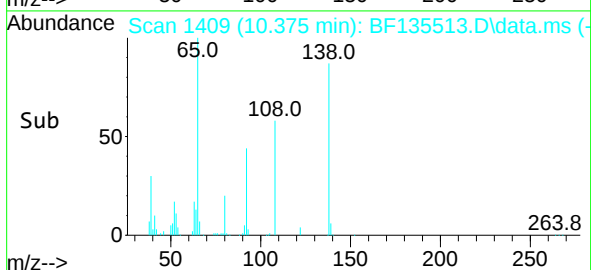
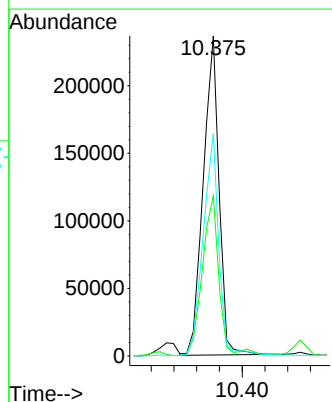
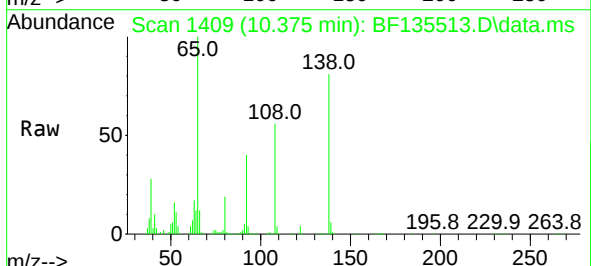
Manual Integrations
APPROVED

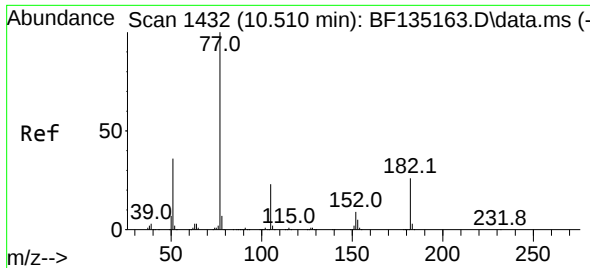
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#62
4-Nitroaniline
Concen: 42.803 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:138 Resp: 227509
Ion Ratio Lower Upper
138 100
92 50.1 31.8 71.8
108 69.5 52.0 92.0





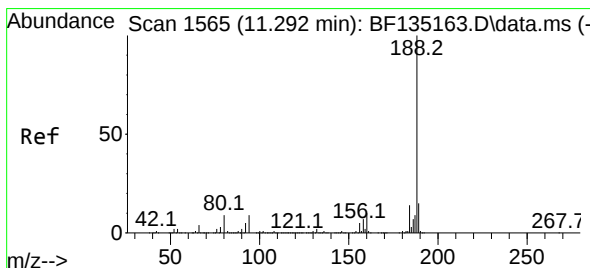
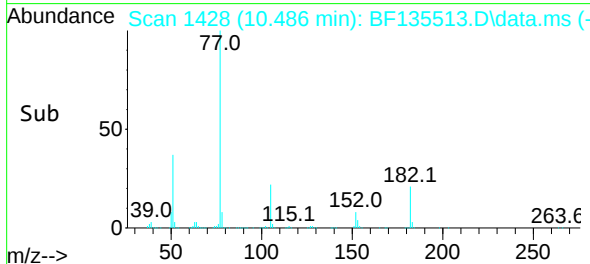
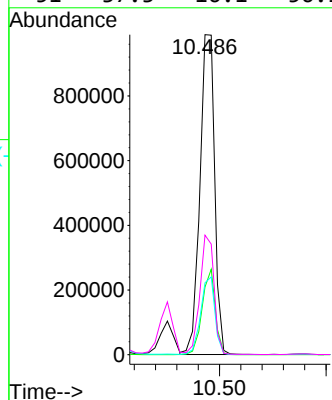
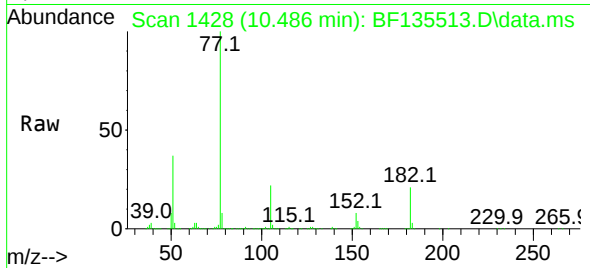
#63
Azobenzene
Concen: 45.218 ng
RT: 10.486 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
PB155781BS

Tgt Ion: 77 Resp: 95504
Ion Ratio Lower Upper
77 100
182 21.2 6.4 46.4
105 22.5 3.1 43.1
51 37.3 16.1 56.1

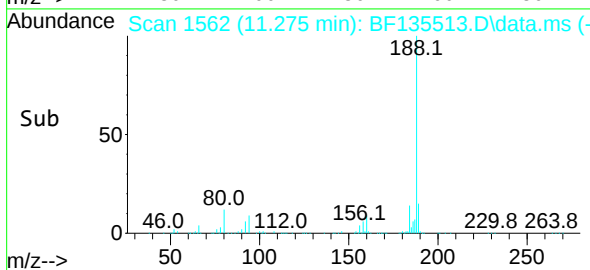
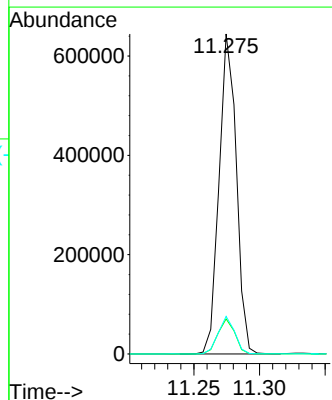
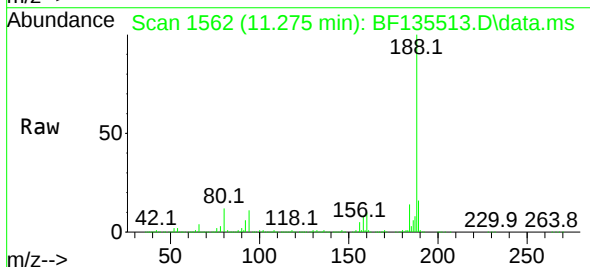
Manual Integrations
APPROVED

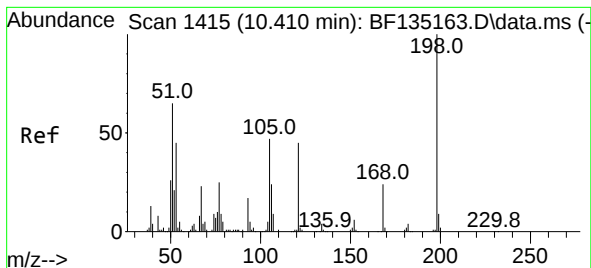
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

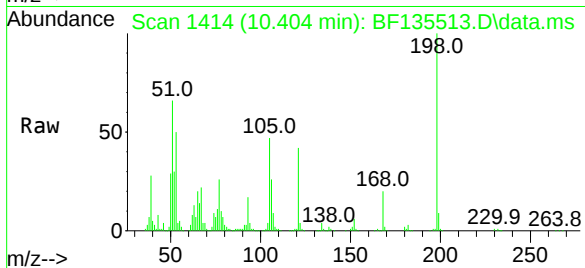
Tgt Ion:188 Resp: 588814
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.8 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 45.067 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

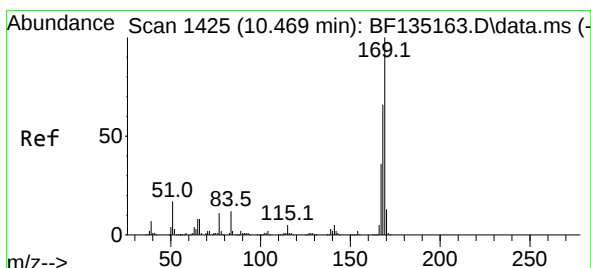
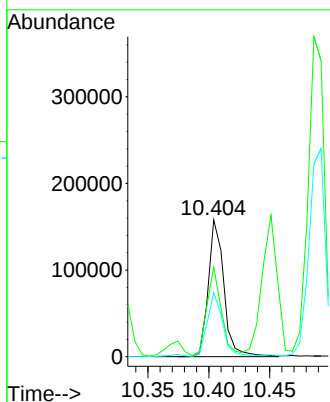
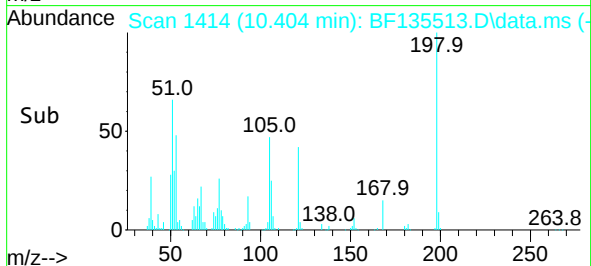
Instrument :
BNA_F
ClientSampleId :
PB155781BS



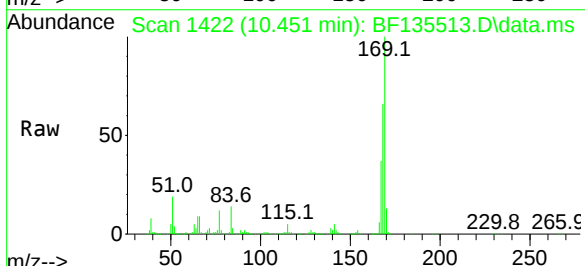
Tgt Ion:198 Resp: 140940
Ion Ratio Lower Upper
198 100
51 65.5 47.7 87.7
105 46.8 27.4 67.4

Manual Integrations
APPROVED

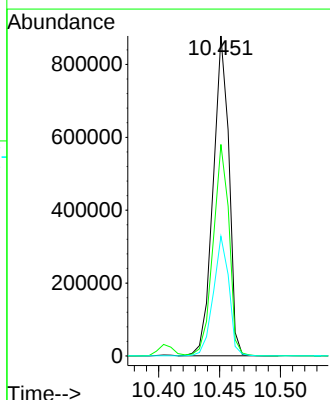
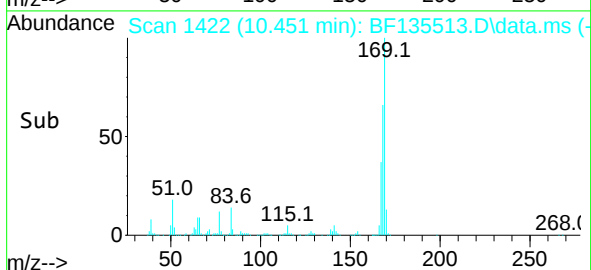
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

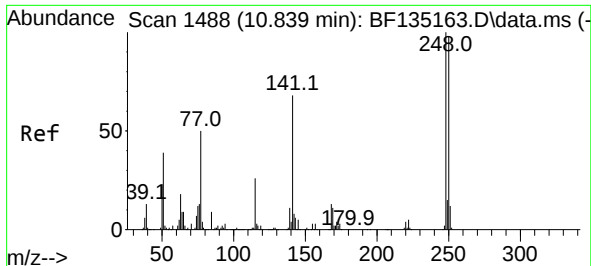


#66
n-Nitrosodiphenylamine
Concen: 44.440 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



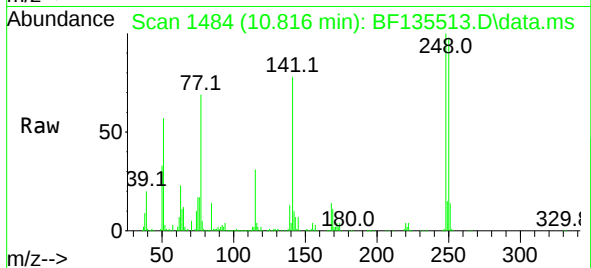
Tgt Ion:169 Resp: 792190
Ion Ratio Lower Upper
169 100
168 66.1 52.8 79.2
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 42.809 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

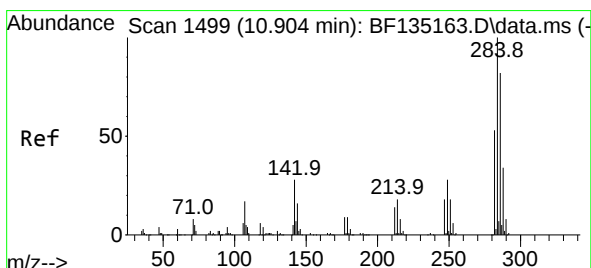
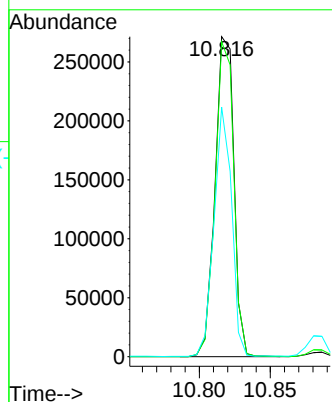
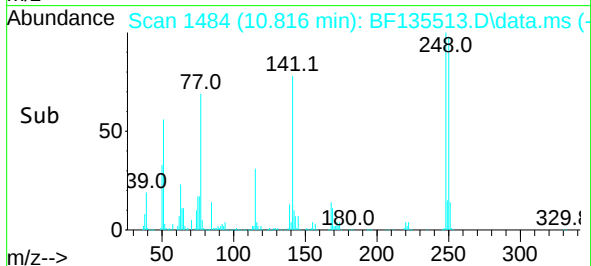
Instrument :
BNA_F
ClientSampleId :
PB155781BS



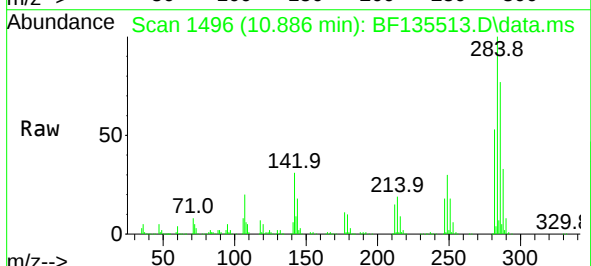
Tgt Ion:248 Resp: 250700
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 78.0 54.2 81.2

Manual Integrations
APPROVED

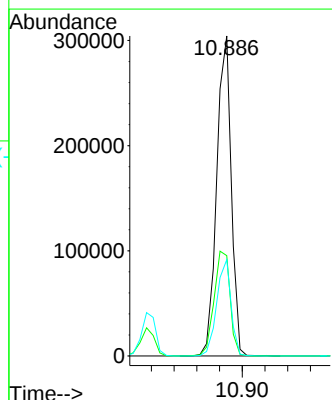
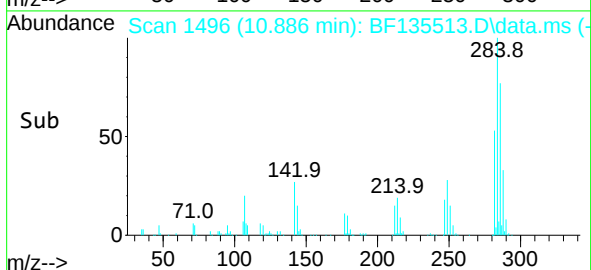
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

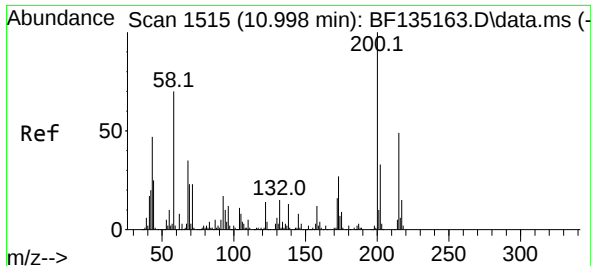


#68
Hexachlorobenzene
Concen: 45.389 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:284 Resp: 270796
Ion Ratio Lower Upper
284 100
142 31.4 22.2 33.4
249 30.1 22.5 33.7





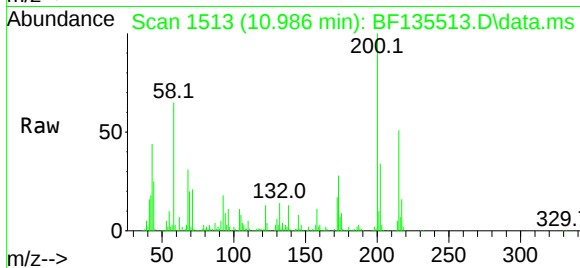
#69
 Atrazine
 Concen: 50.721 ng
 RT: 10.986 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: BF135513.D
 Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

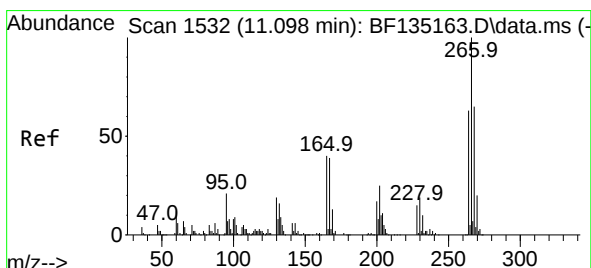
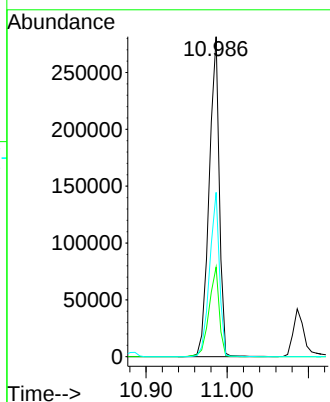
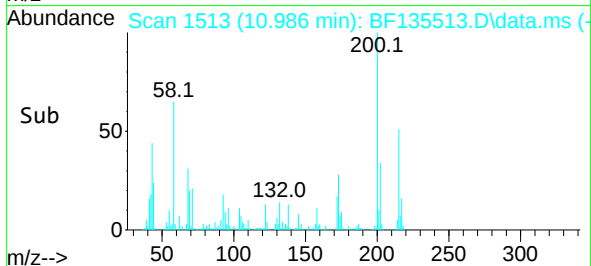


Tgt Ion:200 Resp: 243280
 Ion Ratio Lower Upper
 200 100
 173 28.0 7.4 47.4
 215 51.4 28.6 68.6

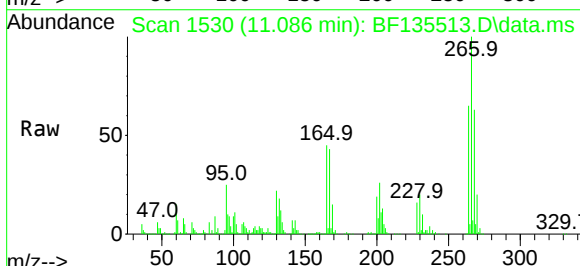
Manual Integrations

APPROVED

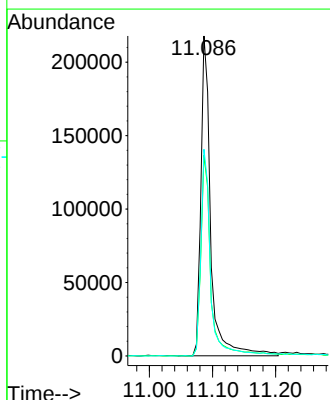
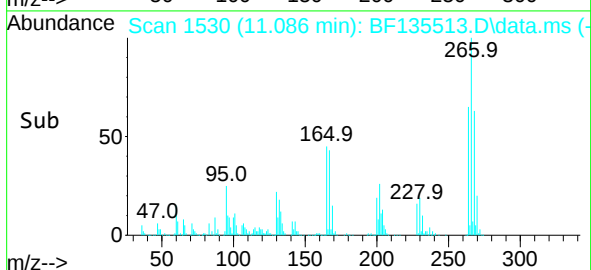
Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

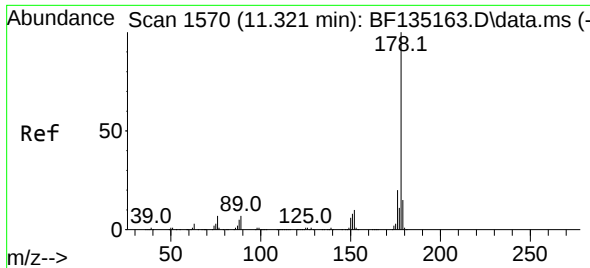


#70
 Pentachlorophenol
 Concen: 65.986 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF135513.D
 Acq: 29 Sep 2023 13:29



Tgt Ion:266 Resp: 235539
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.1 78.1
 264 64.6 50.8 76.2





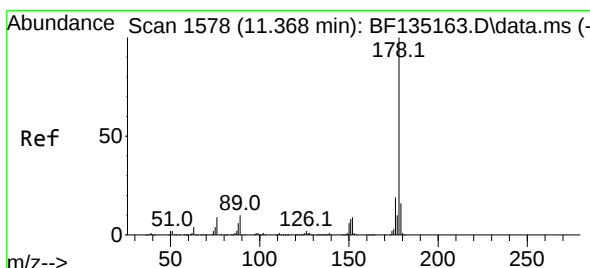
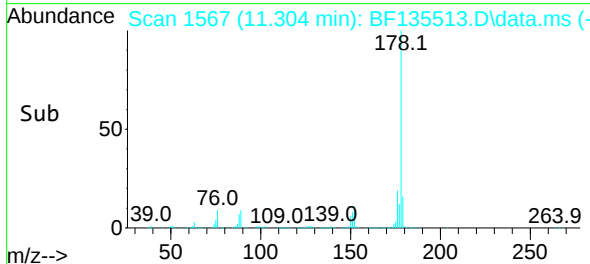
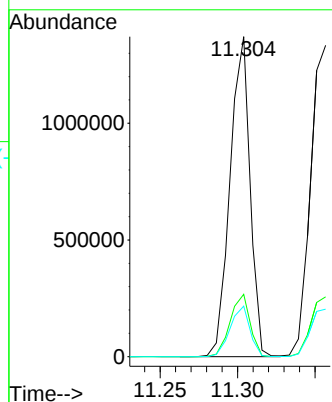
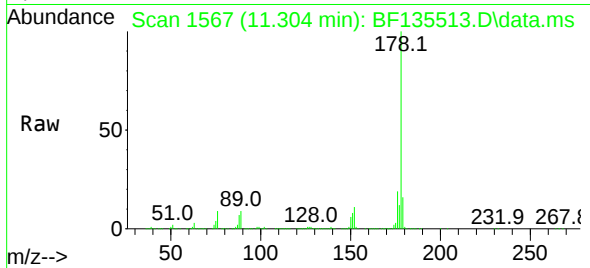
#71
Phenanthrene
Concen: 44.256 ng
RT: 11.304 min Scan# 11570
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
PB155781BS

Tgt Ion:178 Resp: 123246
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.0 18.0

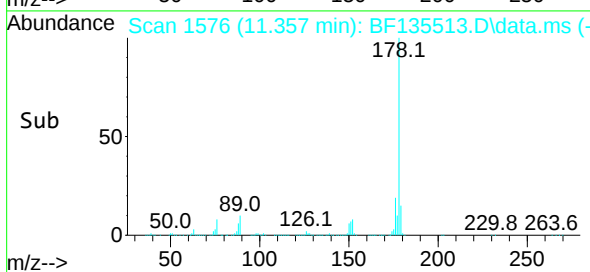
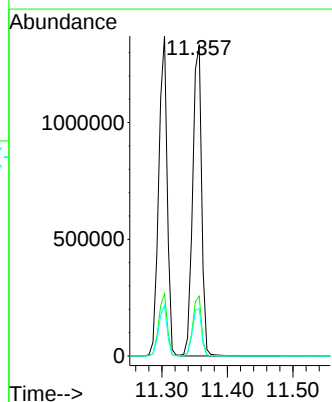
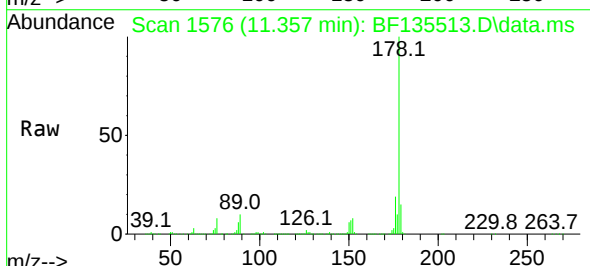
Manual Integrations
APPROVED

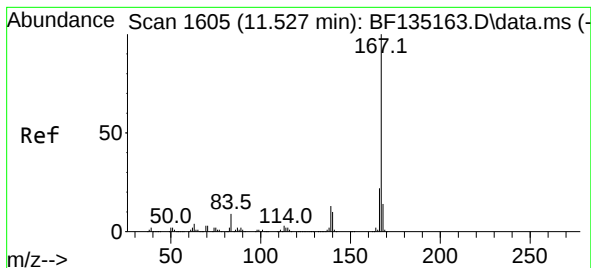
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#72
Anthracene
Concen: 44.164 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:178 Resp: 1264213
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 46.252 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion:167 Resp: 120524

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

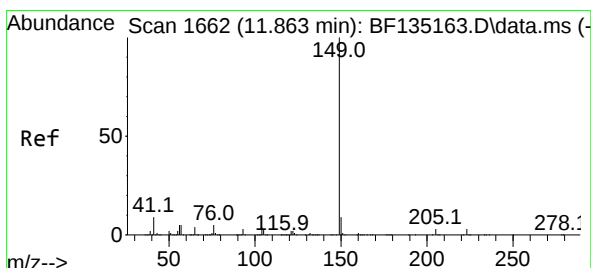
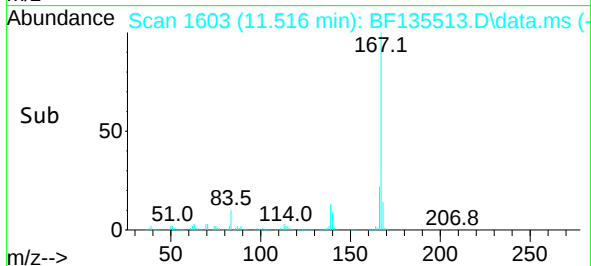
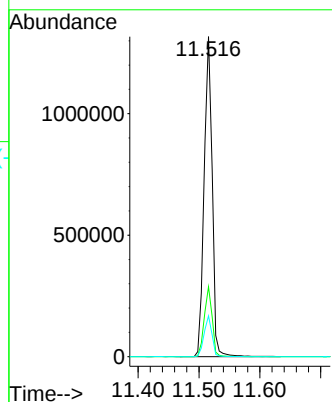
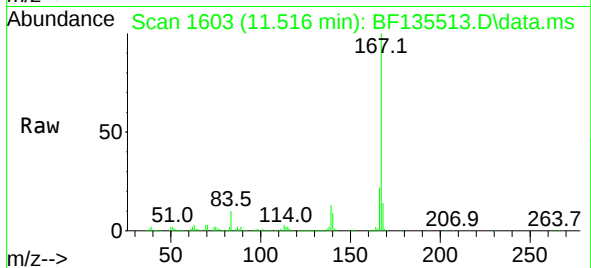
139 12.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#74

Di-n-butylphthalate

Concen: 46.161 ng

RT: 11.845 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

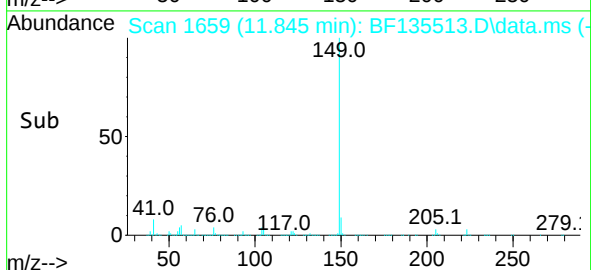
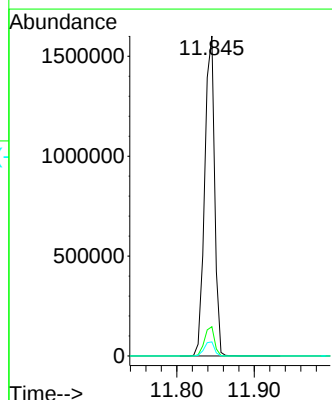
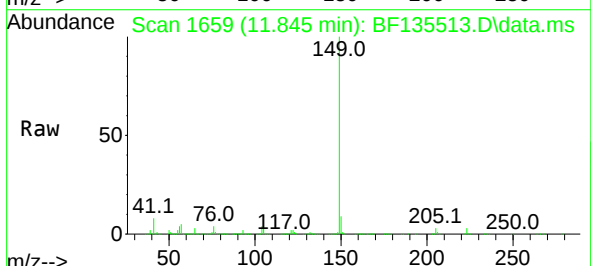
Tgt Ion:149 Resp: 1417395

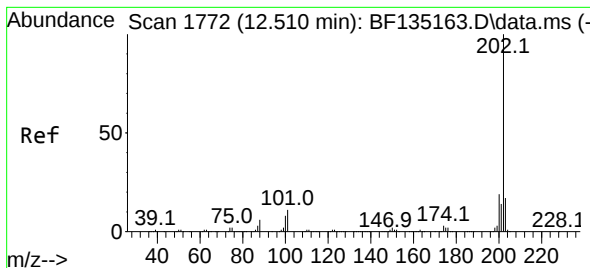
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

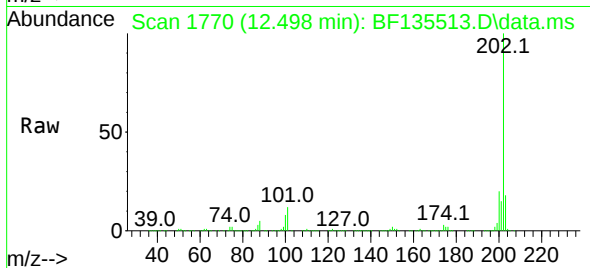
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 44.188 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

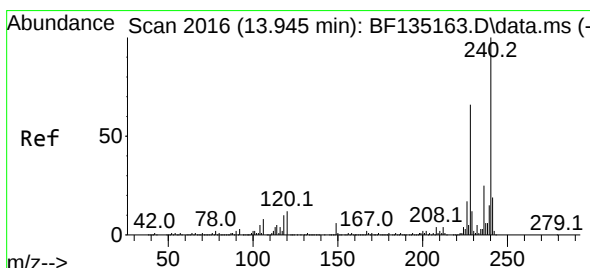
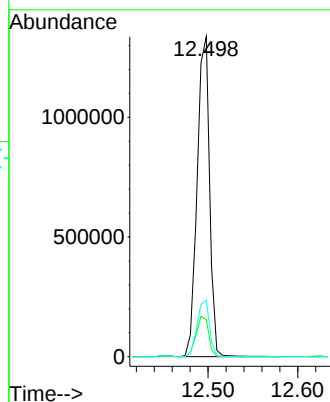
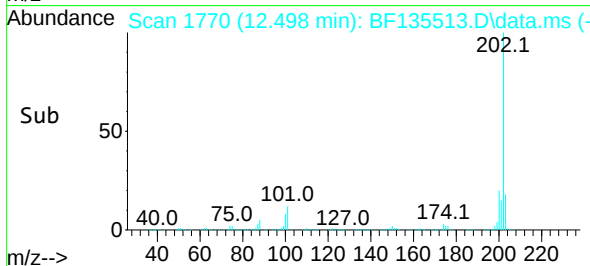
Instrument :
BNA_F
ClientSampleId :
PB155781BS



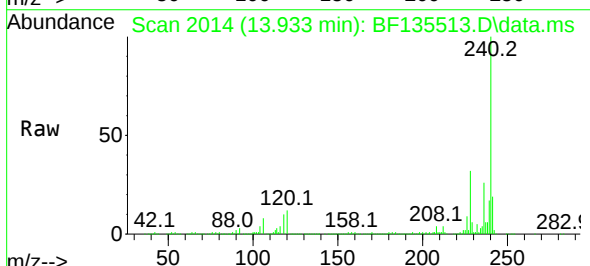
Tgt Ion:202 Resp: 128223
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 17.7 0.0 37.4

Manual Integrations
APPROVED

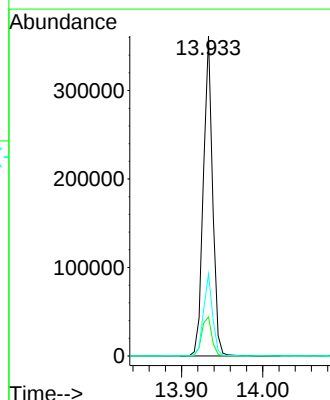
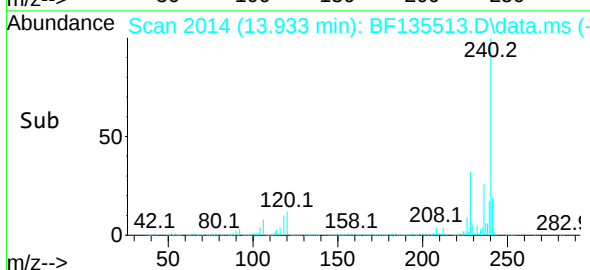
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

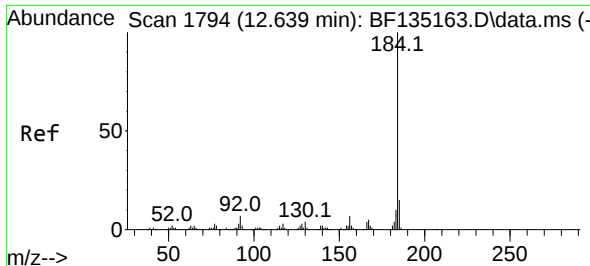


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



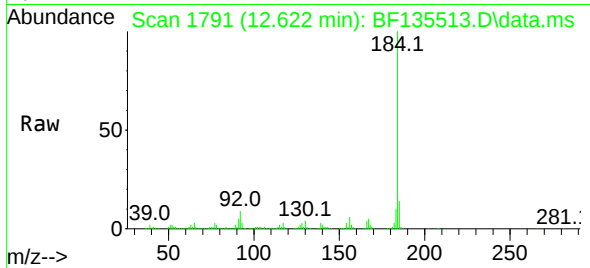
Tgt Ion:240 Resp: 285869
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.7 19.8 29.8





#77
Benzidine
Concen: 80.454 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

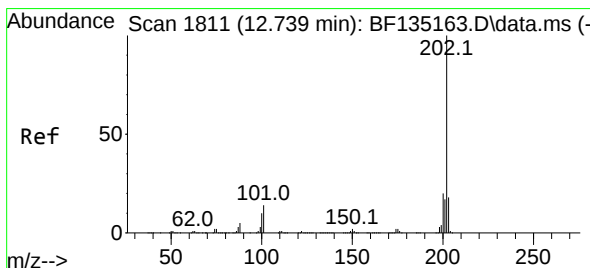
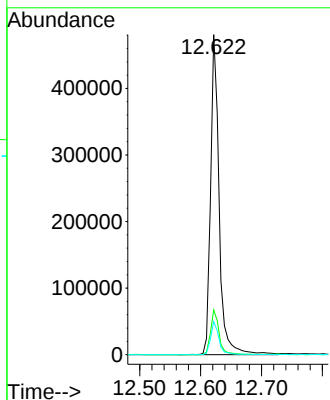
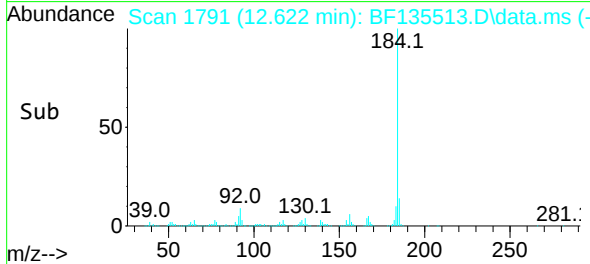
Instrument :
BNA_F
ClientSampleId :
PB155781BS



Tgt Ion:184 Resp: 47118
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.4 8.2 12.4

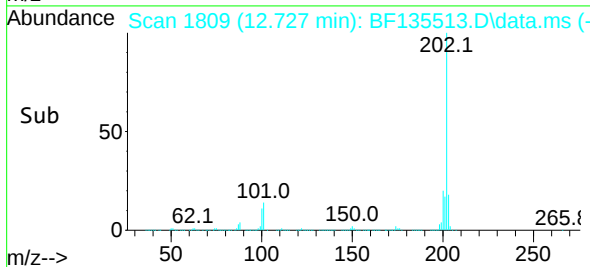
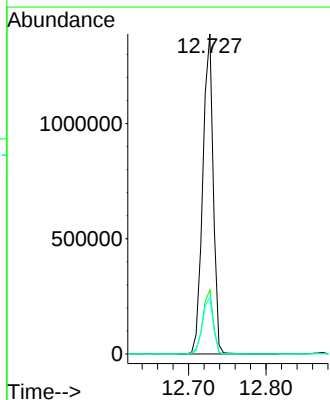
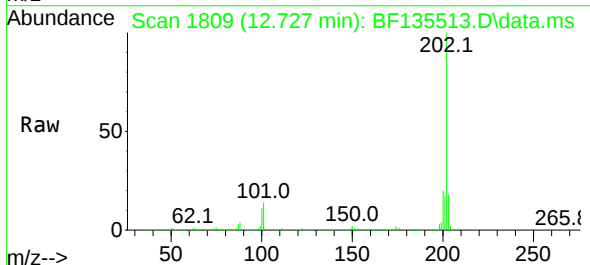
Manual Integrations
APPROVED

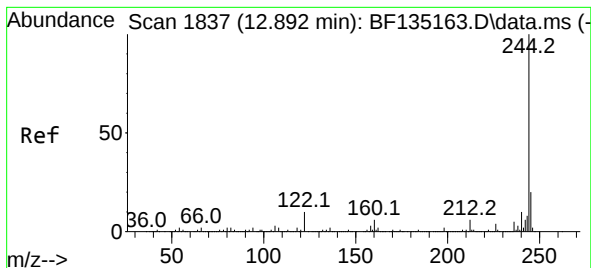
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#78
Pyrene
Concen: 47.645 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:202 Resp: 1296736
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 85.599 ng

RT: 12.874 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135513.D

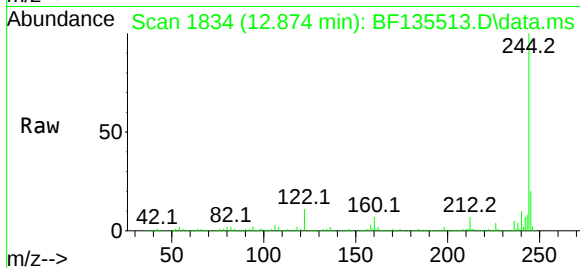
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS



Tgt Ion:244 Resp: 157851

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

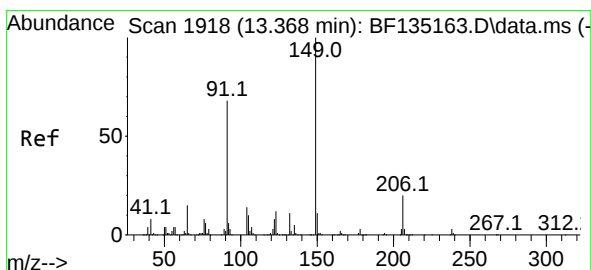
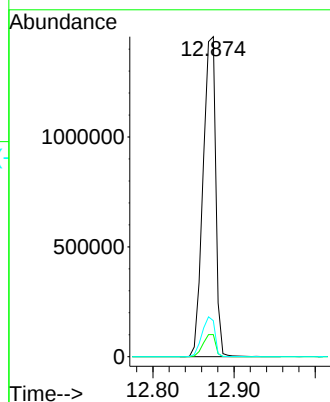
122 11.2 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#80

Butylbenzylphthalate

Concen: 52.454 ng

RT: 13.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

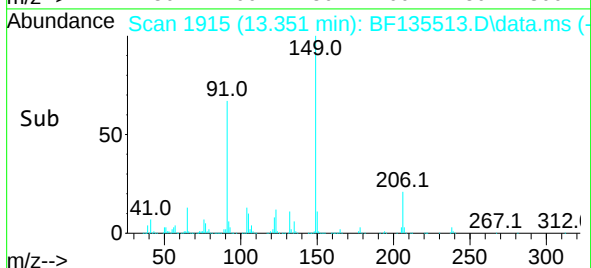
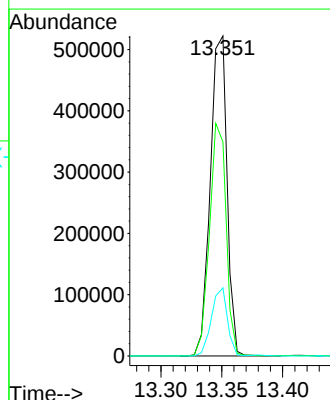
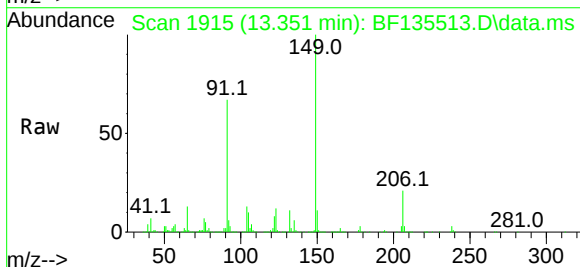
Tgt Ion:149 Resp: 502651

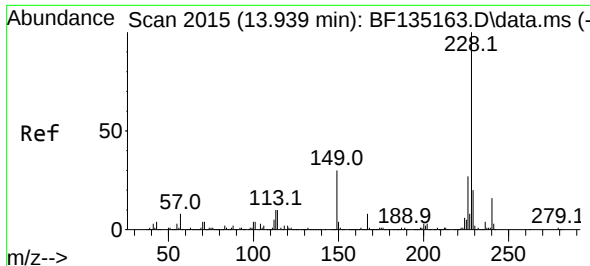
Ion Ratio Lower Upper

149 100

91 66.9 54.7 82.1

206 21.3 16.3 24.5





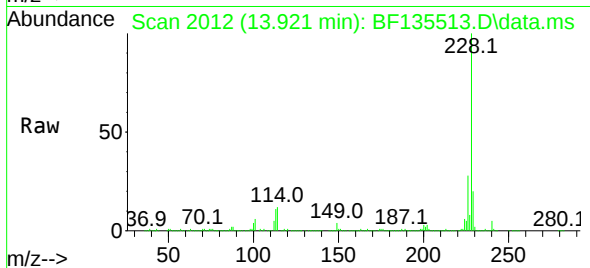
#81
Benzo(a)anthracene
Concen: 46.419 ng
RT: 13.921 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

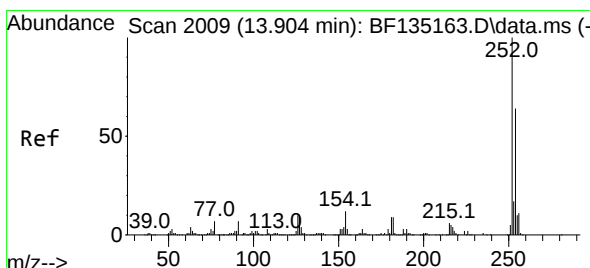
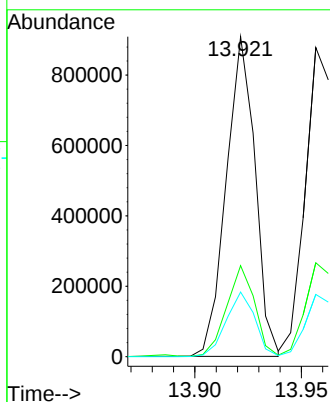
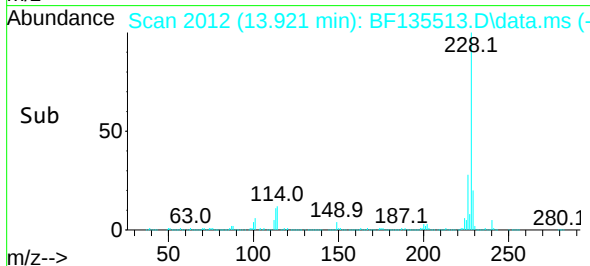


Tgt Ion:228 Resp: 85686
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.2 15.8 23.8

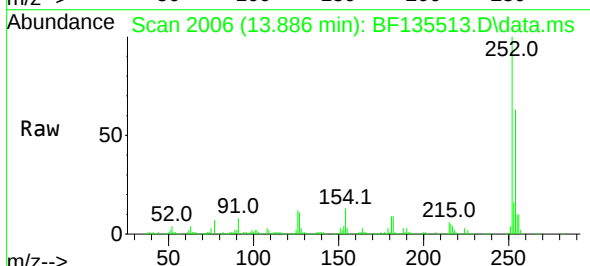
Manual Integrations

APPROVED

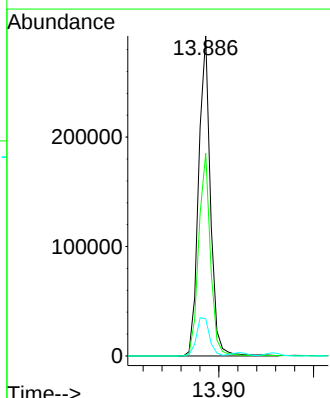
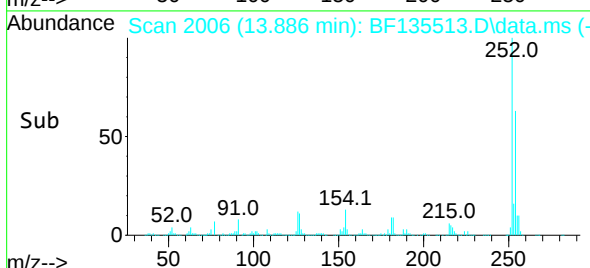
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

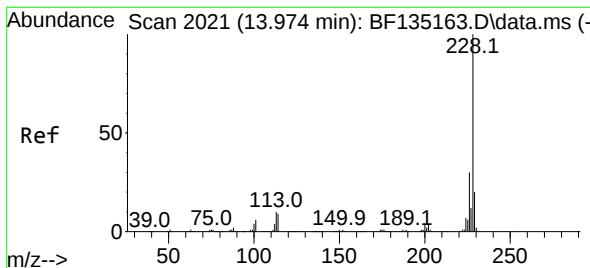


#82
3,3'-Dichlorobenzidine
Concen: 43.937 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:252 Resp: 253336
Ion Ratio Lower Upper
252 100
254 63.3 51.0 76.4
126 11.7 7.8 11.8





#83

Chrysene

Concen: 45.270 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB155781BS

Tgt Ion:228 Resp: 830840

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

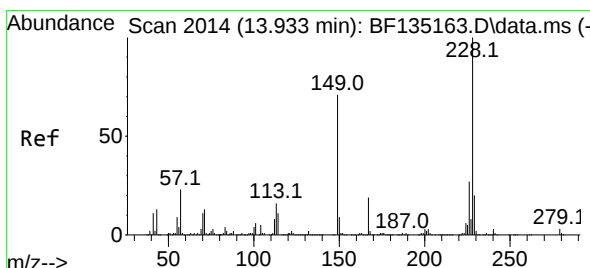
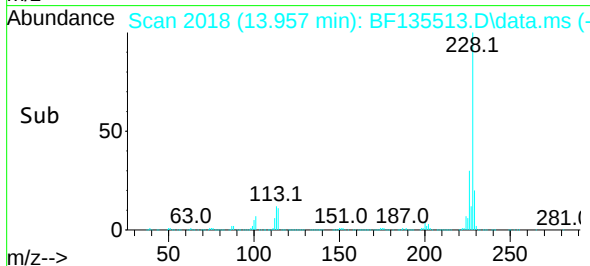
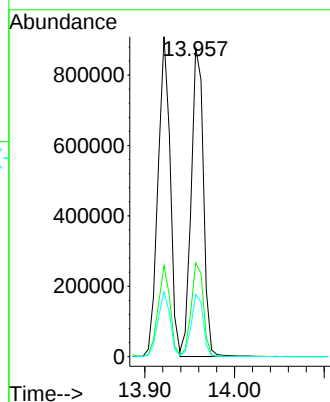
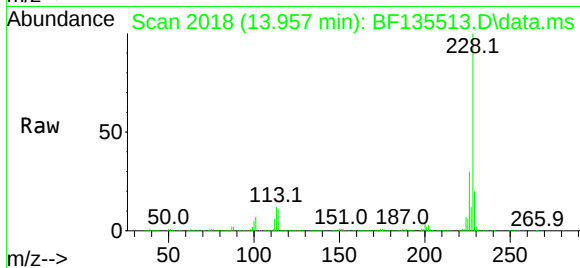
229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.589 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135513.D

Acq: 29 Sep 2023 13:29

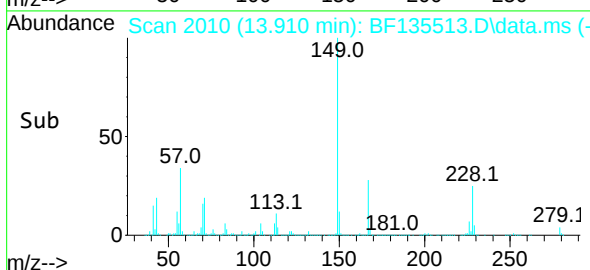
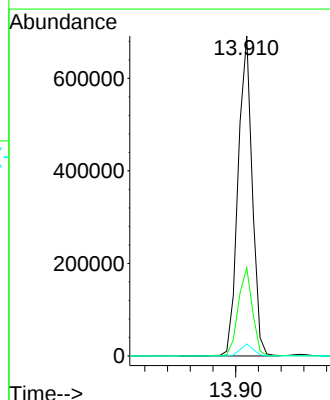
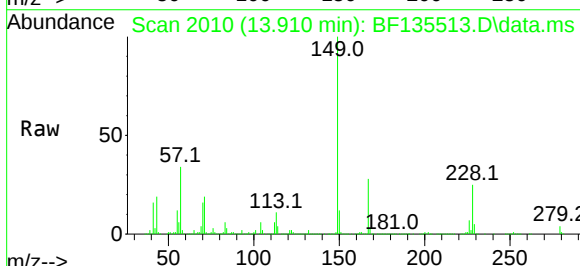
Tgt Ion:149 Resp: 595800

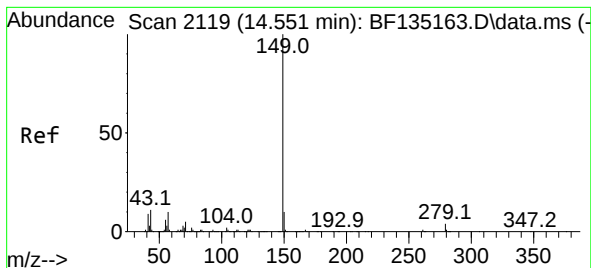
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

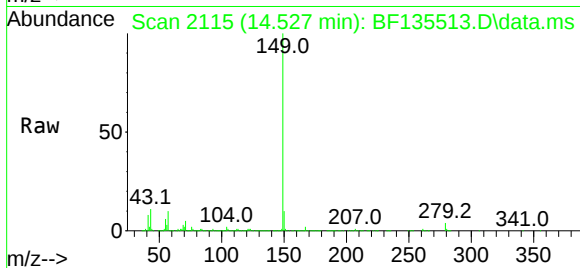
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 55.959 ng
RT: 14.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

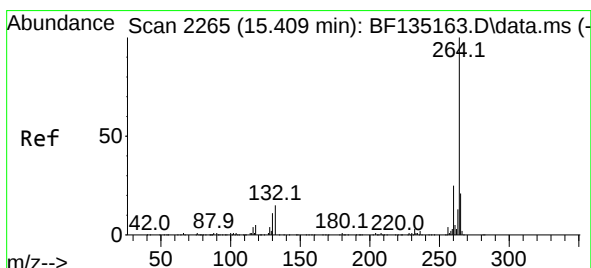
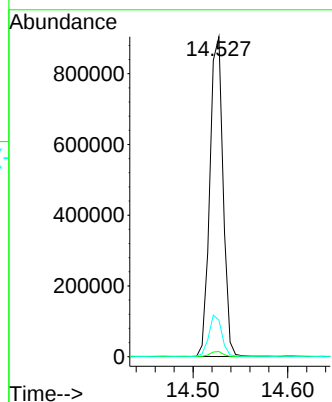
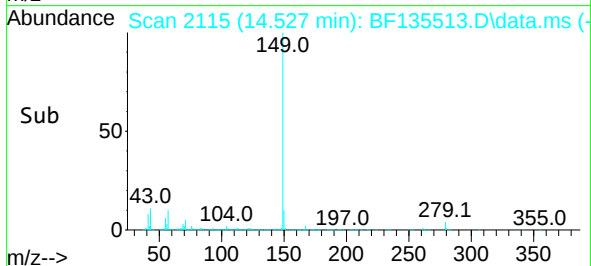
Instrument :
BNA_F
ClientSampleId :
PB155781BS



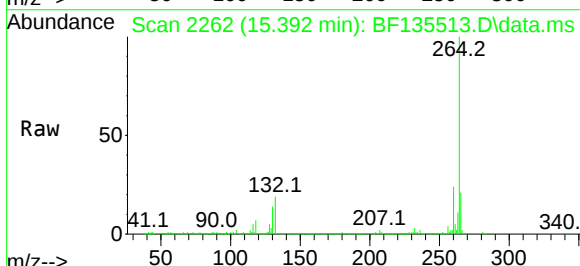
Tgt Ion:149 Resp: 874479
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.4 9.8 14.6

Manual Integrations
APPROVED

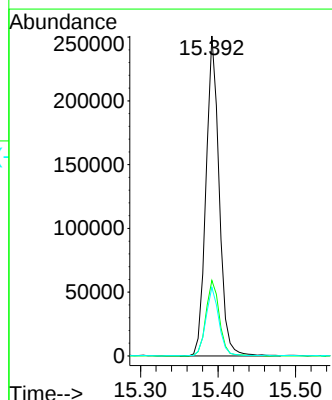
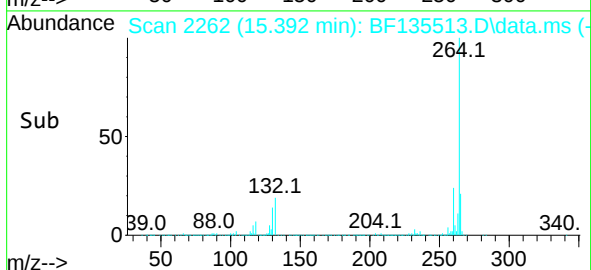
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

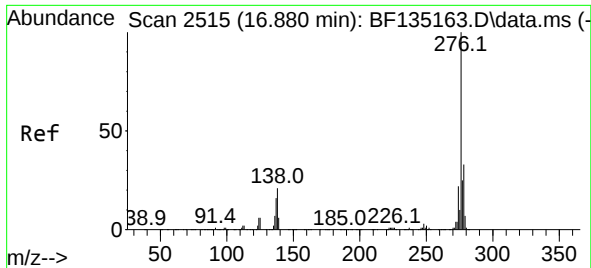


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:264 Resp: 295742
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.6
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.893 ng
RT: 16.880 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

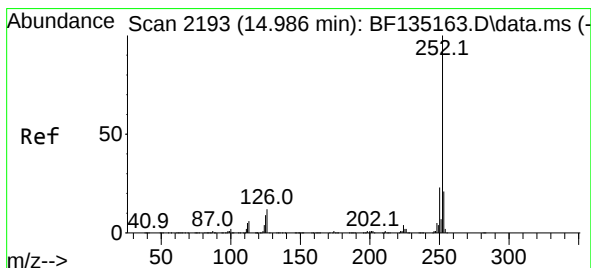
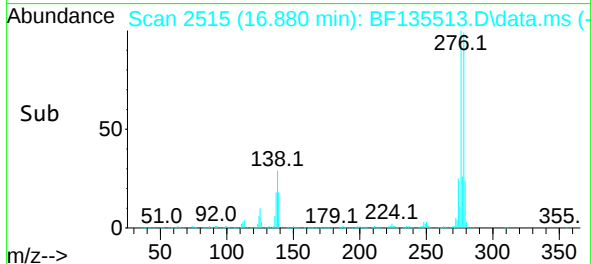
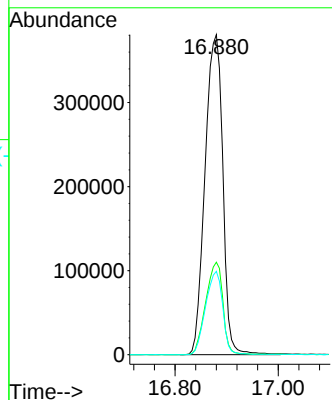
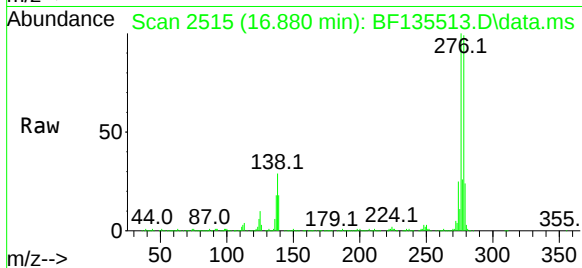
PB155781BS

Tgt Ion:276 Resp: 909290
Ion Ratio Lower Upper
276 100
138 28.0 19.2 28.8
277 25.2 19.7 29.5

Manual Integrations

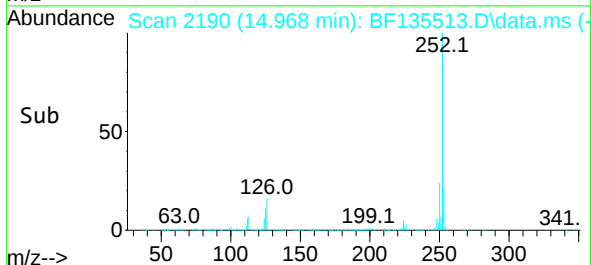
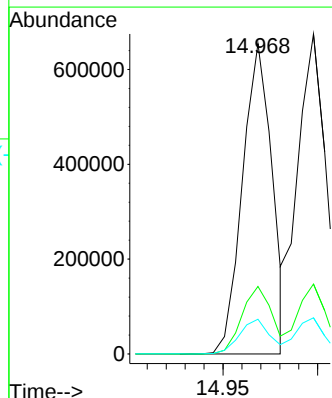
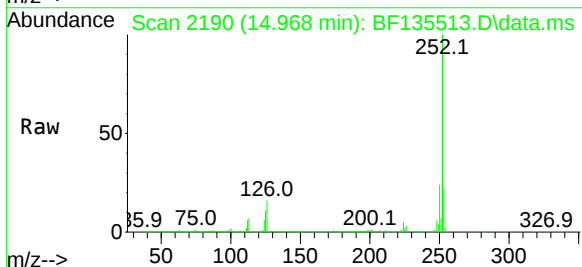
APPROVED

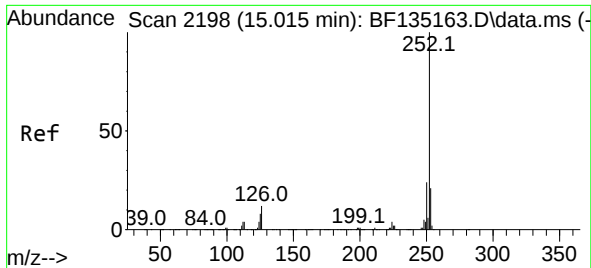
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#88
Benzo(b)fluoranthene
Concen: 44.578 ng
RT: 14.968 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

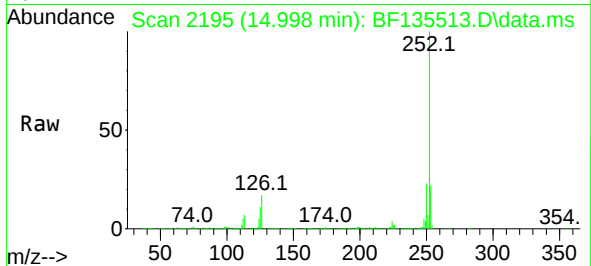
Tgt Ion:252 Resp: 713671
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.2 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 44.739 ng
RT: 14.998 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

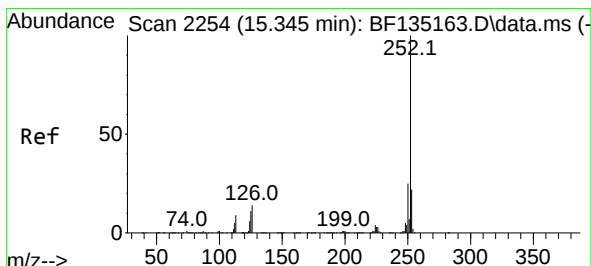
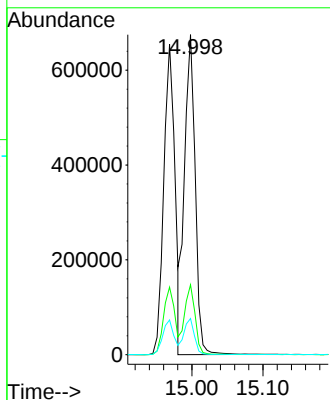
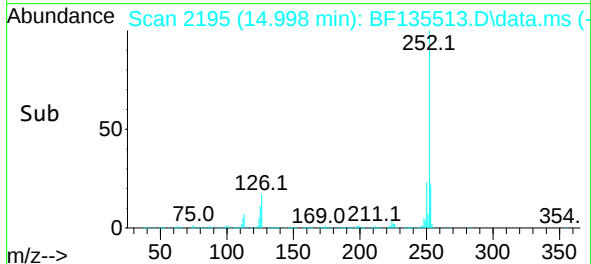
Instrument :
BNA_F
ClientSampleId :
PB155781BS



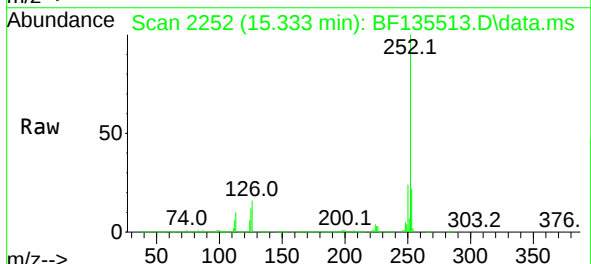
Tgt Ion:252 Resp: 70753
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.3 7.2 10.8

Manual Integrations
APPROVED

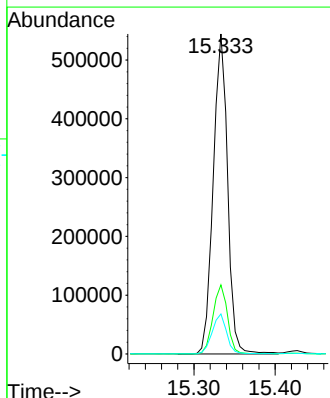
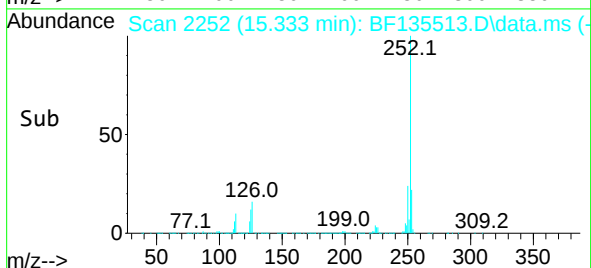
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

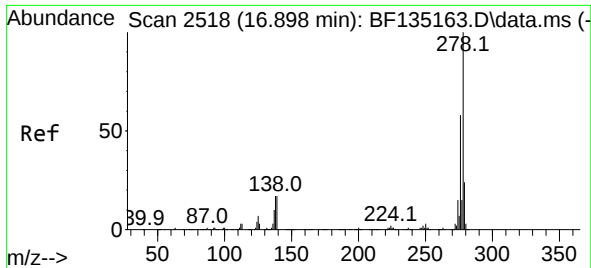


#90
Benzo(a)pyrene
Concen: 43.795 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29



Tgt Ion:252 Resp: 668629
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 12.5 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 46.820 ng
RT: 16.886 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Instrument :

BNA_F

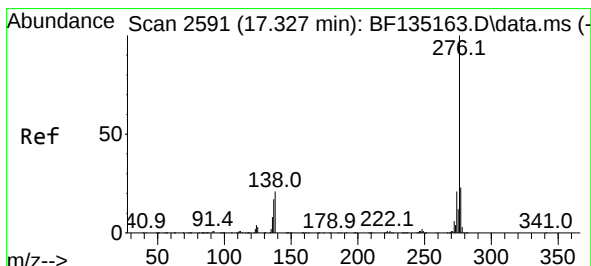
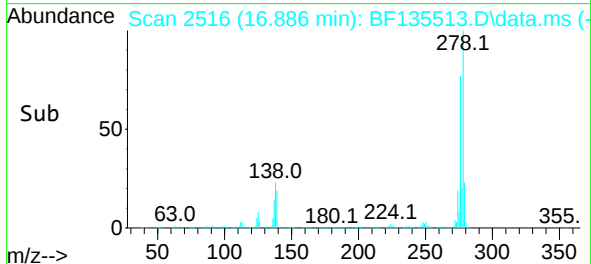
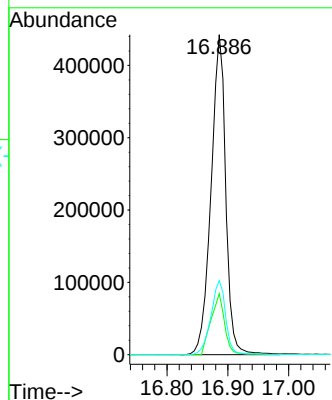
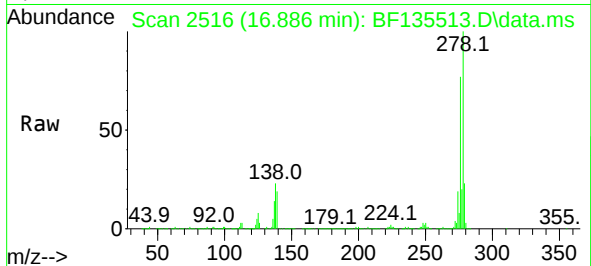
ClientSampleId :

PB155781BS

Tgt Ion:278 Resp: 742845
Ion Ratio Lower Upper
278 100
139 19.0 13.4 20.0
279 23.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#92
Benzo(g,h,i)perylene
Concen: 46.889 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BF135513.D
Acq: 29 Sep 2023 13:29

Tgt Ion:276 Resp: 776941
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 24.4 16.9 25.3

