

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135600.D
 Acq On : 05 Oct 2023 15:24
 Operator : CG\JU
 Sample : PB156098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 03:33:19 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 04 17:06:20 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	148349	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	564094	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	292182	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	566386	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	316760	20.000	ng	0.00
86) Perylene-d12	15.392	264	281790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1158763	127.043	ng	0.02
7) Phenol-d6	6.398	99	1413530	121.878	ng	0.01
23) Nitrobenzene-d5	7.310	82	938429	90.383	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	345582	119.019	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1539388	79.488	ng	0.00
79) Terphenyl-d14	12.869	244	1680539	82.244	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	162195	40.564	ng	94
3) Pyridine	3.293	79	409950	38.094	ng	95
4) n-Nitrosodimethylamine	3.240	42	270619	47.389	ng	97
6) Aniline	6.410	93	475689	31.277	ng	# 14
8) 2-Chlorophenol	6.528	128	467952	48.060	ng	99
9) Benzaldehyde	6.298	77	100708	15.242	ng	98
10) Phenol	6.410	94	533880	41.980	ng	84
11) bis(2-Chloroethyl)ether	6.481	93	467543	49.011	ng	98
12) 1,3-Dichlorobenzene	6.681	146	447699	45.243	ng	98
13) 1,4-Dichlorobenzene	6.757	146	457319	45.425	ng	97
14) 1,2-Dichlorobenzene	6.904	146	416278	44.525	ng	97
15) Benzyl Alcohol	6.893	79	378580	45.489	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	792692	44.084	ng	65
17) 2-Methylphenol	7.010	107	349870	40.719	ng	# 92
18) Hexachloroethane	7.240	117	172891	46.478	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	298232	41.515	ng	94
20) 3+4-Methylphenols	7.163	107	446771	43.242	ng	# 74
22) Acetophenone	7.151	105	582581	45.173	ng	92
24) Nitrobenzene	7.328	77	486853	47.441	ng	98
25) Isophorone	7.563	82	900688	47.241	ng	97
26) 2-Nitrophenol	7.640	139	241250	48.981	ng	99
27) 2,4-Dimethylphenol	7.687	122	355724	42.967	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	556781	48.792	ng	99
29) 2,4-Dichlorophenol	7.887	162	374970	48.879	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	372560	46.463	ng	100
31) Naphthalene	8.040	128	1236133	45.102	ng	99
32) Benzoic acid	7.840	122	294852	47.296	ng	98
33) 4-Chloroaniline	8.098	127	344193	28.623	ng	99
34) Hexachlorobutadiene	8.151	225	214565	44.378	ng	99
35) Caprolactam	8.481	113	124478m	48.347	ng	
36) 4-Chloro-3-methylphenol	8.598	107	402780	47.240	ng	96
37) 2-Methylnaphthalene	8.734	142	780679	42.374	ng	100
38) 1-Methylnaphthalene	8.834	142	751663	43.578	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	363471	42.939	ng	99
41) Hexachlorocyclopentadiene	8.881	237	196280	55.151	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	250152	45.136	ng	98

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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 03:33:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	262551	41.136	ng	96
46) 1,1'-Biphenyl	9.198	154	989342	44.061	ng	98
47) 2-Chloronaphthalene	9.228	162	748381	45.937	ng	99
48) 2-Nitroaniline	9.334	65	303585	47.966	ng	97
49) Acenaphthylene	9.639	152	1201645	44.382	ng	99
50) Dimethylphthalate	9.510	163	902330	45.677	ng	99
51) 2,6-Dinitrotoluene	9.581	165	203031	46.916	ng	# 83
52) Acenaphthene	9.810	154	704167	44.025	ng	98
53) 3-Nitroaniline	9.751	138	186610	36.736	ng	92
54) 2,4-Dinitrophenol	9.869	184	212435	85.965	ng	93
55) Dibenzofuran	9.986	168	1015371	41.601	ng	98
56) 4-Nitrophenol	9.939	139	271352	84.049	ng	93
57) 2,4-Dinitrotoluene	9.992	165	236707	43.691	ng	96
58) Fluorene	10.333	166	819229	43.661	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	223643	45.551	ng	98
60) Diethylphthalate	10.210	149	910268	45.914	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	377413	41.872	ng	97
62) 4-Nitroaniline	10.375	138	224734	46.024	ng	98
63) Azobenzene	10.486	77	919154	47.372	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	145123	48.242	ng	94
66) n-Nitrosodiphenylamine	10.445	169	777245	45.328	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	247906	44.009	ng	97
68) Hexachlorobenzene	10.881	284	265999	46.350	ng	95
69) Atrazine	10.980	200	244087	52.904	ng	96
70) Pentachlorophenol	11.086	266	235412	68.562	ng	97
71) Phenanthrene	11.298	178	1221765	45.609	ng	98
72) Anthracene	11.351	178	1242711	45.132	ng	100
73) Carbazole	11.510	167	1226416	48.928	ng	99
74) Di-n-butylphthalate	11.839	149	1450562	49.112	ng	99
75) Fluoranthene	12.492	202	1336136	47.869	ng	98
77) Benzidine	12.622	184	452260	69.692	ng	100
78) Pyrene	12.722	202	1363869	45.224	ng	100
80) Butylbenzylphthalate	13.345	149	584661	55.063	ng	96
81) Benzo(a)anthracene	13.921	228	983706	48.093	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	291430	45.615	ng	98
83) Chrysene	13.957	228	931044	45.783	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	742337	68.129	ng	# 99
85) Di-n-octyl phthalate	14.521	149	1066127	61.569	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	925556	50.095	ng	97
88) Benzo(b)fluoranthene	14.968	252	799571	52.416	ng	# 98
89) Benzo(k)fluoranthene	14.998	252	670577	44.502	ng	# 97
90) Benzo(a)pyrene	15.333	252	673968	46.330	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	761365	50.364	ng	99
92) Benzo(g,h,i)perylene	17.333	276	804484	50.955	ng	98

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

Manual Integrations APPROVED

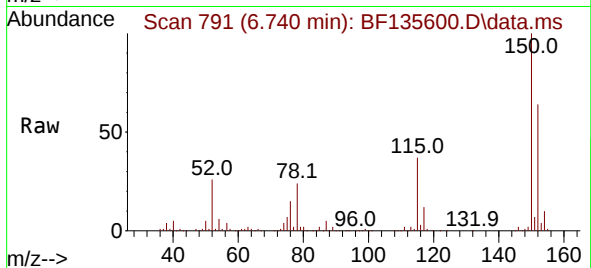
Quant Time: Oct 06 03:33:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

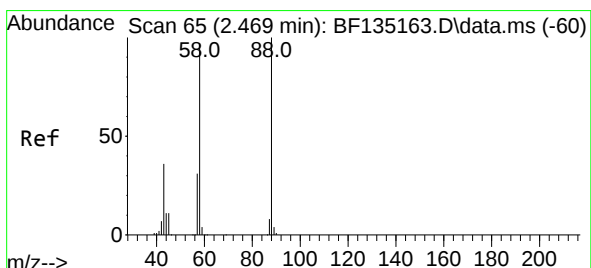
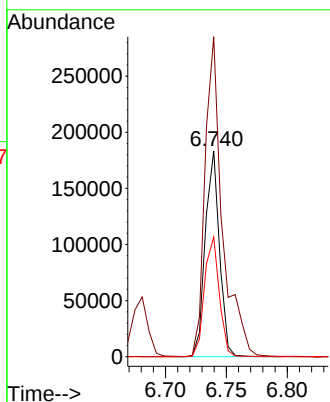
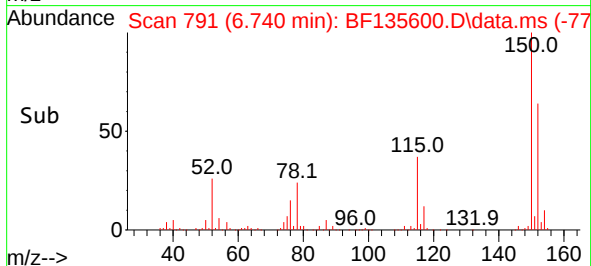
Instrument :
BNA_F
ClientSampleId :
PB156098BS



Tgt Ion:152 Resp: 148349
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 58.2 49.8 74.8

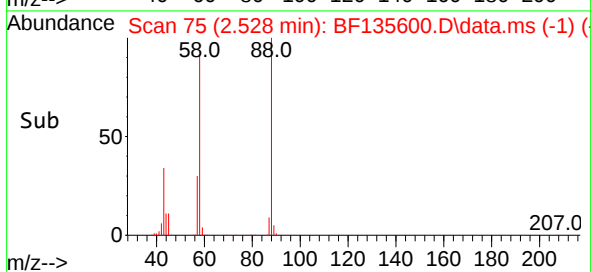
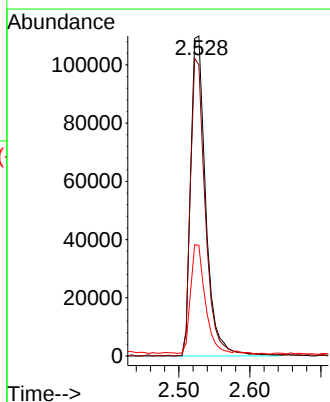
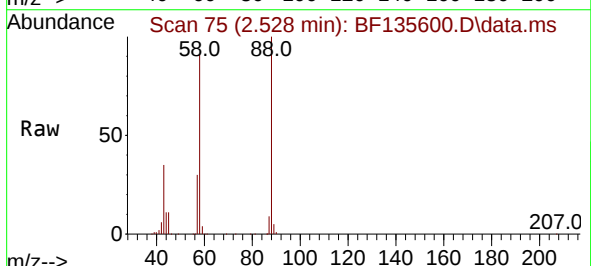
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#2
1,4-Dioxane
Concen: 40.564 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.106 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion: 88 Resp: 162195
Ion Ratio Lower Upper
88 100
58 92.1 78.3 117.5
43 32.7 29.4 44.0





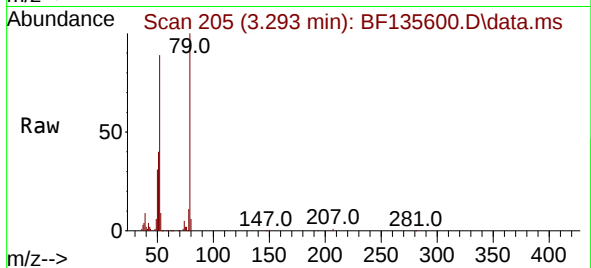
#3
Pyridine
Concen: 38.094 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.130 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

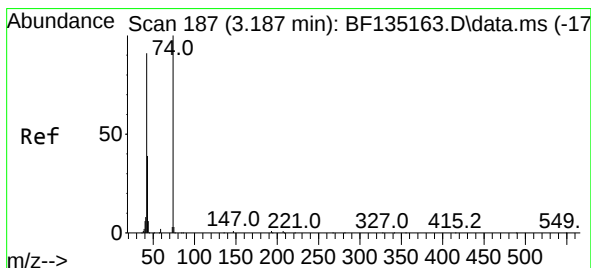
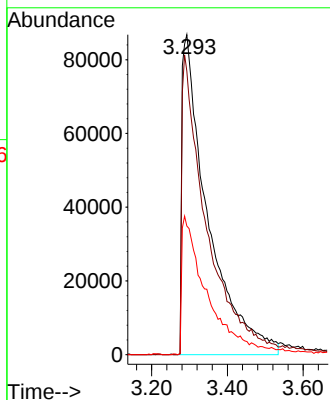
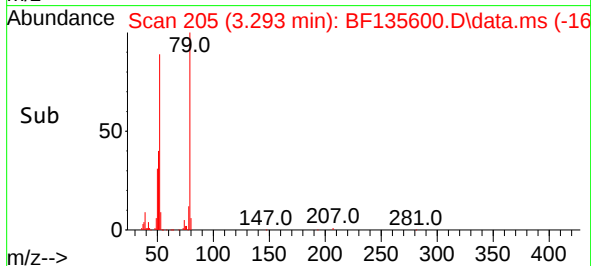
PB156098BS



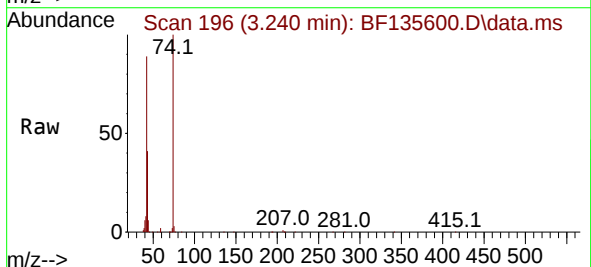
Tgt Ion: 79 Resp: 409950
Ion Ratio Lower Upper
79 100
52 88.6 74.1 111.1
51 40.2 35.8 53.8

Manual Integrations
APPROVED

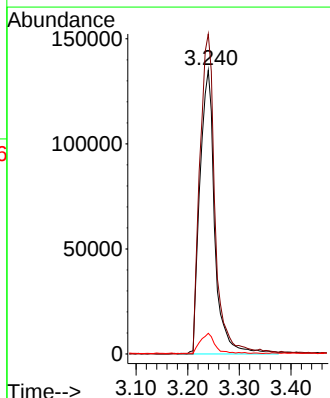
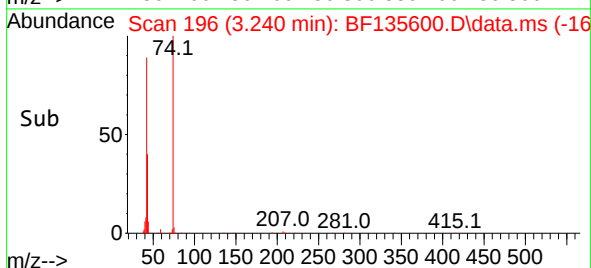
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#4
n-Nitrosodimethylamine
Concen: 47.389 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.106 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion: 42 Resp: 270619
Ion Ratio Lower Upper
42 100
74 112.8 87.7 131.5
44 7.3 5.6 8.4





#5
2-Fluorophenol
Concen: 127.043 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

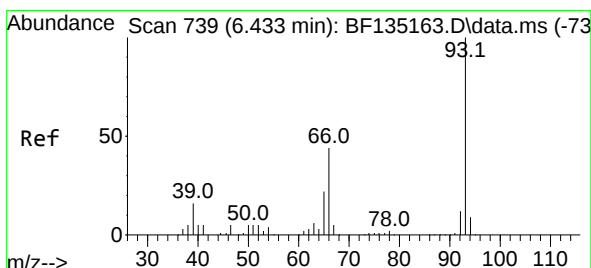
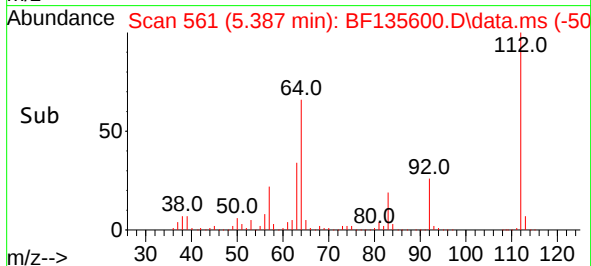
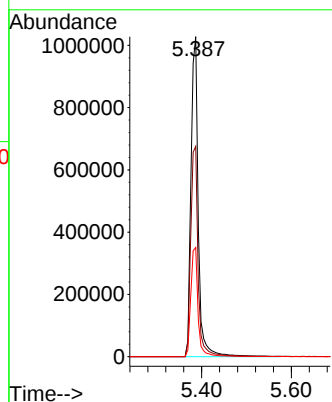
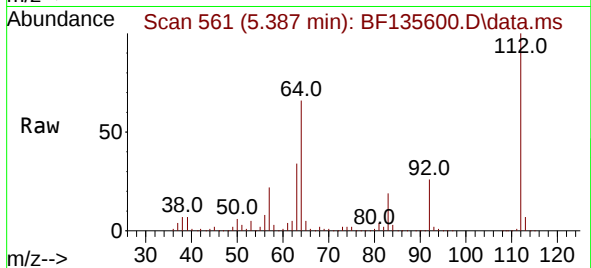
PB156098BS

Tgt Ion:112 Resp: 115876
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 34.1 29.0 43.6

Manual Integrations

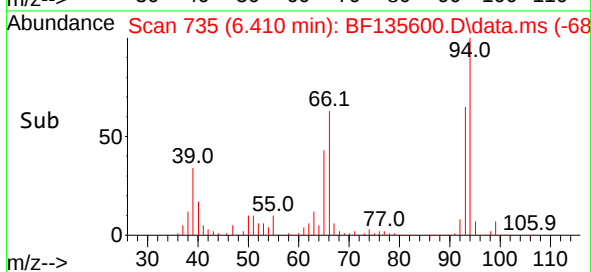
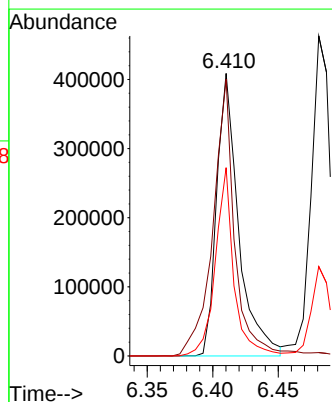
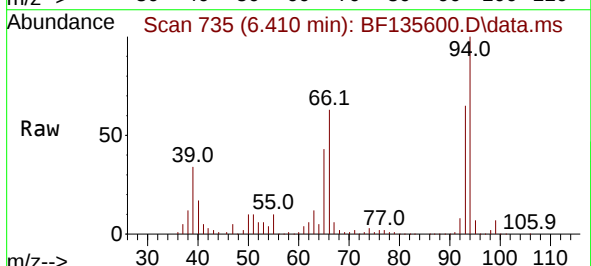
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#6
Aniline
Concen: 31.277 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

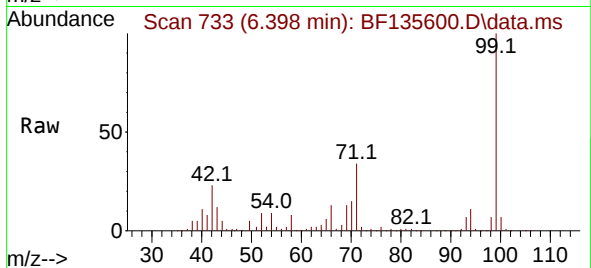
Tgt Ion: 93 Resp: 475689
Ion Ratio Lower Upper
93 100
66 98.0 35.4 53.0#
65 66.6 17.8 26.8#





#7
Phenol-d6
Concen: 121.878 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

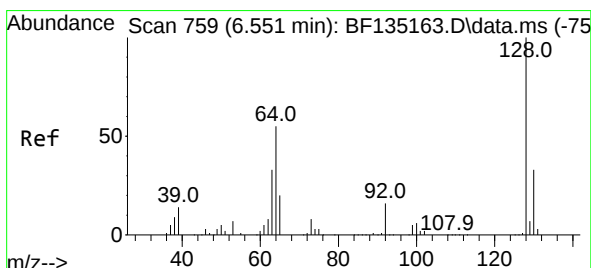
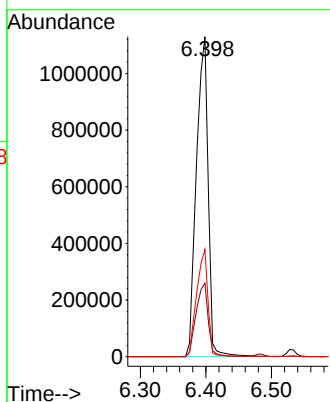
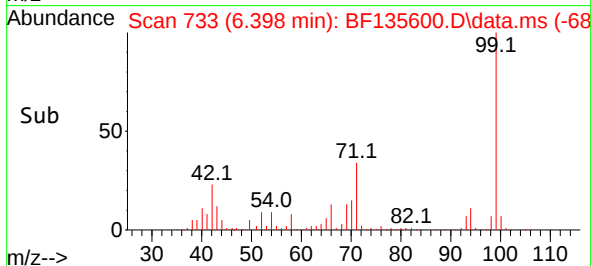
Instrument :
BNA_F
ClientSampleId :
PB156098BS



Tgt Ion: 99 Resp: 1413530
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 33.6 27.0 40.6

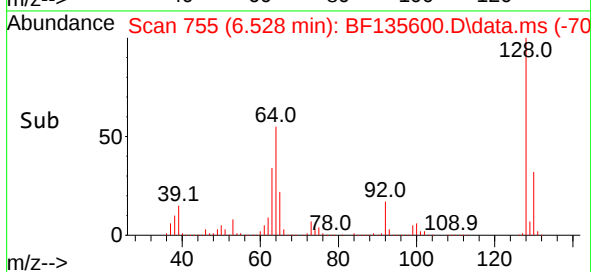
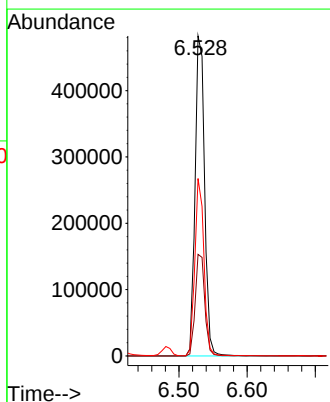
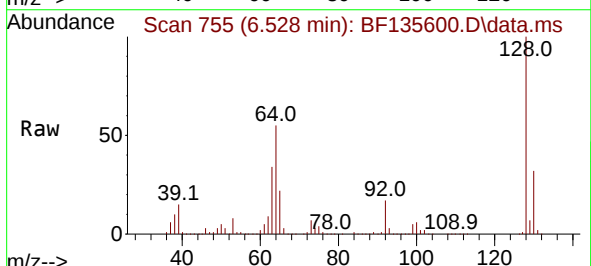
Manual Integrations
APPROVED

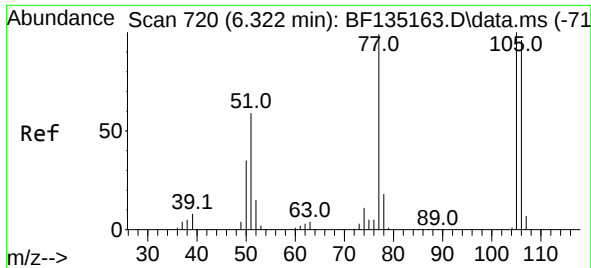
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#8
2-Chlorophenol
Concen: 48.060 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:128 Resp: 467952
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 55.5 35.9 75.9





#9

Benzaldehyde

Concen: 15.242 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Tgt Ion: 77 Resp: 100708

Ion Ratio Lower Upper

77 100

105 97.5 81.4 121.4

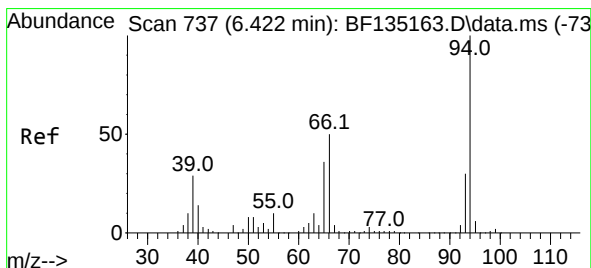
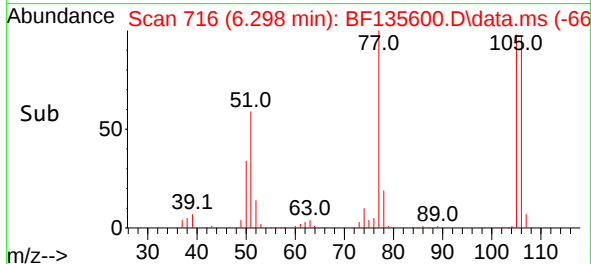
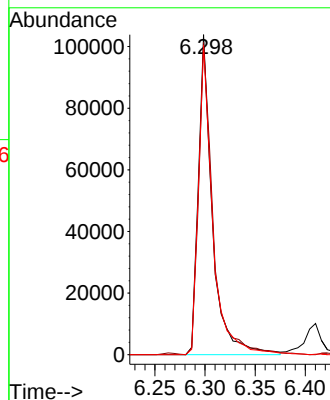
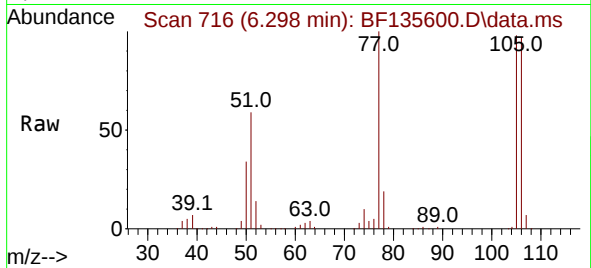
106 96.8 76.9 116.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#10

Phenol

Concen: 41.980 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

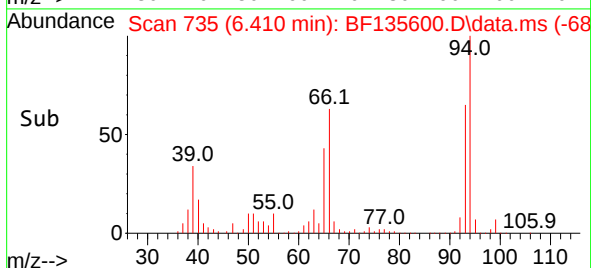
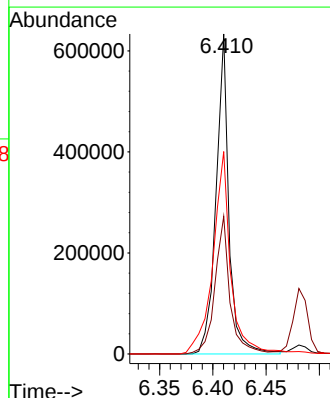
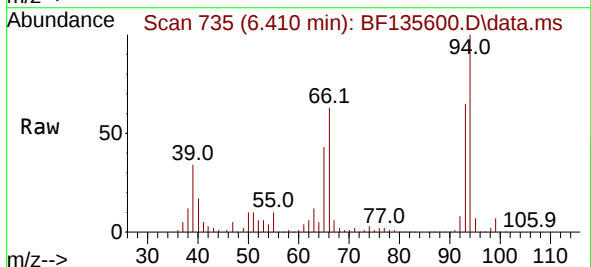
Tgt Ion: 94 Resp: 533880

Ion Ratio Lower Upper

94 100

65 43.0 15.9 55.9

66 63.2 29.8 69.8





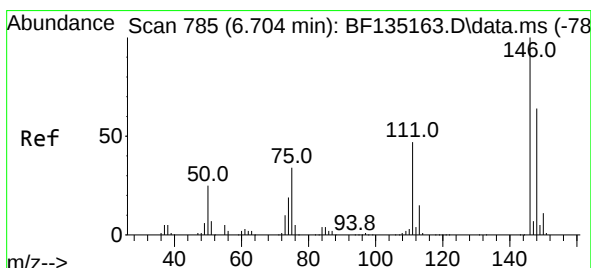
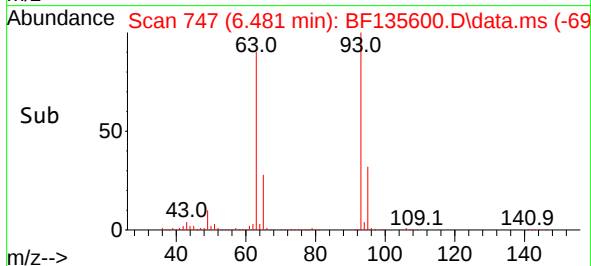
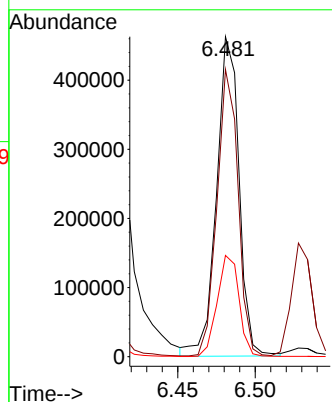
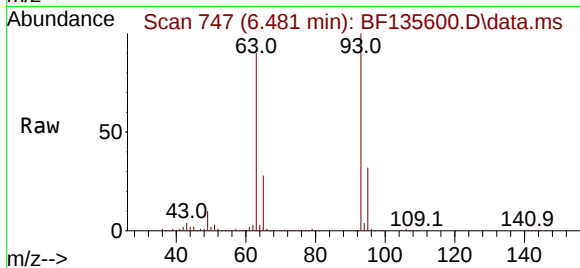
#11
bis(2-Chloroethyl)ether
Concen: 49.011 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156098BS

Tgt Ion: 93 Resp: 46754
Ion Ratio Lower Upper
93 100
63 89.8 67.3 107.3
95 31.6 12.7 52.7

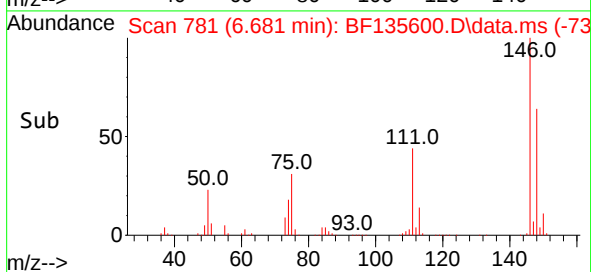
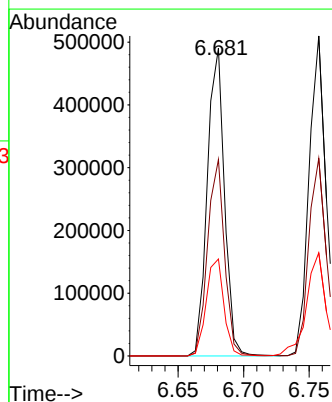
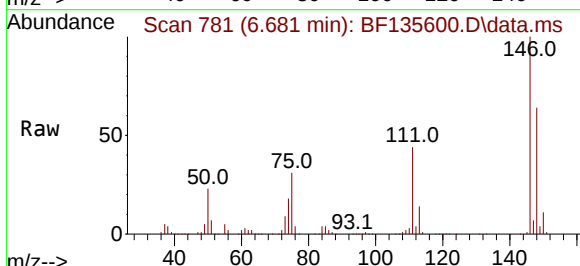
Manual Integrations
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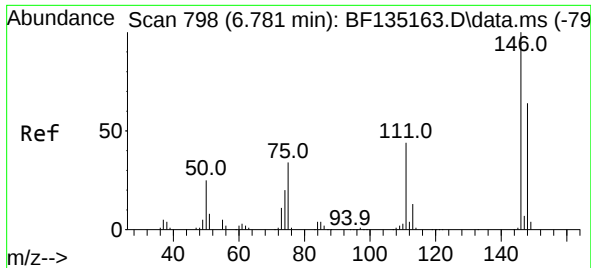
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#12
1,3-Dichlorobenzene
Concen: 45.243 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:146 Resp: 447699
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 31.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.425 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Tgt Ion:146 Resp: 457319

Ion Ratio Lower Upper

146 100

148 61.8 51.3 76.9

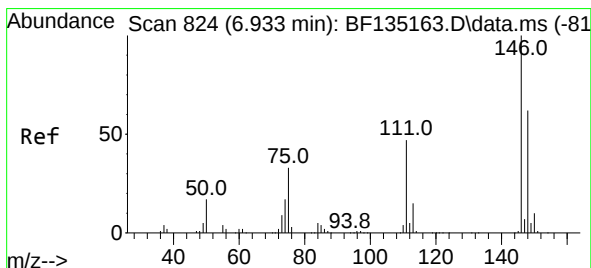
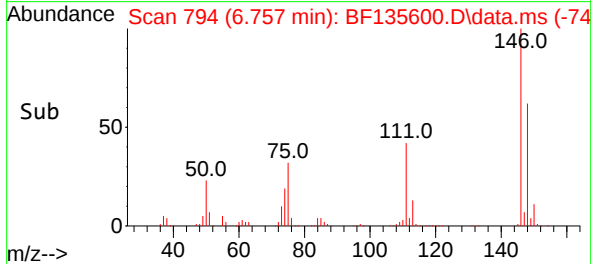
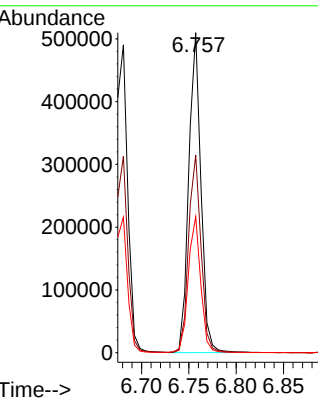
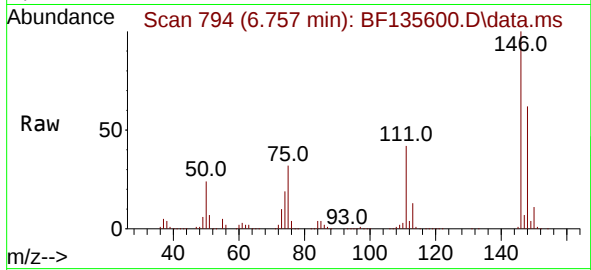
111 42.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#14

1,2-Dichlorobenzene

Concen: 44.525 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

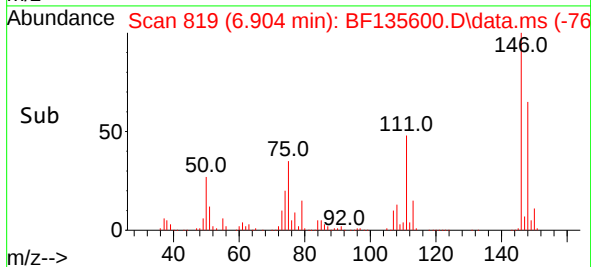
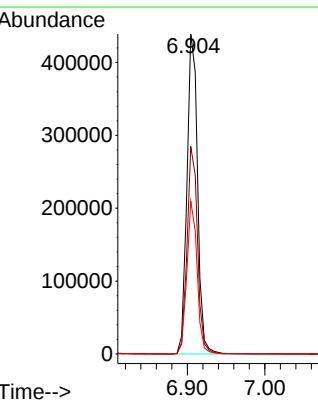
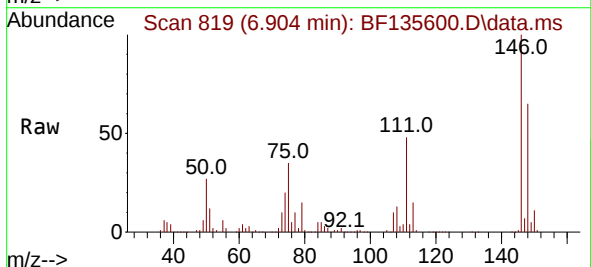
Tgt Ion:146 Resp: 416278

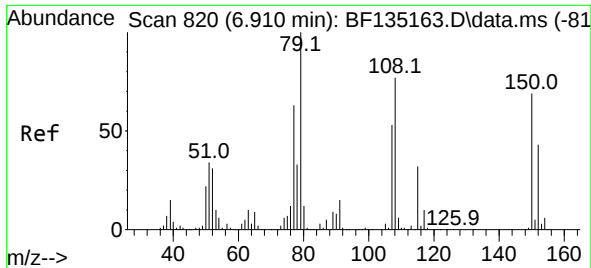
Ion Ratio Lower Upper

146 100

148 64.9 49.7 74.5

111 47.7 37.4 56.2





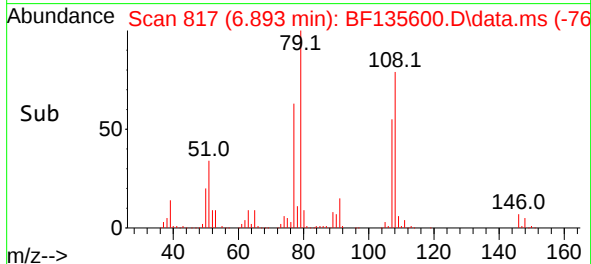
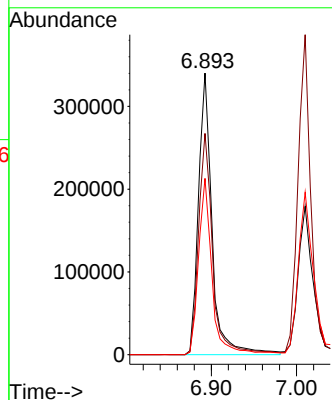
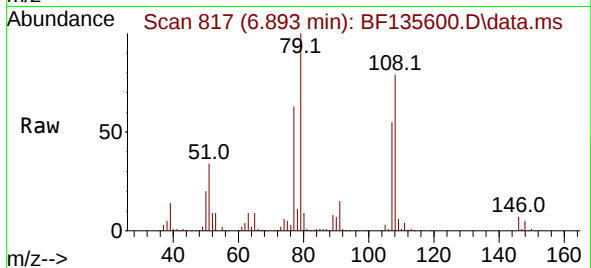
#15
Benzyl Alcohol
Concen: 45.489 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156098BS

Tgt Ion: 79 Resp: 378580
Ion Ratio Lower Upper
79 100
108 78.6 61.2 91.8
77 62.6 50.5 75.7

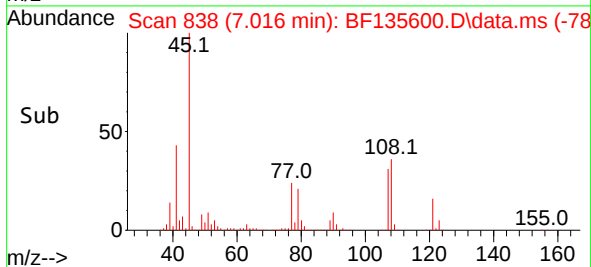
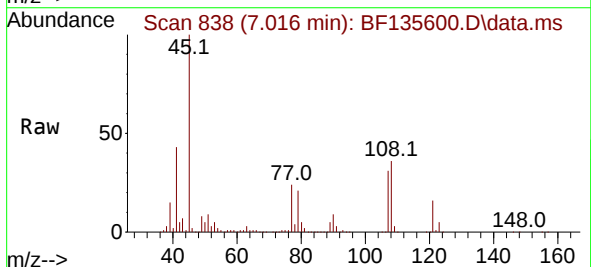
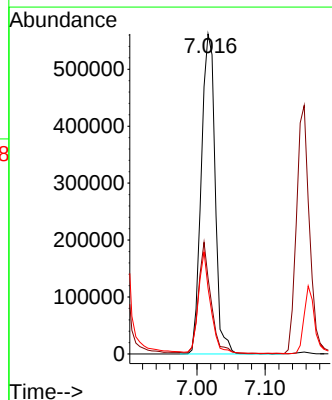
Manual Integrations
APPROVED

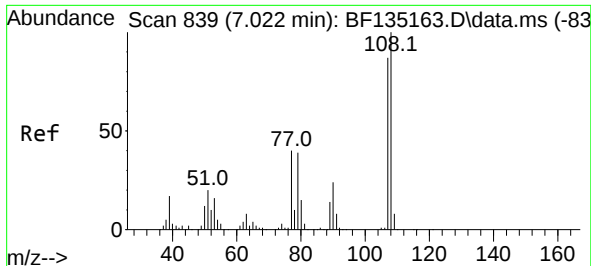
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.084 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

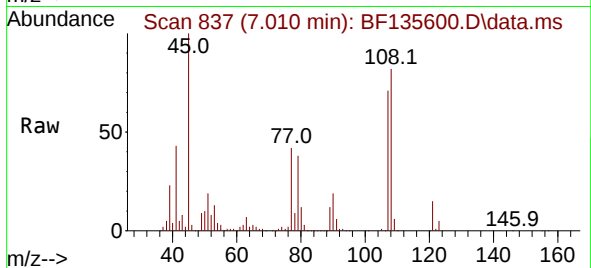
Tgt Ion: 45 Resp: 792692
Ion Ratio Lower Upper
45 100
77 23.7 0.0 30.6
79 20.5 0.0 28.3





#17
2-Methylphenol
Concen: 40.719 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

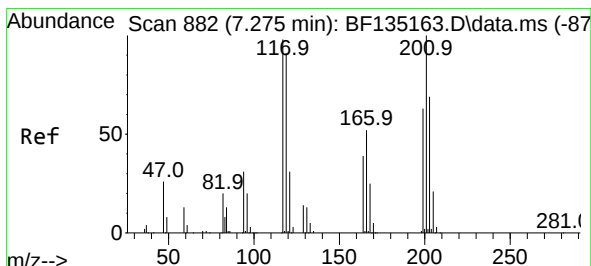
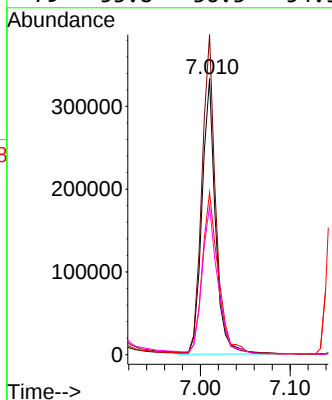
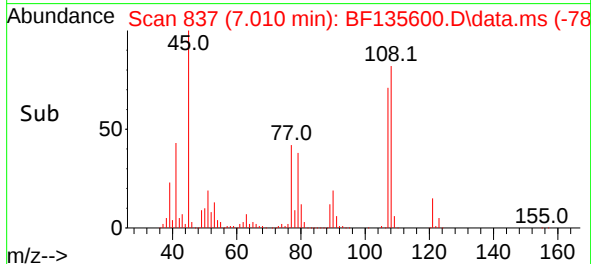
Instrument :
BNA_F
ClientSampleId :
PB156098BS



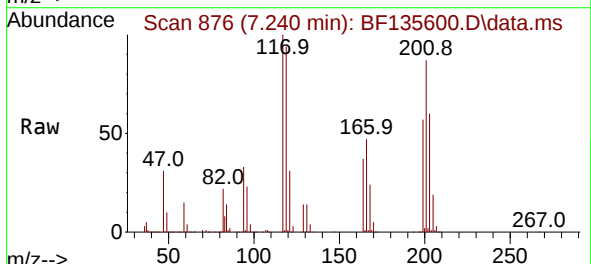
Tgt Ion:107 Resp: 349870
Ion Ratio Lower Upper
107 100
108 116.0 92.0 138.0
77 58.9 36.7 55.1
79 53.8 36.3 54.5

Manual Integrations
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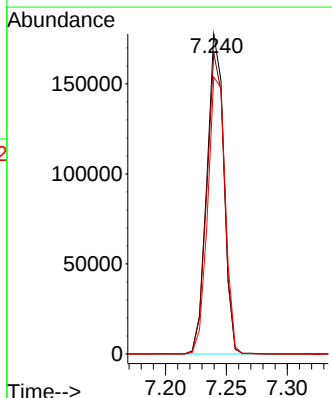
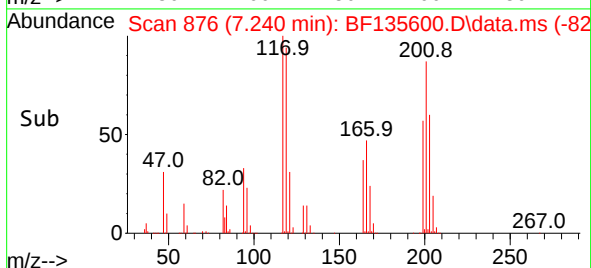
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#18
Hexachloroethane
Concen: 46.478 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:117 Resp: 172891
Ion Ratio Lower Upper
117 100
119 94.0 74.7 112.1
201 86.6 81.8 122.8





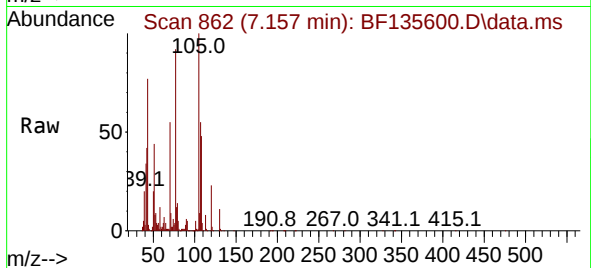
#19
n-Nitroso-di-n-propylamine
Concen: 41.515 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

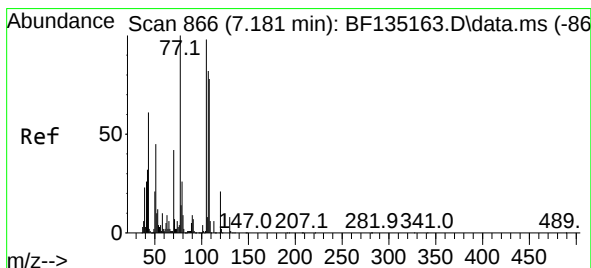
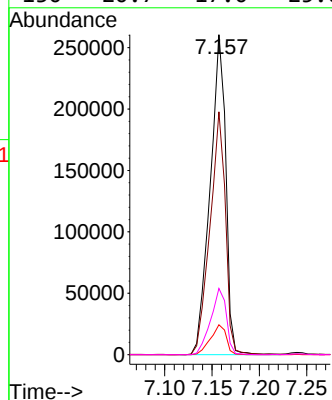
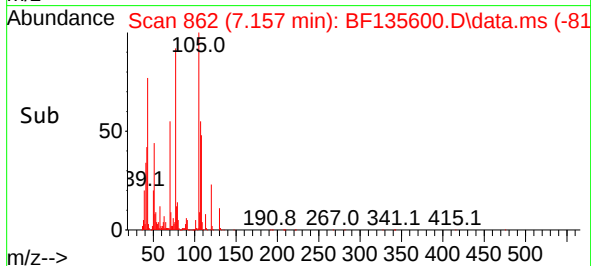


Tgt Ion: 70 Resp: 29823
Ion Ratio Lower Upper
70 100
42 75.9 55.4 83.0
101 9.4 7.7 11.5
130 20.7 17.0 25.6

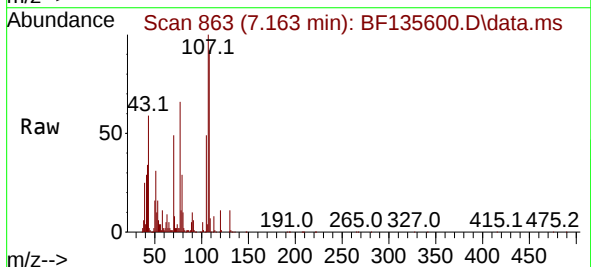
Manual Integrations

APPROVED

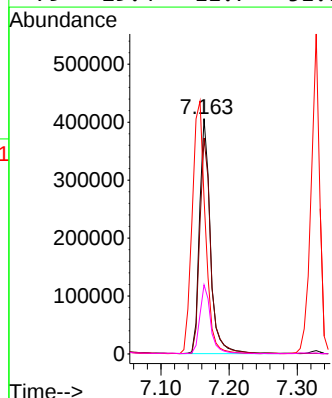
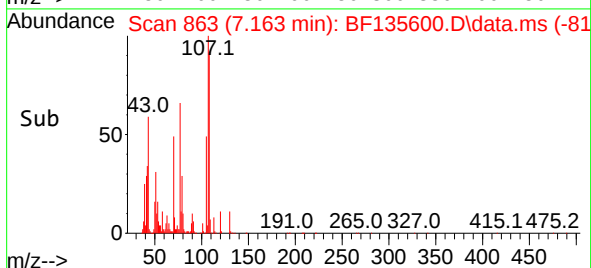
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

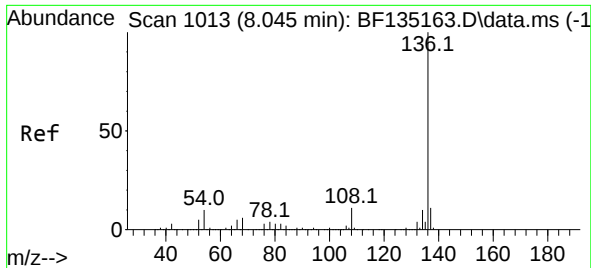


#20
3+4-Methylphenols
Concen: 43.242 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



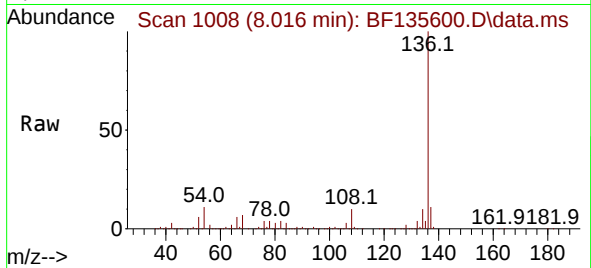
Tgt Ion:107 Resp: 446771
Ion Ratio Lower Upper
107 100
108 91.8 74.7 114.7
77 66.1 102.0 142.0#
79 29.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

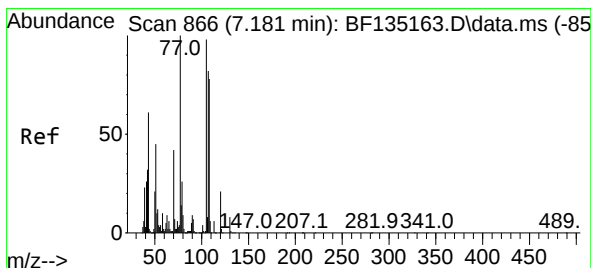
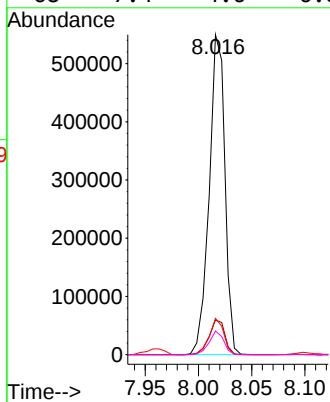
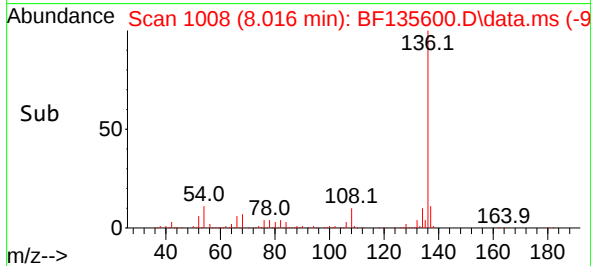
Instrument :
BNA_F
ClientSampleId :
PB156098BS



Tgt Ion:136 Resp: 564094
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.3 7.7 11.5
68 7.4 4.6 6.8#

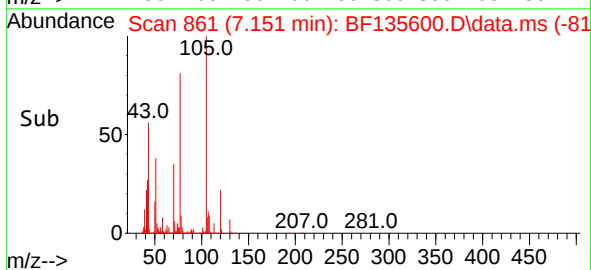
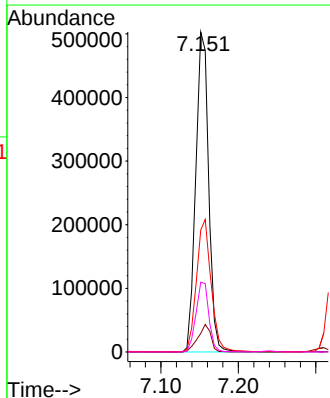
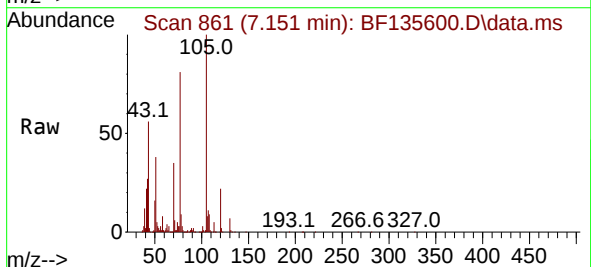
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#22
Acetophenone
Concen: 45.173 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:105 Resp: 582581
Ion Ratio Lower Upper
105 100
71 5.8 5.8 8.6
51 38.2 37.0 55.4
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 90.383 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Tgt Ion: 82 Resp: 938429

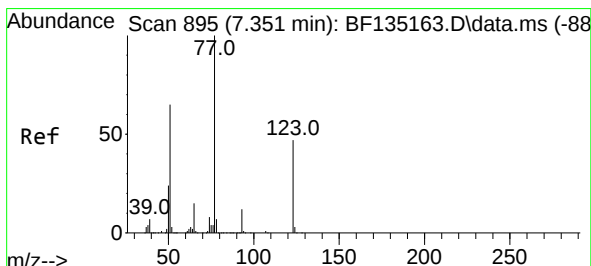
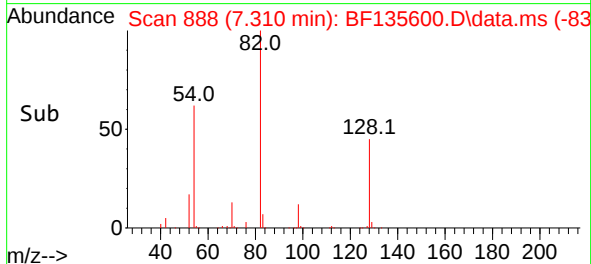
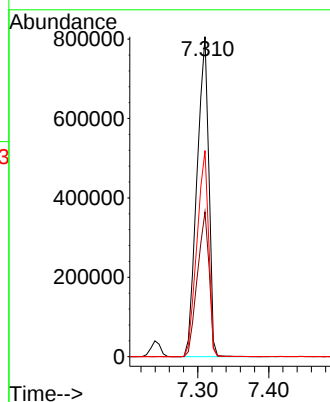
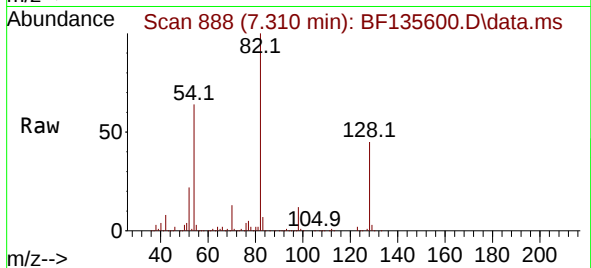
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.8	53.6
54	64.4	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#24

Nitrobenzene

Concen: 47.441 ng

RT: 7.328 min Scan# 891

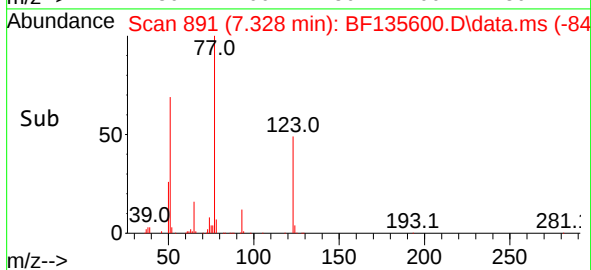
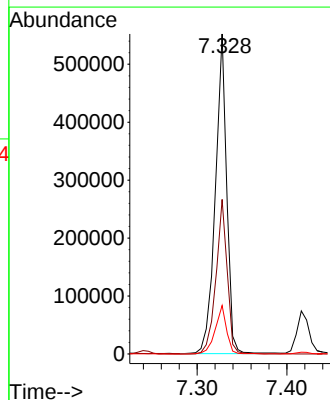
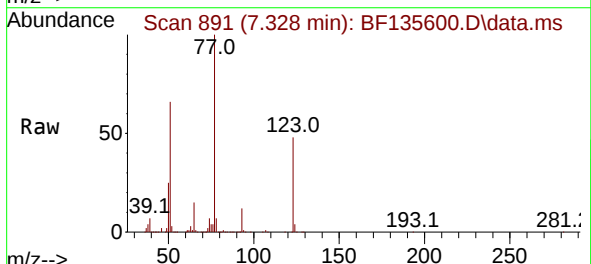
Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Tgt Ion: 77 Resp: 486853

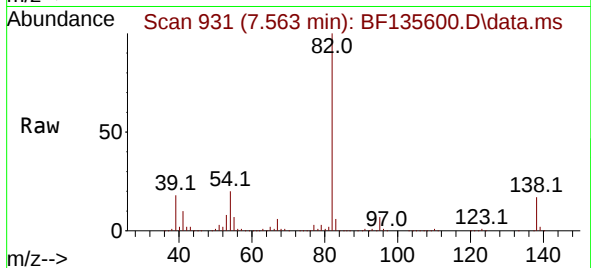
Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.6	56.4
65	15.1	12.2	18.4





#25
Isophorone
Concen: 47.241 ng
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

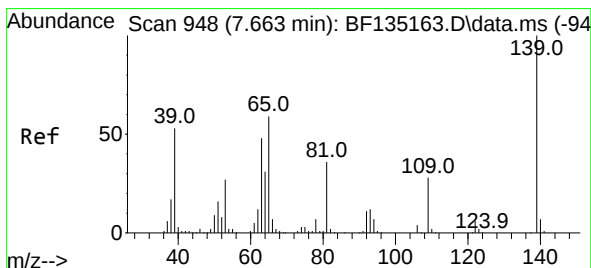
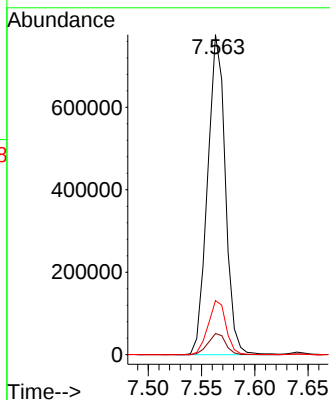
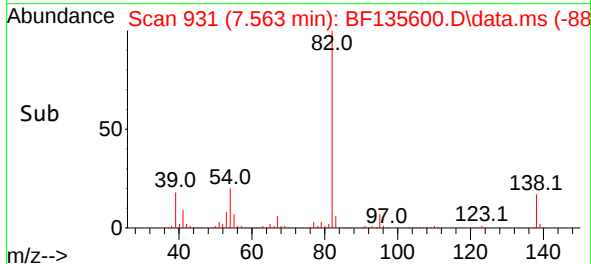
Instrument :
BNA_F
ClientSampleId :
PB156098BS



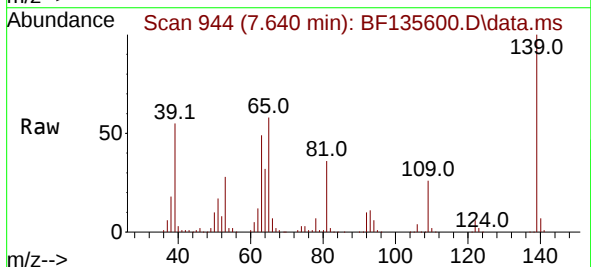
Tgt Ion: 82 Resp: 900688
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 16.9 14.5 21.7

Manual Integrations
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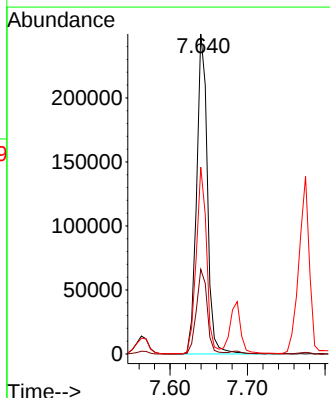
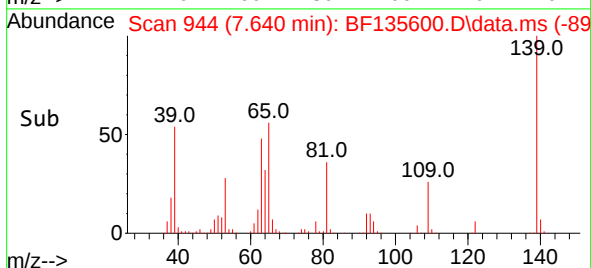
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#26
2-Nitrophenol
Concen: 48.981 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:139 Resp: 241250
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 58.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.967 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135600.D

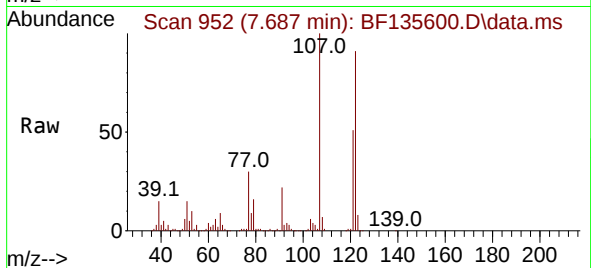
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS



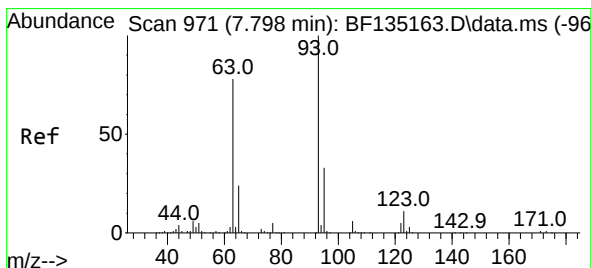
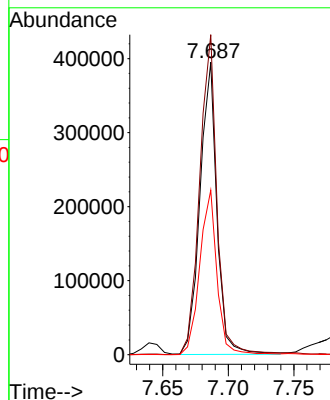
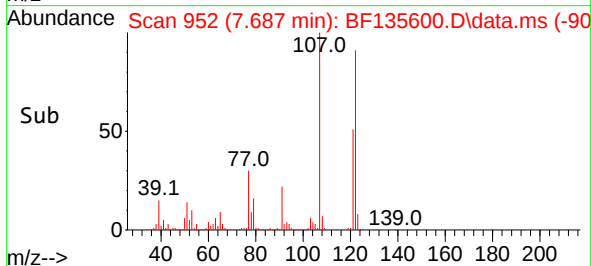
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.5	90.2	135.4
121	56.3	46.3	69.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.792 ng

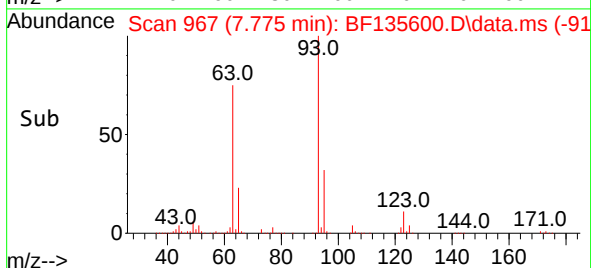
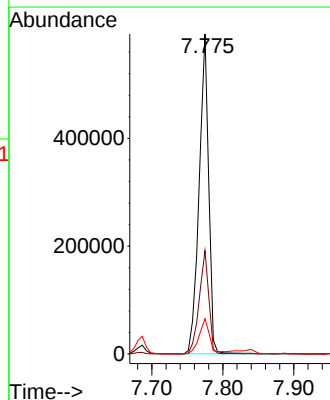
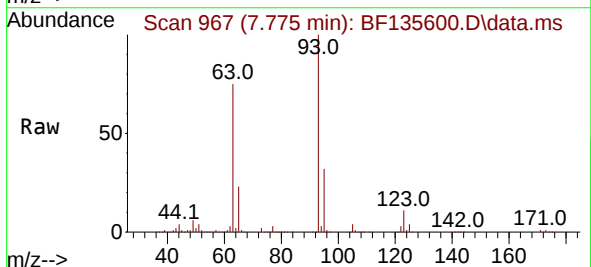
RT: 7.775 min Scan# 967

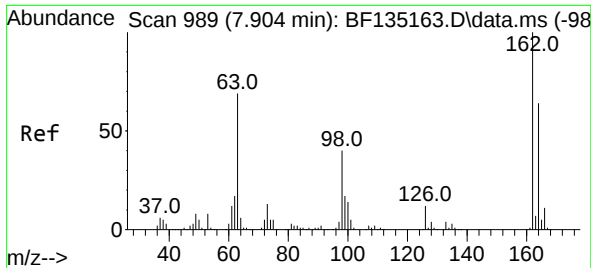
Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.0	8.8	13.2





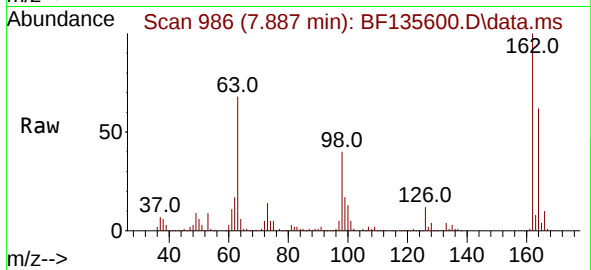
#29
2,4-Dichlorophenol
Concen: 48.879 ng
RT: 7.887 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

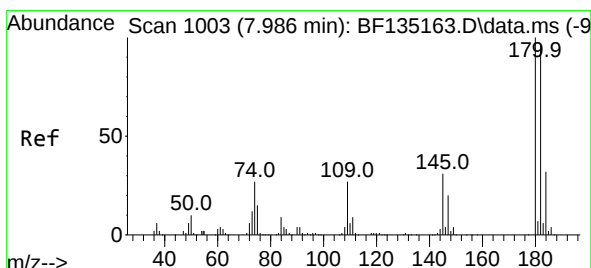
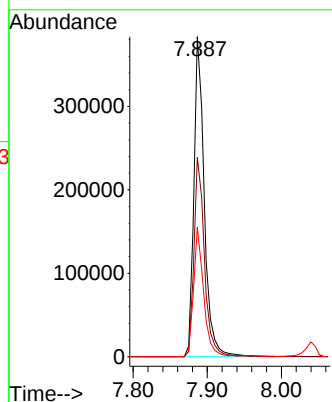
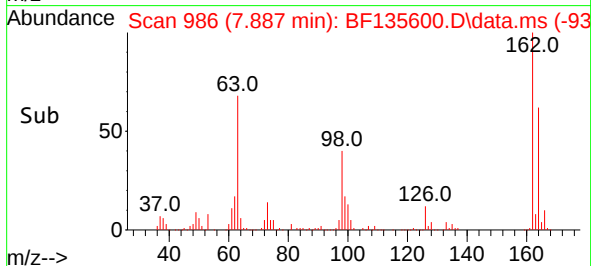


Tgt Ion:162 Resp: 374970
Ion Ratio Lower Upper
162 100
164 62.2 44.1 84.1
98 40.5 20.3 60.3

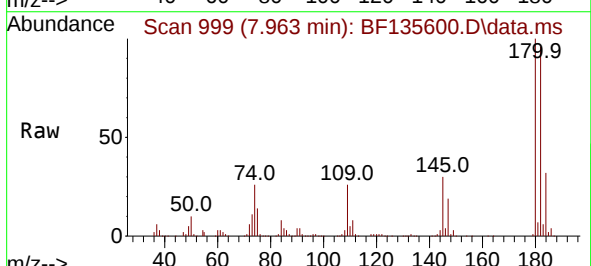
Manual Integrations

APPROVED

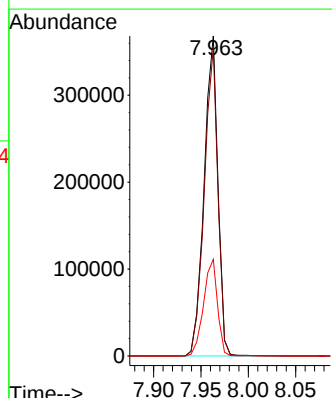
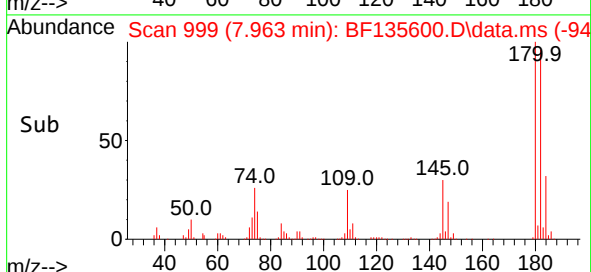
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

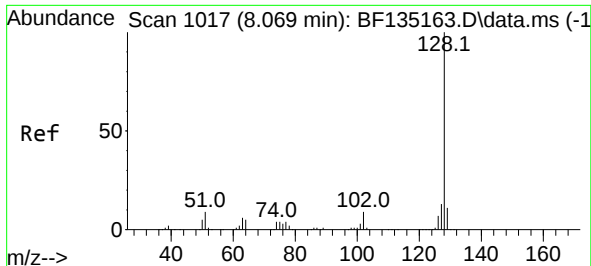


#30
1,2,4-Trichlorobenzene
Concen: 46.463 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



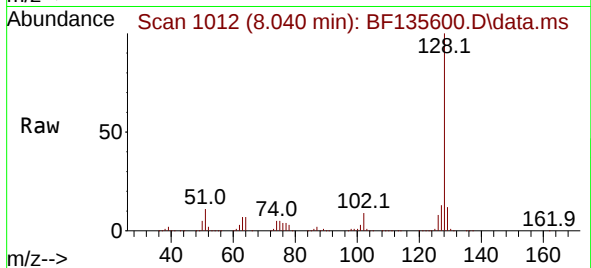
Tgt Ion:180 Resp: 372560
Ion Ratio Lower Upper
180 100
182 96.3 76.9 115.3
145 30.2 24.5 36.7





#31
Naphthalene
Concen: 45.102 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

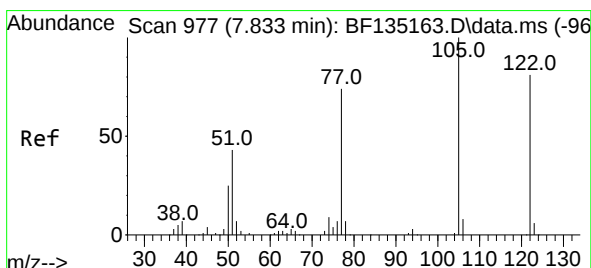
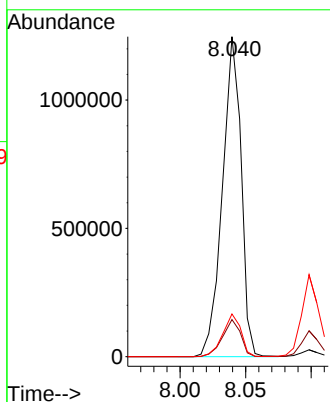
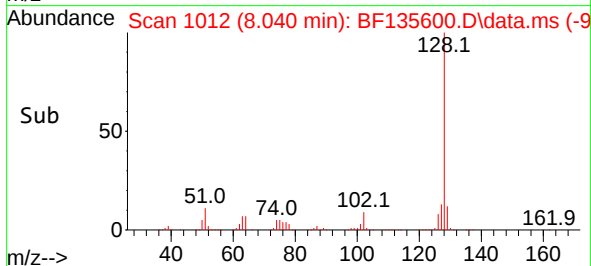
Instrument :
BNA_F
ClientSampleId :
PB156098BS



Tgt Ion:128 Resp: 123613
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.3 10.7 16.1

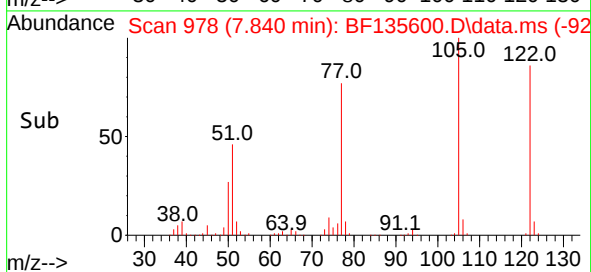
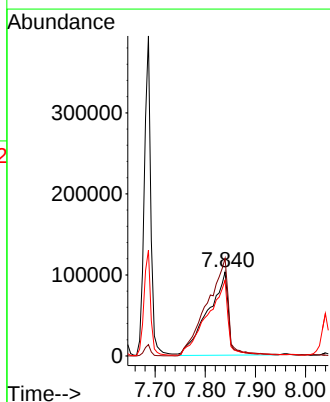
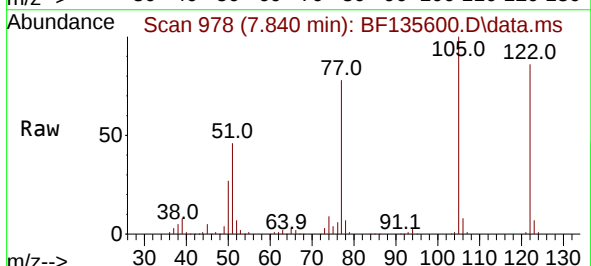
Manual Integrations
APPROVED

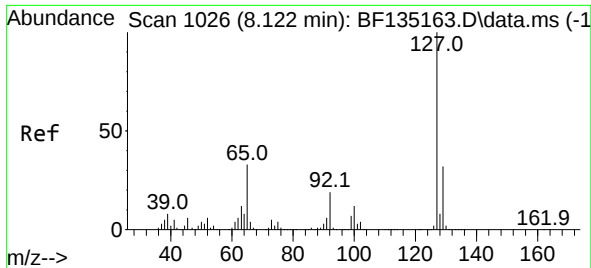
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#32
Benzoic acid
Concen: 47.296 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:122 Resp: 294852
Ion Ratio Lower Upper
122 100
105 116.0 99.9 139.9
77 90.0 70.0 110.0





#33
4-Chloroaniline
Concen: 28.623 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

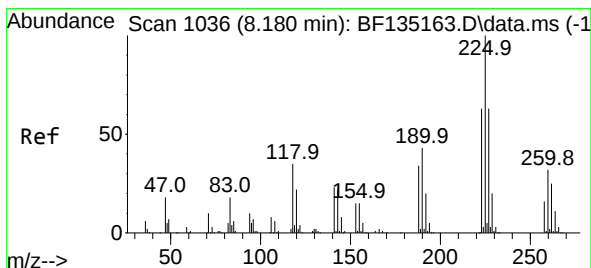
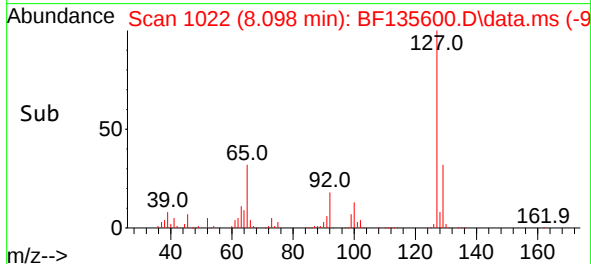
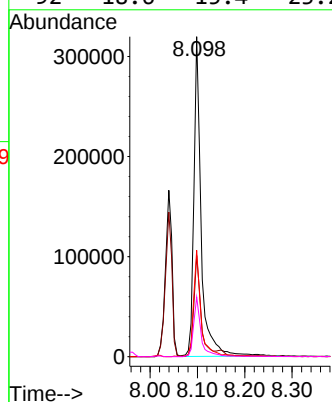
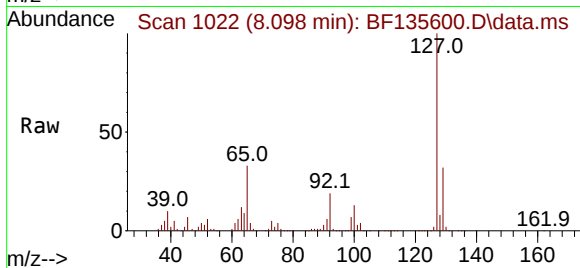
ClientSampleId :

PB156098BS

Tgt Ion:127 Resp: 34419
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 33.3 26.6 39.8
92 18.6 15.4 23.2

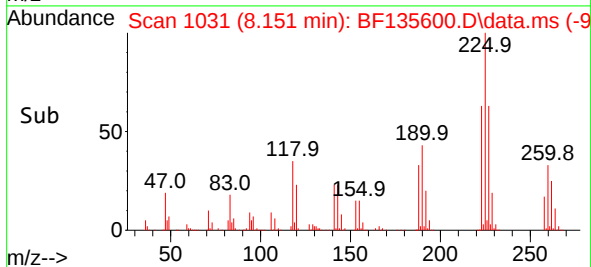
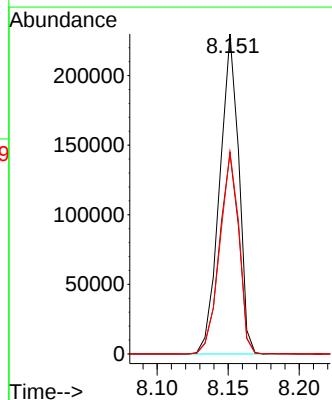
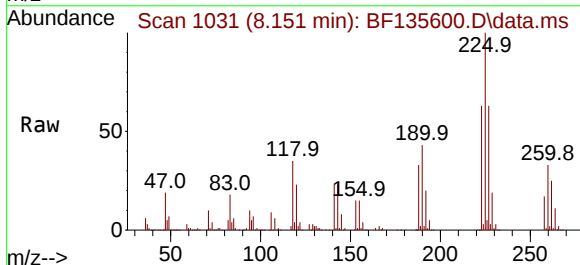
Manual Integrations
APPROVED

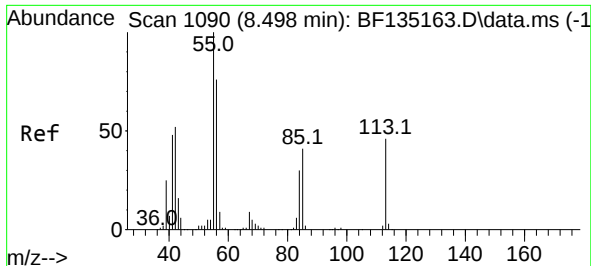
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#34
Hexachlorobutadiene
Concen: 44.378 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

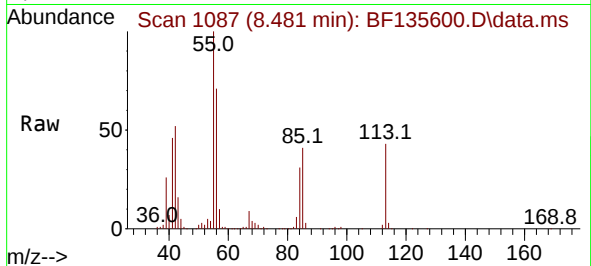
Tgt Ion:225 Resp: 214565
Ion Ratio Lower Upper
225 100
223 62.7 50.6 75.8
227 63.1 50.8 76.2





#35
 Caprolactam
 Concen: 48.347 ng m
 RT: 8.481 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135600.D
 Acq: 05 Oct 2023 15:24

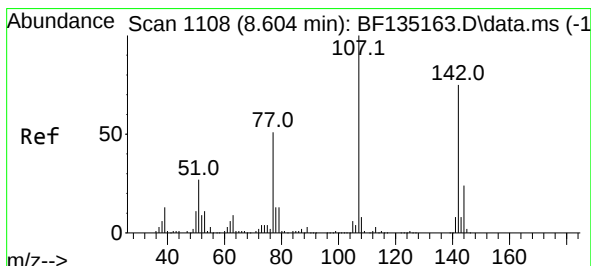
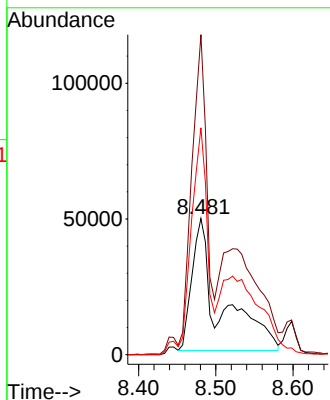
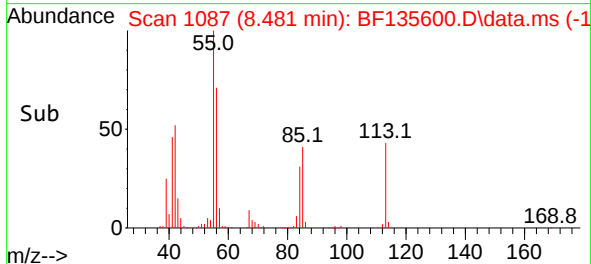
Instrument :
 BNA_F
 ClientSampleId :
 PB156098BS



Tgt Ion:113 Resp: 124478
 Ion Ratio Lower Upper
 113 100
 55 234.9 199.3 239.3
 56 166.5 146.3 186.3

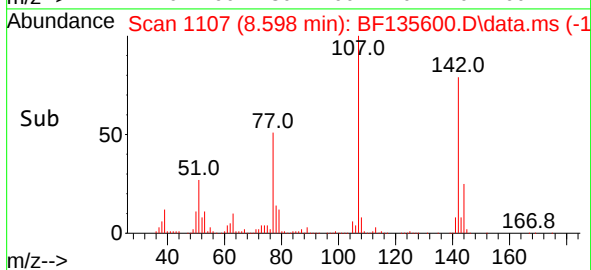
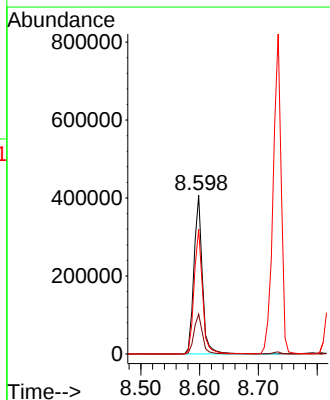
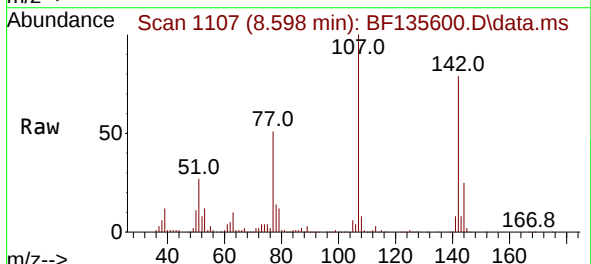
Manual Integrations
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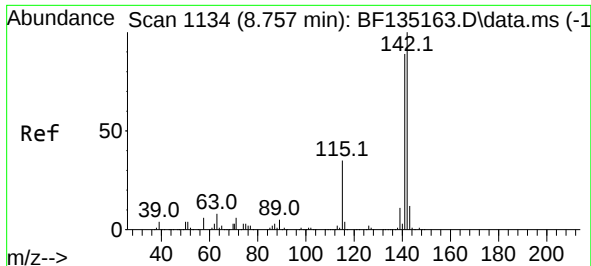
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.240 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135600.D
 Acq: 05 Oct 2023 15:24

Tgt Ion:107 Resp: 402780
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.4
 142 78.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.374 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Tgt Ion:142 Resp: 780679

Ion Ratio Lower Upper

142 100

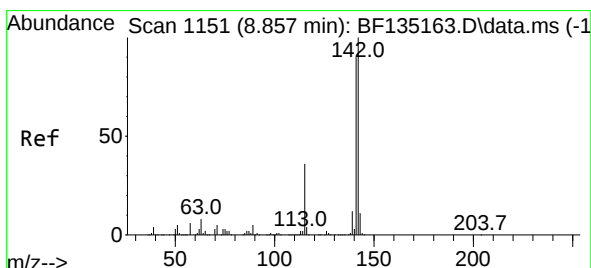
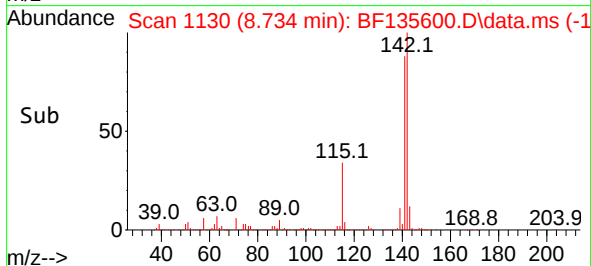
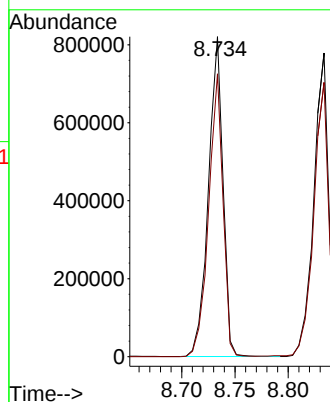
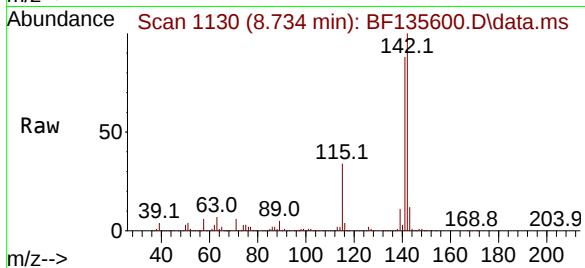
141 88.4 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#38

1-Methylnaphthalene

Concen: 43.578 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135600.D

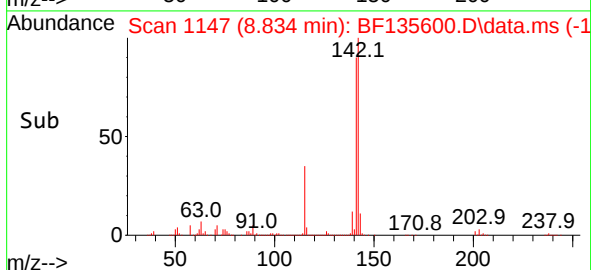
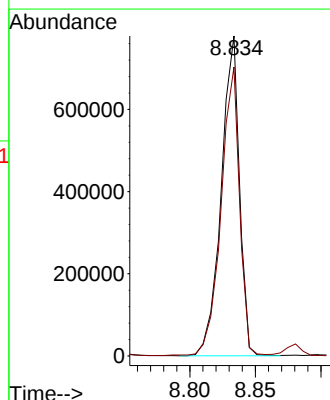
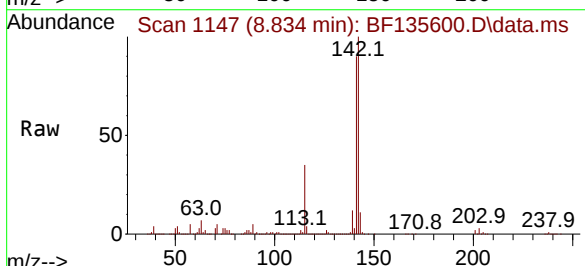
Acq: 05 Oct 2023 15:24

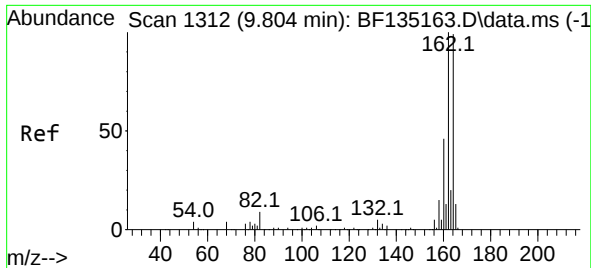
Tgt Ion:142 Resp: 751663

Ion Ratio Lower Upper

142 100

141 90.3 72.4 108.6





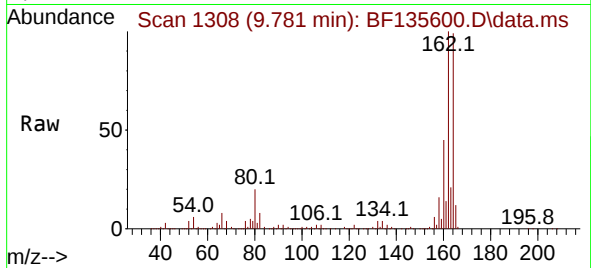
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

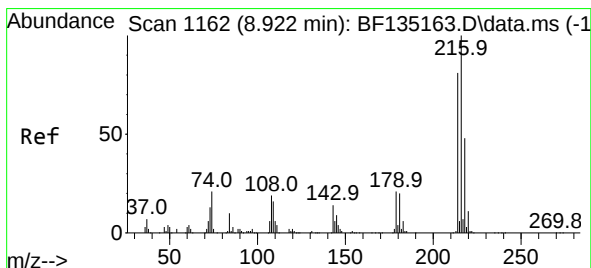
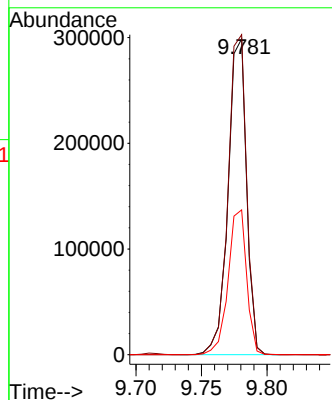
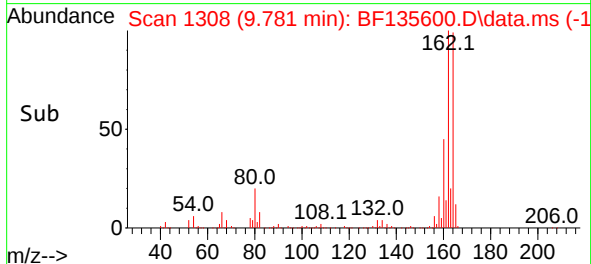


Tgt Ion:164 Resp: 29218
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 45.8 37.0 55.4

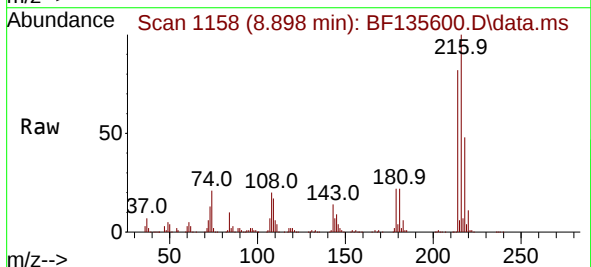
Manual Integrations

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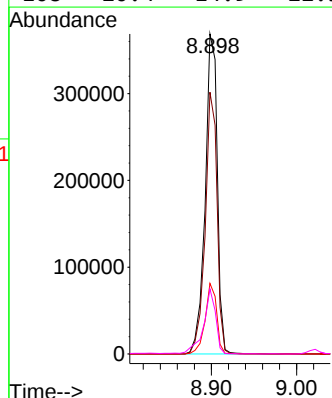
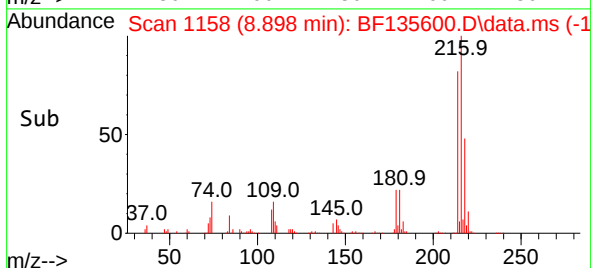
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.939 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:216 Resp: 363471
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 20.9 16.7 25.1
108 20.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 55.151 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

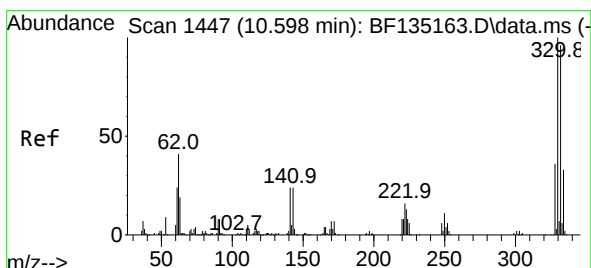
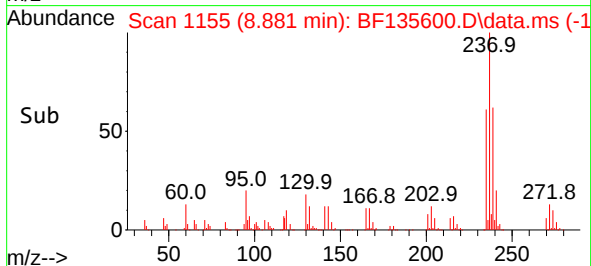
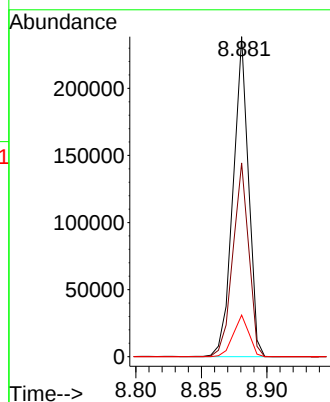
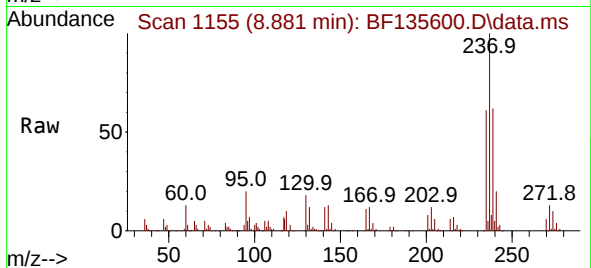
PB156098BS

Tgt Ion:237 Resp: 196280
Ion Ratio Lower Upper
237 100
235 60.5 41.8 81.8
272 13.0 0.0 33.6

Manual Integrations

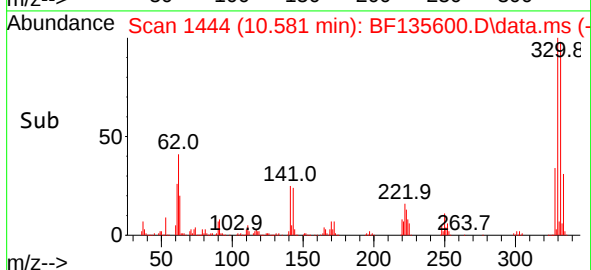
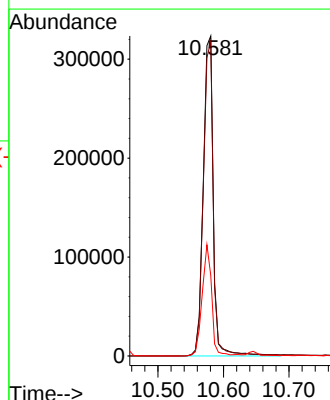
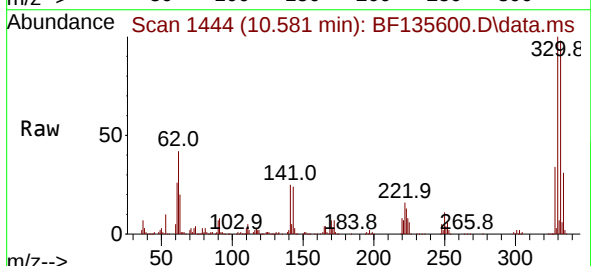
APPROVED

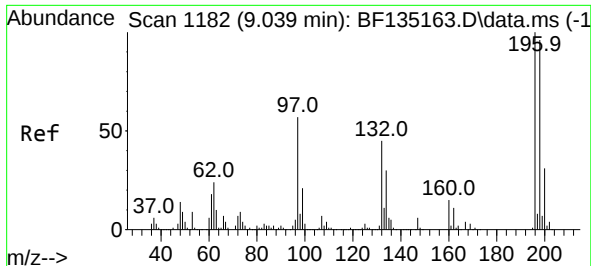
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#42
2,4,6-Tribromophenol
Concen: 119.019 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:330 Resp: 345582
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 32.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.136 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

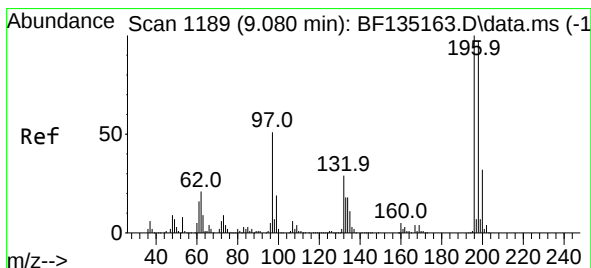
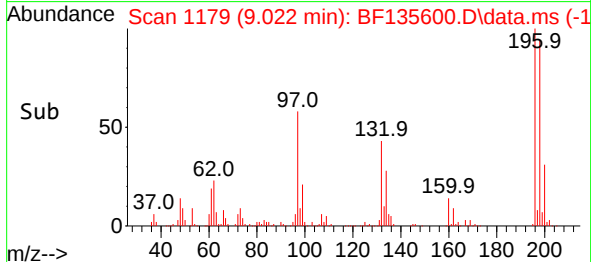
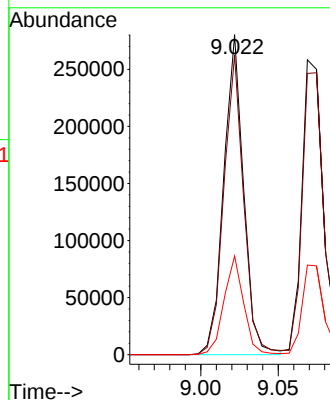
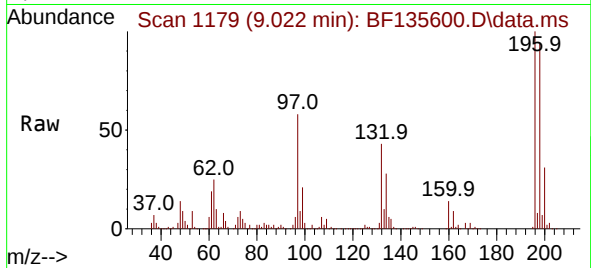
Tgt Ion:196 Resp: 250152
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.0 115.6
 200 30.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#44

2,4,5-Trichlorophenol

Concen: 41.136 ng

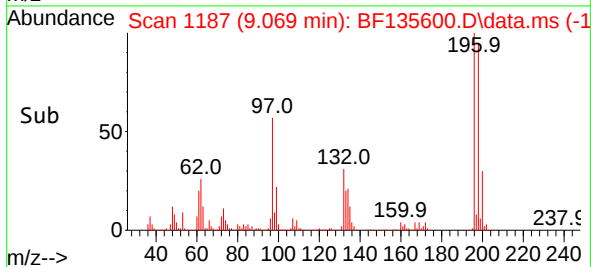
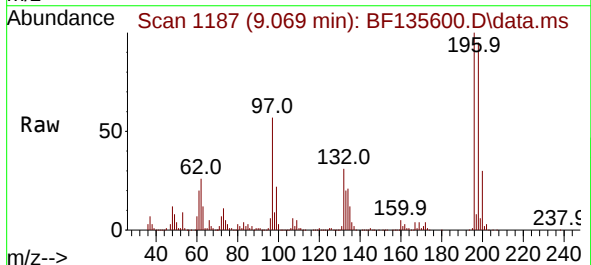
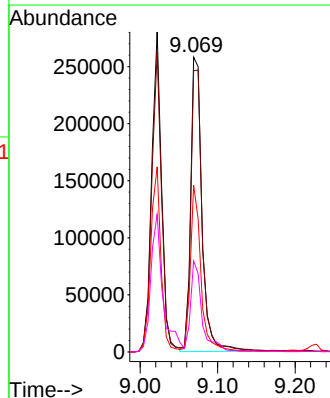
RT: 9.069 min Scan# 1187

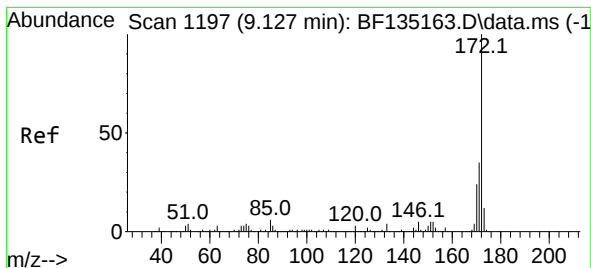
Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Tgt Ion:196 Resp: 262551
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 56.5 40.5 60.7
 132 30.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 79.488 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Tgt Ion:172 Resp: 153938

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

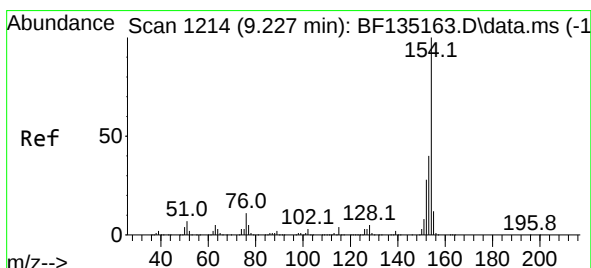
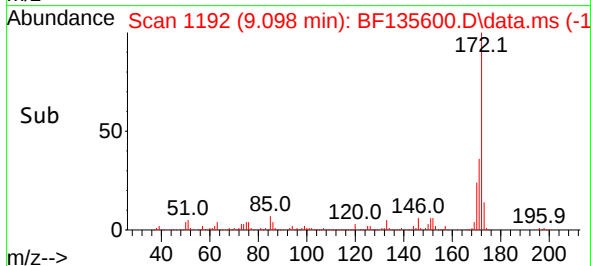
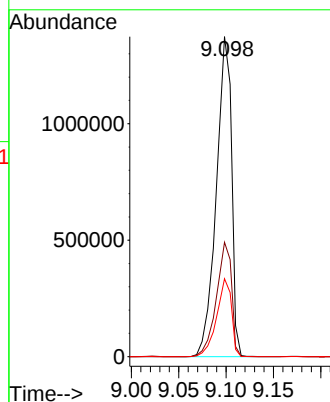
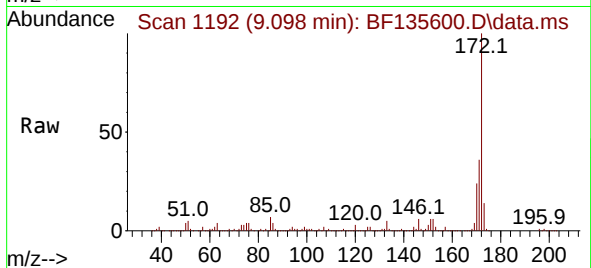
170 24.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#46

1,1'-Biphenyl

Concen: 44.061 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

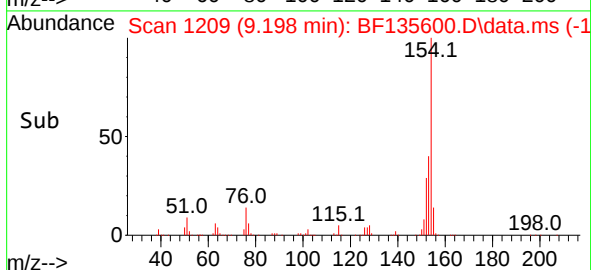
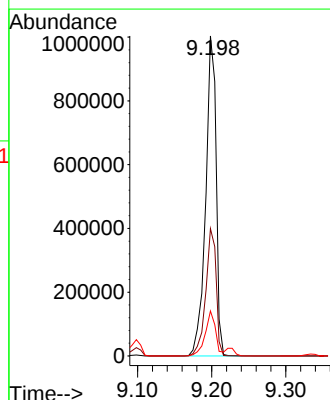
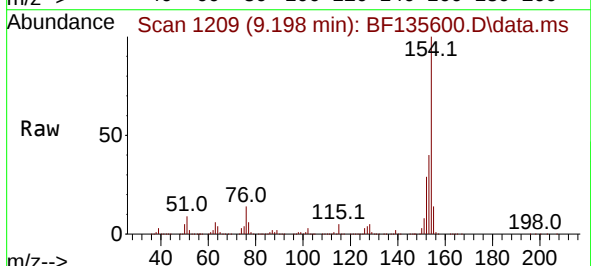
Tgt Ion:154 Resp: 989342

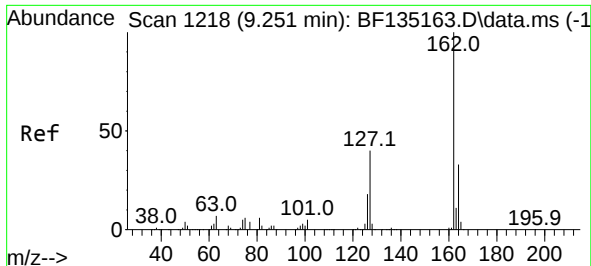
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 14.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.937 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

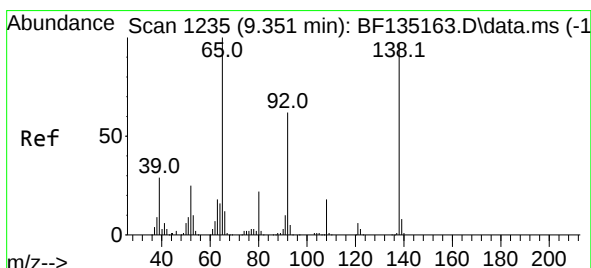
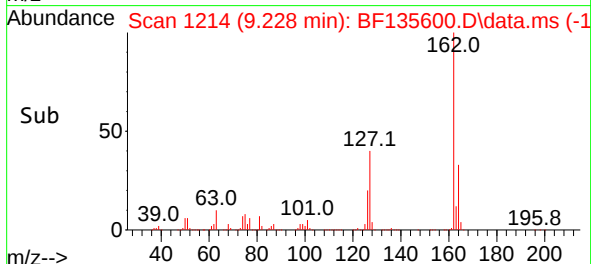
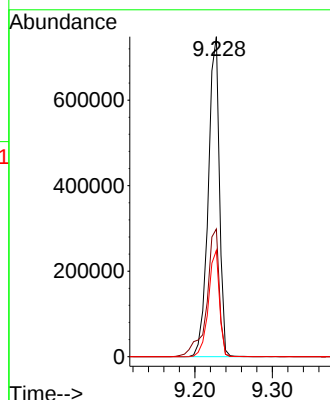
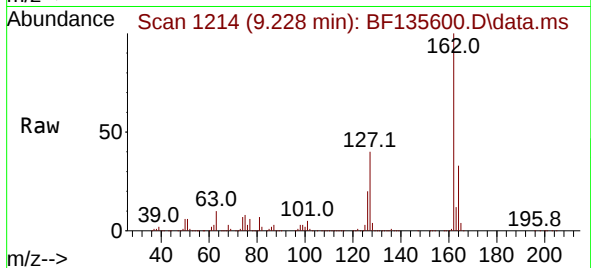
Tgt Ion:162 Resp: 74838
 Ion Ratio Lower Upper
 162 100
 127 39.9 32.6 48.8
 164 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#48

2-Nitroaniline

Concen: 47.966 ng

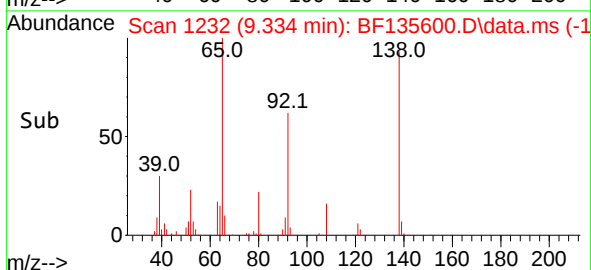
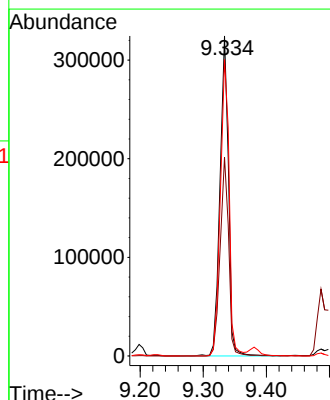
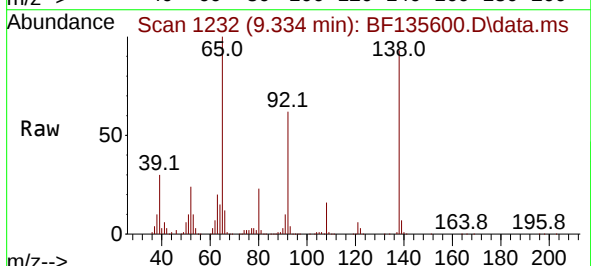
RT: 9.334 min Scan# 1232

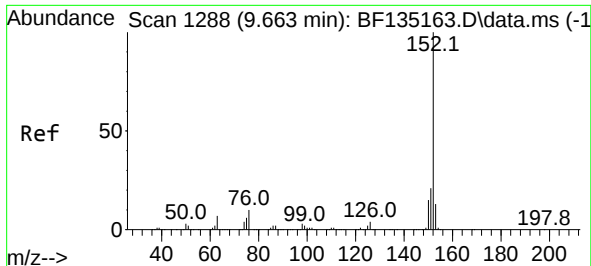
Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

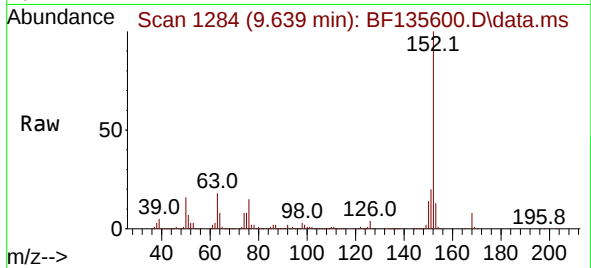
Tgt Ion: 65 Resp: 303585
 Ion Ratio Lower Upper
 65 100
 92 62.1 49.4 74.0
 138 92.6 77.4 116.0





#49
Acenaphthylene
Concen: 44.382 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

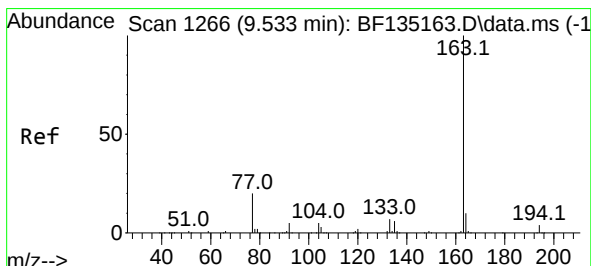
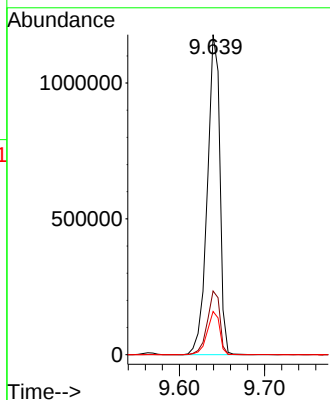
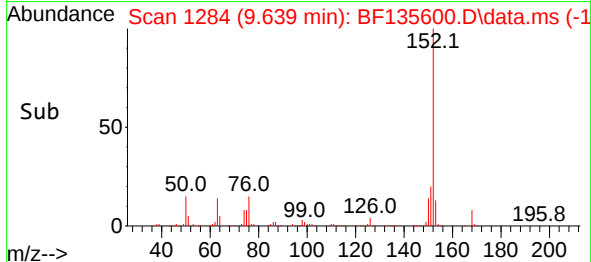
Instrument :
BNA_F
ClientSampleId :
PB156098BS



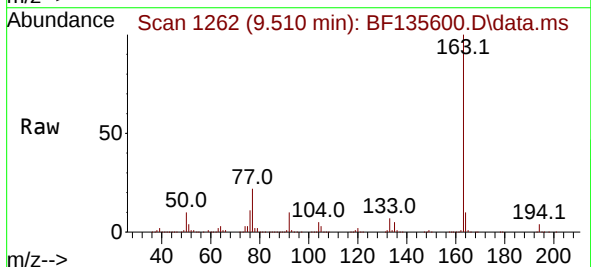
Tgt Ion:152 Resp: 120164
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.5 10.4 15.6

Manual Integrations
APPROVED

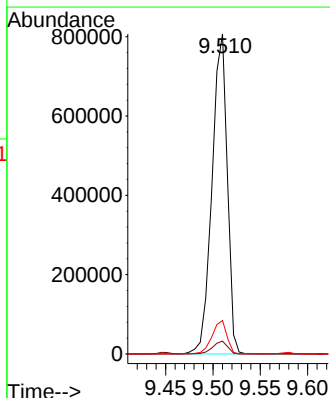
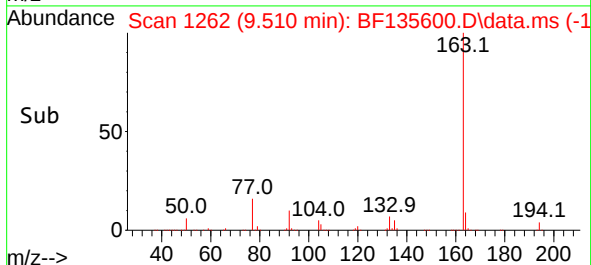
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

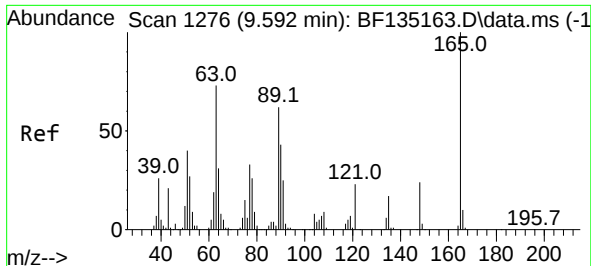


#50
Dimethylphthalate
Concen: 45.677 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:163 Resp: 902330
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.1 12.1





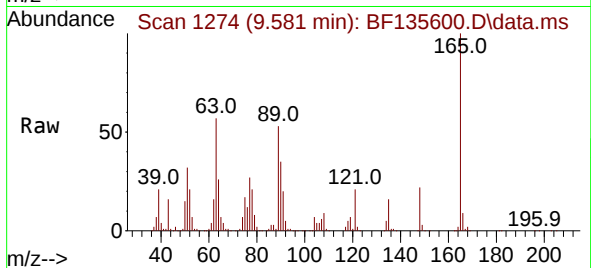
#51
2,6-Dinitrotoluene
Concen: 46.916 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

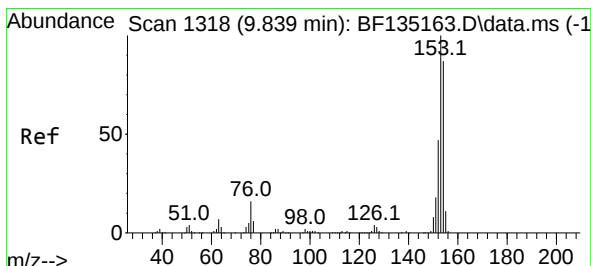
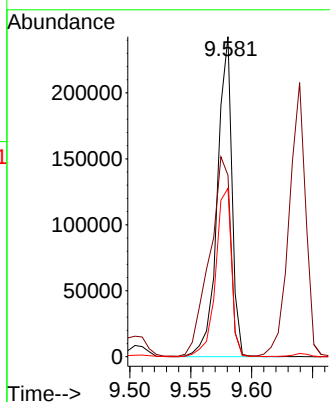
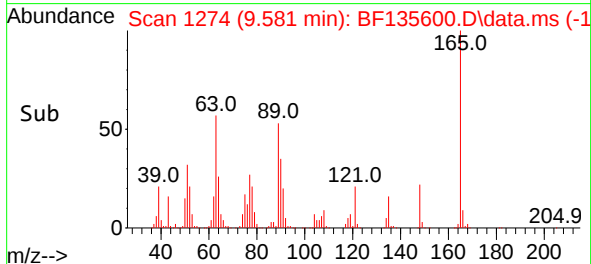


Tgt Ion:165 Resp: 20303
Ion Ratio Lower Upper
165 100
63 56.7 59.4 89.2
89 52.6 49.8 74.8

Manual Integrations

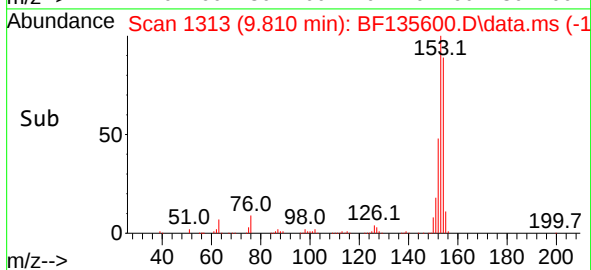
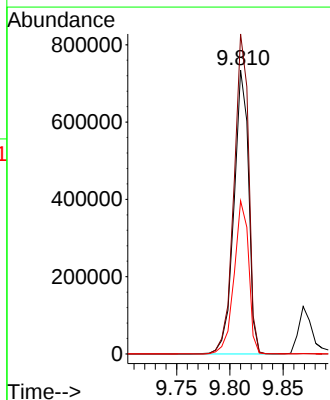
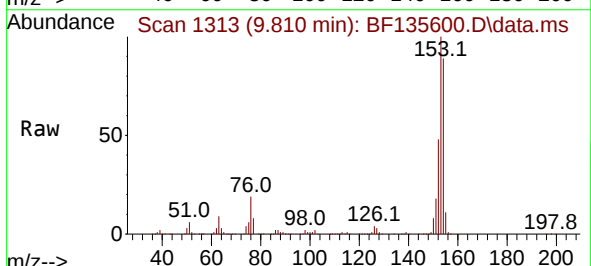
APPROVED

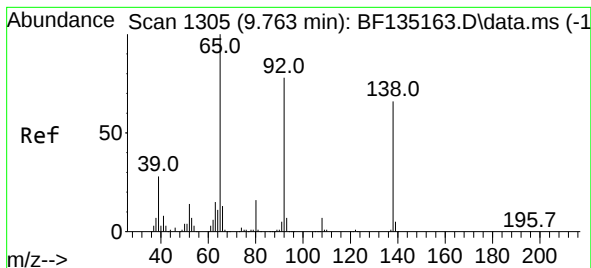
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#52
Acenaphthene
Concen: 44.025 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:154 Resp: 704167
Ion Ratio Lower Upper
154 100
153 112.7 92.1 138.1
152 53.9 43.1 64.7





#53
3-Nitroaniline
Concen: 36.736 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

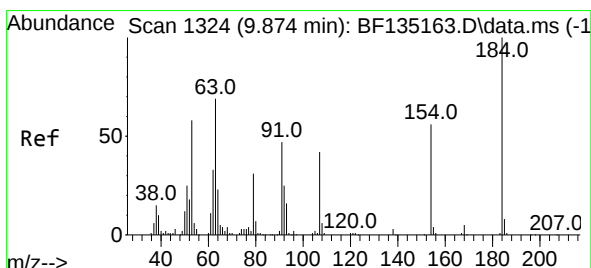
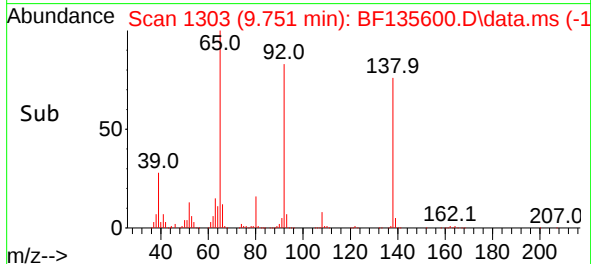
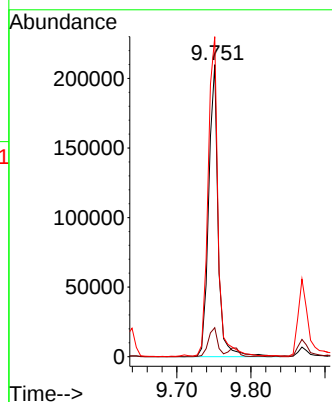
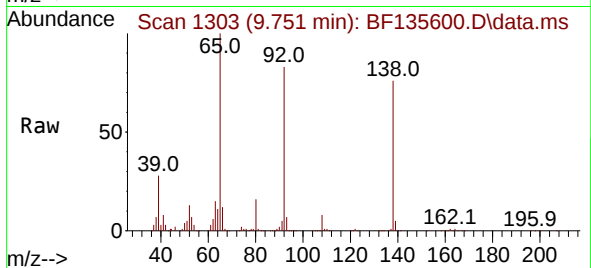
PB156098BS

Tgt Ion:138 Resp: 186610
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 109.6 95.4 143.0

Manual Integrations

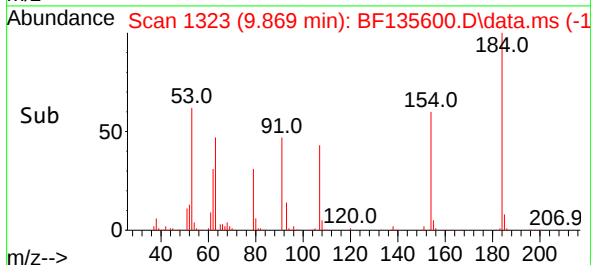
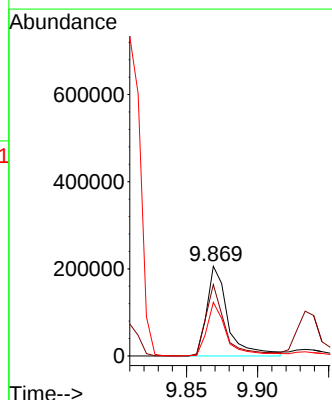
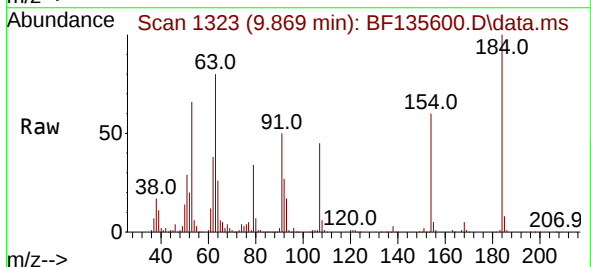
APPROVED

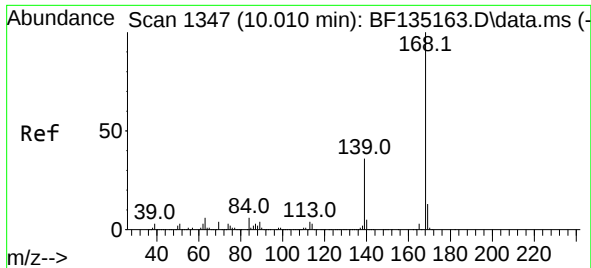
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#54
2,4-Dinitrophenol
Concen: 85.965 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

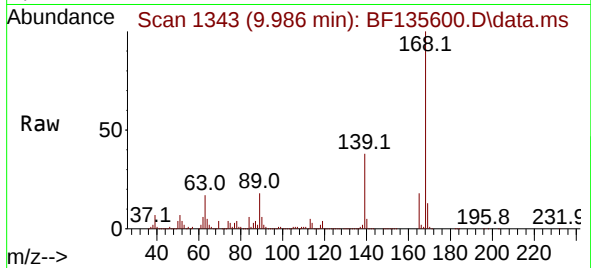
Tgt Ion:184 Resp: 212435
Ion Ratio Lower Upper
184 100
63 79.6 55.1 82.7
154 59.7 48.4 72.6





#55
Dibenzenofuran
Concen: 41.601 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

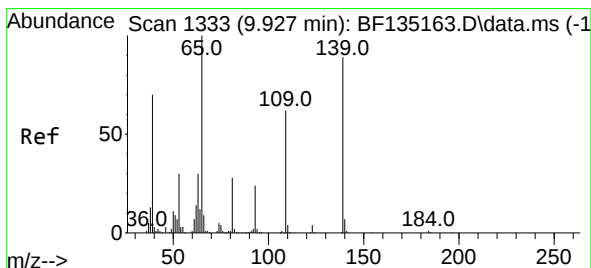
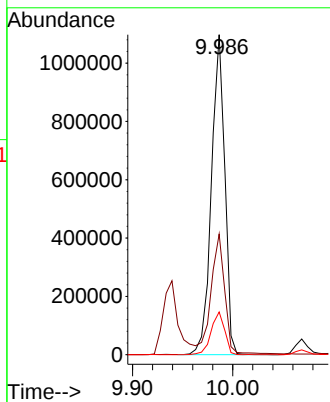
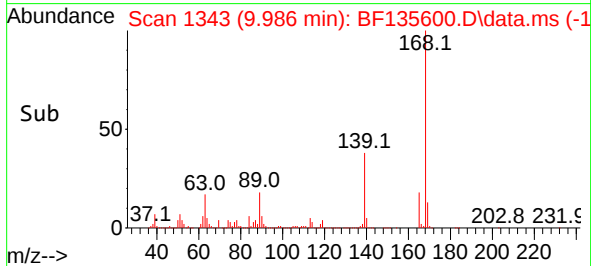
Instrument :
BNA_F
ClientSampleId :
PB156098BS



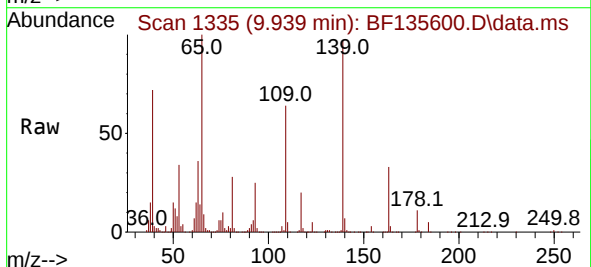
Tgt Ion:168 Resp: 101537
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.6
169 13.3 10.4 15.6

Manual Integrations
APPROVED

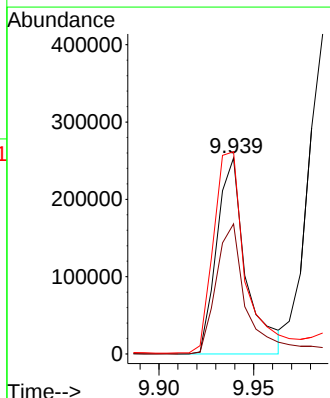
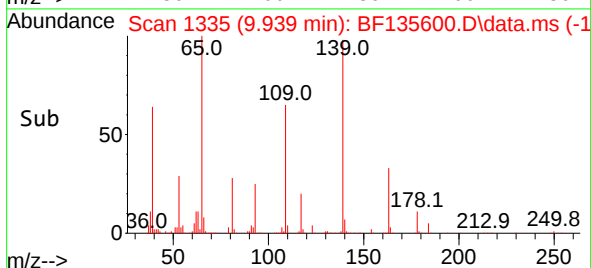
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

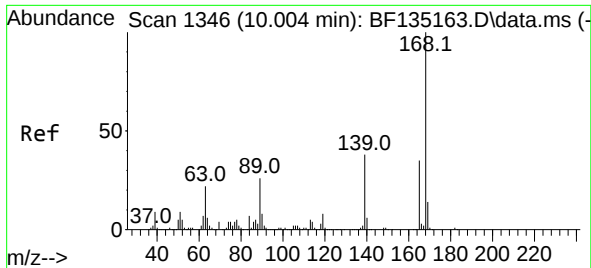


#56
4-Nitrophenol
Concen: 84.049 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:139 Resp: 271352
Ion Ratio Lower Upper
139 100
109 66.4 49.8 89.8
65 103.2 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 43.691 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

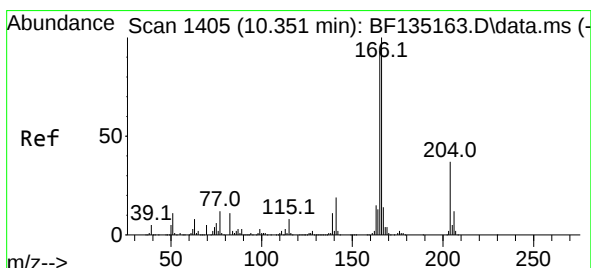
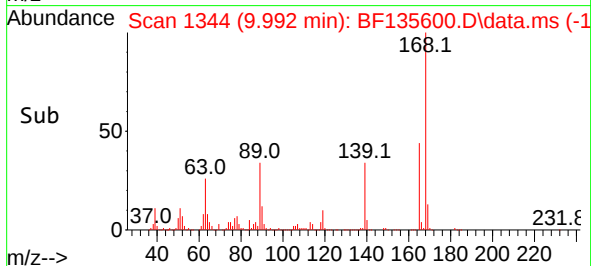
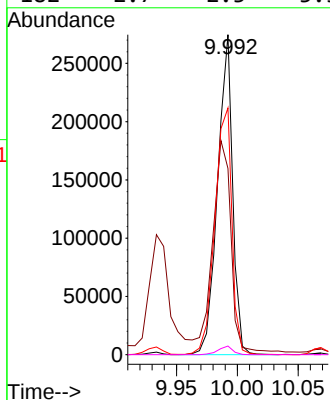
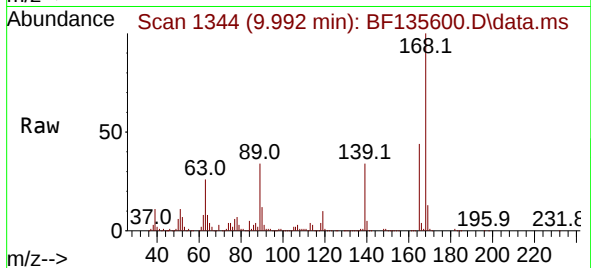
ClientSampleId :

PB156098BS

Tgt Ion:165 Resp: 23670
Ion Ratio Lower Upper
165 100
63 58.2 50.1 75.1
89 77.1 59.3 88.9
182 2.7 2.3 3.5

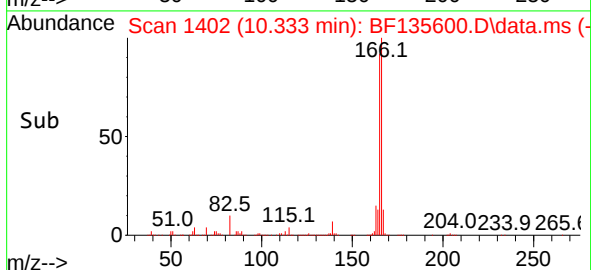
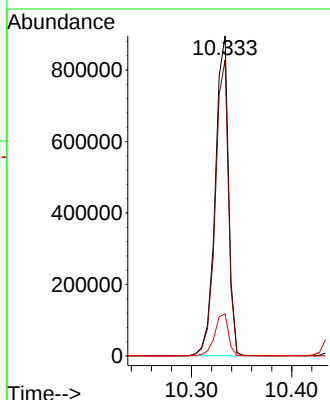
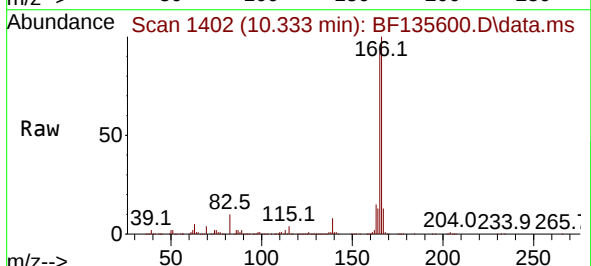
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#58
Fluorene
Concen: 43.661 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

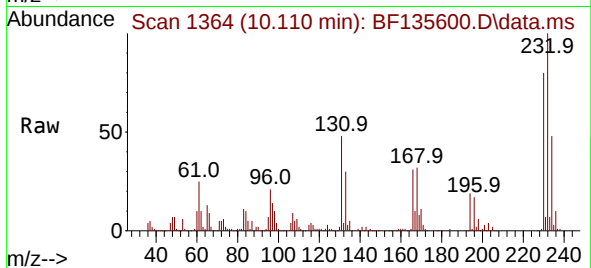
Tgt Ion:166 Resp: 819229
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.551 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

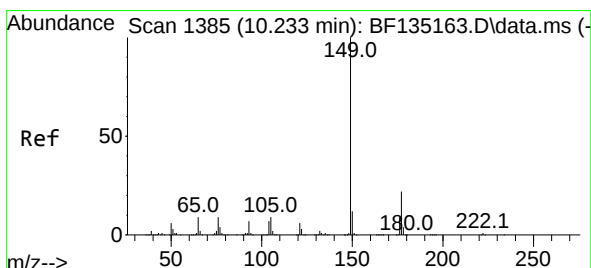
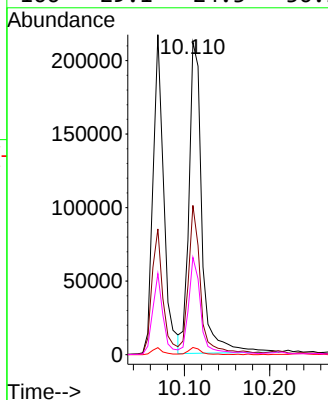
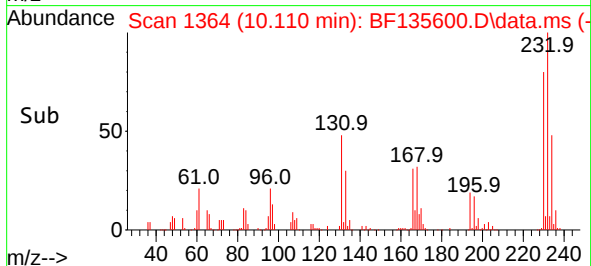
Instrument :
BNA_F
ClientSampleId :
PB156098BS



Tgt Ion:232 Resp: 22364
Ion Ratio Lower Upper
232 100
131 43.5 35.4 53.2
130 2.2 1.8 2.8
166 29.1 24.3 36.5

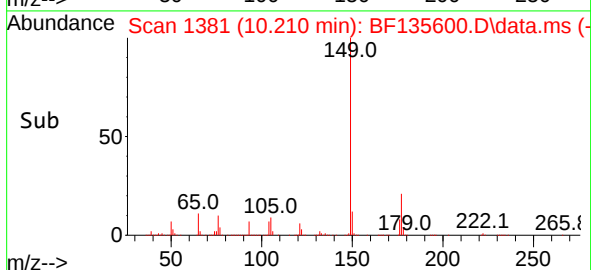
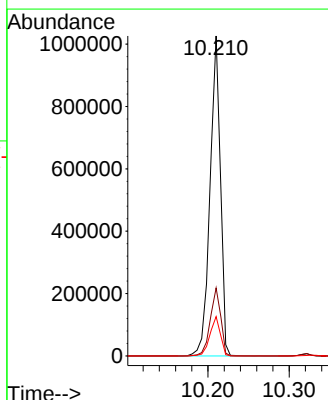
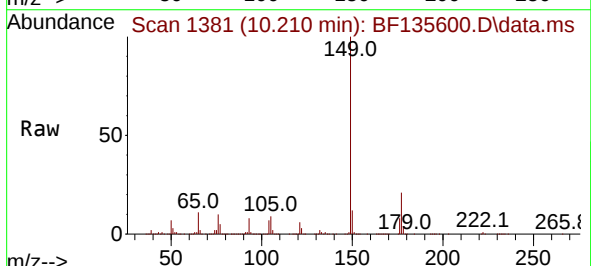
Manual Integrations
APPROVED

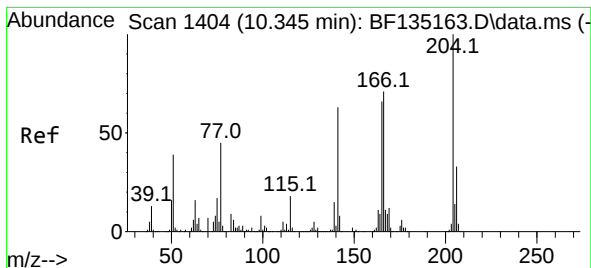
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#60
Diethylphthalate
Concen: 45.914 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

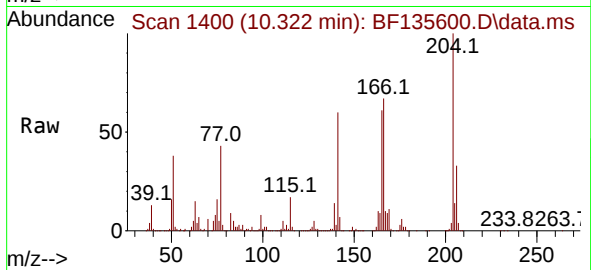
Tgt Ion:149 Resp: 910268
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.872 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

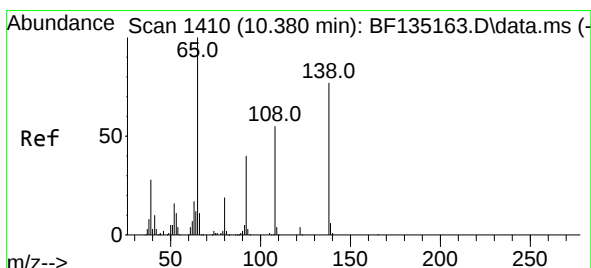
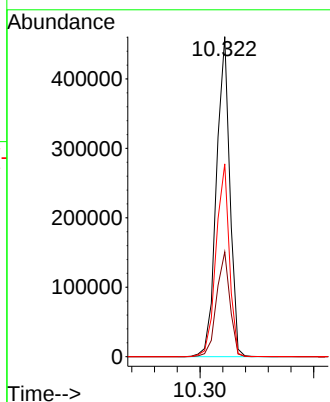
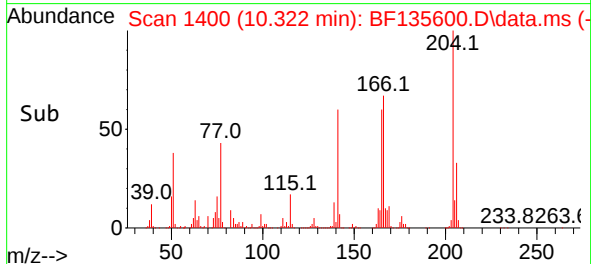
Instrument :
BNA_F
ClientSampleId :
PB156098BS



Tgt Ion:204 Resp: 37741
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 60.2 50.6 75.8

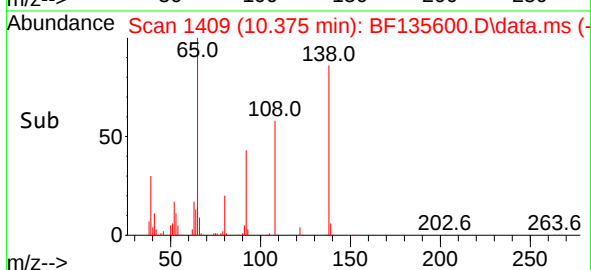
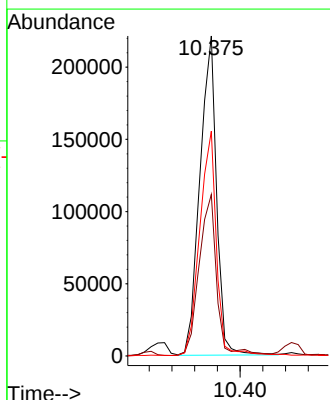
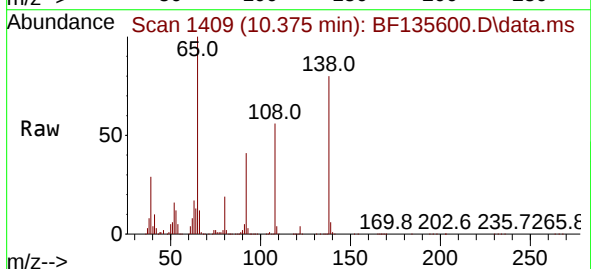
Manual Integrations
APPROVED

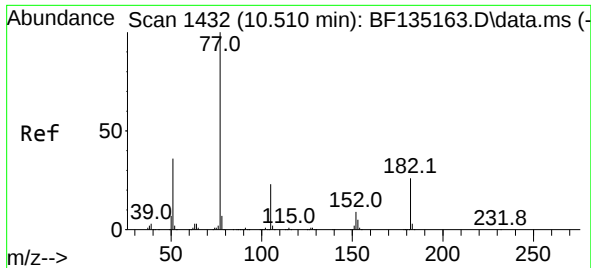
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#62
4-Nitroaniline
Concen: 46.024 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

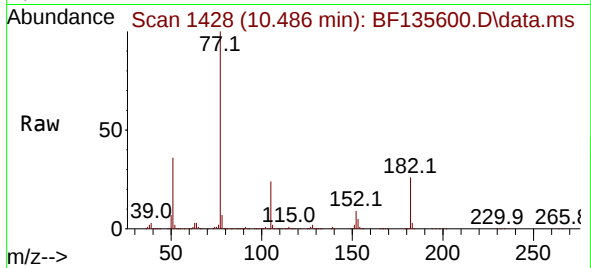
Tgt Ion:138 Resp: 224734
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 70.3 52.0 92.0





#63
Azobenzene
Concen: 47.372 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

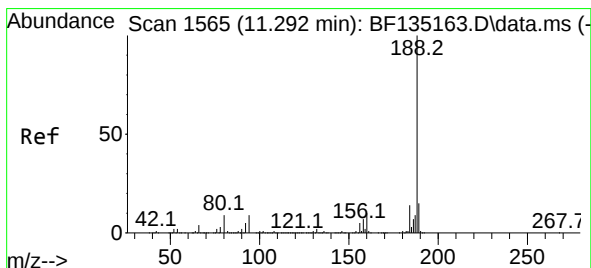
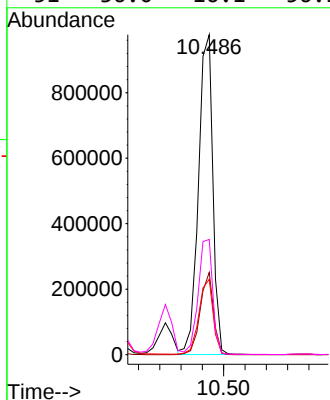
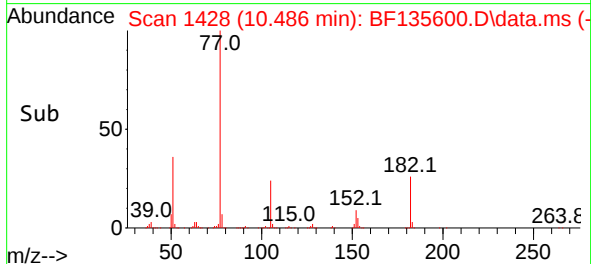
Instrument :
BNA_F
ClientSampleId :
PB156098BS



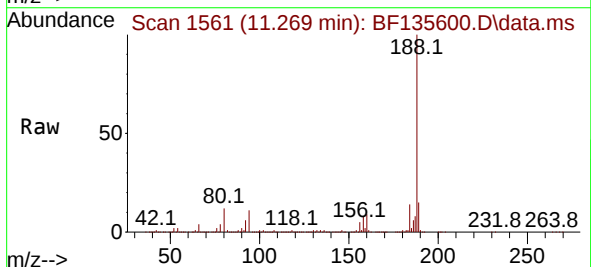
Tgt Ion: 77 Resp: 919154
Ion Ratio Lower Upper
77 100
182 25.7 6.4 46.4
105 23.6 3.1 43.1
51 36.0 16.1 56.1

Manual Integrations
APPROVED

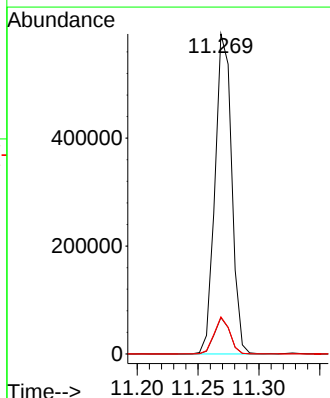
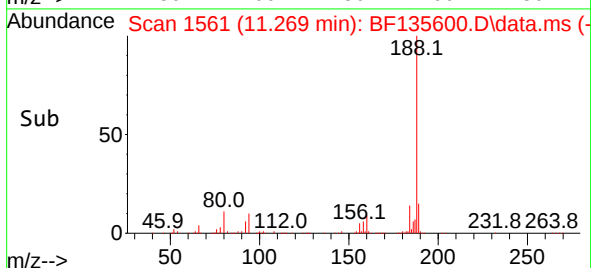
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

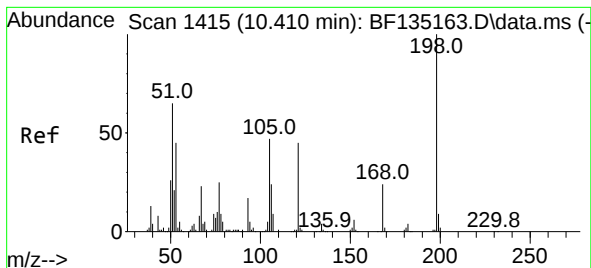


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:188 Resp: 566386
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.6 7.5 11.3#





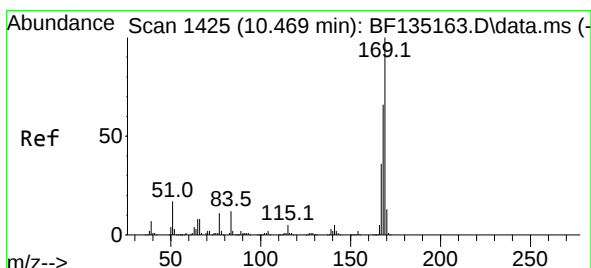
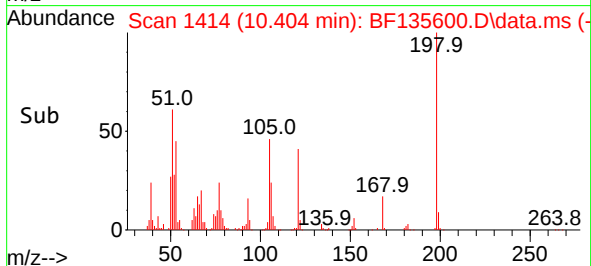
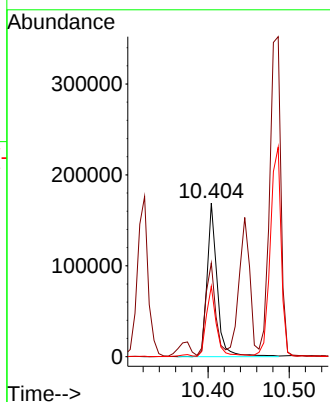
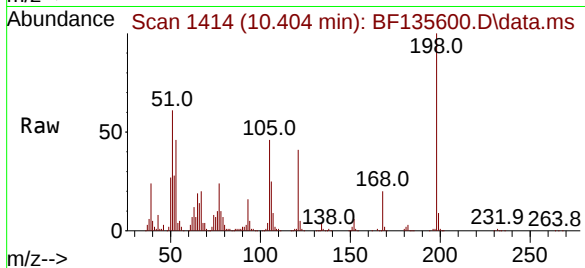
#65
4,6-Dinitro-2-methylphenol
Concen: 48.242 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156098BS

Tgt Ion:198 Resp: 145120
Ion Ratio Lower Upper
198 100
51 60.9 47.7 87.7
105 45.9 27.4 67.4

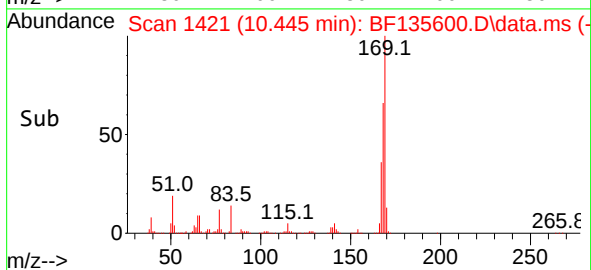
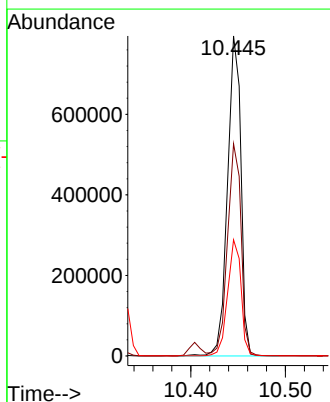
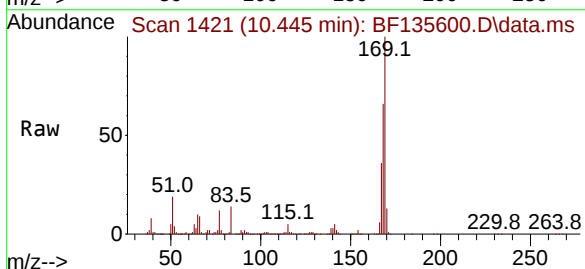
Manual Integrations
APPROVED

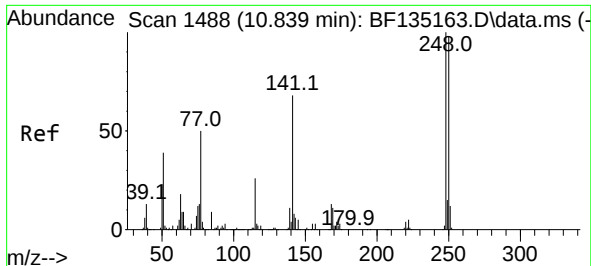
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#66
n-Nitrosodiphenylamine
Concen: 45.328 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

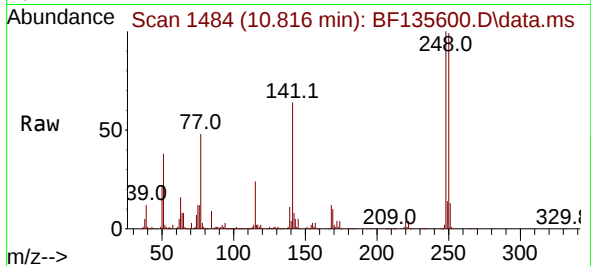
Tgt Ion:169 Resp: 777245
Ion Ratio Lower Upper
169 100
168 66.3 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.009 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

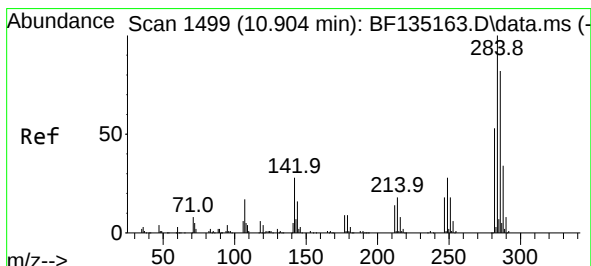
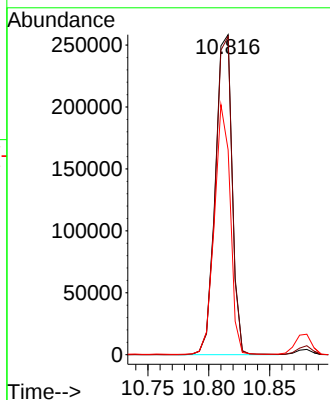
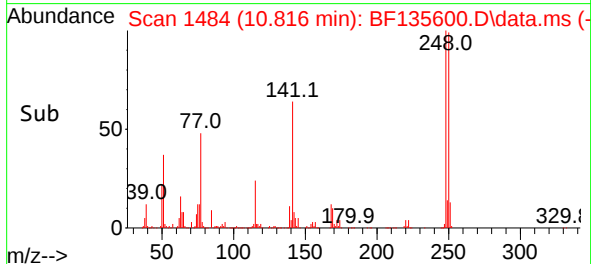
Instrument :
BNA_F
ClientSampleId :
PB156098BS



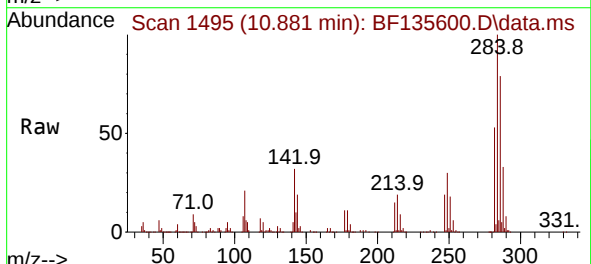
Tgt Ion:248 Resp: 247900
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 64.0 54.2 81.2

Manual Integrations
APPROVED

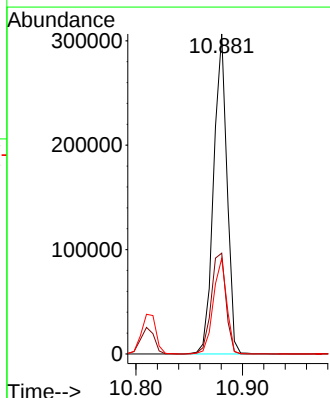
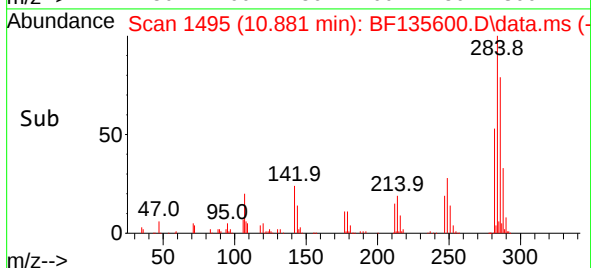
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

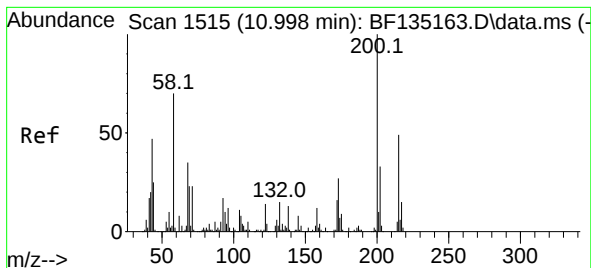


#68
Hexachlorobenzene
Concen: 46.350 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:284 Resp: 265999
Ion Ratio Lower Upper
284 100
142 31.5 22.2 33.4
249 29.8 22.5 33.7





#69

Atrazine

Concen: 52.904 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135600.D

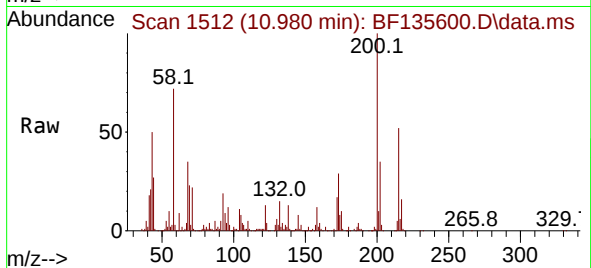
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS



Tgt Ion:200 Resp: 24408

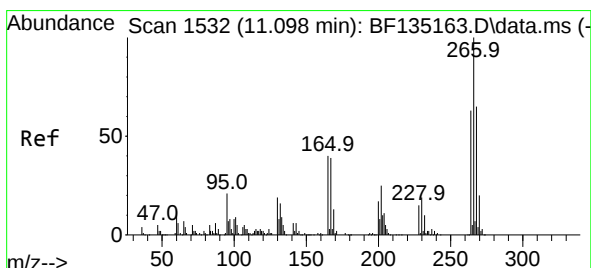
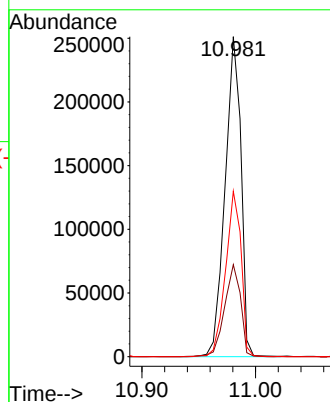
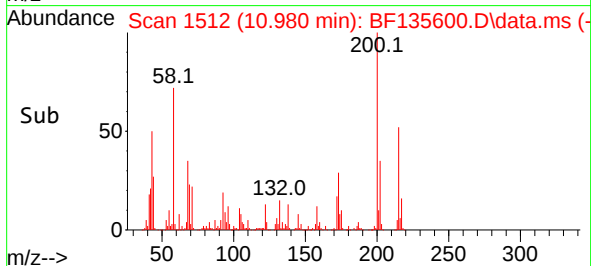
Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.4	47.4
215	51.7	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#70

Pentachlorophenol

Concen: 68.562 ng

RT: 11.086 min Scan# 1530

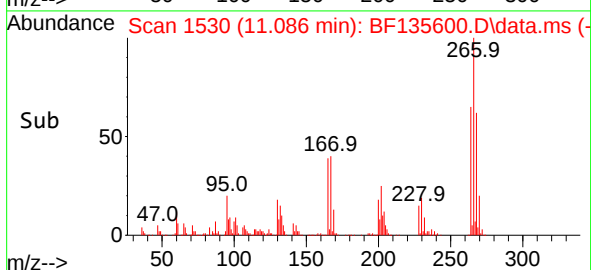
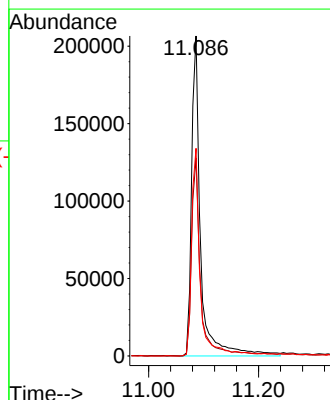
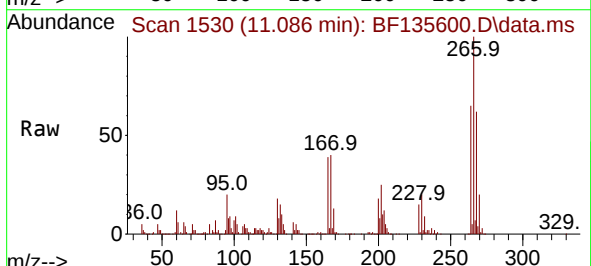
Delta R.T. 0.006 min

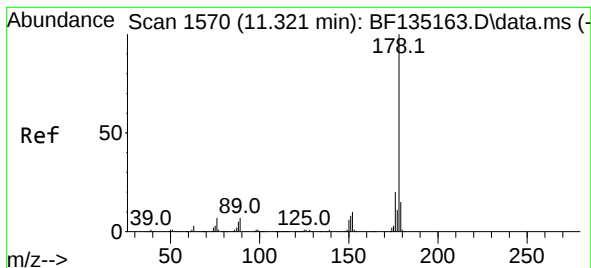
Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Tgt Ion:266 Resp: 235412

Ion	Ratio	Lower	Upper
266	100		
268	61.8	52.1	78.1
264	64.9	50.8	76.2





#71

Phenanthrene

Concen: 45.609 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

Tgt Ion:178 Resp: 122176

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

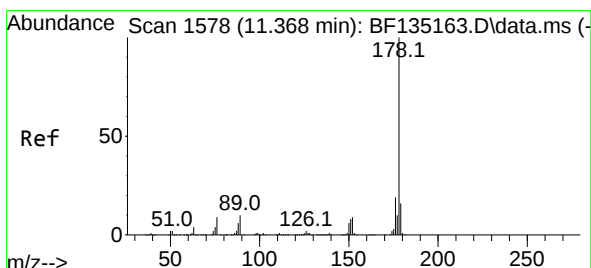
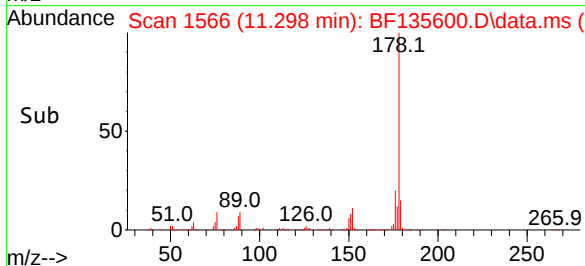
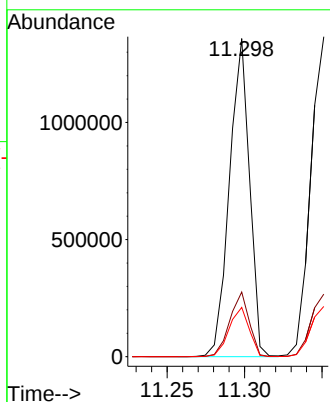
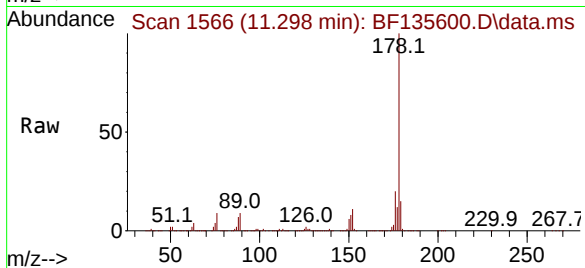
179 15.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#72

Anthracene

Concen: 45.132 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

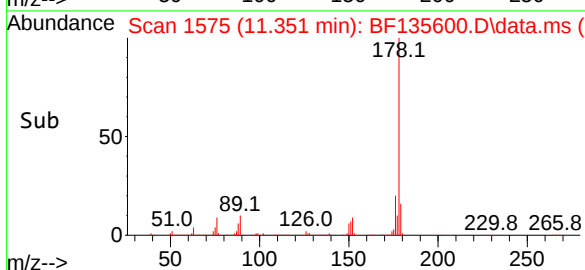
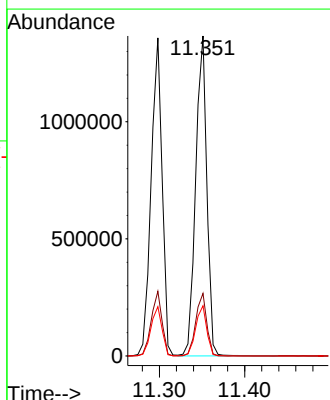
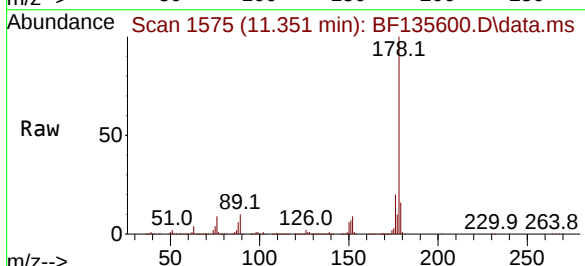
Tgt Ion:178 Resp: 1242711

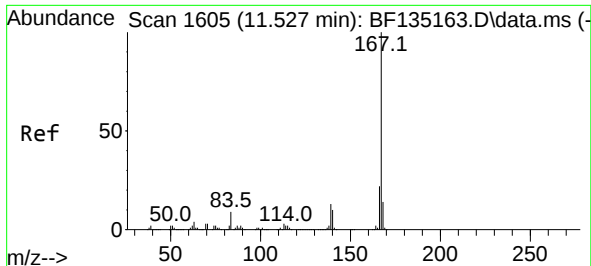
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

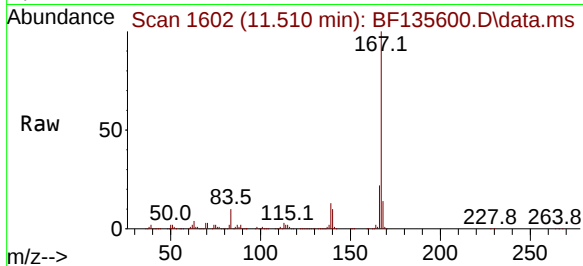
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 48.928 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF135600.D
 Acq: 05 Oct 2023 15:24

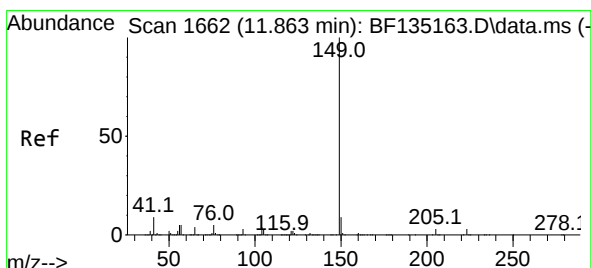
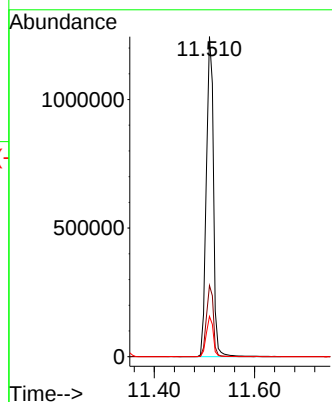
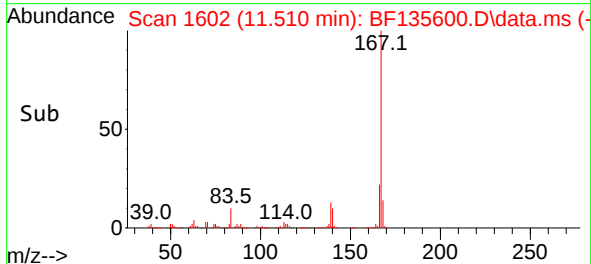
Instrument :
 BNA_F
 ClientSampleId :
 PB156098BS



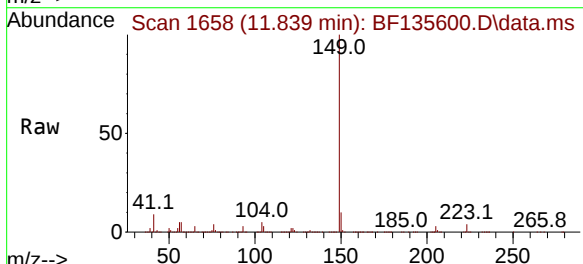
Tgt Ion:167 Resp: 1226410
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.6 10.6 15.8

Manual Integrations
 APPROVED

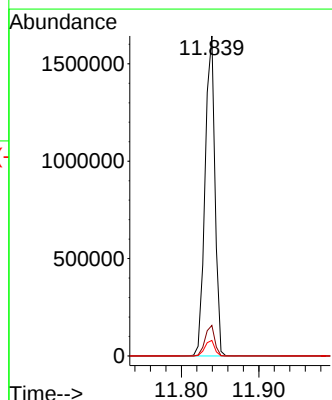
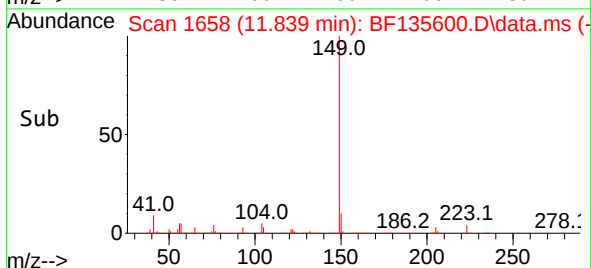
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

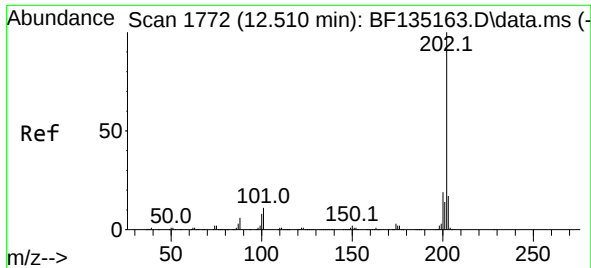


#74
 Di-n-butylphthalate
 Concen: 49.112 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.006 min
 Lab File: BF135600.D
 Acq: 05 Oct 2023 15:24



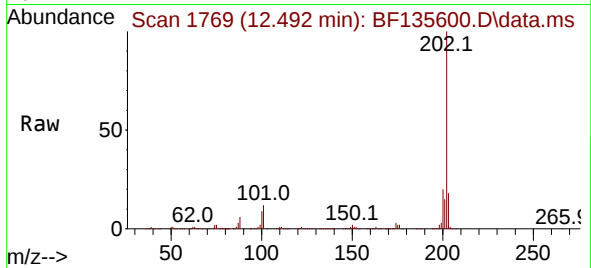
Tgt Ion:149 Resp: 1450562
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 47.869 ng
RT: 12.492 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

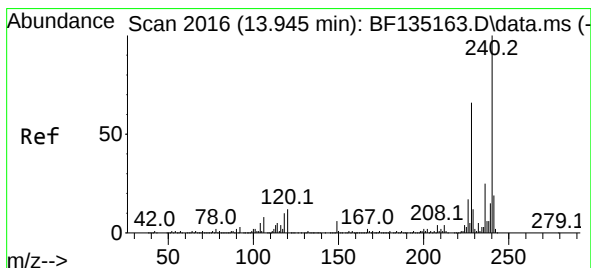
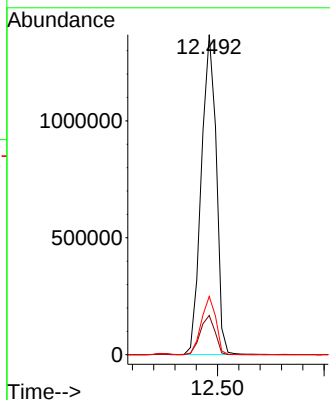
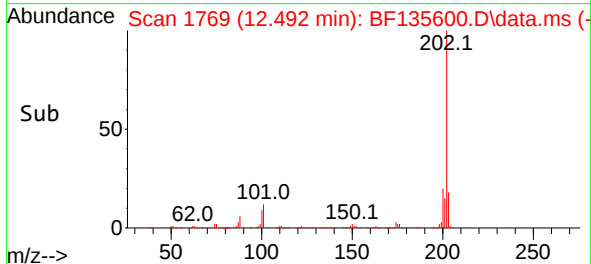
Instrument :
BNA_F
ClientSampleId :
PB156098BS



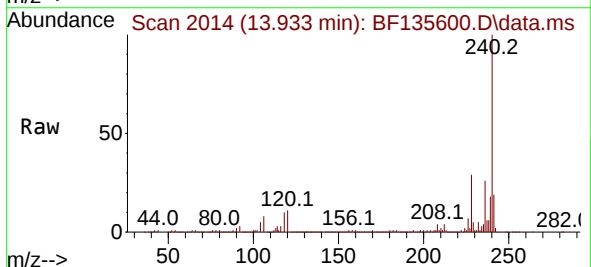
Tgt Ion:202 Resp: 1336130
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.3
203 18.2 0.0 37.4

Manual Integrations
APPROVED

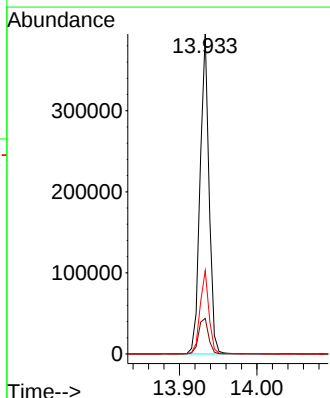
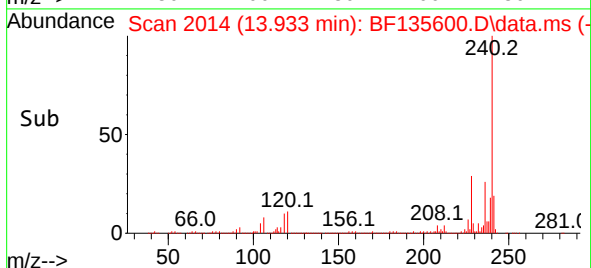
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

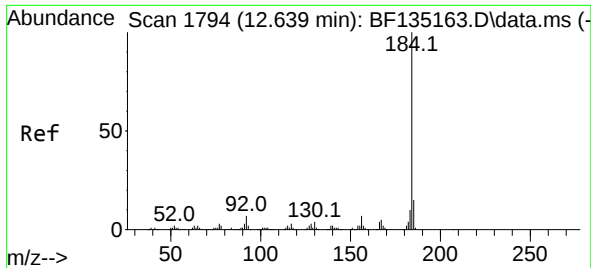


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:240 Resp: 316760
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.0 19.8 29.8





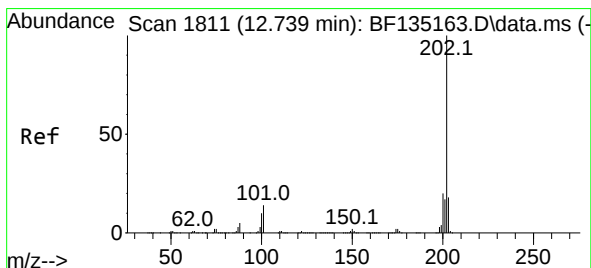
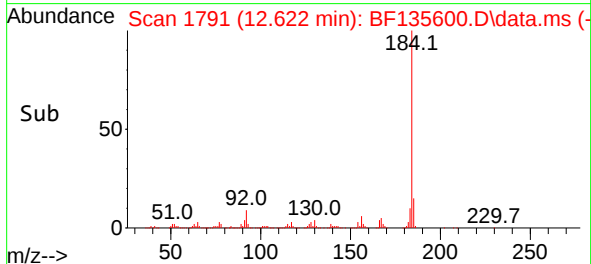
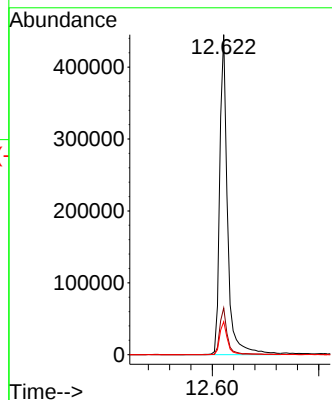
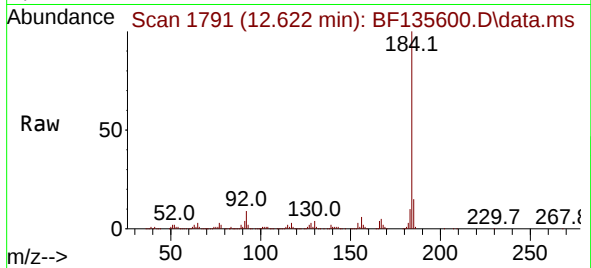
#77
Benzidine
Concen: 69.692 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB156098BS

Tgt Ion:184 Resp: 452260
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.3 8.2 12.4

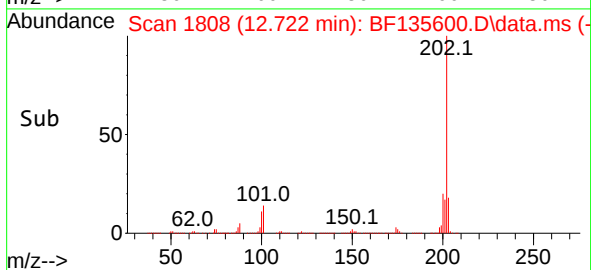
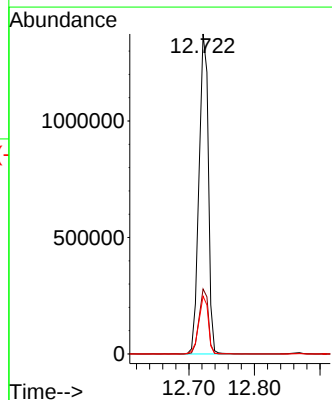
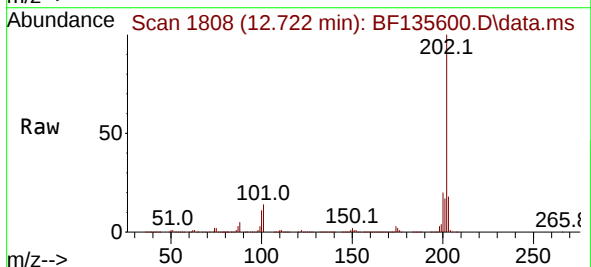
Manual Integrations
APPROVED

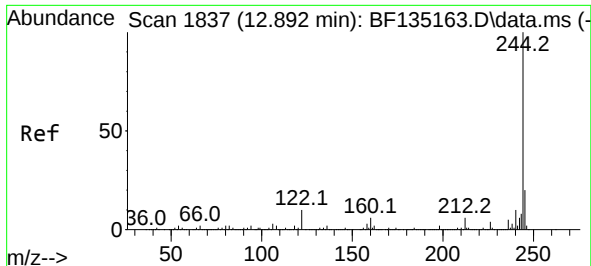
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#78
Pyrene
Concen: 45.224 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:202 Resp: 1363869
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 18.1 14.2 21.4





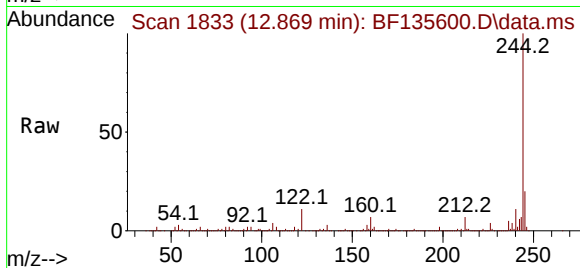
#79
 Terphenyl-d14
 Concen: 82.244 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135600.D
 Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

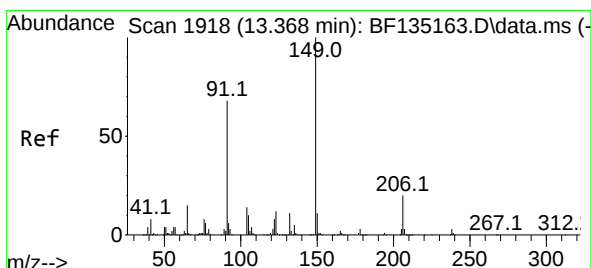
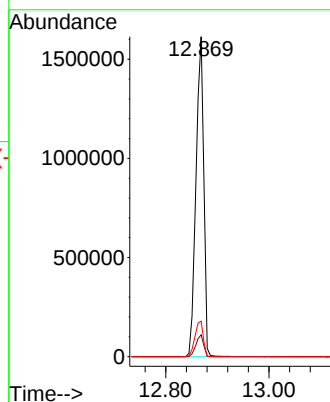
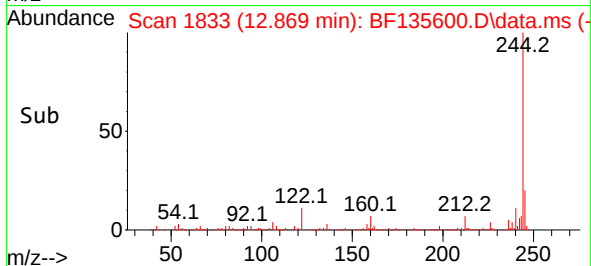


Tgt Ion:244 Resp: 1680539
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.1 7.9 11.9

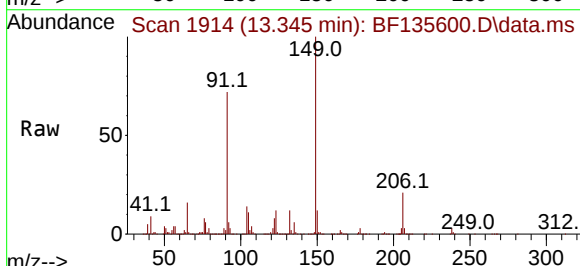
Manual Integrations

APPROVED

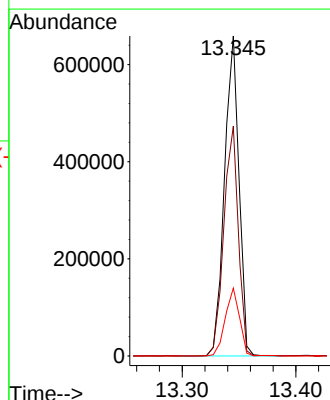
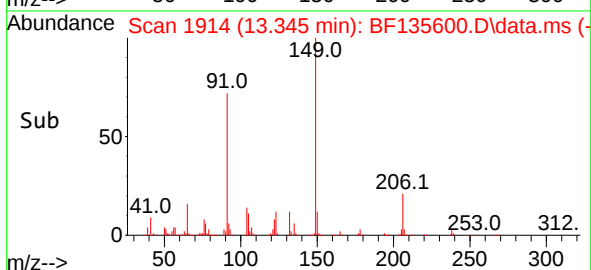
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

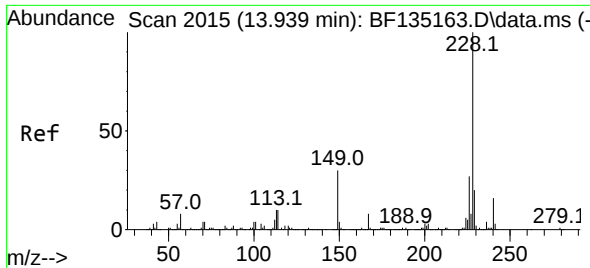


#80
 Butylbenzylphthalate
 Concen: 55.063 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135600.D
 Acq: 05 Oct 2023 15:24



Tgt Ion:149 Resp: 584661
 Ion Ratio Lower Upper
 149 100
 91 71.8 54.7 82.1
 206 21.2 16.3 24.5





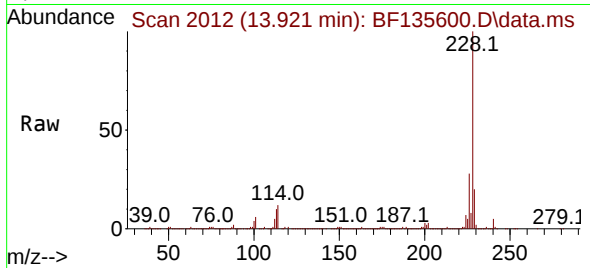
#81
Benzo(a)anthracene
Concen: 48.093 ng
RT: 13.921 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

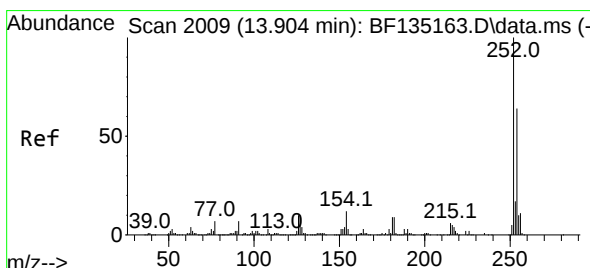
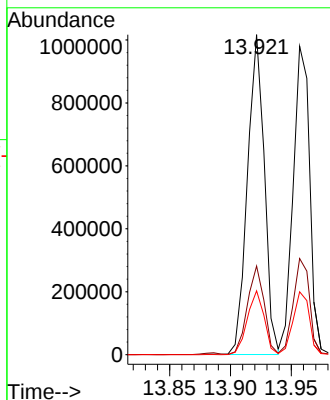
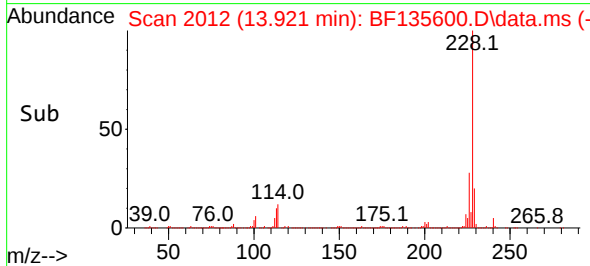


Tgt Ion:228 Resp: 983700
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.0 15.8 23.8

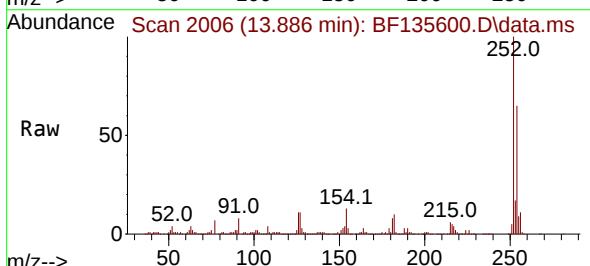
Manual Integrations

APPROVED

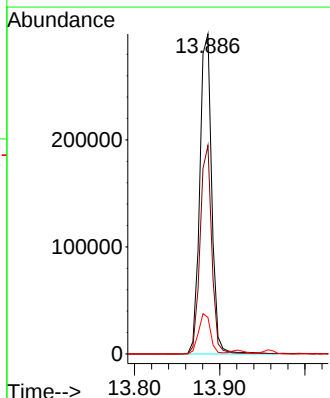
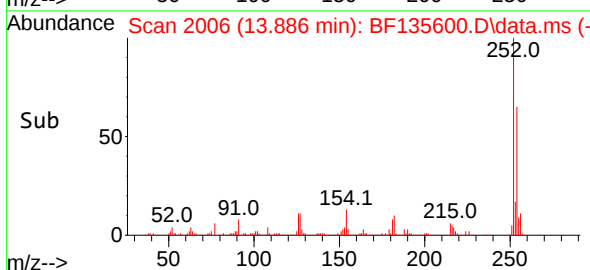
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

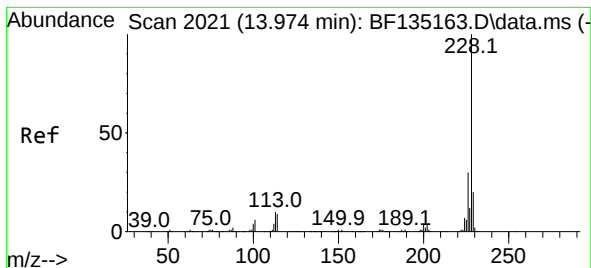


#82
3,3'-Dichlorobenzidine
Concen: 45.615 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24



Tgt Ion:252 Resp: 291430
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 11.4 7.8 11.8





#83

Chrysene

Concen: 45.783 ng

RT: 13.957 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF135600.D

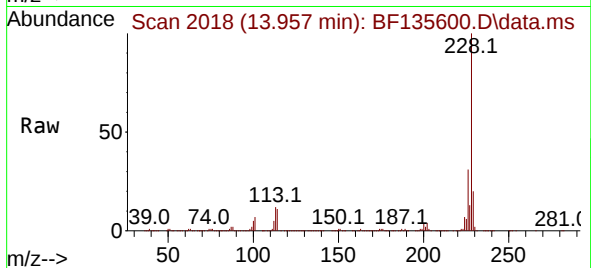
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS



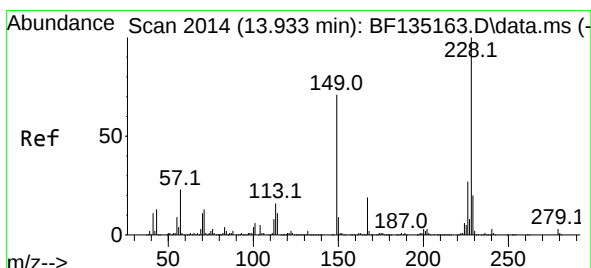
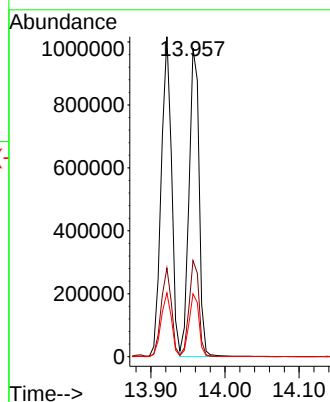
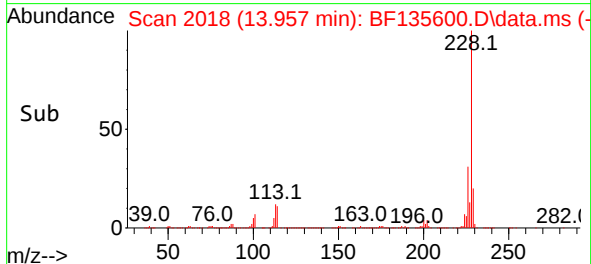
Tgt Ion:	228	Resp:	931044
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.3	36.5
229	20.4	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#84

Bis(2-ethylhexyl)phthalate

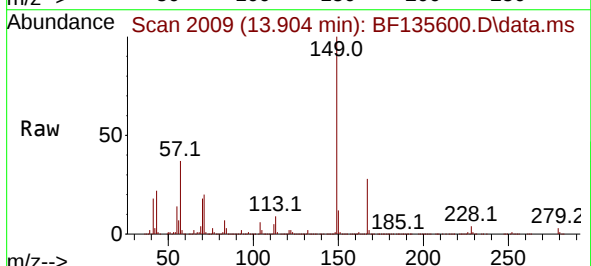
Concen: 68.129 ng

RT: 13.904 min Scan# 2009

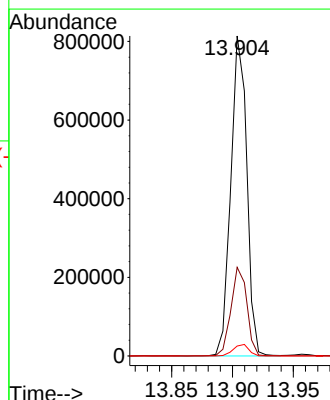
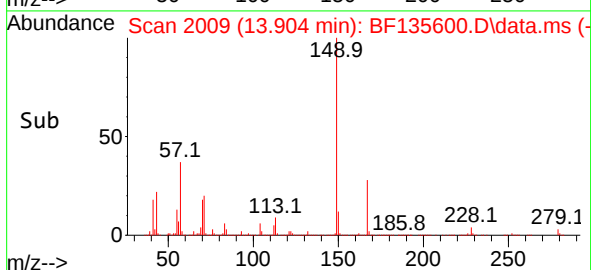
Delta R.T. 0.000 min

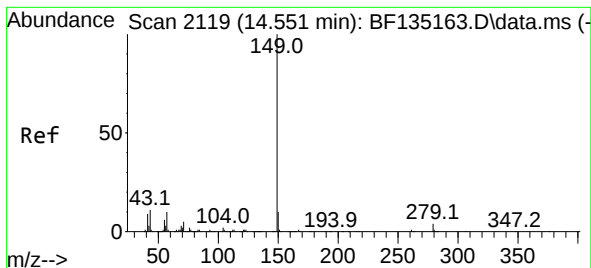
Lab File: BF135600.D

Acq: 05 Oct 2023 15:24



Tgt Ion:	149	Resp:	742337
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.9	32.9
279	3.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 61.569 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135600.D

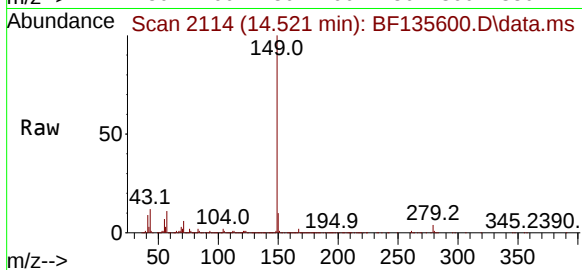
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS



Tgt Ion:149 Resp: 106612

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

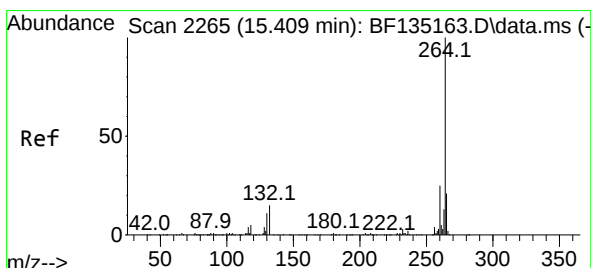
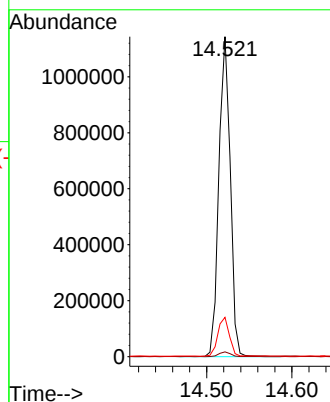
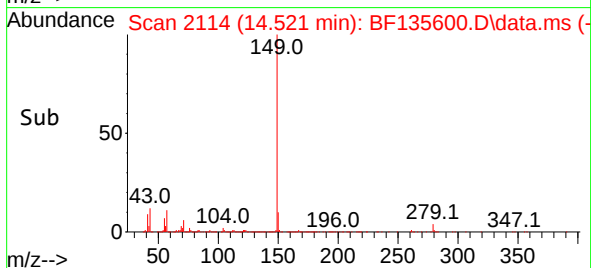
43 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

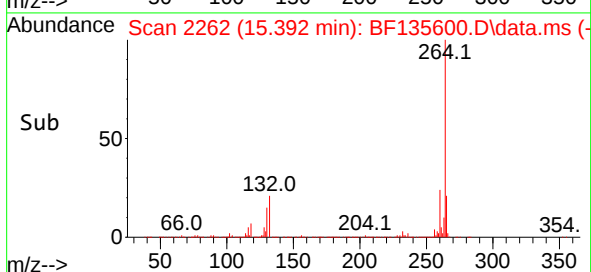
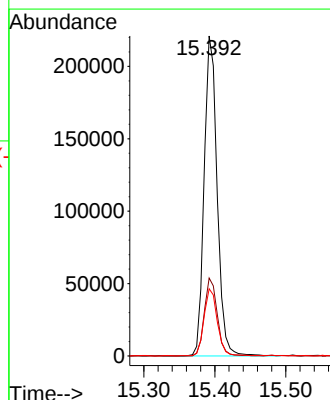
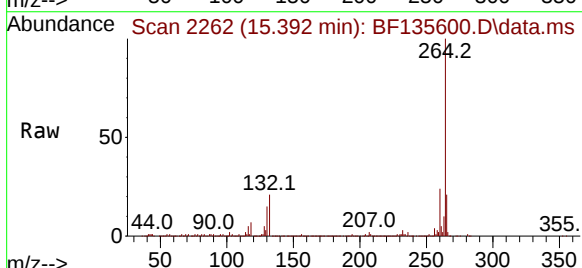
Tgt Ion:264 Resp: 281790

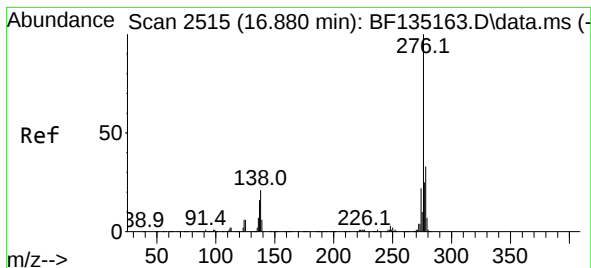
Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.095 ng

RT: 16.892 min Scan# 2190

Delta R.T. 0.024 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

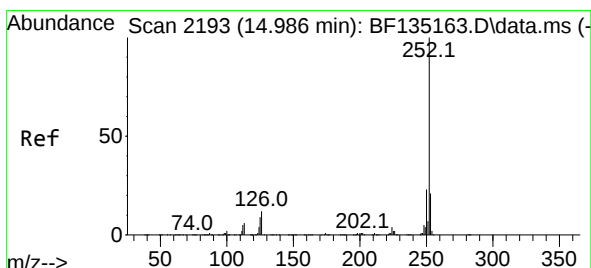
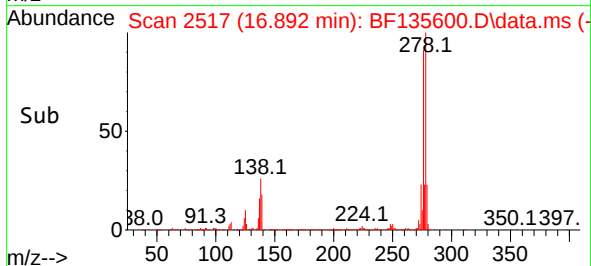
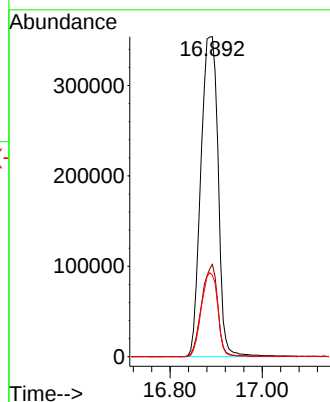
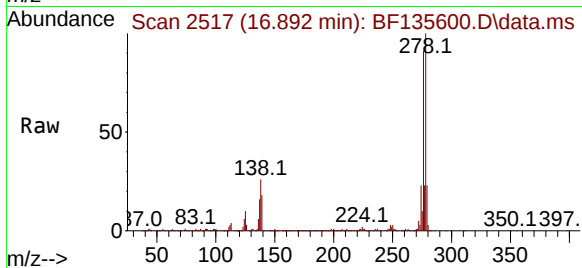
PB156098BS

Tgt Ion:276 Resp: 925550
 Ion Ratio Lower Upper
 276 100
 138 27.0 19.2 28.8
 277 24.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023



#88

Benzo(b)fluoranthene

Concen: 52.416 ng

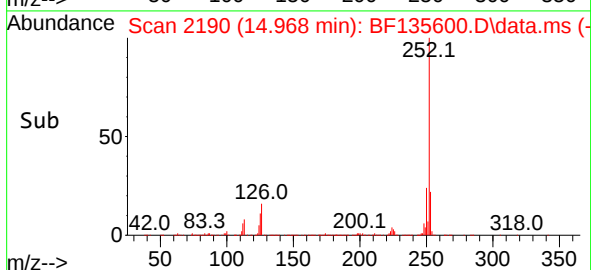
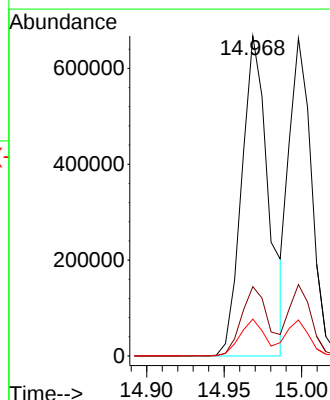
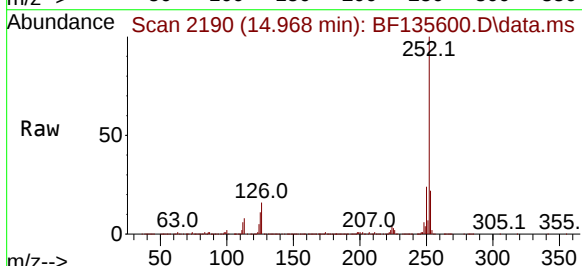
RT: 14.968 min Scan# 2190

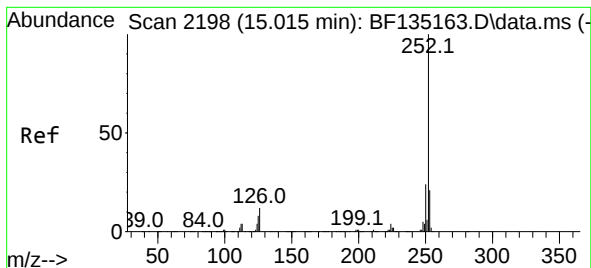
Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Tgt Ion:252 Resp: 799571
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 11.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 44.502 ng

RT: 14.998 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB156098BS

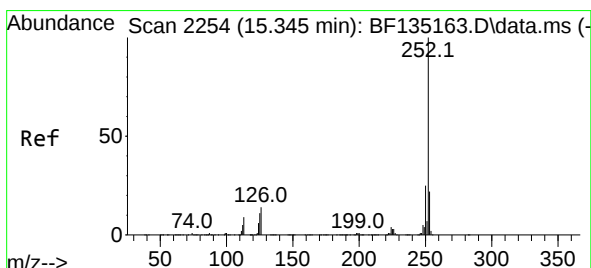
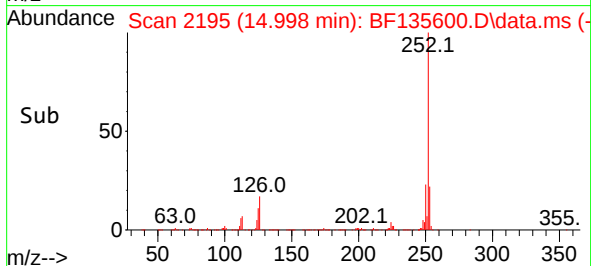
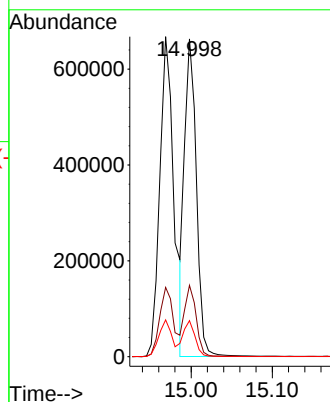
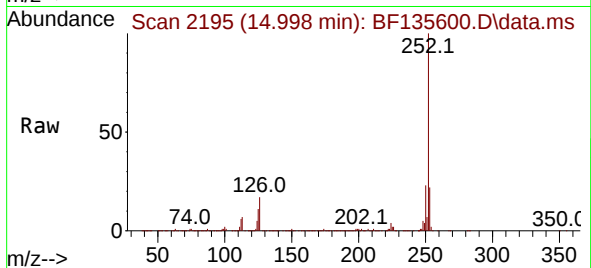
Tgt Ion:252 Resp: 67057
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 11.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#90

Benzo(a)pyrene

Concen: 46.330 ng

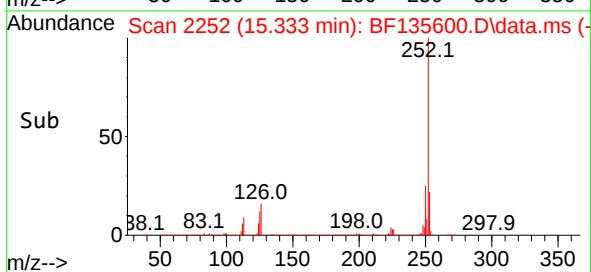
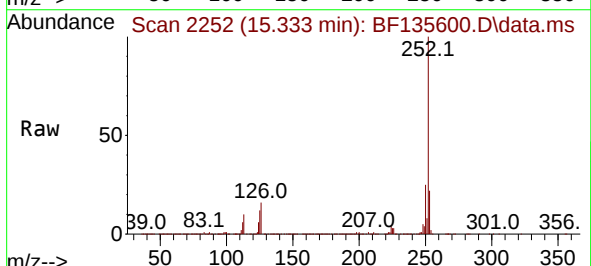
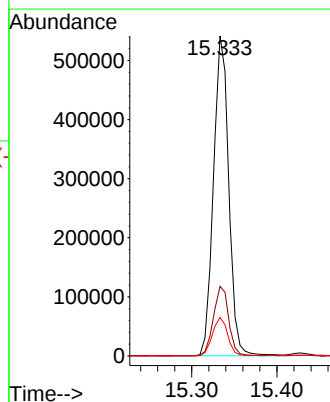
RT: 15.333 min Scan# 2252

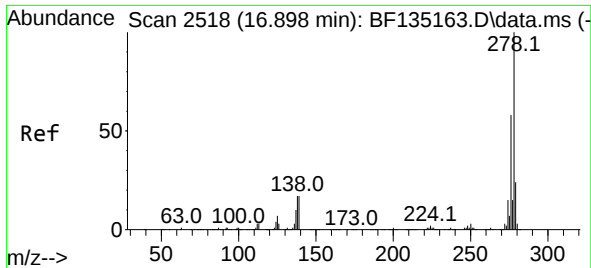
Delta R.T. 0.006 min

Lab File: BF135600.D

Acq: 05 Oct 2023 15:24

Tgt Ion:252 Resp: 673968
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 12.1 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.364 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.018 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Instrument :

BNA_F

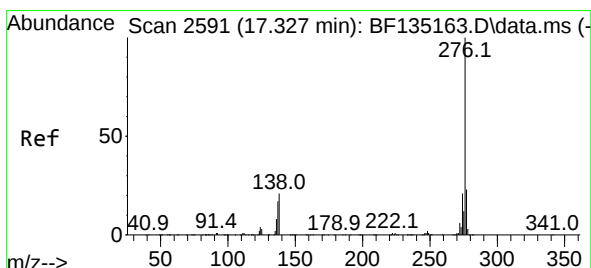
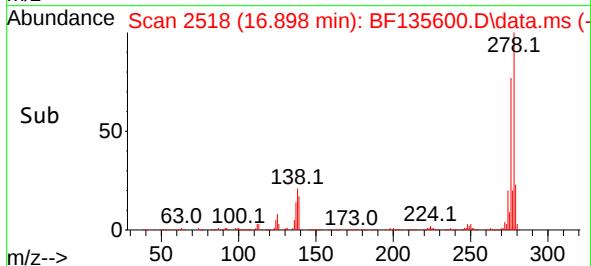
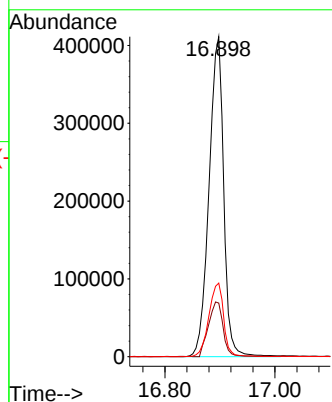
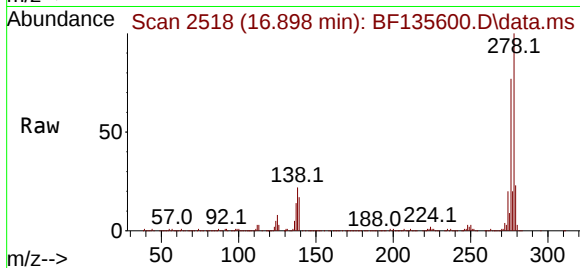
ClientSampleId :

PB156098BS

Tgt Ion:278 Resp: 76136
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 23.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#92
Benzo(g,h,i)perylene
Concen: 50.955 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.018 min
Lab File: BF135600.D
Acq: 05 Oct 2023 15:24

Tgt Ion:276 Resp: 804484
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 22.8 16.9 25.3

