

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138809.D
 Acq On : 06 Aug 2024 14:55
 Operator : RC/JU
 Sample : PB162384BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162384BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 06 15:20:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	51692	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218643	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120829	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214358	20.000	ng	0.00
76) Chrysene-d12	14.004	240	106576	20.000	ng	0.00
86) Perylene-d12	15.462	264	95791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	439879	131.359	ng	0.02
7) Phenol-d6	6.492	99	572971	127.442	ng	0.00
23) Nitrobenzene-d5	7.416	82	370001	82.737	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	145719	147.228	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	710020	88.290	ng	0.00
79) Terphenyl-d14	12.945	244	710912	111.682	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	46260	31.554	ng	96
3) Pyridine	3.463	79	118286	33.306	ng	95
4) n-Nitrosodimethylamine	3.428	42	99101	46.852	ng	91
6) Aniline	6.510	93	133693	33.344	ng	# 20
8) 2-Chlorophenol	6.634	128	173610	49.276	ng	96
9) Benzaldehyde	6.398	77	120063	44.549	ng	98
10) Phenol	6.510	94	219683	46.408	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	160967	44.189	ng	97
12) 1,3-Dichlorobenzene	6.781	146	173566	44.010	ng	99
13) 1,4-Dichlorobenzene	6.863	146	180728	45.409	ng	99
14) 1,2-Dichlorobenzene	7.010	146	173137	46.547	ng	99
15) Benzyl Alcohol	6.992	79	161132	49.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256072	40.847	ng	59
17) 2-Methylphenol	7.110	107	138127	47.478	ng	# 88
18) Hexachloroethane	7.351	117	66591	44.449	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	132329	48.732	ng	98
20) 3+4-Methylphenols	7.263	107	184716	49.486	ng	# 81
22) Acetophenone	7.257	105	231619	43.265	ng	99
24) Nitrobenzene	7.434	77	193594	42.543	ng	97
25) Isophorone	7.669	82	339284	44.431	ng	99
26) 2-Nitrophenol	7.745	139	91164	46.564	ng	97
27) 2,4-Dimethylphenol	7.786	122	117249	50.054	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	202834	43.618	ng	99
29) 2,4-Dichlorophenol	7.992	162	140305	46.612	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	153792	44.274	ng	99
31) Naphthalene	8.145	128	511521	44.446	ng	100
32) Benzoic acid	7.939	122	76568	41.583	ng	99
33) 4-Chloroaniline	8.198	127	86950	22.507	ng	99
34) Hexachlorobutadiene	8.257	225	91838	43.650	ng	100
35) Caprolactam	8.592	113	40267m	44.833	ng	
36) 4-Chloro-3-methylphenol	8.692	107	163612	47.561	ng	99
37) 2-Methylnaphthalene	8.839	142	337950	46.496	ng	100
38) 1-Methylnaphthalene	8.933	142	312662	43.899	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	145624	43.386	ng	98
41) Hexachlorocyclopentadiene	8.986	237	106560	116.466	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	96874	47.337	ng	100

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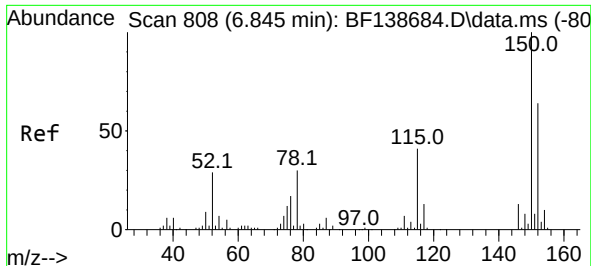
Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	104332	46.634	ng	98
46) 1,1'-Biphenyl	9.304	154	401802	42.460	ng	99
47) 2-Chloronaphthalene	9.327	162	316074	44.909	ng	99
48) 2-Nitroaniline	9.433	65	110525	46.323	ng	99
49) Acenaphthylene	9.745	152	497368	49.826	ng	100
50) Dimethylphthalate	9.604	163	383738	49.669	ng	99
51) 2,6-Dinitrotoluene	9.675	165	81287	46.620	ng	95
52) Acenaphthene	9.916	154	300729	44.817	ng	99
53) 3-Nitroaniline	9.845	138	53360	29.603	ng	98
54) 2,4-Dinitrophenol	9.963	184	81171	101.130	ng	92
55) Dibenzofuran	10.086	168	451168	47.632	ng	99
56) 4-Nitrophenol	10.027	139	96682	89.196	ng	97
57) 2,4-Dinitrotoluene	10.080	165	111312	50.038	ng	# 88
58) Fluorene	10.427	166	367921	48.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	89130	52.110	ng	96
60) Diethylphthalate	10.304	149	375684	51.284	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	180547	48.668	ng	96
62) 4-Nitroaniline	10.463	138	77449	45.214	ng	91
63) Azobenzene	10.580	77	381102	46.906	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63756	48.752	ng	98
66) n-Nitrosodiphenylamine	10.539	169	313615	46.806	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	107087	46.142	ng	97
68) Hexachlorobenzene	10.974	284	111963	46.724	ng	98
69) Atrazine	11.069	200	93940	54.341	ng	99
70) Pentachlorophenol	11.180	266	90425	83.719	ng	98
71) Phenanthrene	11.392	178	518501	46.975	ng	99
72) Anthracene	11.445	178	528074	48.564	ng	100
73) Carbazole	11.604	167	441059	47.015	ng	100
74) Di-n-butylphthalate	11.921	149	573822	54.411	ng	100
75) Fluoranthene	12.580	202	495703	48.106	ng	99
77) Benzidine	12.698	184	35995	14.121	ng	98
78) Pyrene	12.810	202	493978	49.228	ng	100
80) Butylbenzylphthalate	13.415	149	168030	52.292	ng	97
81) Benzo(a)anthracene	13.992	228	341942	46.592	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	63582	33.855	ng	99
83) Chrysene	14.033	228	321120	48.499	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	196600	41.782	ng	99
85) Di-n-octyl phthalate	14.580	149	331284	38.054	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	327018	47.637	ng	97
88) Benzo(b)fluoranthene	15.039	252	278083	46.830	ng	98
89) Benzo(k)fluoranthene	15.068	252	283966	55.232	ng	99
90) Benzo(a)pyrene	15.404	252	254457	50.944	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	266389	47.273	ng	98
92) Benzo(g,h,i)perylene	17.386	276	248018	42.414	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

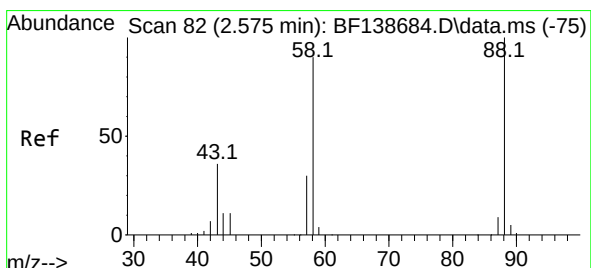
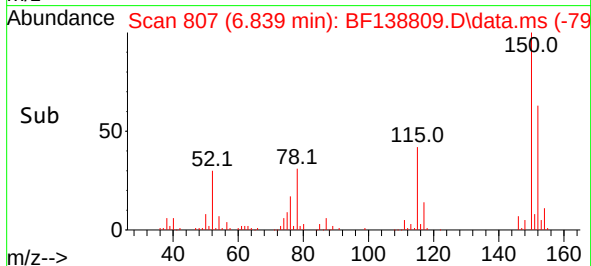
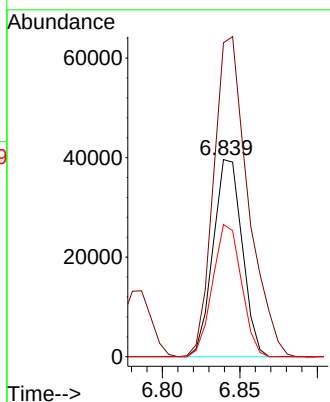
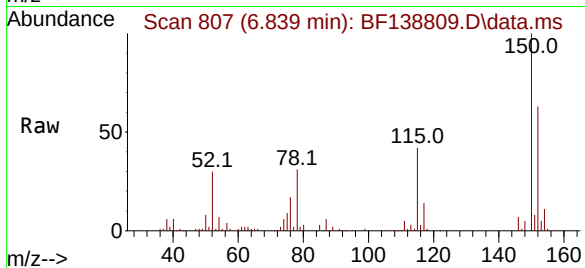
PB162384BS

Tgt Ion:152 Resp: 5169
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 67.0 51.7 77.5

Manual Integrations

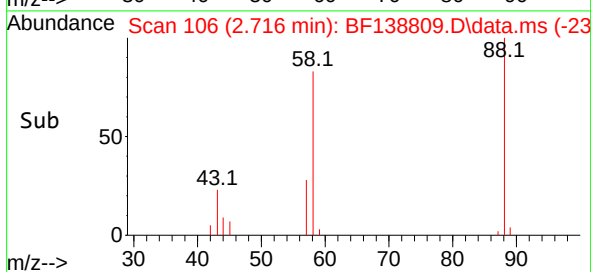
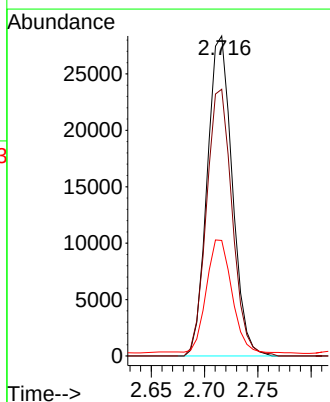
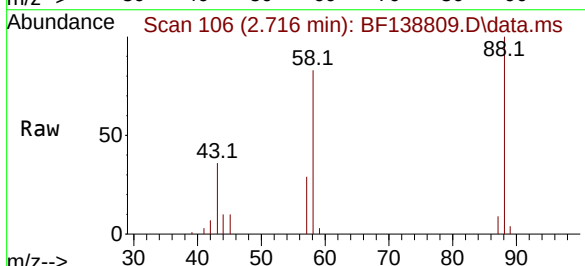
APPROVED

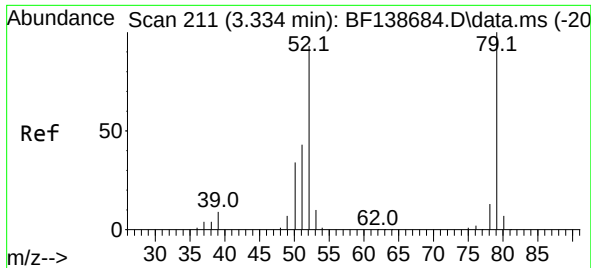
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#2
1,4-Dioxane
Concen: 31.554 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.141 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 88 Resp: 46260
Ion Ratio Lower Upper
88 100
58 85.7 71.6 107.4
43 37.3 28.7 43.1





#3

Pyridine

Concen: 33.306 ng

RT: 3.463 min Scan# 211

Delta R.T. 0.129 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

Tgt Ion: 79 Resp: 11828

Ion Ratio Lower Upper

79 100

52 87.3 74.7 112.1

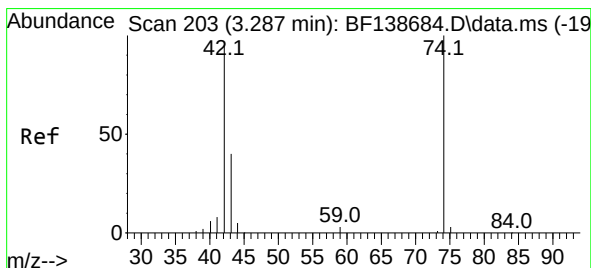
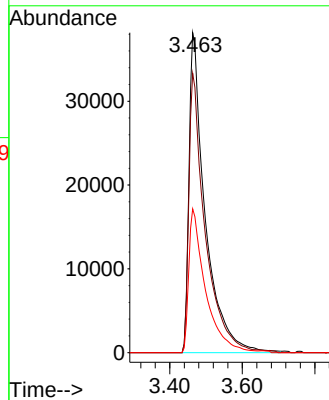
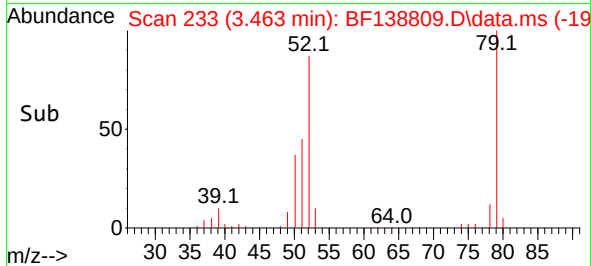
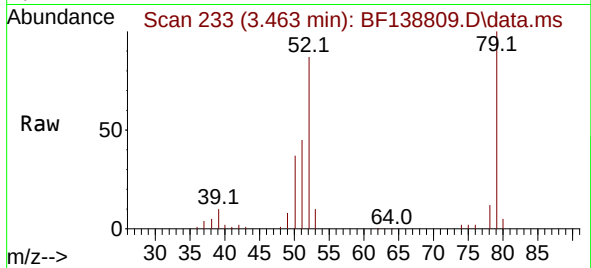
51 45.0 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/08/2024



#4

n-Nitrosodimethylamine

Concen: 46.852 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.141 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

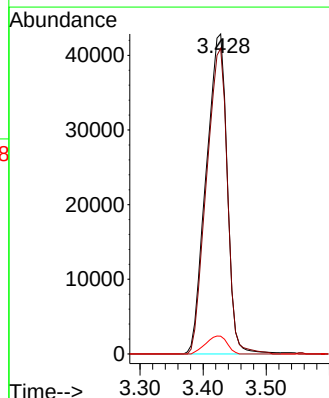
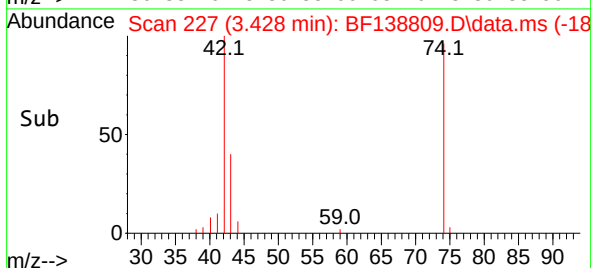
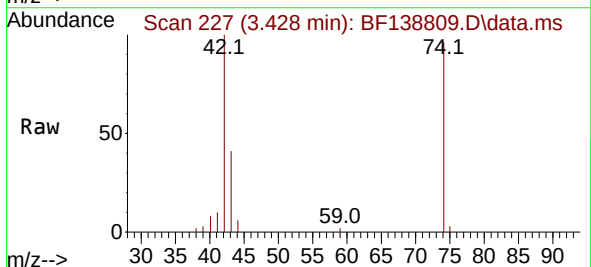
Tgt Ion: 42 Resp: 99101

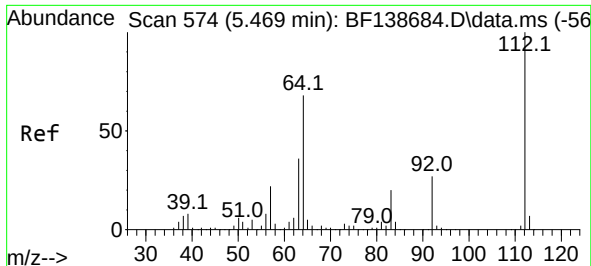
Ion Ratio Lower Upper

42 100

74 95.5 84.2 126.4

44 5.6 4.9 7.3





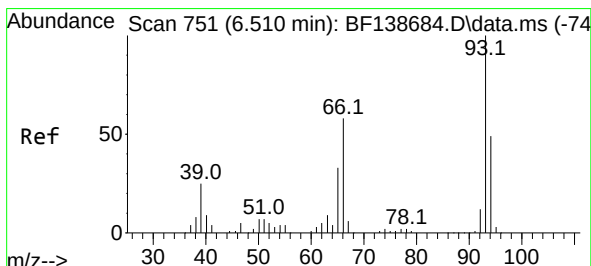
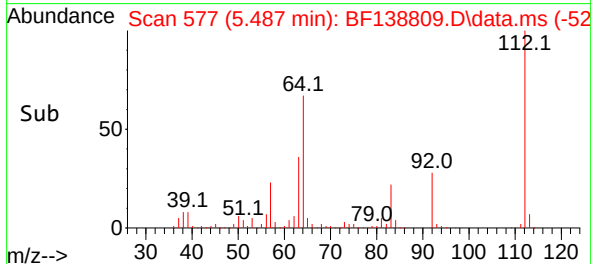
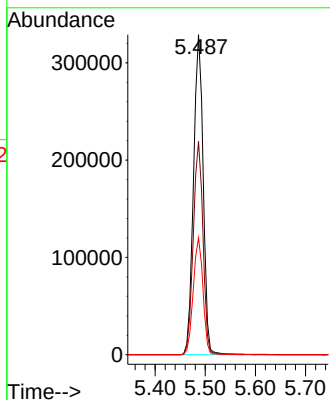
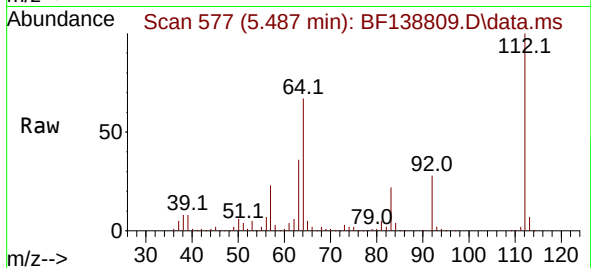
#5
2-Fluorophenol
Concen: 131.359 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion:112 Resp: 439879
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.5 28.7 43.1

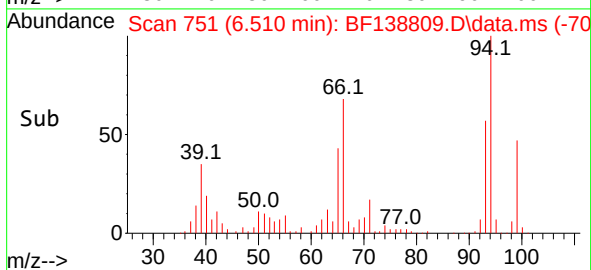
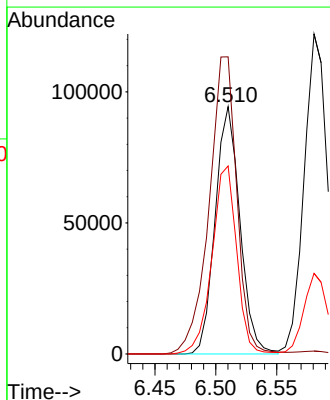
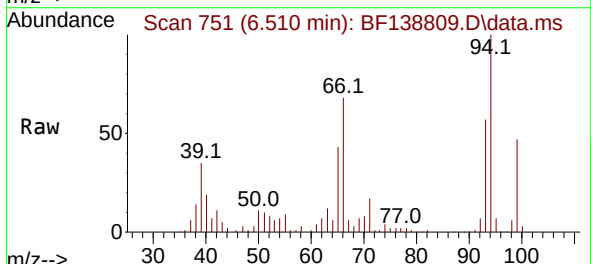
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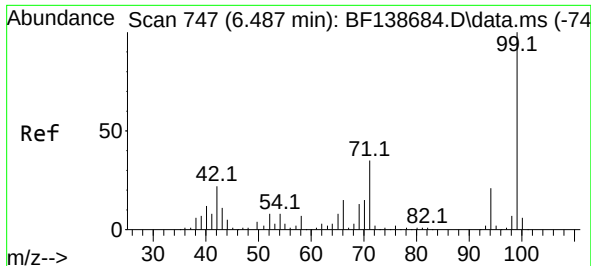
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#6
Aniline
Concen: 33.344 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

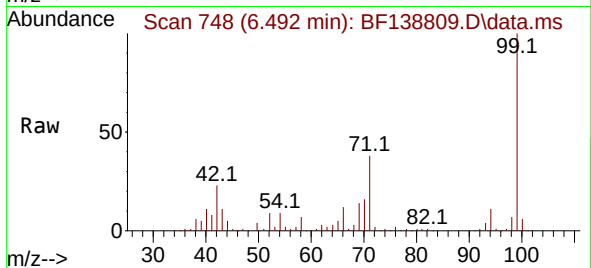
Tgt Ion: 93 Resp: 133693
Ion Ratio Lower Upper
93 100
66 120.1 46.9 70.3#
65 76.0 26.5 39.7#





#7
Phenol-d6
Concen: 127.442 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

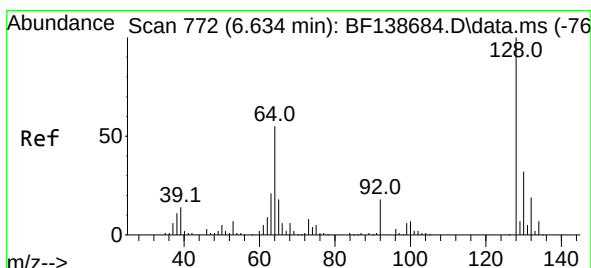
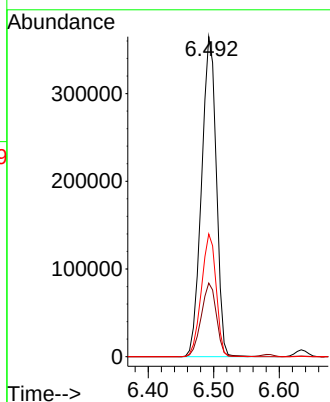
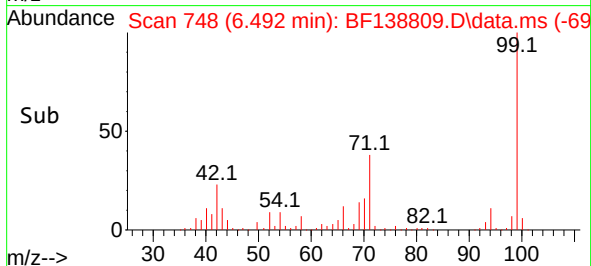
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion: 99 Resp: 57297
Ion Ratio Lower Upper
99 100
42 23.0 17.4 26.0
71 38.3 28.1 42.1

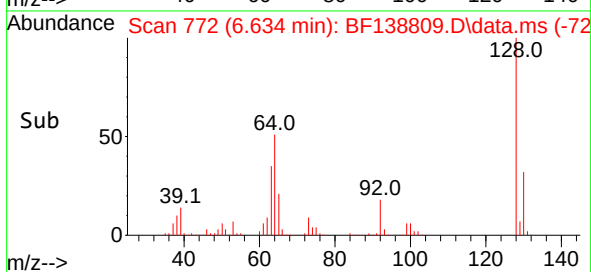
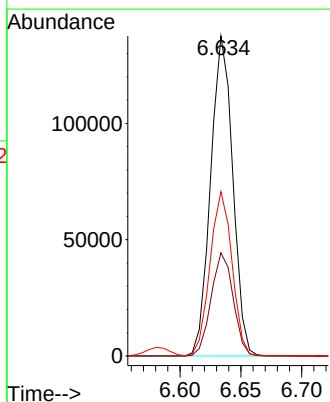
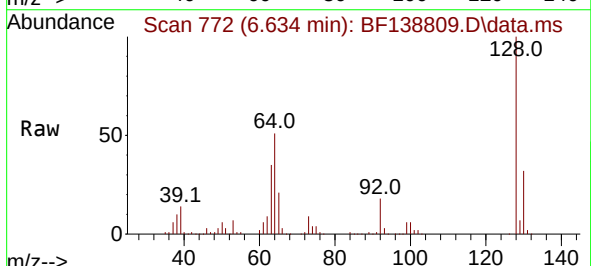
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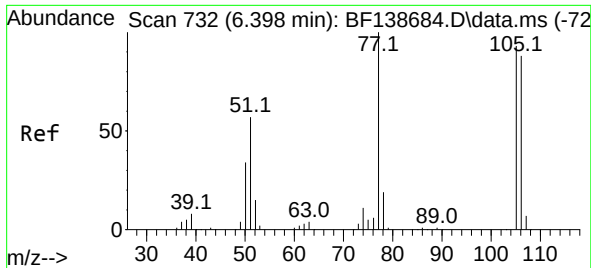
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#8
2-Chlorophenol
Concen: 49.276 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:128 Resp: 173610
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 51.4 36.3 76.3





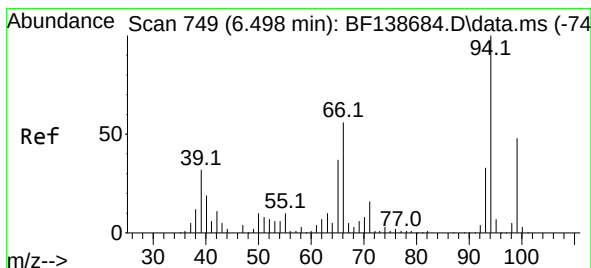
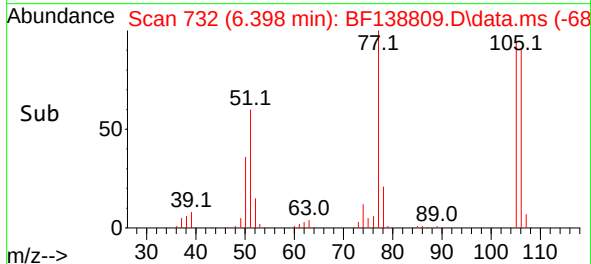
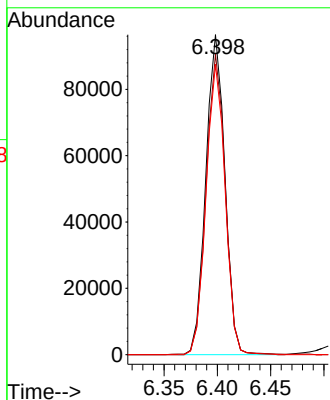
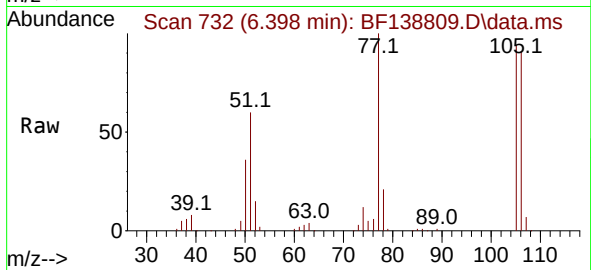
#9
Benzaldehyde
Concen: 44.549 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PB162384BS

Tgt Ion: 77 Resp: 120063
Ion Ratio Lower Upper
77 100
105 93.9 72.9 112.9
106 90.7 68.4 108.4

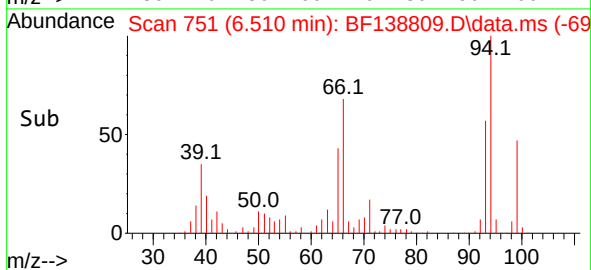
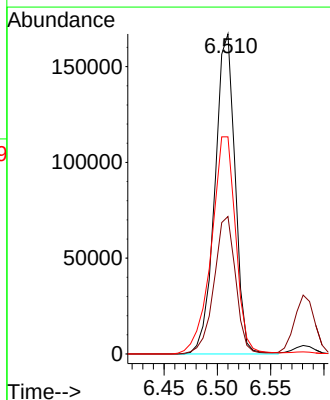
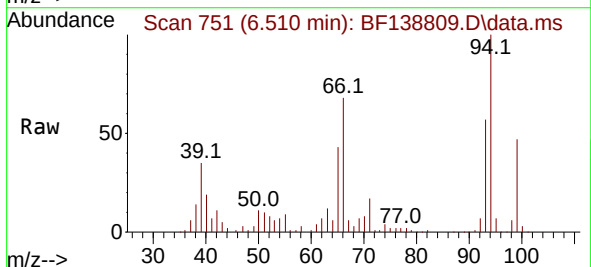
Manual Integrations
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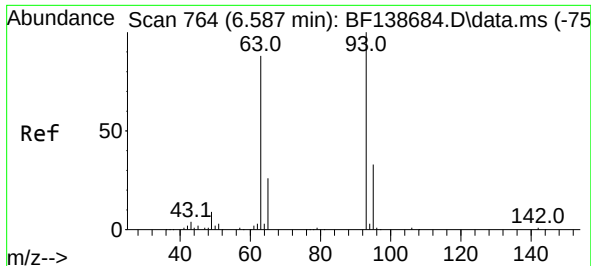
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#10
Phenol
Concen: 46.408 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 94 Resp: 219683
Ion Ratio Lower Upper
94 100
65 43.0 16.9 56.9
66 67.9 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.189 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

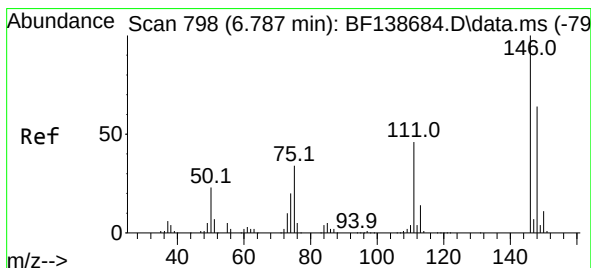
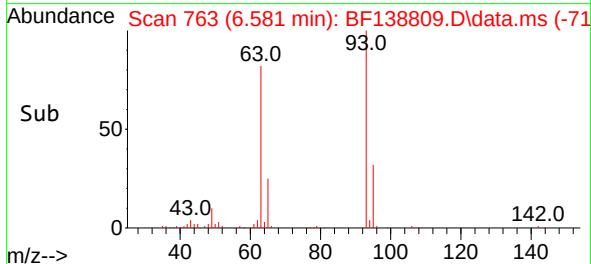
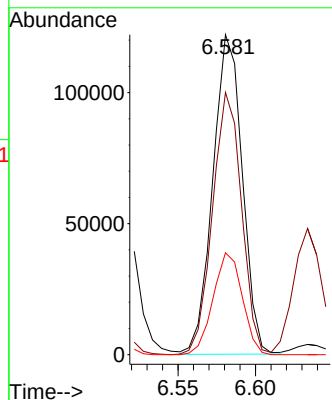
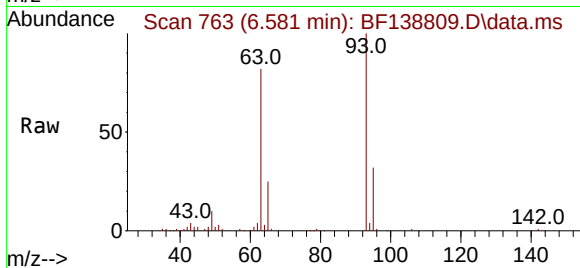
ClientSampleId :

PB162384BS

Tgt Ion: 93 Resp: 16096
Ion Ratio Lower Upper
93 100
63 82.0 65.3 105.3
95 31.9 12.4 52.4

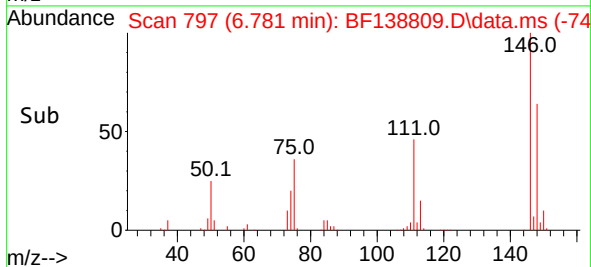
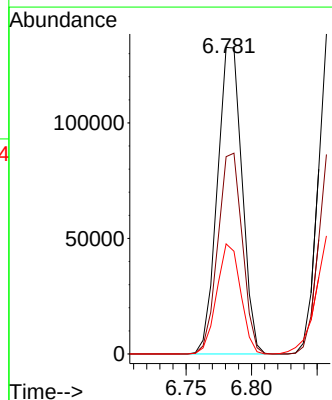
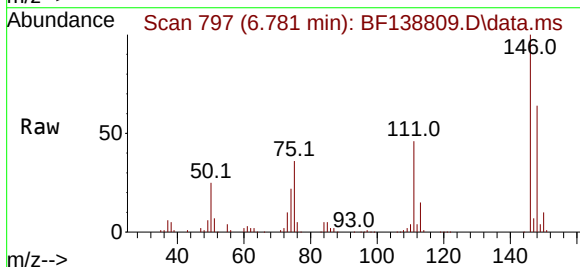
Manual Integrations
APPROVED

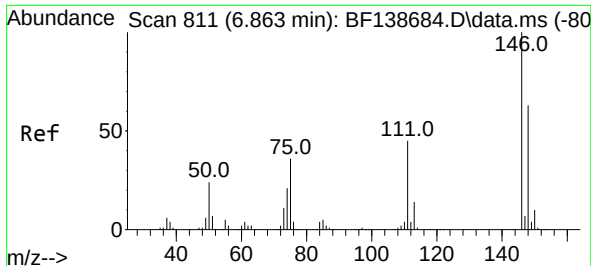
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#12
1,3-Dichlorobenzene
Concen: 44.010 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:146 Resp: 173566
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 35.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.409 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF138809.D

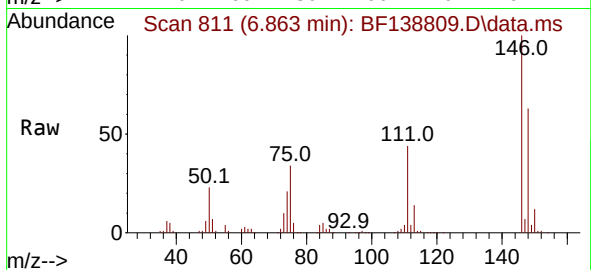
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



Tgt Ion:146 Resp: 180728

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

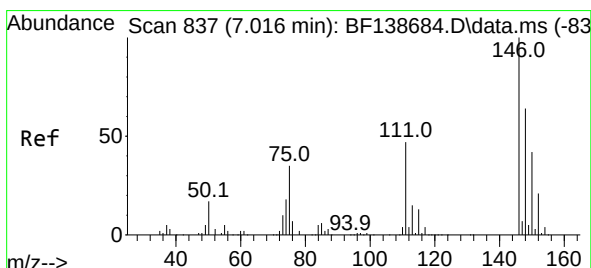
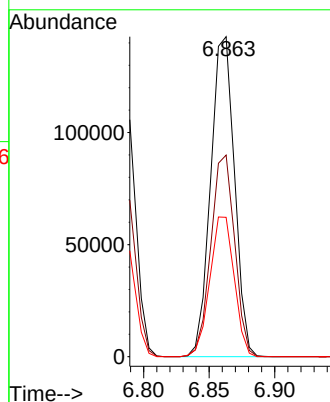
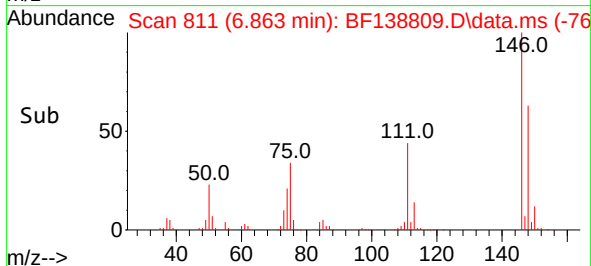
111 43.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#14

1,2-Dichlorobenzene

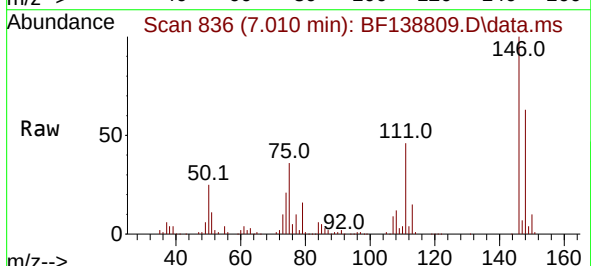
Concen: 46.547 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55



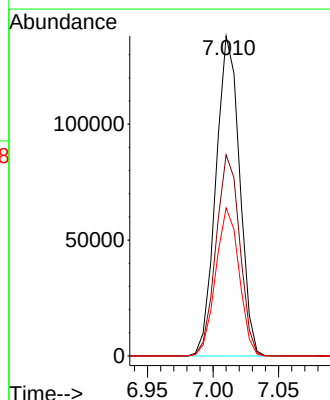
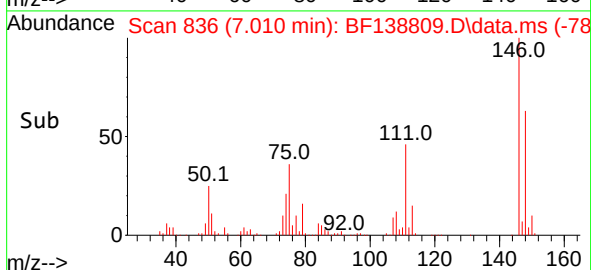
Tgt Ion:146 Resp: 173137

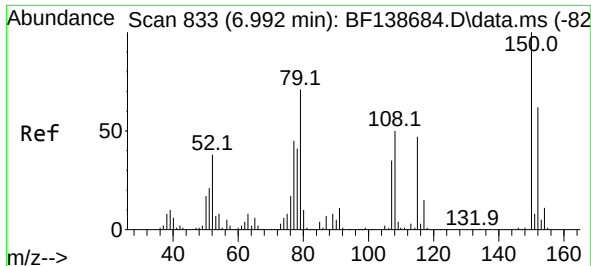
Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

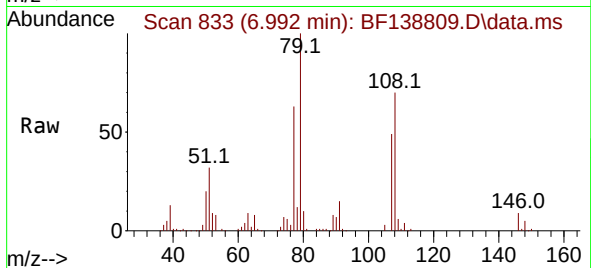
111 46.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.725 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

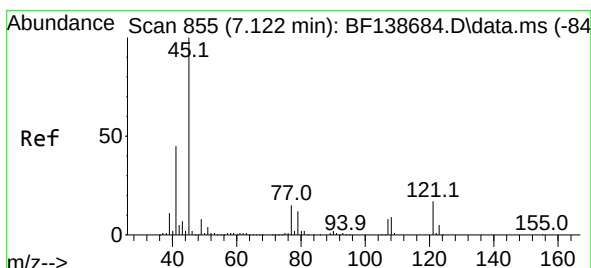
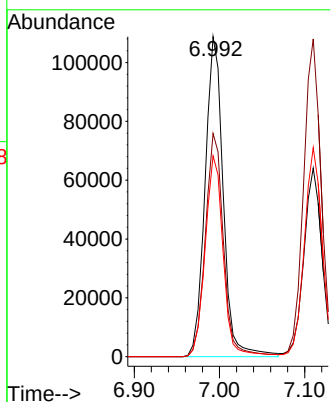
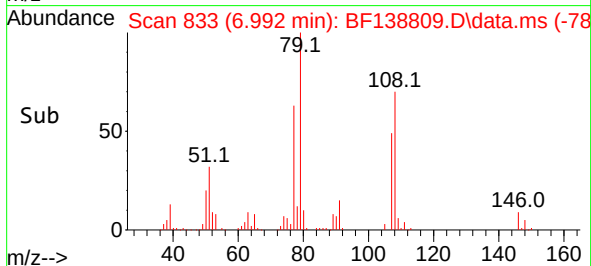
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion: 79 Resp: 16113
Ion Ratio Lower Upper
79 100
108 69.7 56.6 85.0
77 62.7 50.3 75.5

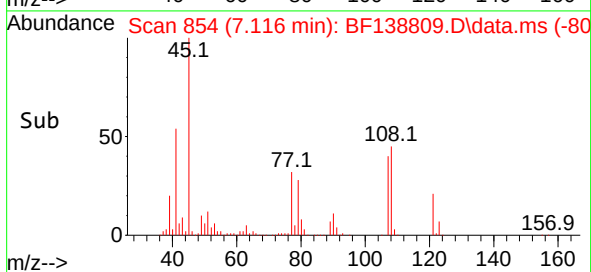
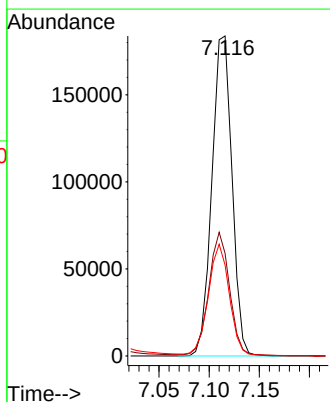
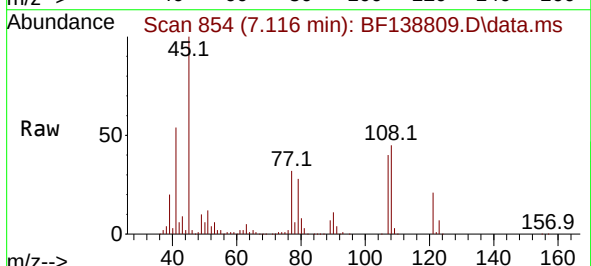
Manual Integrations
APPROVED

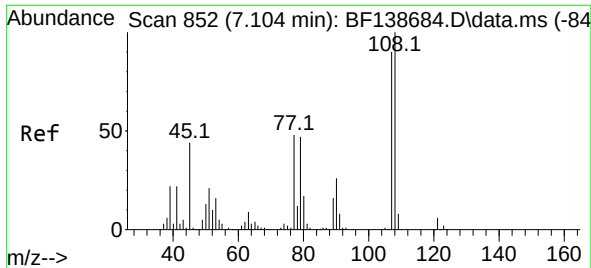
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.847 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion: 45 Resp: 256072
Ion Ratio Lower Upper
45 100
77 32.0 0.0 34.9
79 28.4 0.0 32.2





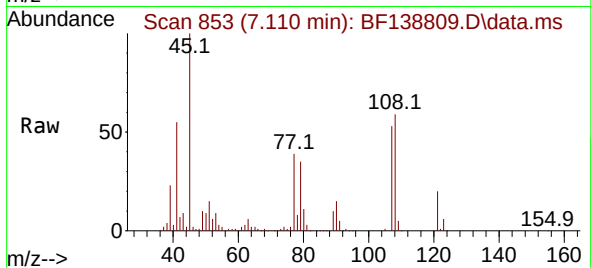
#17
2-Methylphenol
Concen: 47.478 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

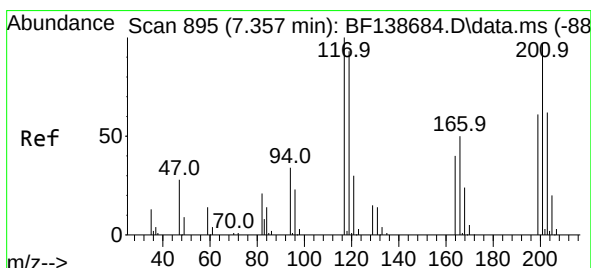
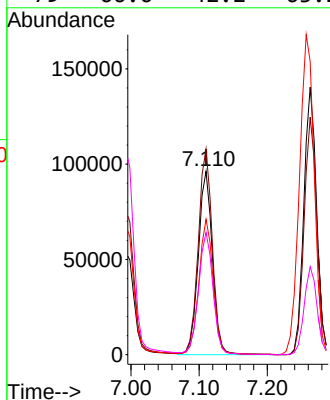
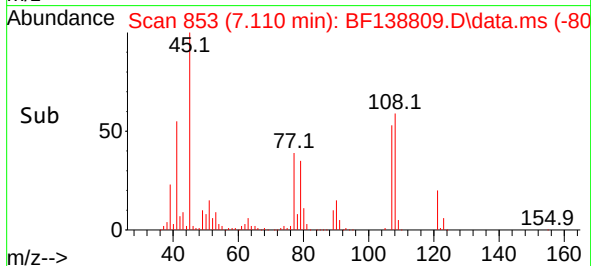
PB162384BS



Tgt Ion:107 Resp: 13812
Ion Ratio Lower Upper
107 100
108 112.2 89.2 133.8
77 73.8 43.0 64.4
79 66.6 42.2 63.2

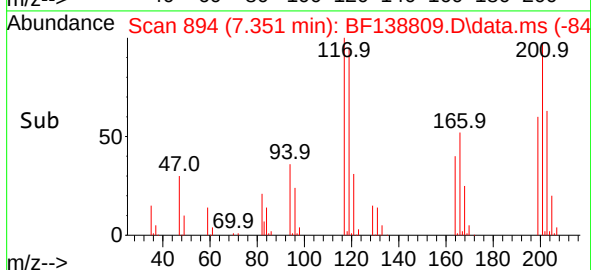
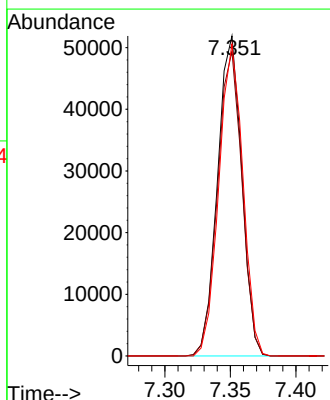
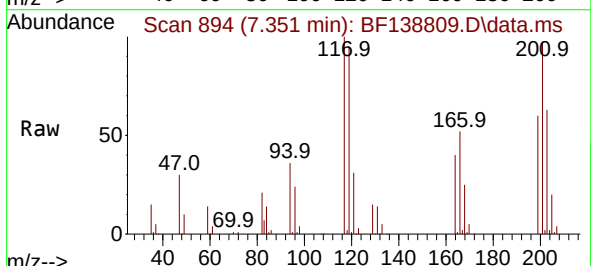
Manual Integrations
APPROVED

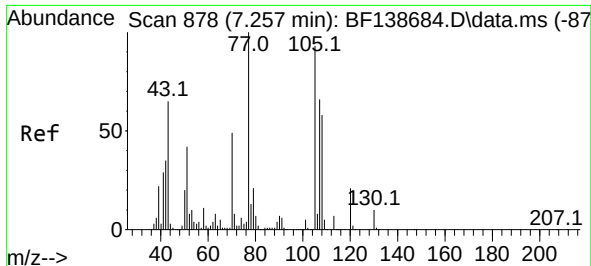
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#18
Hexachloroethane
Concen: 44.449 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:117 Resp: 66591
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 97.5 77.2 115.8





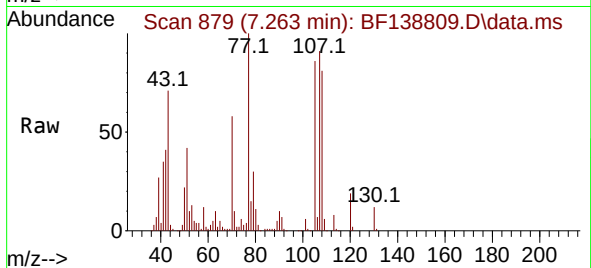
#19
n-Nitroso-di-n-propylamine
Concen: 48.732 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



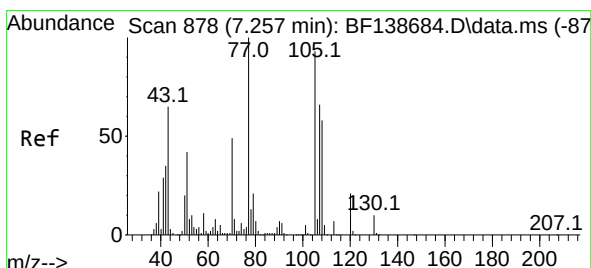
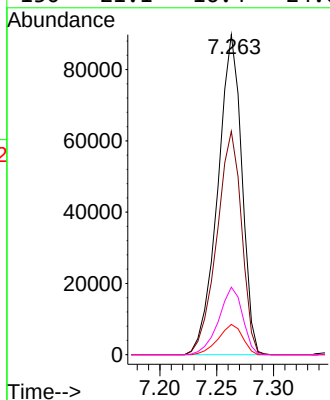
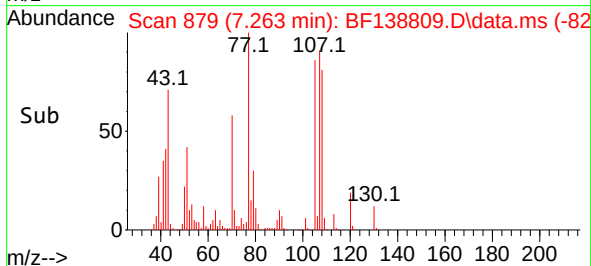
Tgt Ion: 70 Resp: 132329
Ion Ratio Lower Upper
70 100
42 69.8 57.4 86.0
101 9.4 7.5 11.3
130 21.1 16.4 24.6

Manual Integrations

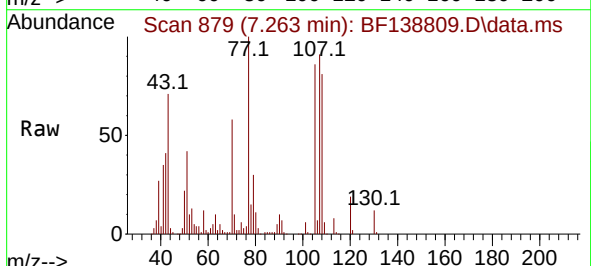
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

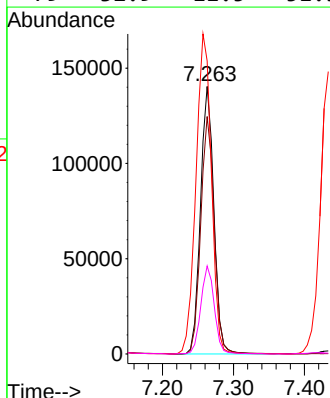
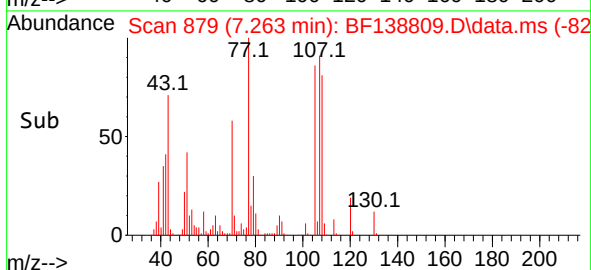
Supervised By :mohammad ahmed 08/08/2024

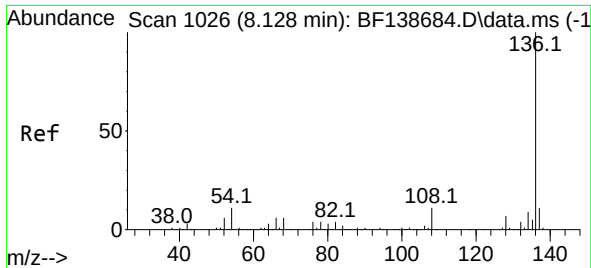


#20
3+4-Methylphenols
Concen: 49.486 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:107 Resp: 184716
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 109.5 132.1 172.1#
79 32.9 11.5 51.5





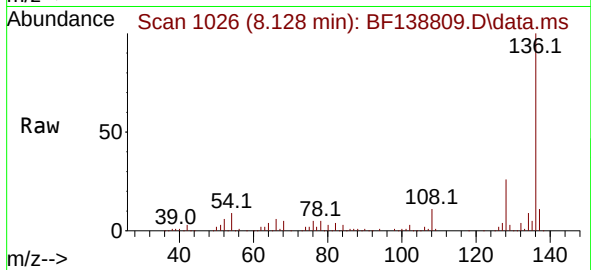
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



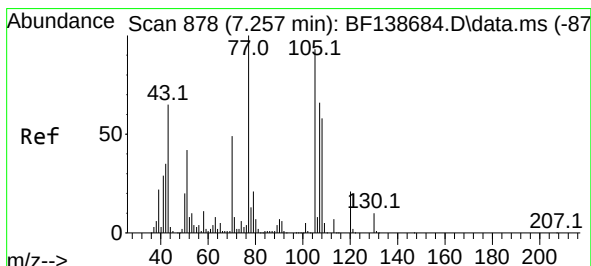
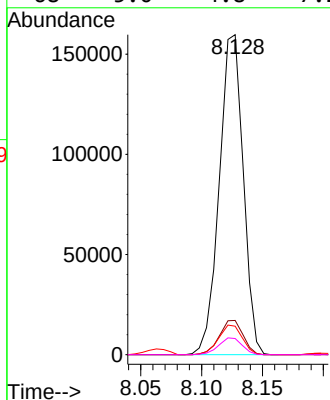
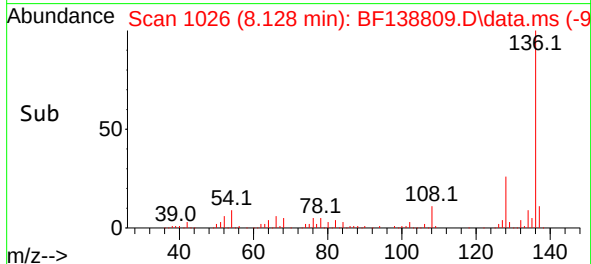
Tgt Ion:136 Resp: 21864
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.9 8.6 12.8
68 5.0 4.8 7.2

Manual Integrations

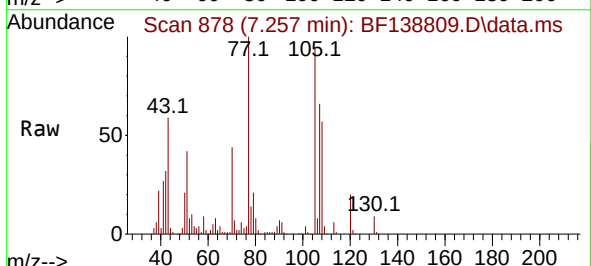
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

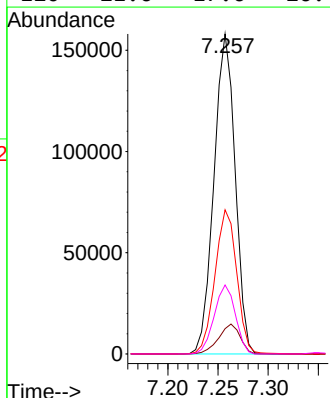
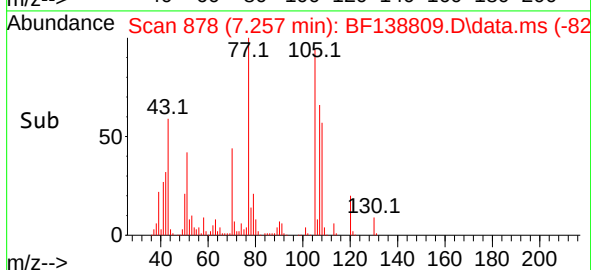
Supervised By :mohammad ahmed 08/08/2024

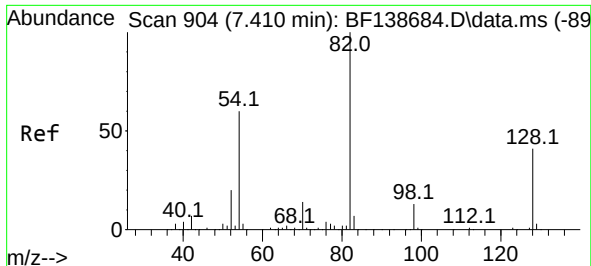


#22
Acetophenone
Concen: 43.265 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:105 Resp: 231619
Ion Ratio Lower Upper
105 100
71 7.9 7.2 10.8
51 45.1 35.9 53.9
120 21.6 17.6 26.4





#23
Nitrobenzene-d5
Concen: 82.737 ng
RT: 7.416 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

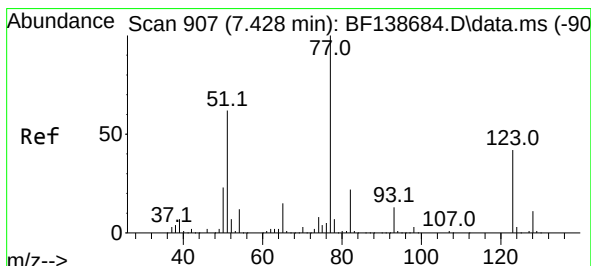
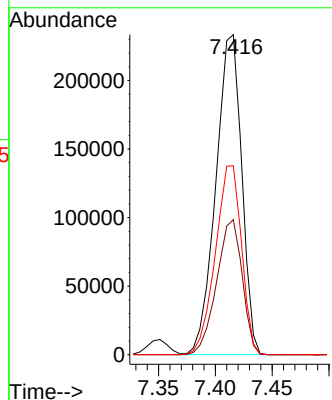
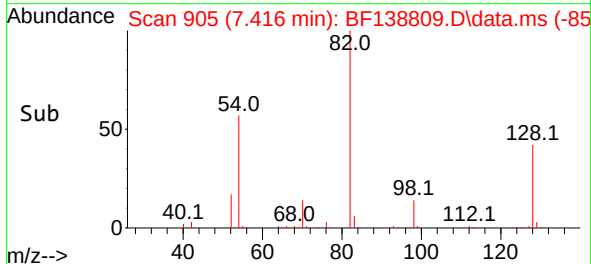
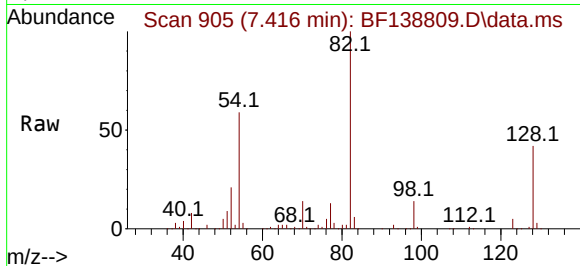
ClientSampleId :

PB162384BS

Tgt Ion: 82 Resp: 37000
Ion Ratio Lower Upper
82 100
128 42.2 32.8 49.2
54 59.0 48.3 72.5

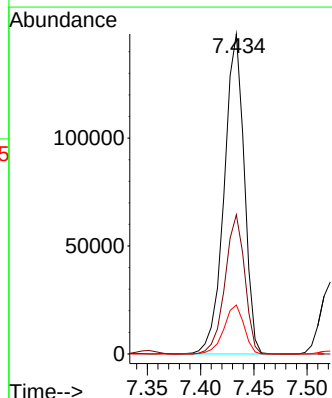
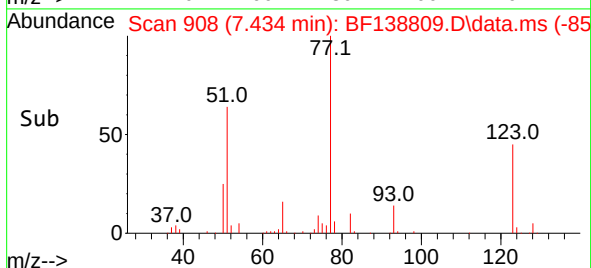
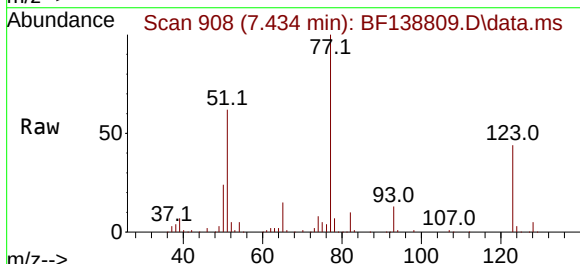
Manual Integrations
APPROVED

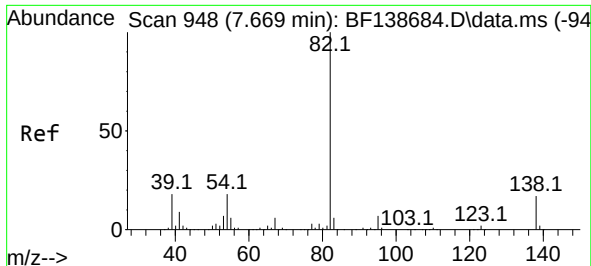
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#24
Nitrobenzene
Concen: 42.543 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

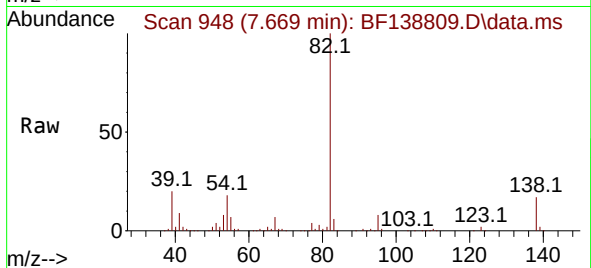
Tgt Ion: 77 Resp: 193594
Ion Ratio Lower Upper
77 100
123 43.5 33.3 49.9
65 15.3 11.9 17.9





#25
Isophorone
Concen: 44.431 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

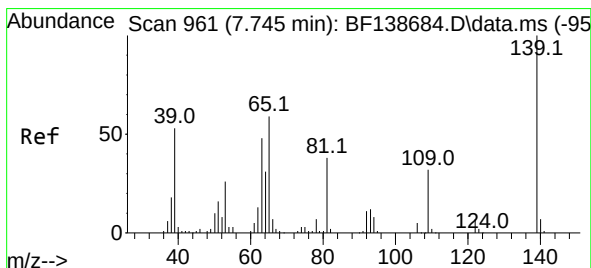
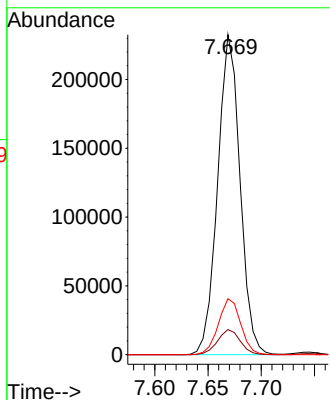
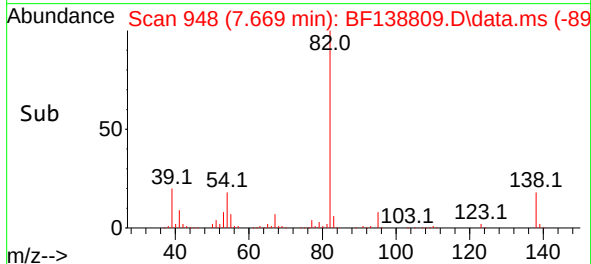
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion: 82 Resp: 339284
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 17.5 13.7 20.5

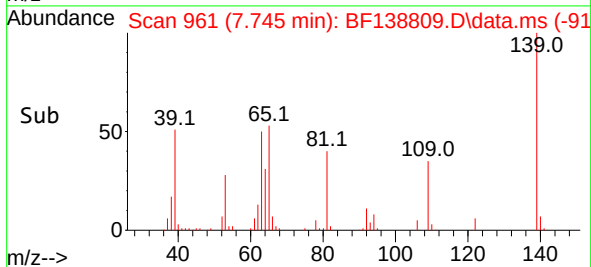
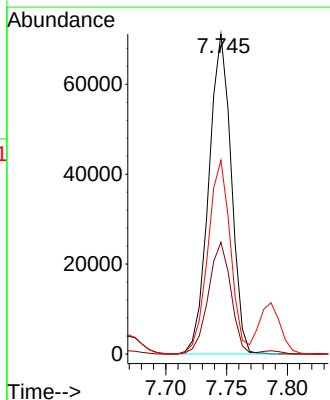
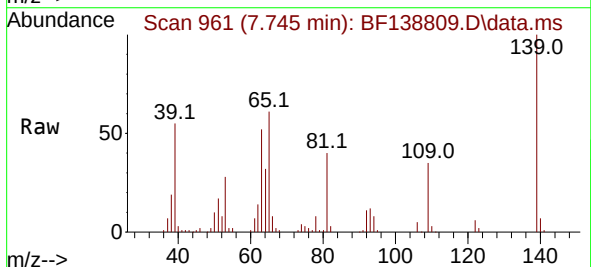
Manual Integrations
APPROVED

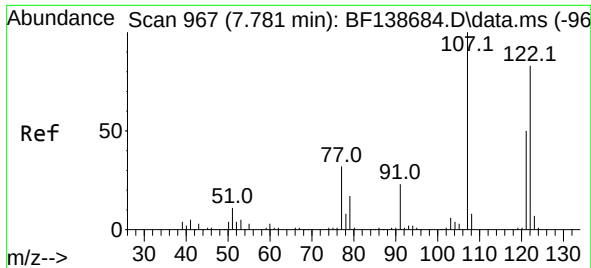
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#26
2-Nitrophenol
Concen: 46.564 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:139 Resp: 91164
Ion Ratio Lower Upper
139 100
109 34.9 25.9 38.9
65 60.6 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 50.054 ng

RT: 7.786 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

Tgt Ion:122 Resp: 117249

Ion Ratio Lower Upper

122 100

107 122.8 95.0 142.6

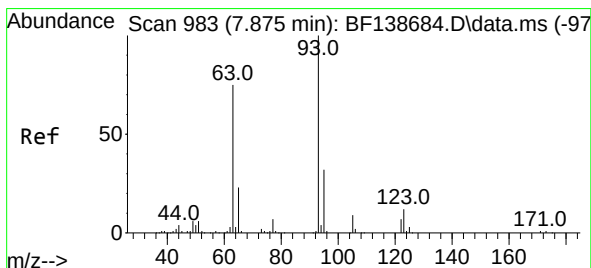
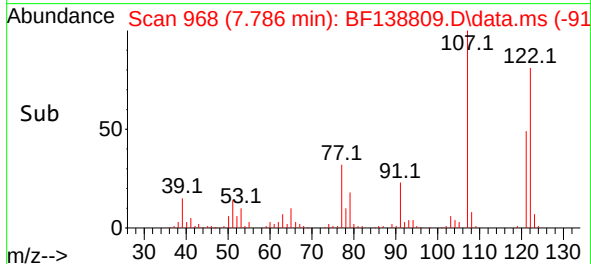
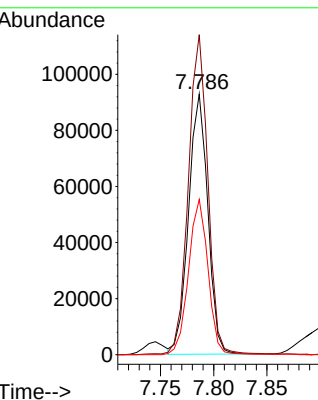
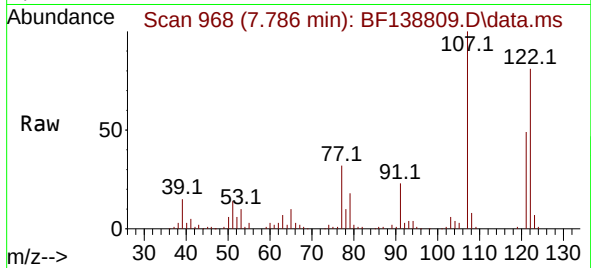
121 59.6 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.618 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

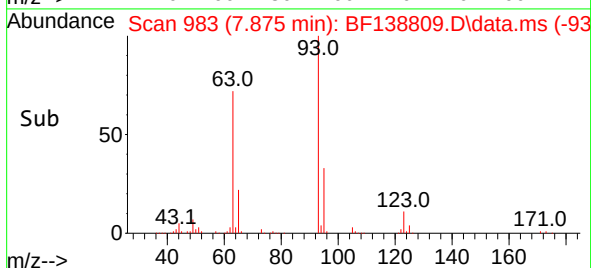
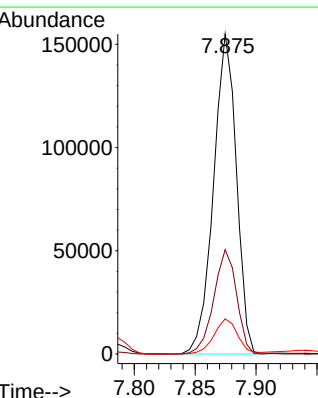
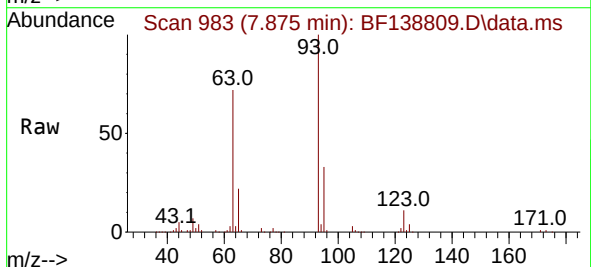
Tgt Ion: 93 Resp: 202834

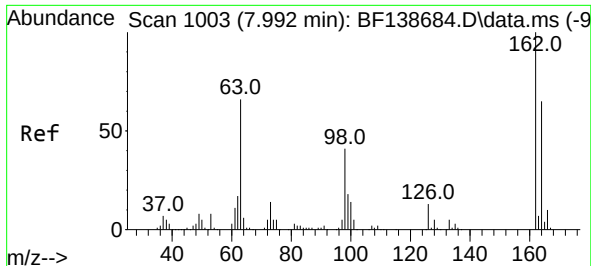
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.612 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

Tgt Ion:162 Resp: 14030

Ion Ratio Lower Upper

162 100

164 65.5 44.7 84.7

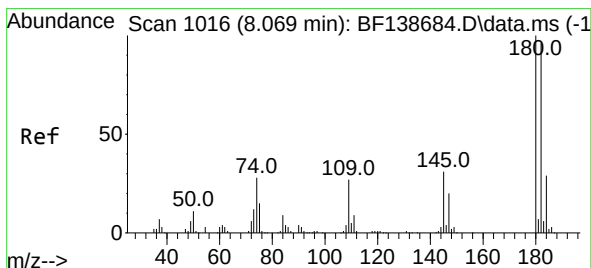
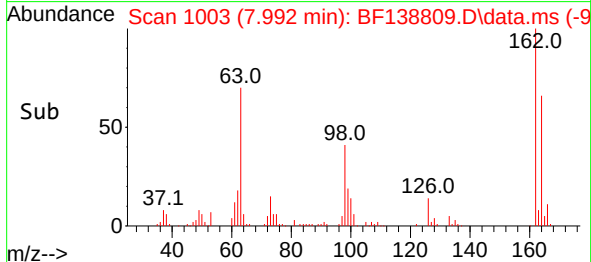
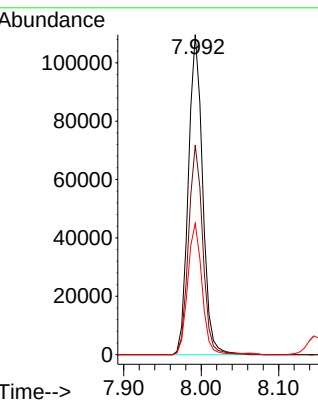
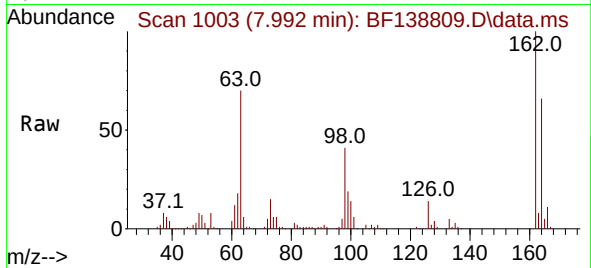
98 41.0 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.274 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

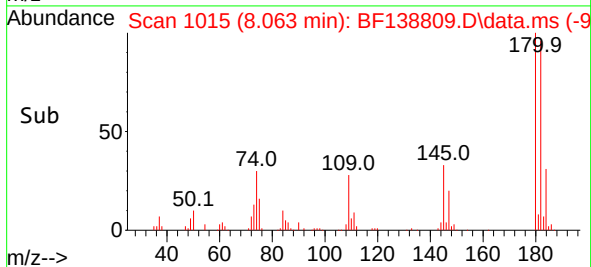
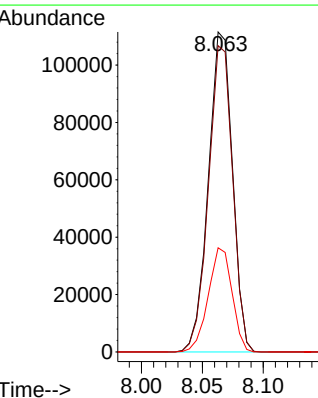
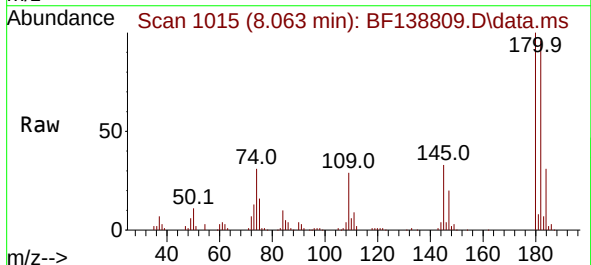
Tgt Ion:180 Resp: 153792

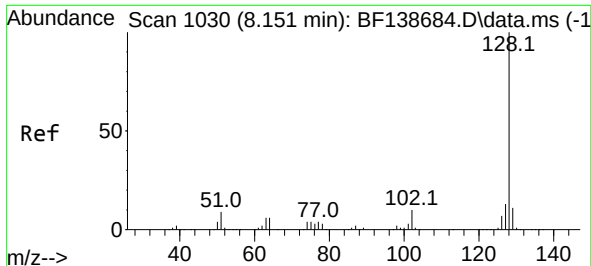
Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 32.6 25.0 37.4





#31
Naphthalene
Concen: 44.446 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

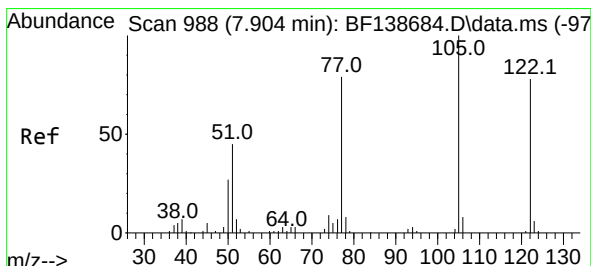
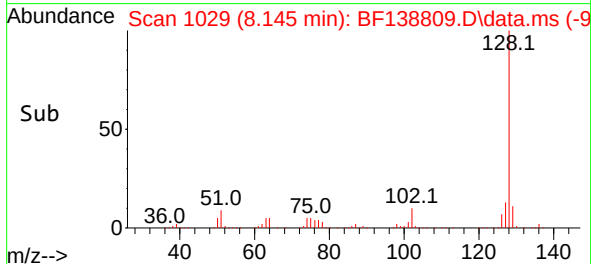
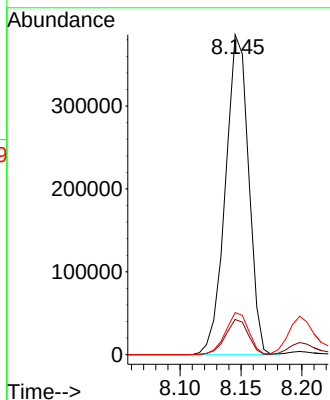
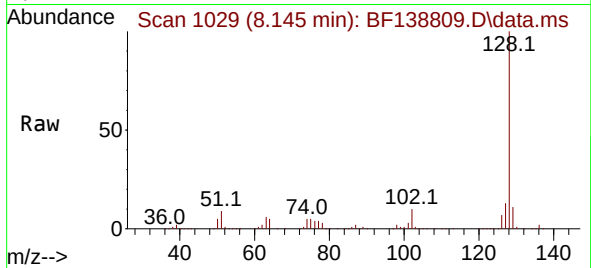
ClientSampleId :

PB162384BS

Tgt Ion:128 Resp: 51152
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 16.0

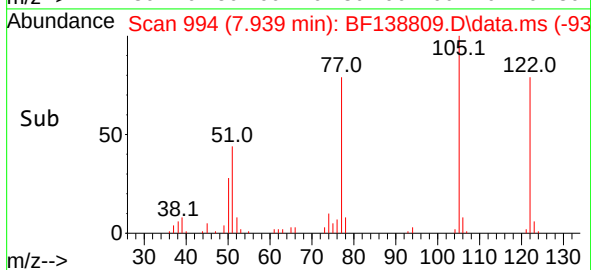
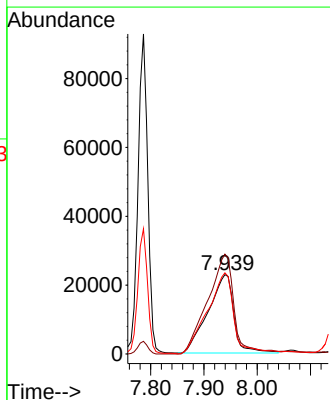
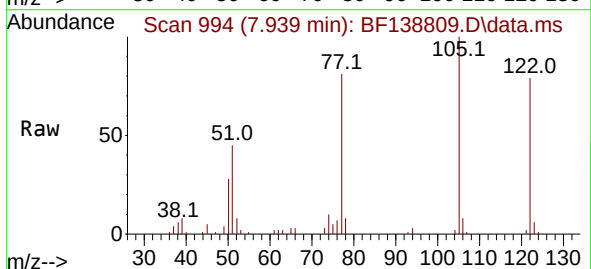
Manual Integrations
APPROVED

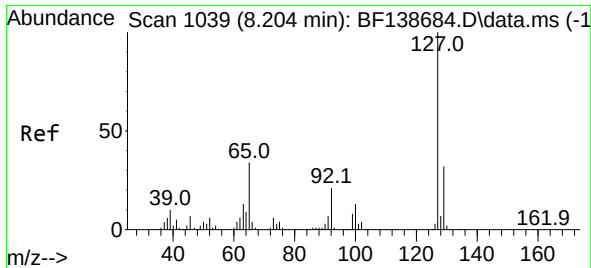
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#32
Benzoic acid
Concen: 41.583 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:122 Resp: 76568
Ion Ratio Lower Upper
122 100
105 125.9 106.7 146.7
77 102.3 81.1 121.1





#33
4-Chloroaniline
Concen: 22.507 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

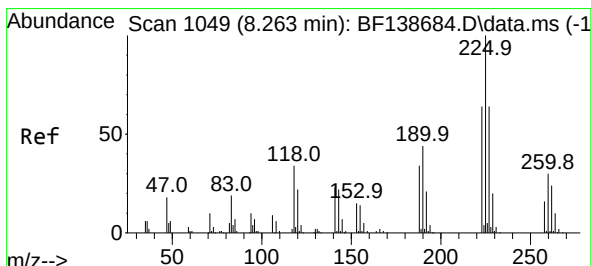
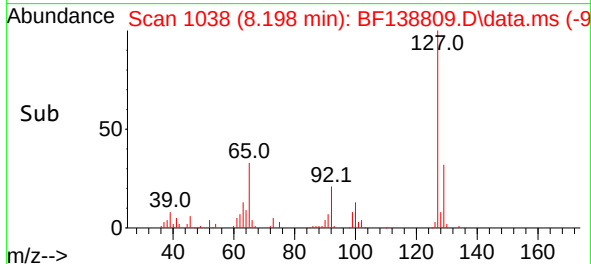
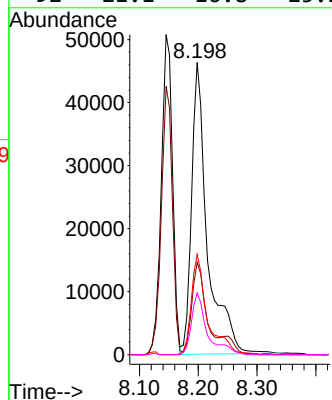
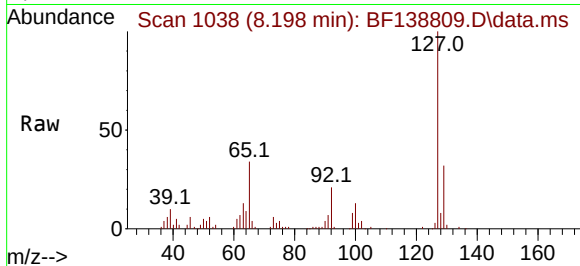
PB162384BS

Tgt Ion:127 Resp: 86950
Ion Ratio Lower Upper
127 100
129 31.6 25.9 38.9
65 34.3 27.6 41.4
92 21.1 16.8 25.2

Manual Integrations

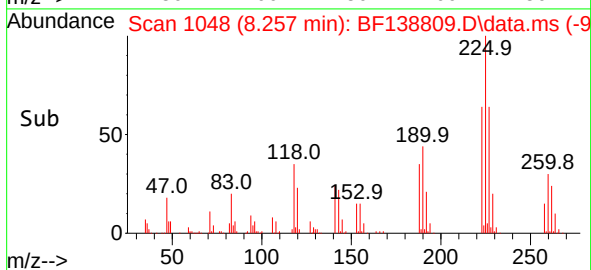
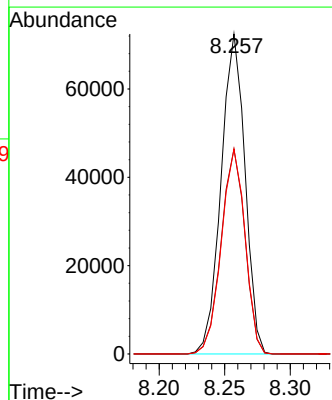
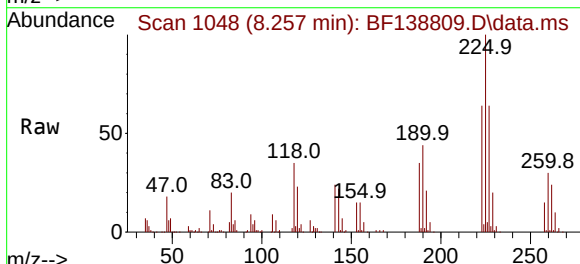
APPROVED

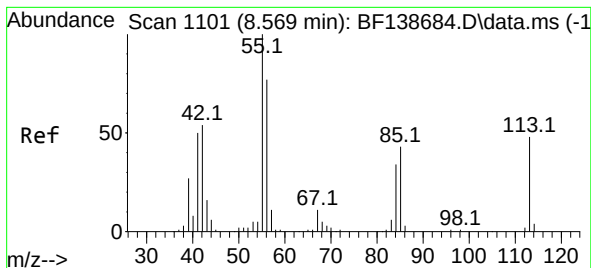
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#34
Hexachlorobutadiene
Concen: 43.650 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:225 Resp: 91838
Ion Ratio Lower Upper
225 100
223 64.0 51.2 76.8
227 64.0 51.1 76.7





#35

Caprolactam

Concen: 44.833 ng m

RT: 8.592 min Scan# 1105

Delta R.T. 0.023 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

Tgt Ion:113 Resp: 4026

Ion Ratio Lower Upper

113 100

55 181.8 186.7 226.7

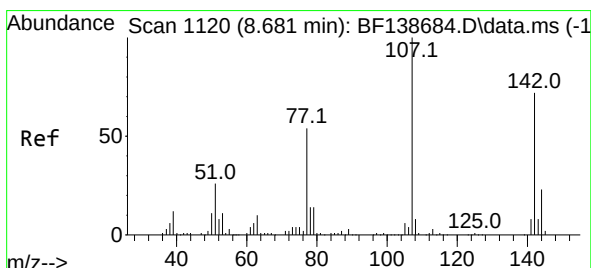
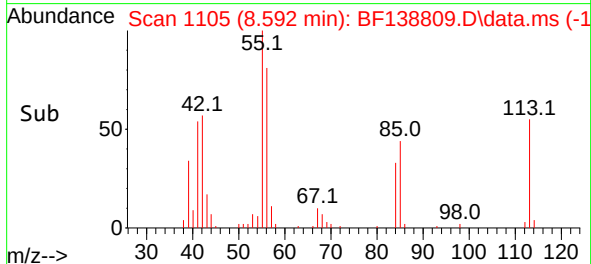
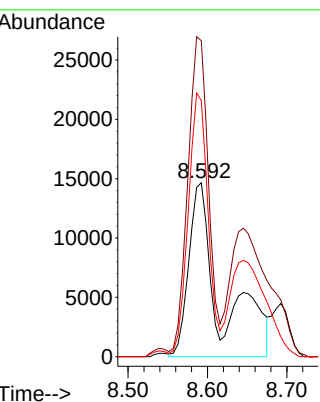
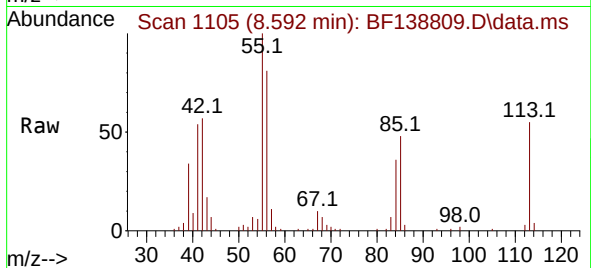
56 147.2 138.9 178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#36

4-Chloro-3-methylphenol

Concen: 47.561 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

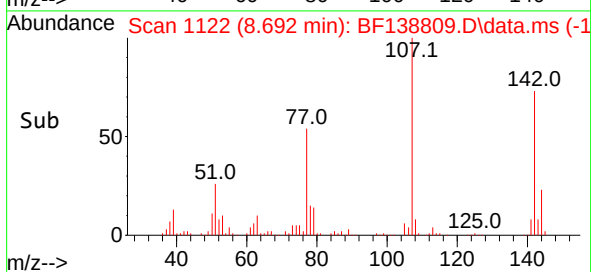
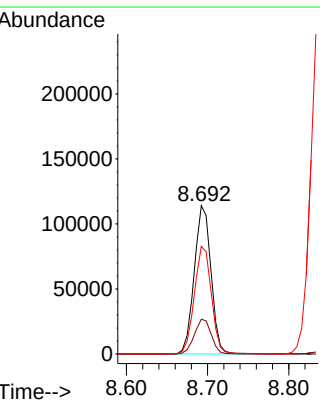
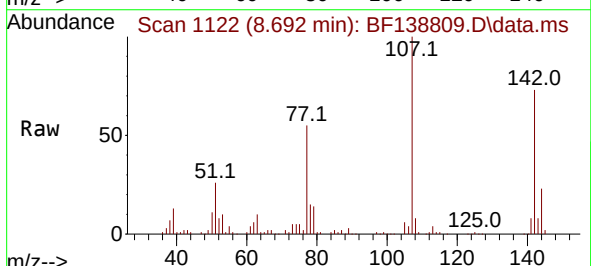
Tgt Ion:107 Resp: 163612

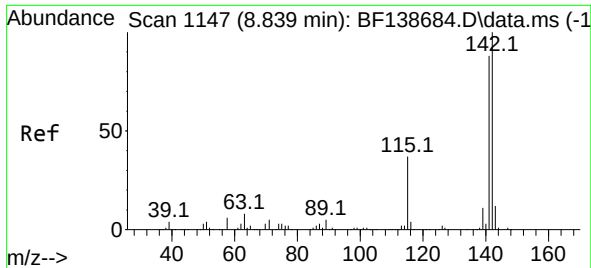
Ion Ratio Lower Upper

107 100

144 23.4 18.2 27.2

142 72.6 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.496 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

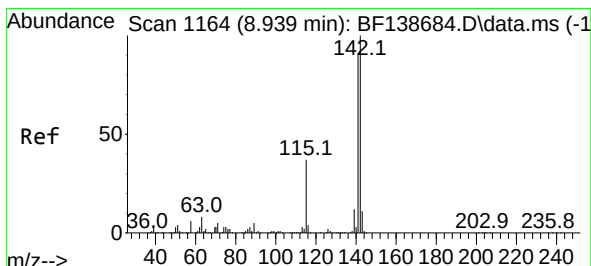
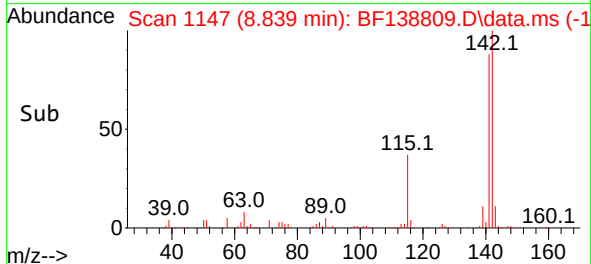
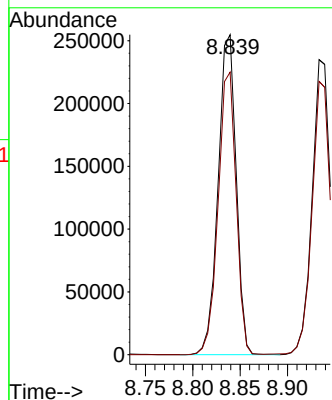
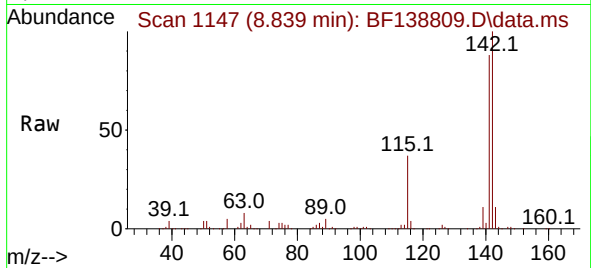
PB162384BS

Tgt Ion:142 Resp: 337950
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

Manual Integrations

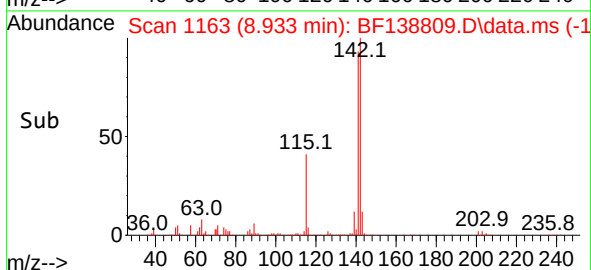
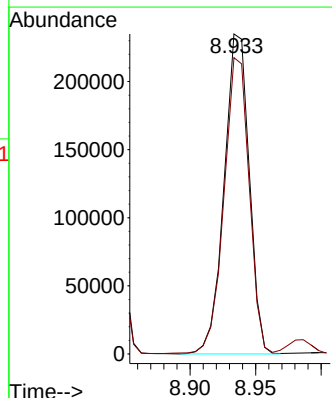
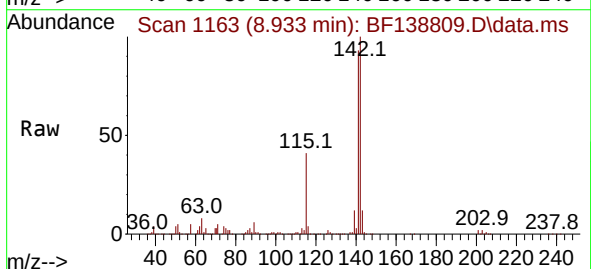
APPROVED

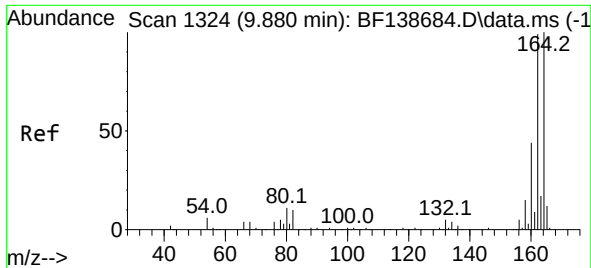
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#38
1-Methylnaphthalene
Concen: 43.899 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:142 Resp: 312662
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7





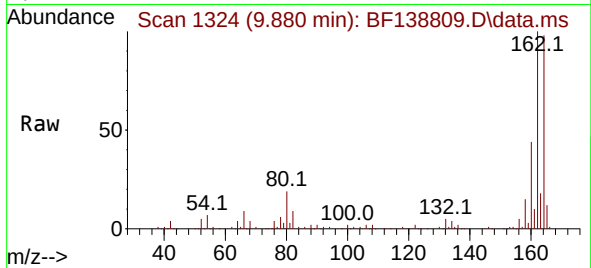
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



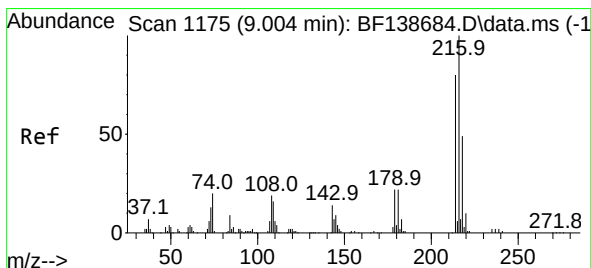
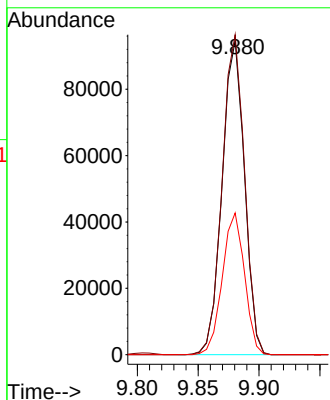
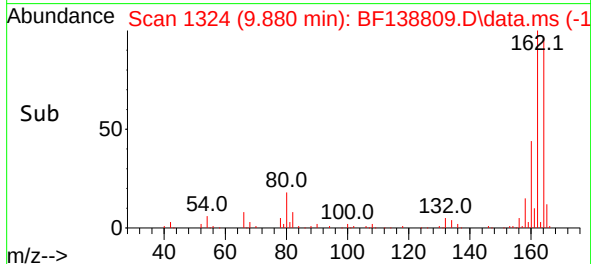
Tgt Ion:164 Resp: 120829
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.0
160 45.2 35.1 52.7

Manual Integrations

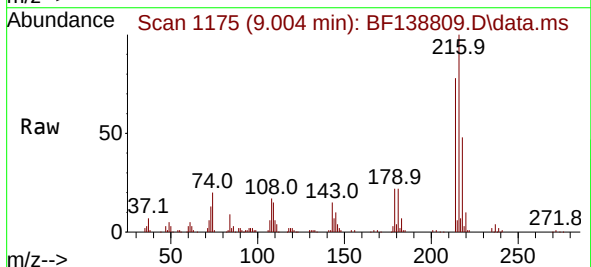
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

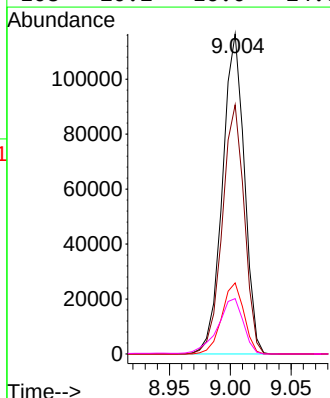
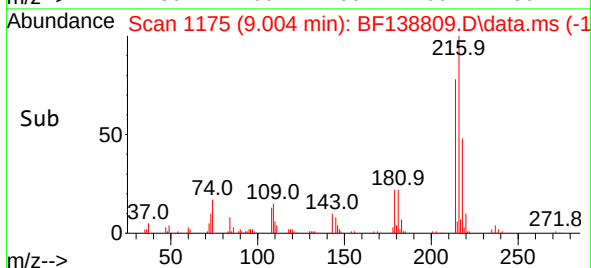
Supervised By :mohammad ahmed 08/08/2024

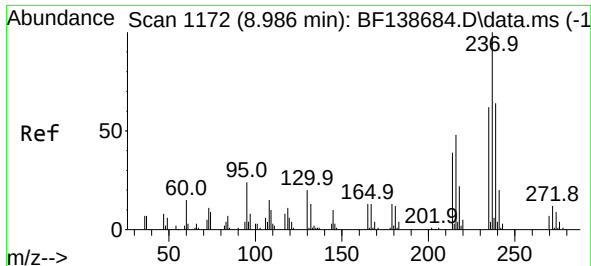


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.386 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



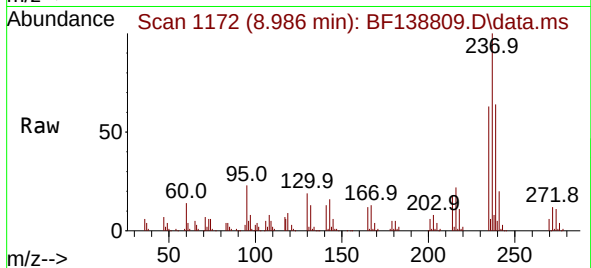
Tgt Ion:216 Resp: 145624
Ion Ratio Lower Upper
216 100
214 77.9 63.9 95.9
179 22.3 17.8 26.6
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 116.466 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

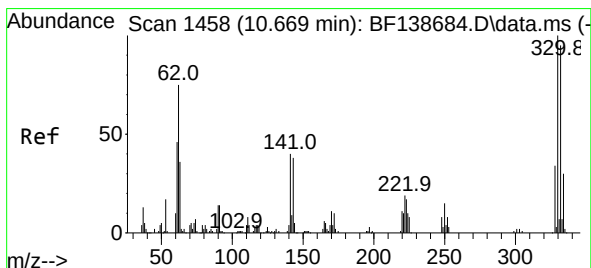
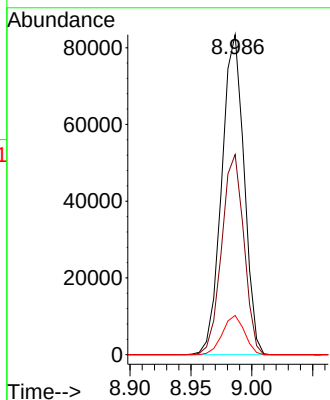
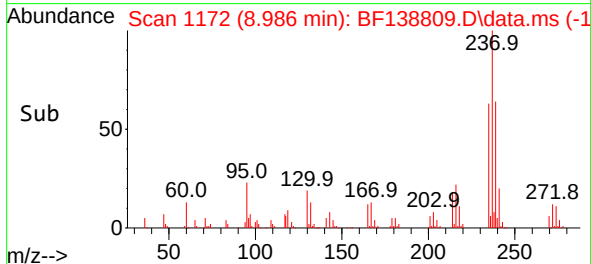
Instrument :
BNA_F
ClientSampleId :
PB162384BS



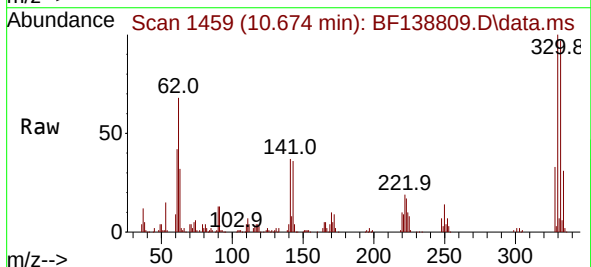
Tgt Ion:237 Resp: 106560
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 12.3 0.0 32.2

Manual Integrations
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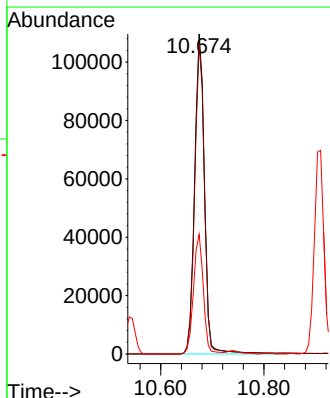
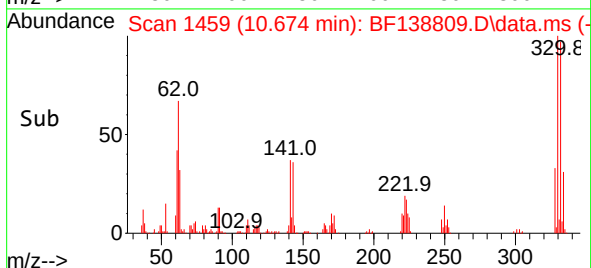
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

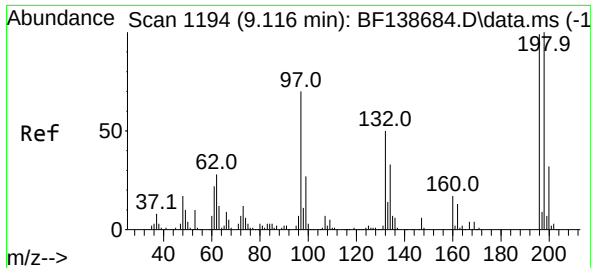


#42
2,4,6-Tribromophenol
Concen: 147.228 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:330 Resp: 145719
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 37.1 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 47.337 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

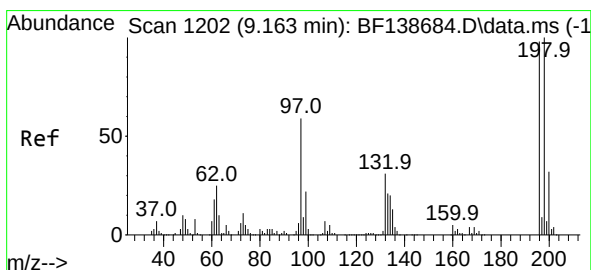
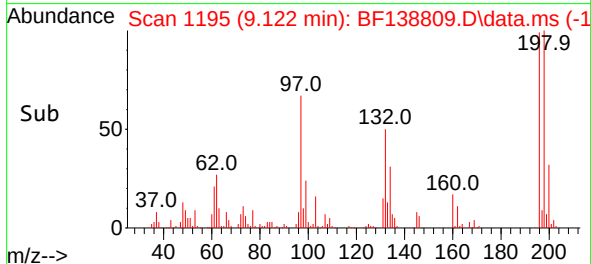
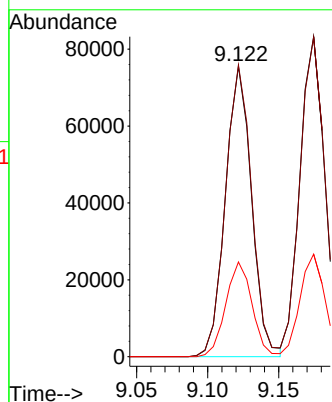
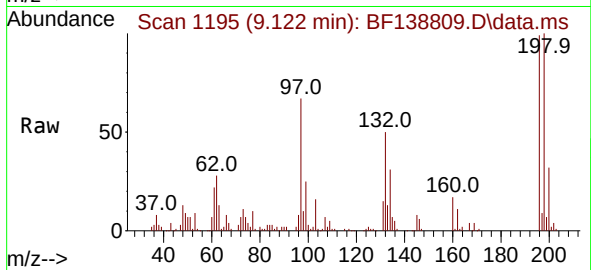
PB162384BS

Tgt Ion:196 Resp: 96874
Ion Ratio Lower Upper
196 100
198 100.6 80.5 120.7
200 32.6 25.9 38.9

Manual Integrations

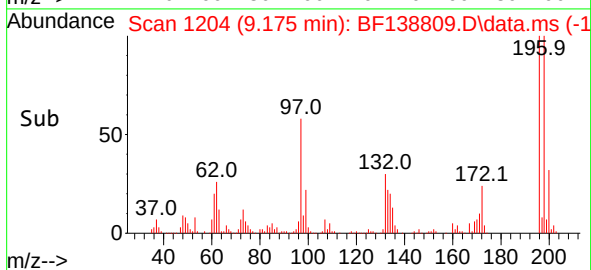
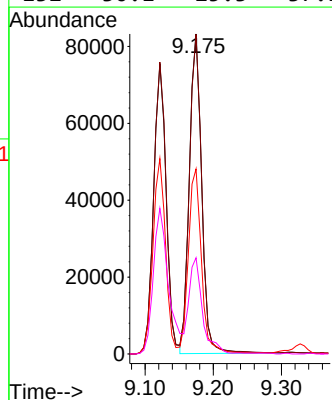
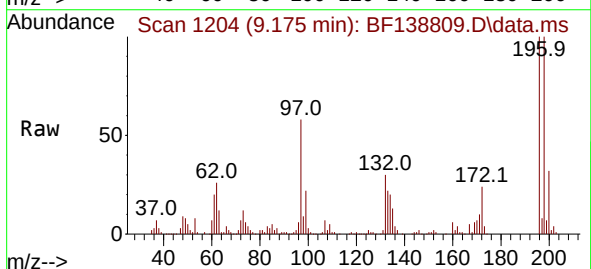
APPROVED

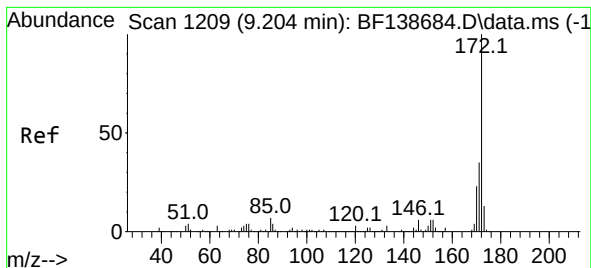
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#44
2,4,5-Trichlorophenol
Concen: 46.634 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:196 Resp: 104332
Ion Ratio Lower Upper
196 100
198 99.9 81.2 121.8
97 57.8 47.8 71.6
132 30.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 88.290 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

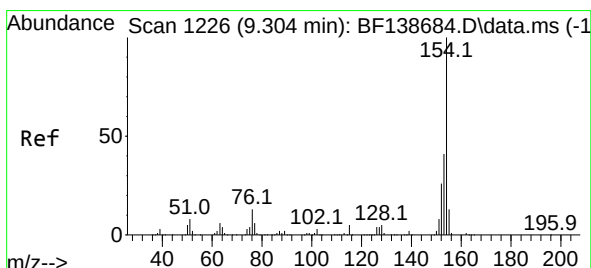
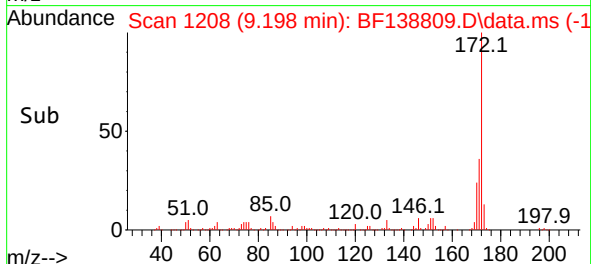
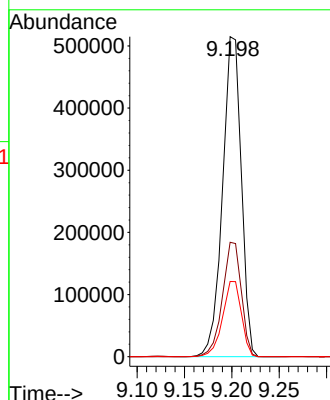
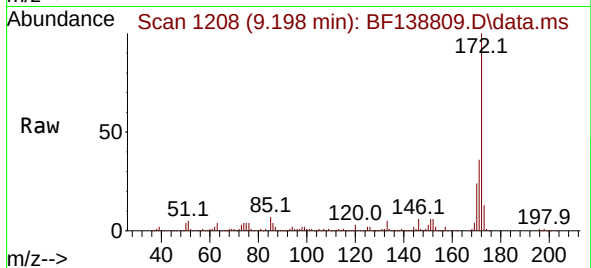
Tgt Ion:	172	Resp:	710020
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.3	42.5
170	23.5	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#46

1,1'-Biphenyl

Concen: 42.460 ng

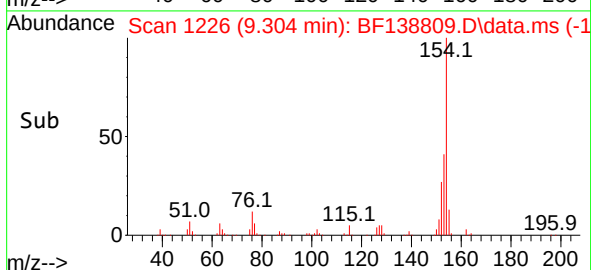
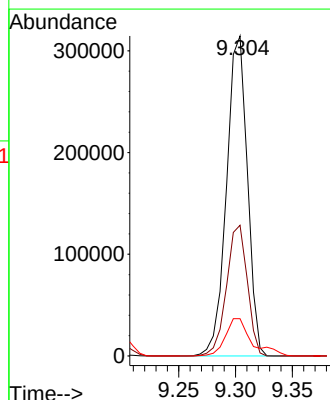
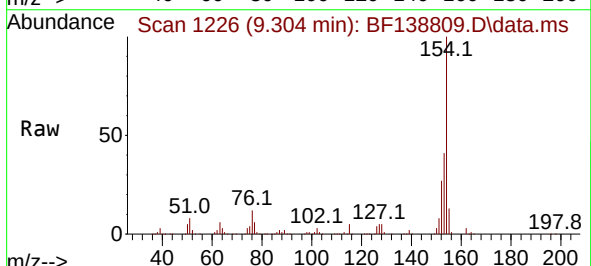
RT: 9.304 min Scan# 1226

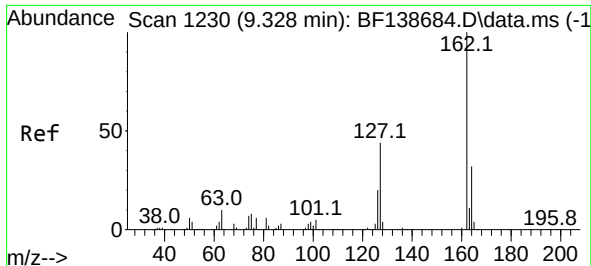
Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Tgt Ion:	154	Resp:	401802
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.8	60.8
76	11.7	0.0	32.8





#47

2-Chloronaphthalene

Concen: 44.909 ng

RT: 9.327 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

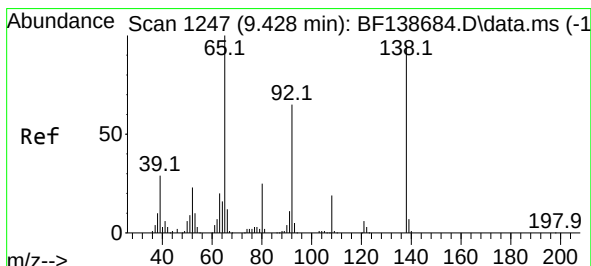
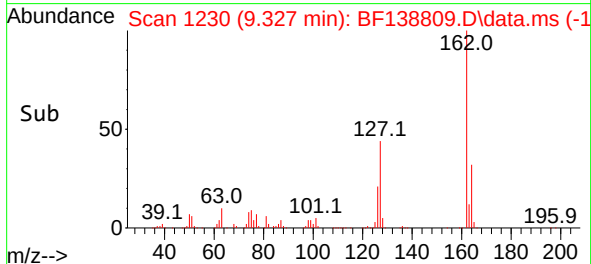
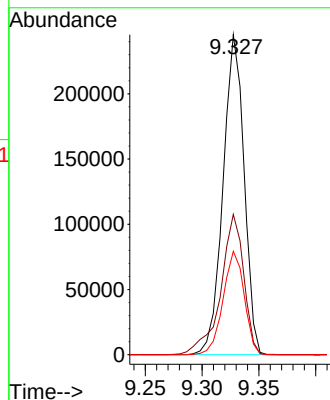
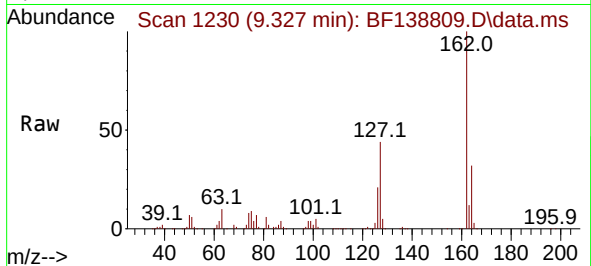
Tgt Ion:162 Resp: 316074
 Ion Ratio Lower Upper
 162 100
 127 43.9 35.4 53.2
 164 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#48

2-Nitroaniline

Concen: 46.323 ng

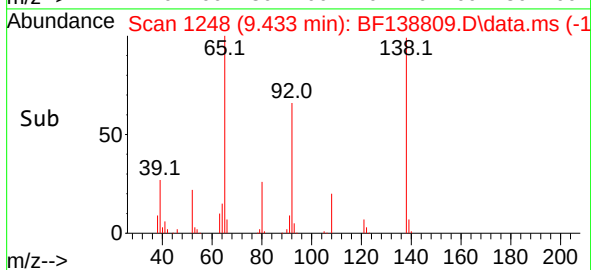
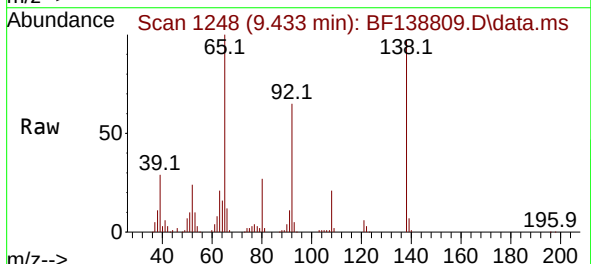
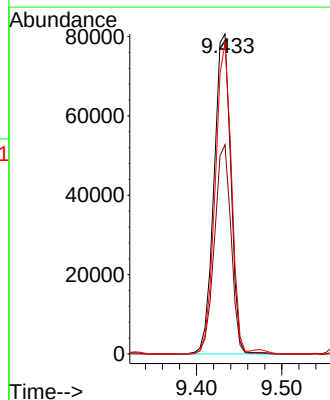
RT: 9.433 min Scan# 1248

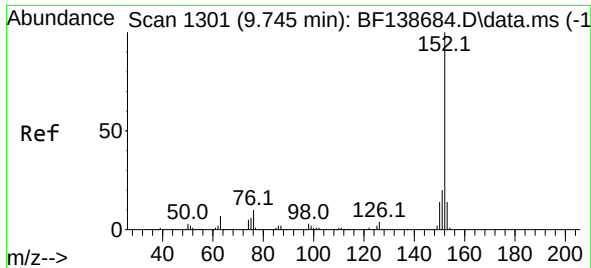
Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Tgt Ion: 65 Resp: 110525
 Ion Ratio Lower Upper
 65 100
 92 65.4 52.0 78.0
 138 97.2 76.2 114.4





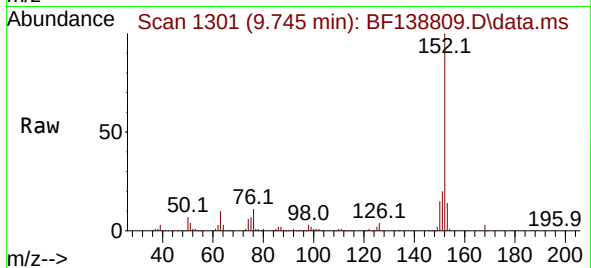
#49
Acenaphthylene
Concen: 49.826 ng
RT: 9.745 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



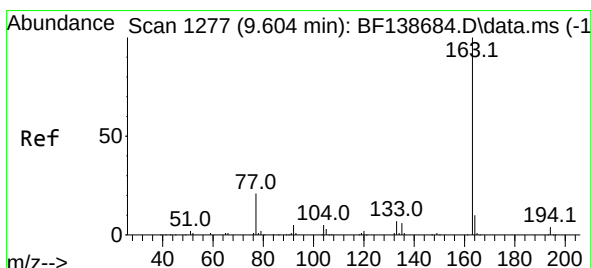
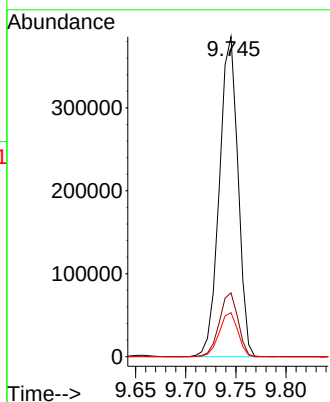
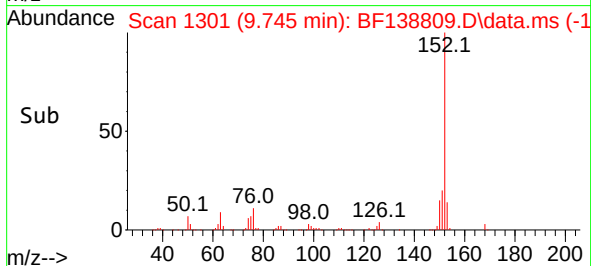
Tgt Ion:152 Resp: 497368
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.8 11.0 16.4

Manual Integrations

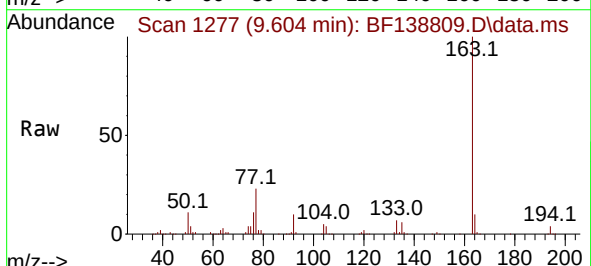
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

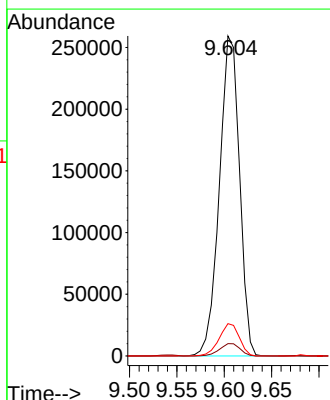
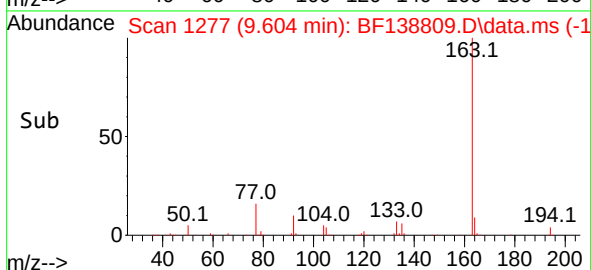
Supervised By :mohammad ahmed 08/08/2024

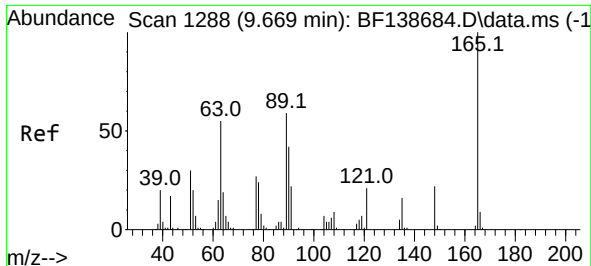


#50
Dimethylphthalate
Concen: 49.669 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:163 Resp: 383738
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.8 11.8





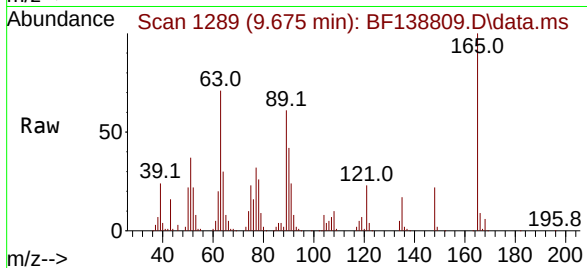
#51
2,6-Dinitrotoluene
Concen: 46.620 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

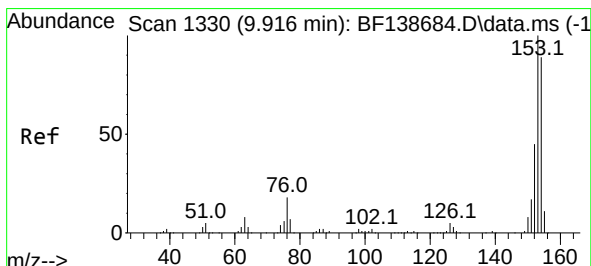
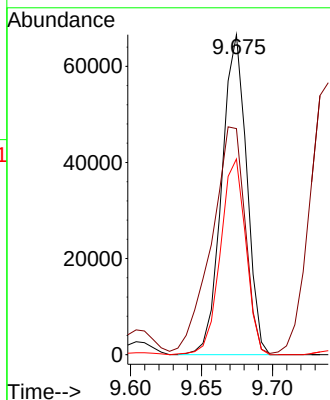
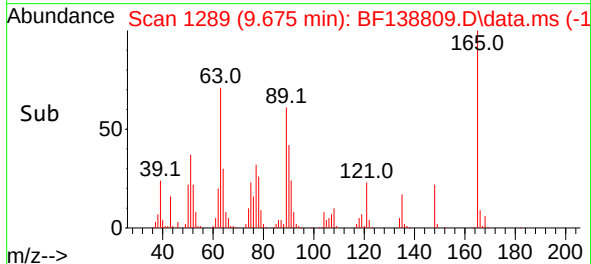


Tgt Ion:165 Resp: 8128
Ion Ratio Lower Upper
165 100
63 70.7 52.0 78.0
89 61.1 47.0 70.6

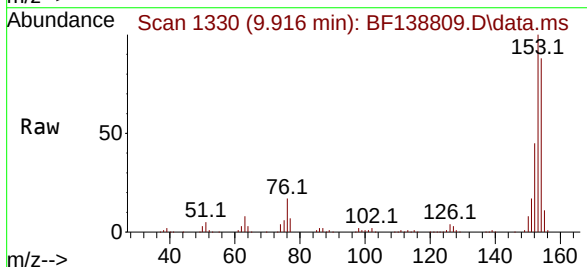
Manual Integrations

APPROVED

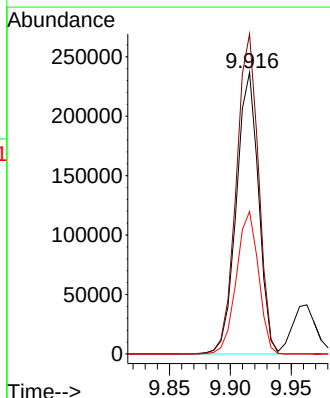
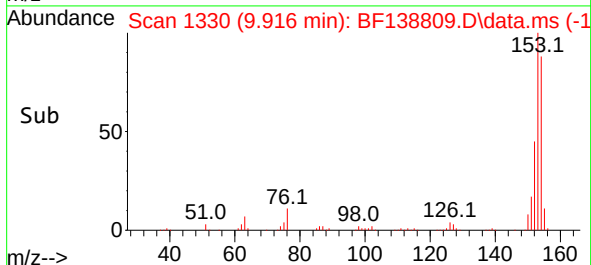
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

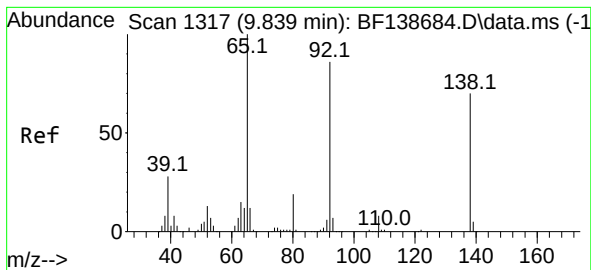


#52
Acenaphthene
Concen: 44.817 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:154 Resp: 300729
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 50.6 40.6 60.8





#53

3-Nitroaniline

Concen: 29.603 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

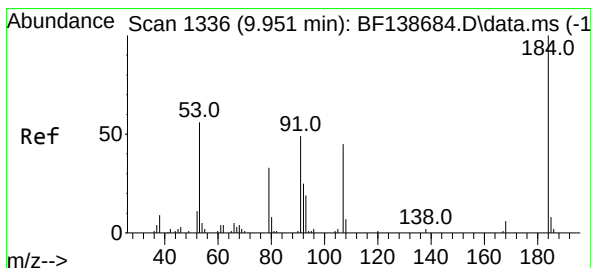
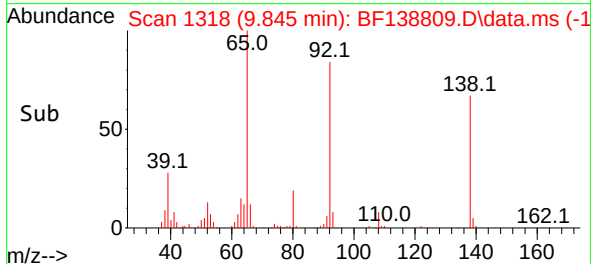
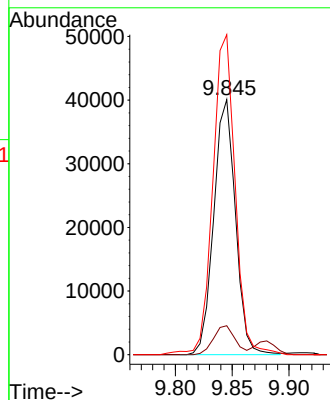
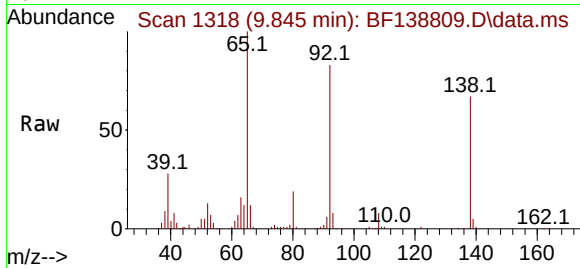
Tgt Ion:	138	Resp:	53360
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.1	13.7
92	125.5	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#54

2,4-Dinitrophenol

Concen: 101.130 ng

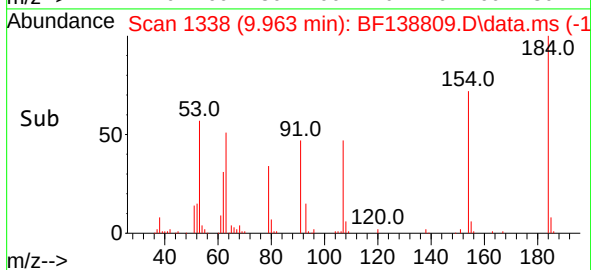
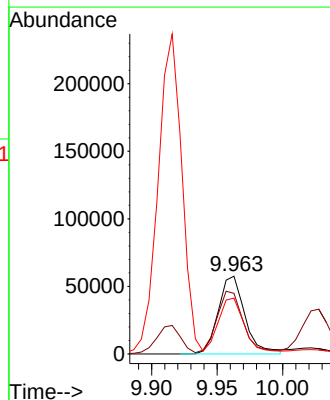
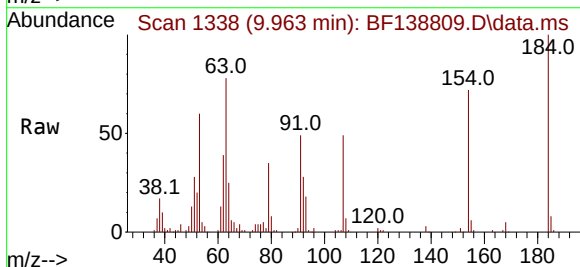
RT: 9.963 min Scan# 1338

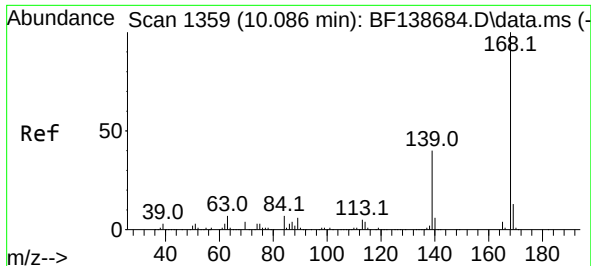
Delta R.T. 0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

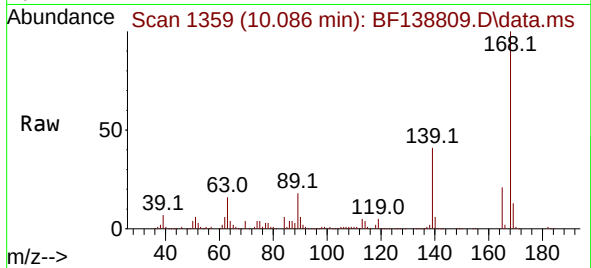
Tgt Ion:	184	Resp:	81171
Ion Ratio	Lower	Upper	
184	100		
63	78.0	57.5	86.3
154	71.7	51.7	77.5





#55
Dibenzofuran
Concen: 47.632 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

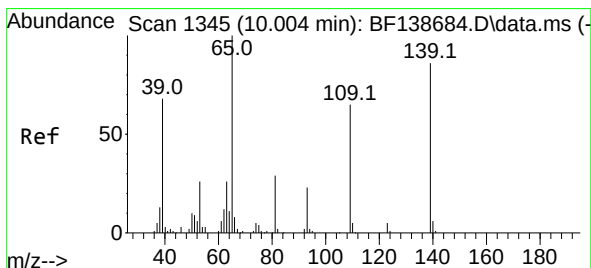
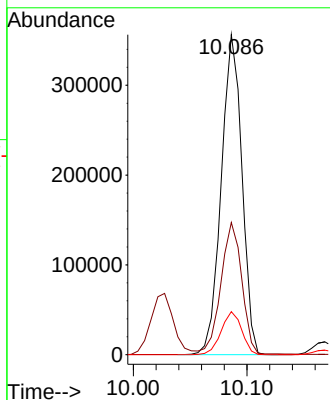
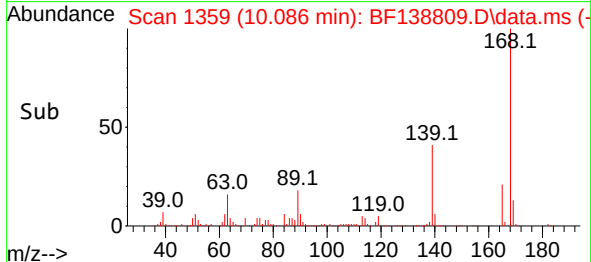
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion:168 Resp: 451168
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.4 10.7 16.1

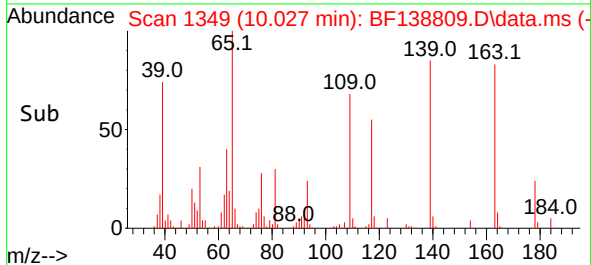
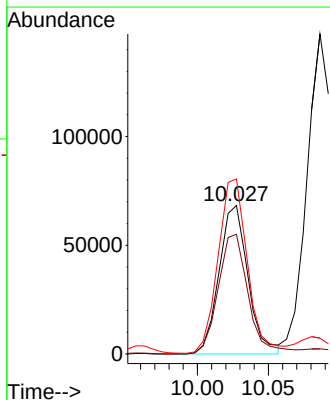
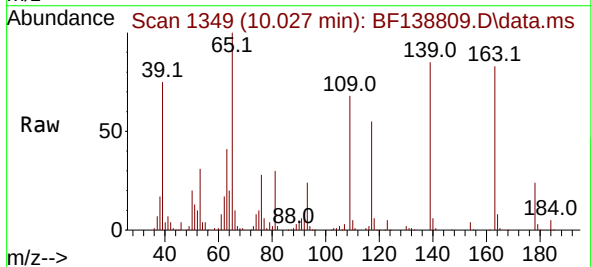
Manual Integrations
APPROVED

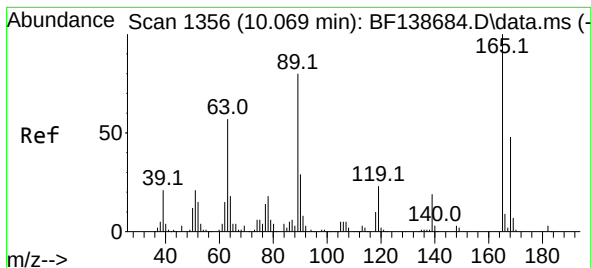
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#56
4-Nitrophenol
Concen: 89.196 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.023 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:139 Resp: 96682
Ion Ratio Lower Upper
139 100
109 80.7 55.5 95.5
65 118.0 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 50.038 ng
RT: 10.080 min Scan# 11131
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

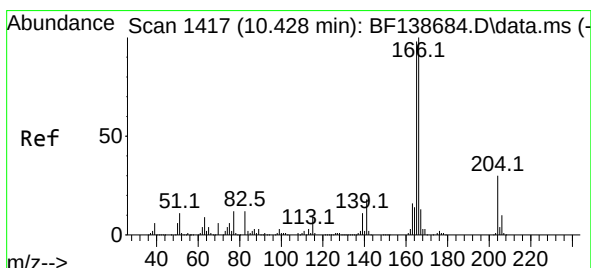
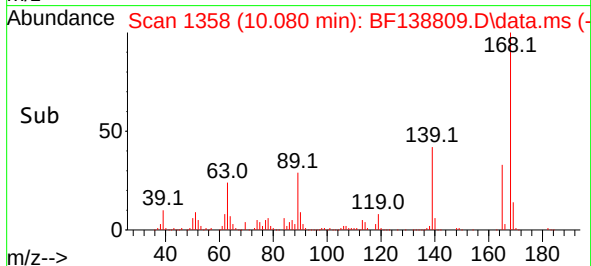
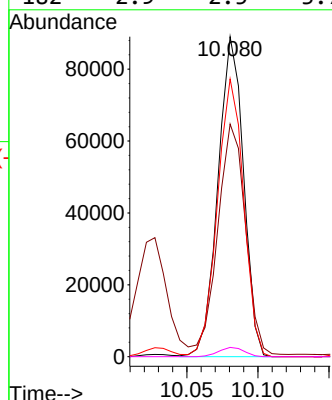
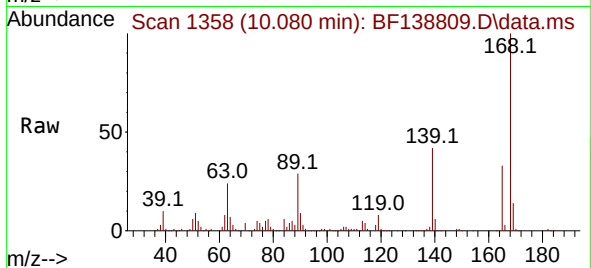
PB162384BS

Tgt Ion:165 Resp: 11131
Ion Ratio Lower Upper
165 100
63 72.7 46.3 69.5
89 86.8 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations

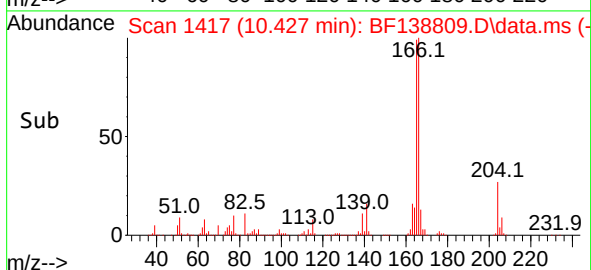
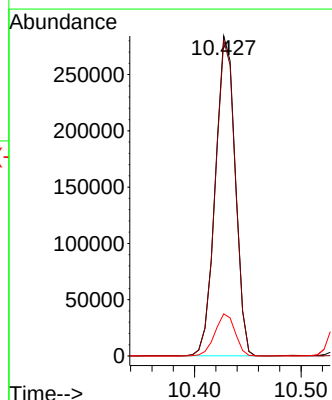
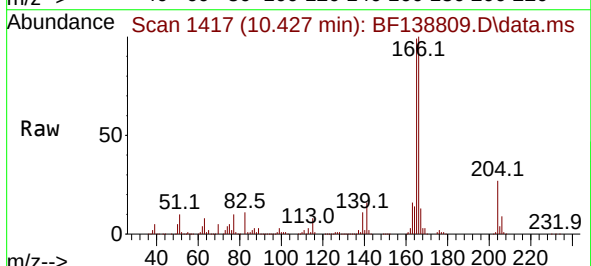
APPROVED

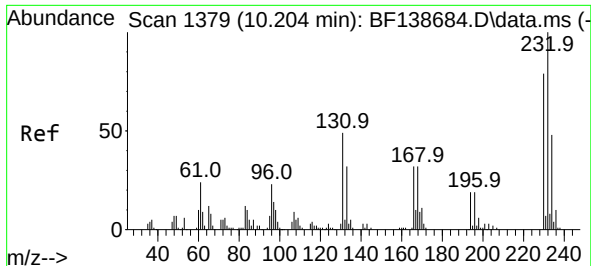
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#58
Fluorene
Concen: 48.777 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

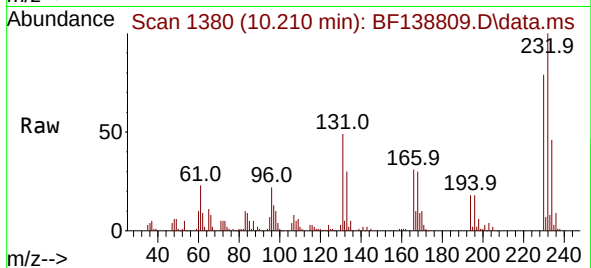
Tgt Ion:166 Resp: 367921
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.110 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

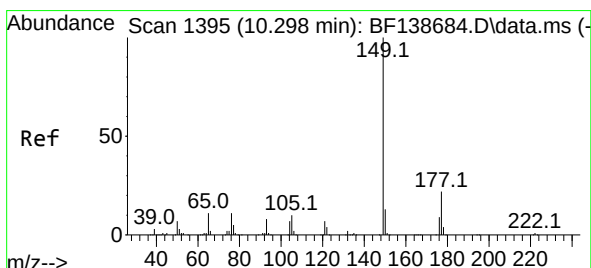
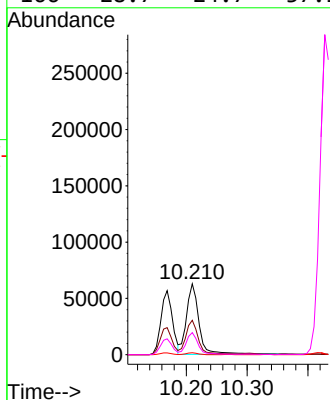
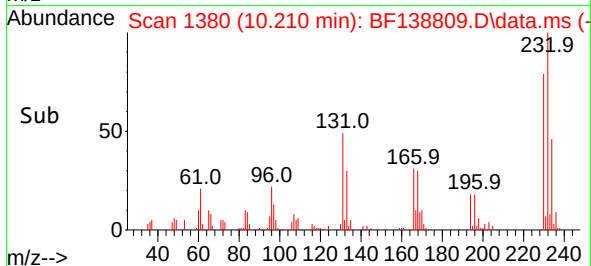
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion:232 Resp: 89130
Ion Ratio Lower Upper
232 100
131 48.7 37.0 55.4
130 2.4 2.0 3.0
166 28.7 24.7 37.1

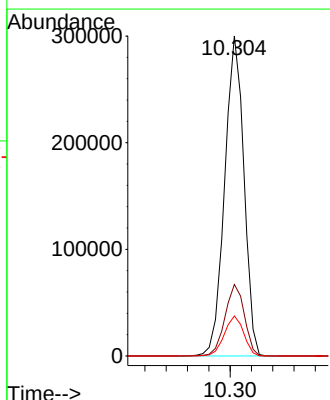
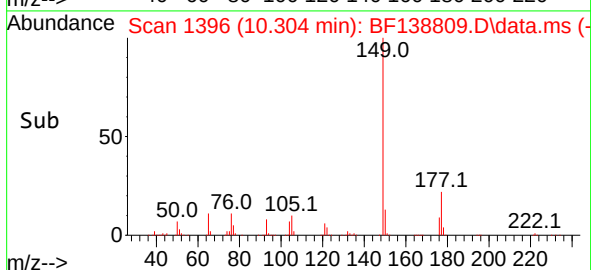
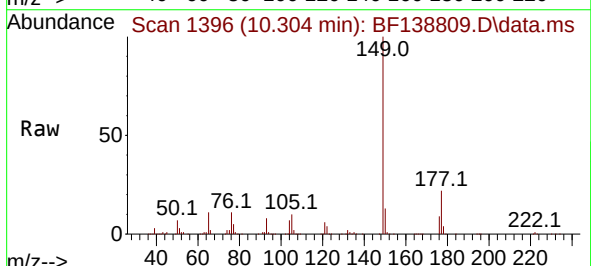
Manual Integrations
APPROVED

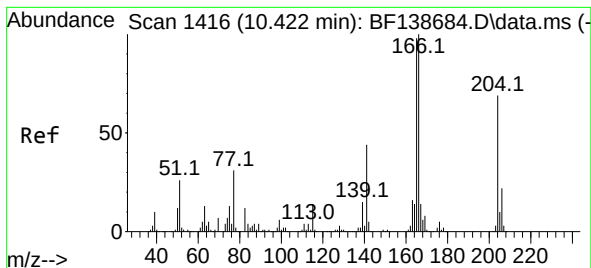
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#60
Diethylphthalate
Concen: 51.284 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

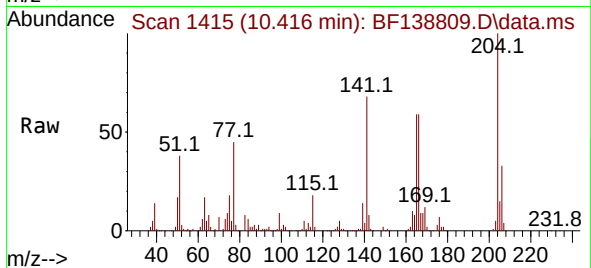
Tgt Ion:149 Resp: 375684
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.668 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

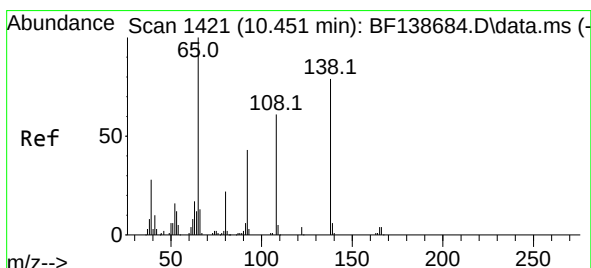
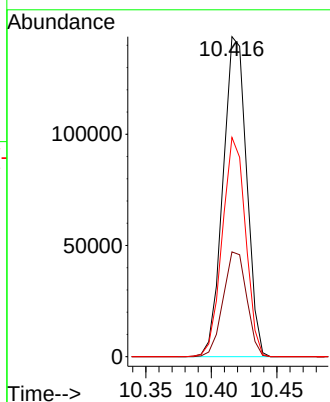
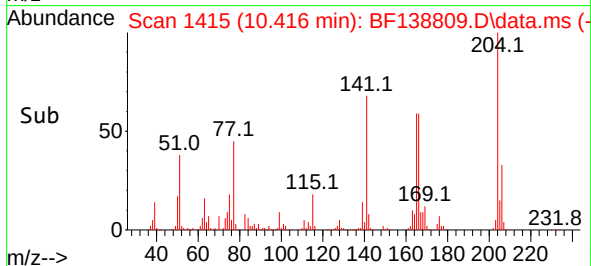
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion:204 Resp: 18054
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 68.5 51.4 77.0

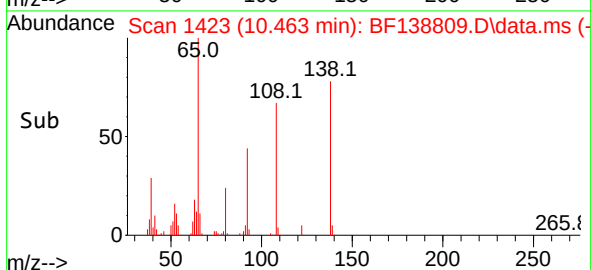
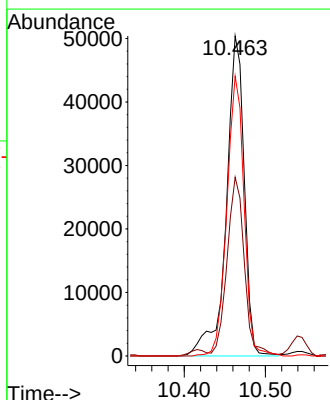
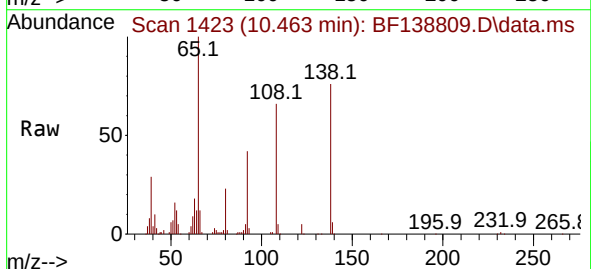
Manual Integrations
APPROVED

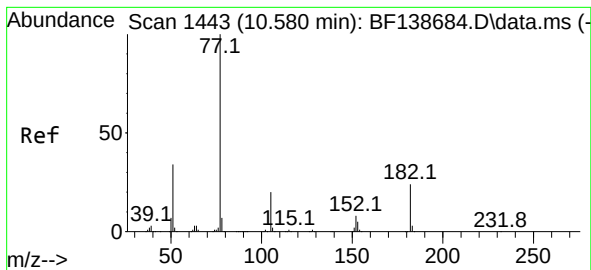
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#62
4-Nitroaniline
Concen: 45.214 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:138 Resp: 77449
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 87.4 56.2 96.2





#63
Azobenzene
Concen: 46.906 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

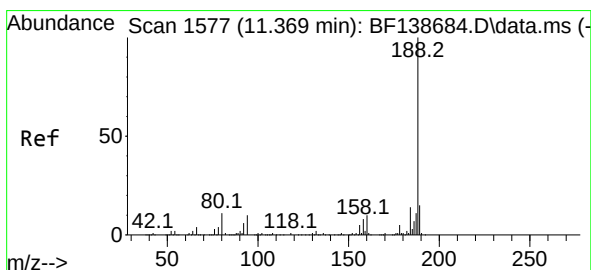
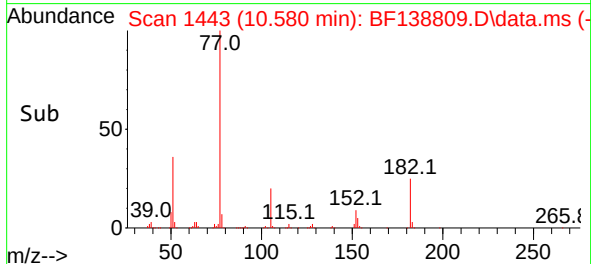
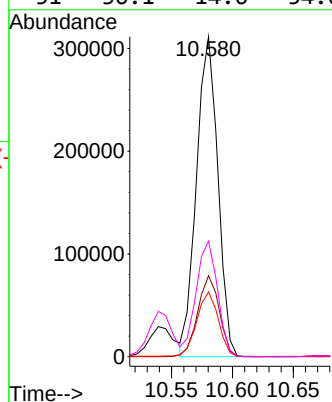
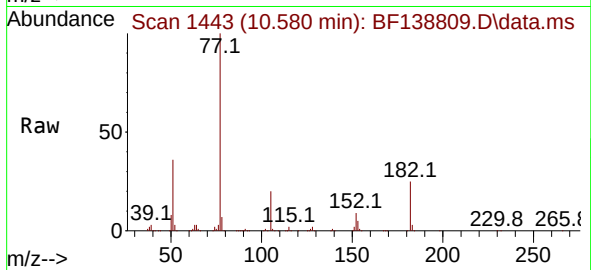
PB162384BS

Tgt Ion: 77 Resp: 38110
Ion Ratio Lower Upper
77 100
182 25.3 3.4 43.4
105 20.3 0.2 40.2
51 36.1 14.6 54.6

Manual Integrations

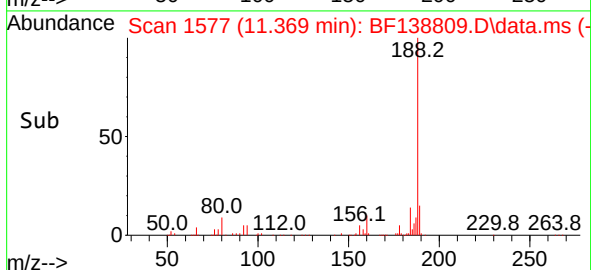
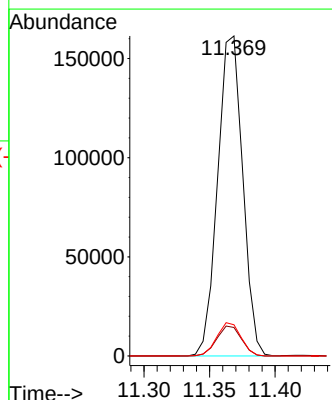
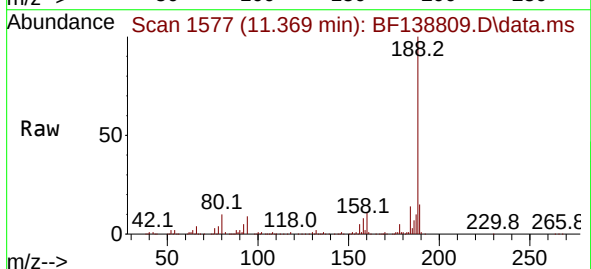
APPROVED

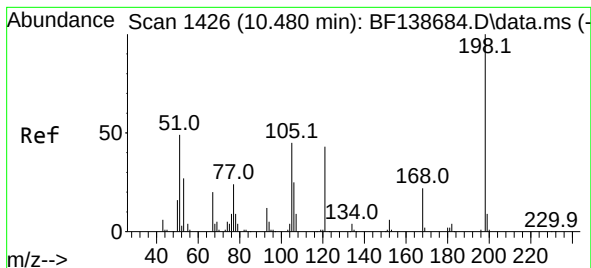
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:188 Resp: 214358
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.752 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

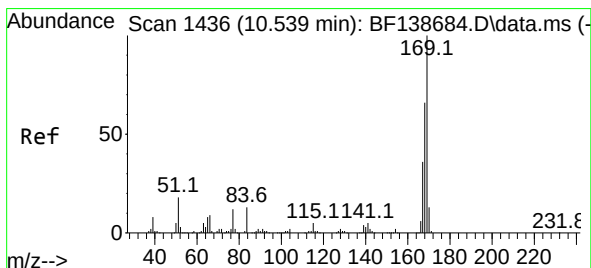
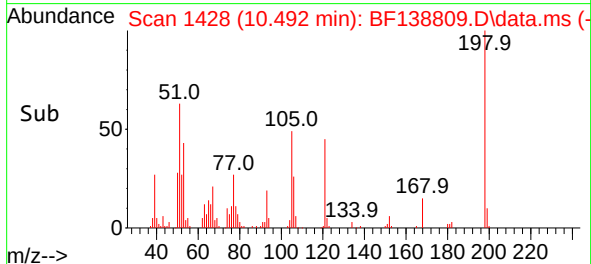
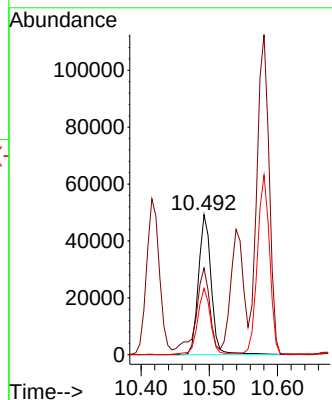
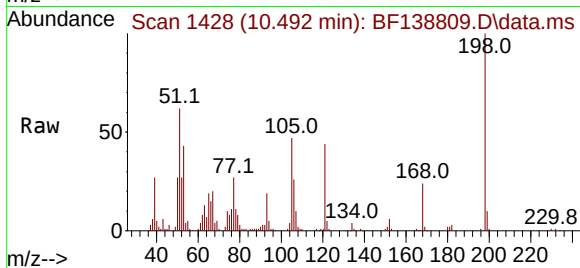
ClientSampleId :

PB162384BS

Tgt Ion:198 Resp: 63750
Ion Ratio Lower Upper
198 100
51 61.8 39.9 79.9
105 47.3 26.1 66.1

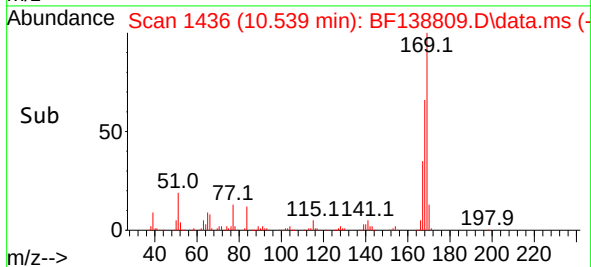
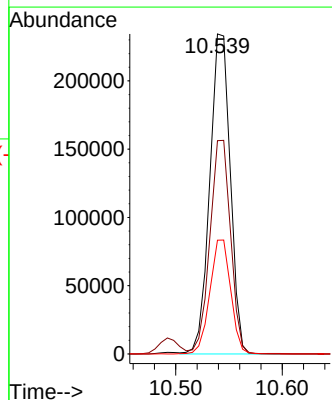
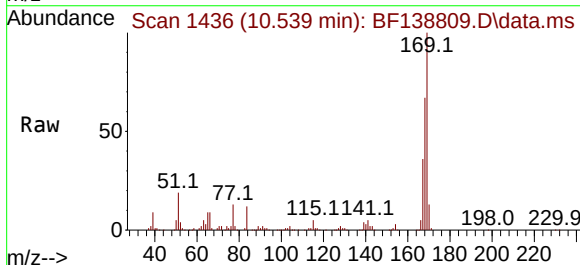
Manual Integrations
APPROVED

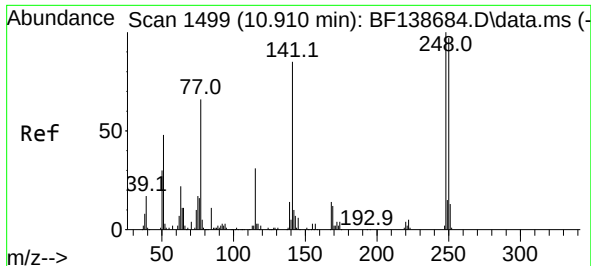
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#66
n-Nitrosodiphenylamine
Concen: 46.806 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:169 Resp: 313615
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.6 29.0 43.6





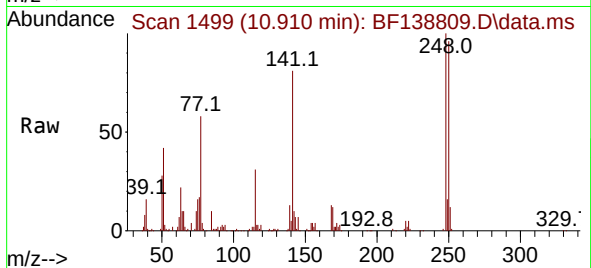
#67
4-Bromophenyl-phenylether
Concen: 46.142 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

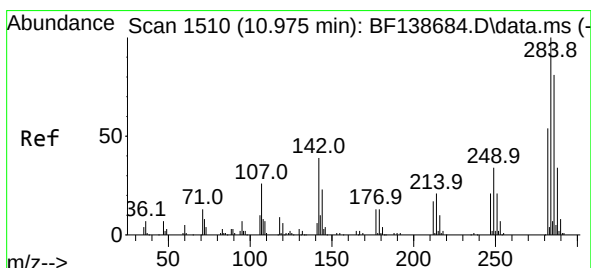
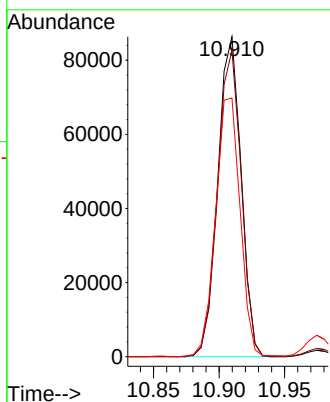
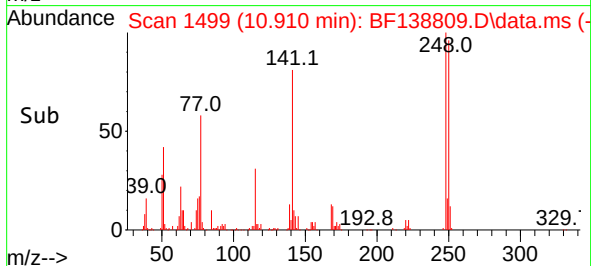
PB162384BS



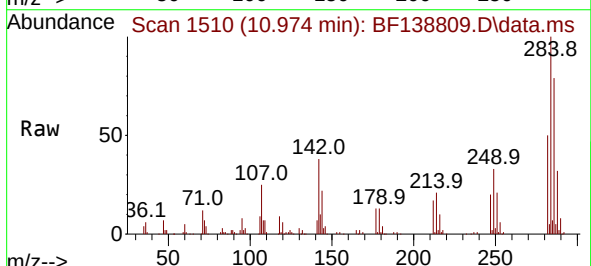
Tgt Ion:248 Resp: 10708
Ion Ratio Lower Upper
248 100
250 95.8 77.7 116.5
141 80.8 68.0 102.0

Manual Integrations
APPROVED

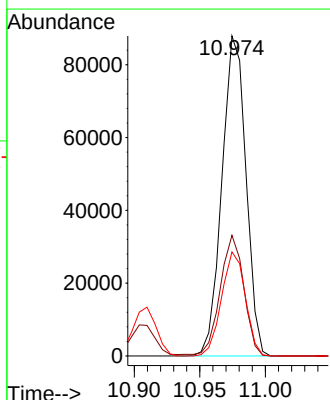
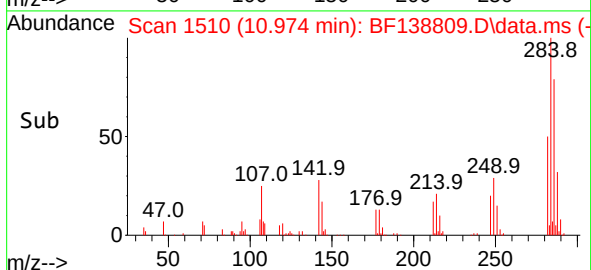
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

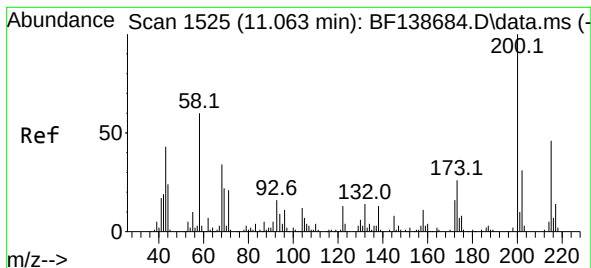


#68
Hexachlorobenzene
Concen: 46.724 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:284 Resp: 111963
Ion Ratio Lower Upper
284 100
142 37.7 31.3 46.9
249 32.5 27.2 40.8





#69

Atrazine

Concen: 54.341 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

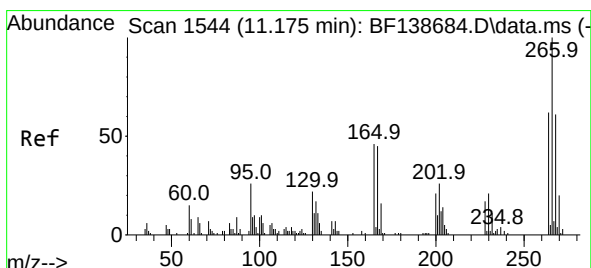
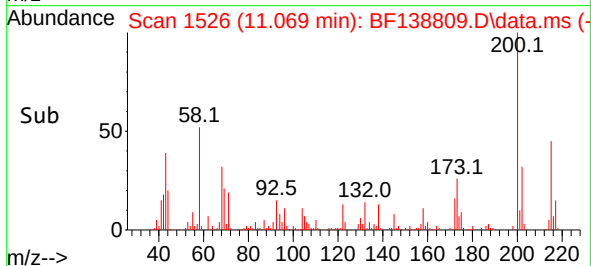
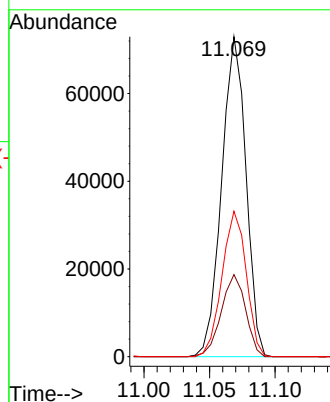
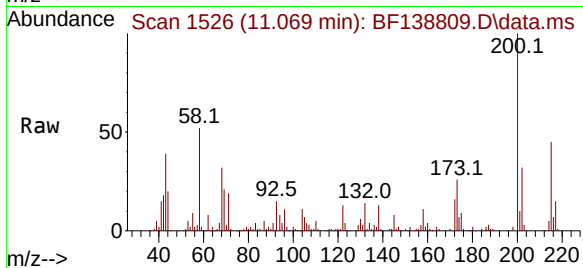
Tgt Ion:200 Resp: 93940
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.0 46.0
 215 45.5 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#70

Pentachlorophenol

Concen: 83.719 ng

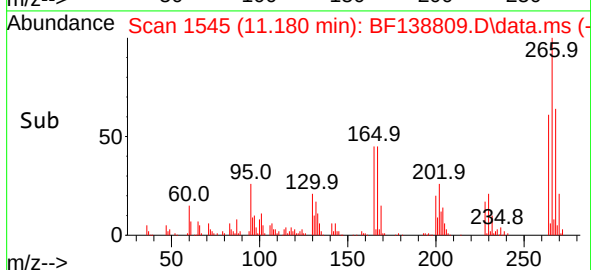
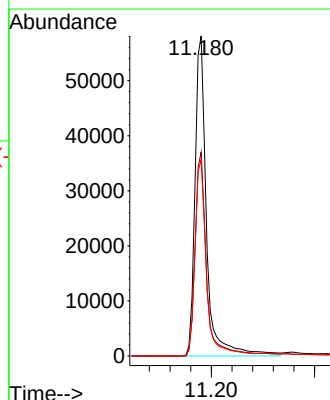
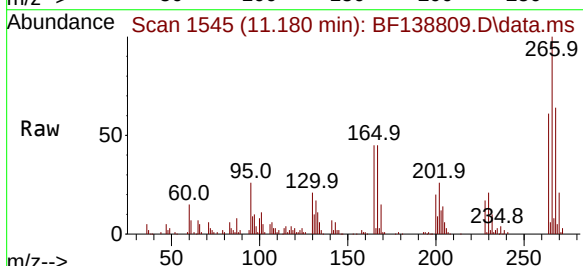
RT: 11.180 min Scan# 1545

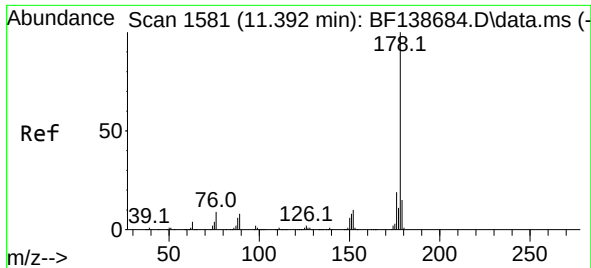
Delta R.T. 0.005 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

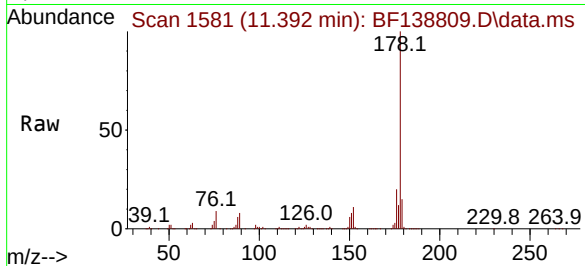
Tgt Ion:266 Resp: 90425
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.2 73.8
 264 61.4 49.8 74.6





#71
Phenanthrene
Concen: 46.975 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

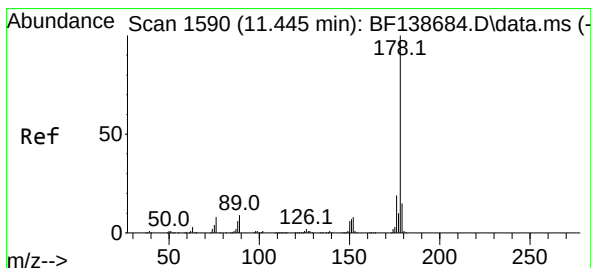
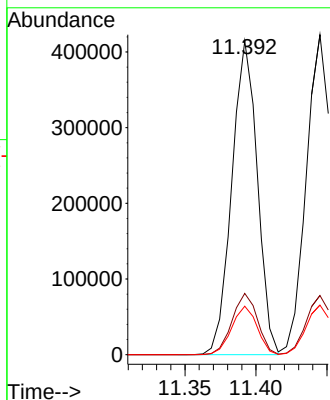
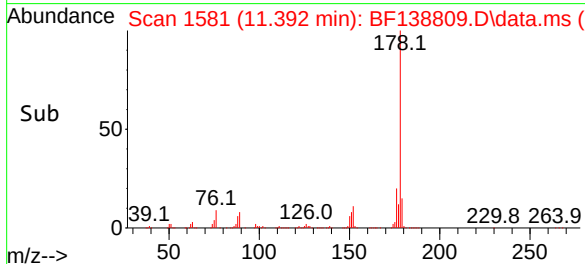
Instrument :
BNA_F
ClientSampleId :
PB162384BS



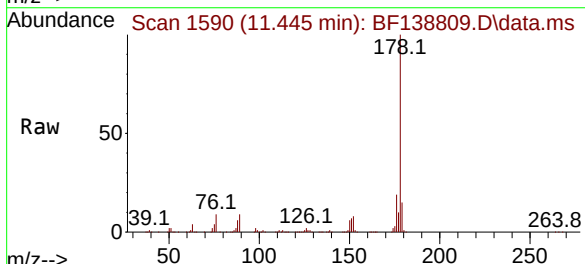
Tgt Ion:178 Resp: 51850
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.2 18.2

Manual Integrations
APPROVED

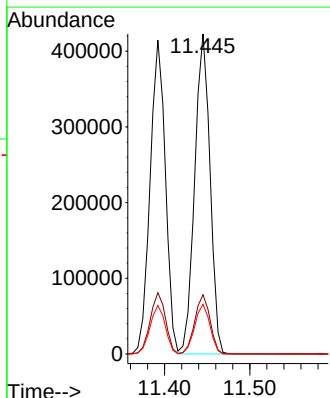
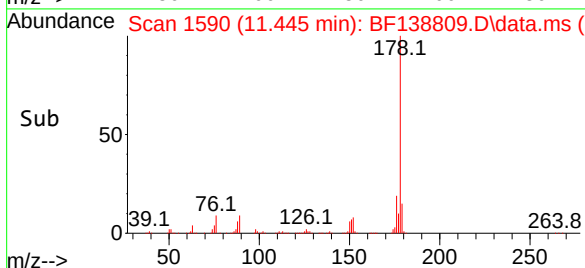
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

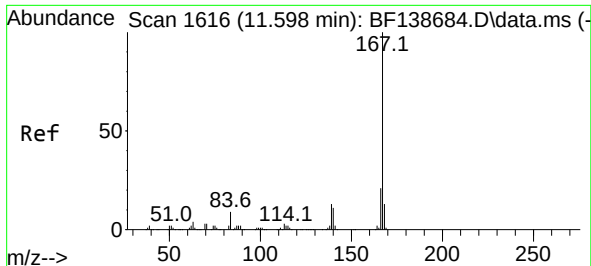


#72
Anthracene
Concen: 48.564 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:178 Resp: 528074
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6





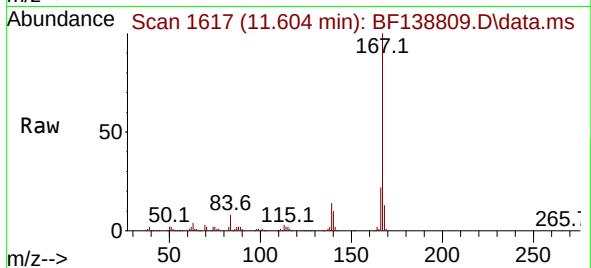
#73
Carbazole
Concen: 47.015 ng
RT: 11.604 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

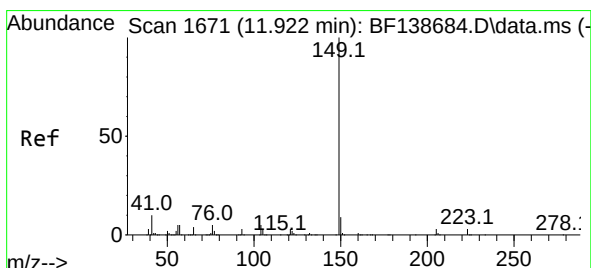
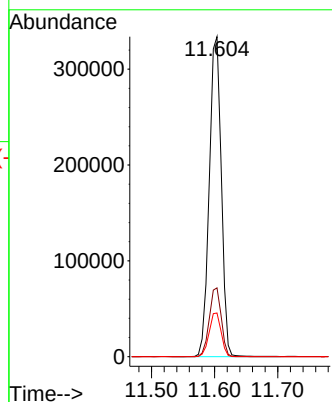
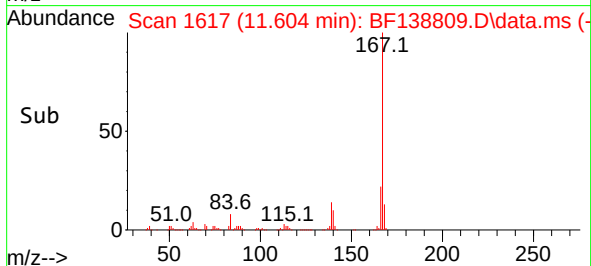


Tgt Ion:167 Resp: 441059
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.7 10.6 16.0

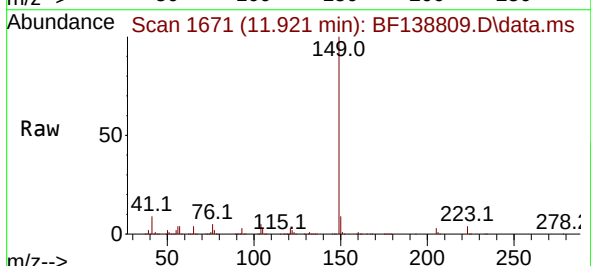
Manual Integrations

APPROVED

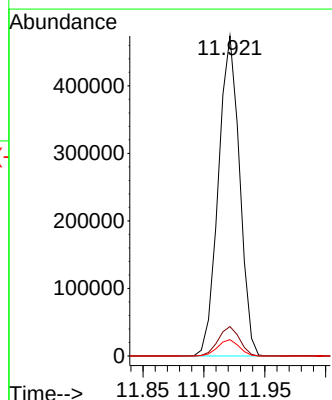
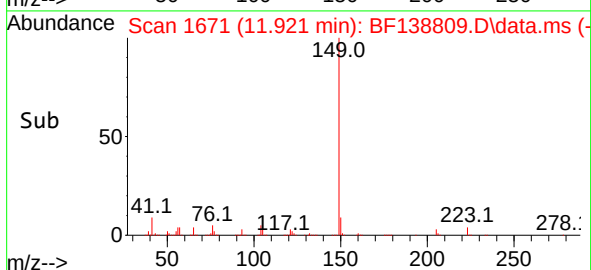
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

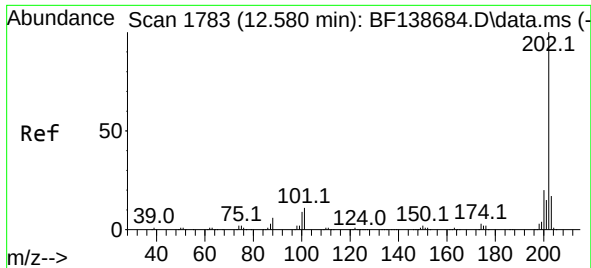


#74
Di-n-butylphthalate
Concen: 54.411 ng
RT: 11.921 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



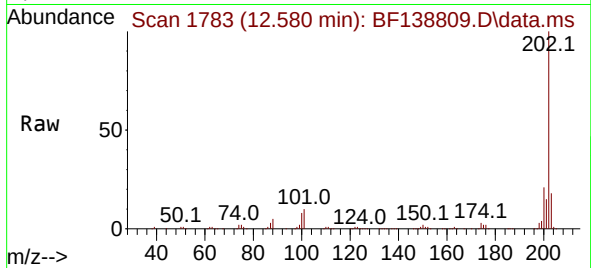
Tgt Ion:149 Resp: 573822
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.106 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

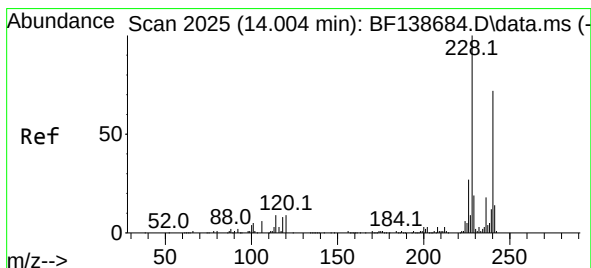
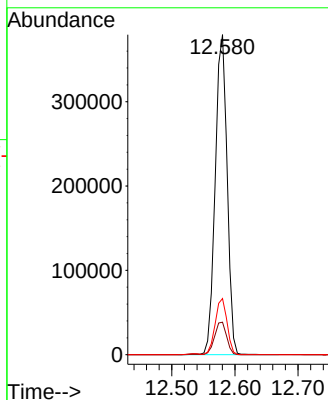
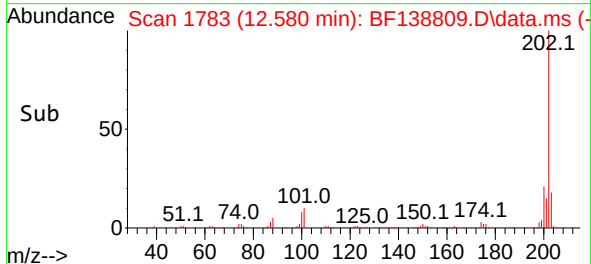
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion:202 Resp: 49570
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.6 0.0 37.3

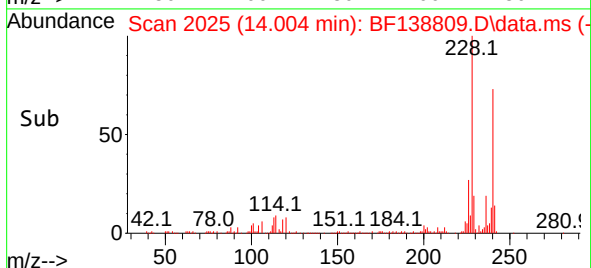
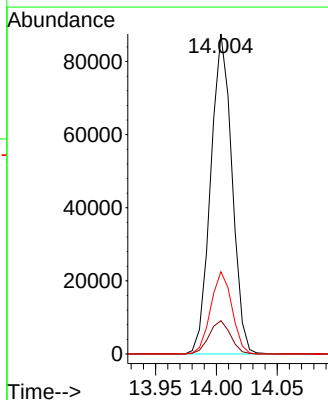
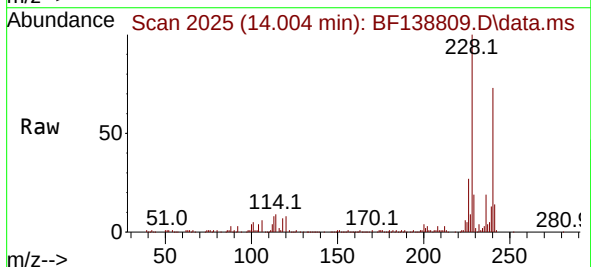
Manual Integrations
APPROVED

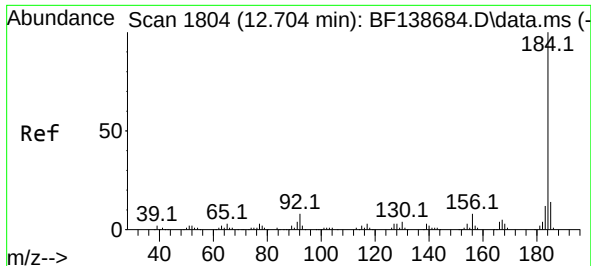
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

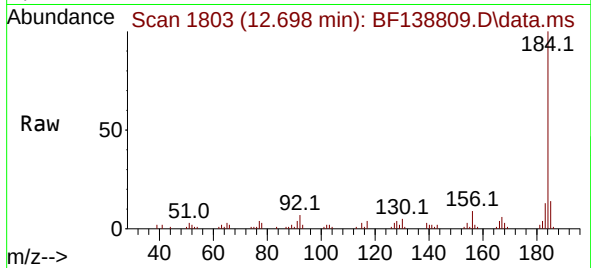
Tgt Ion:240 Resp: 106576
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.7 19.8 29.8





#77
Benzidine
Concen: 14.121 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

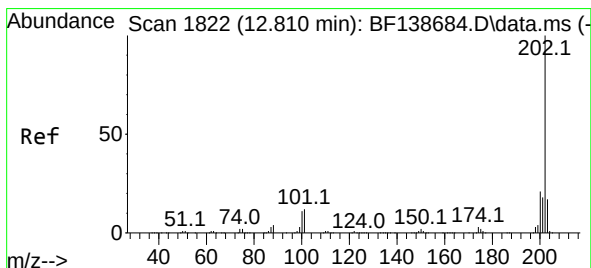
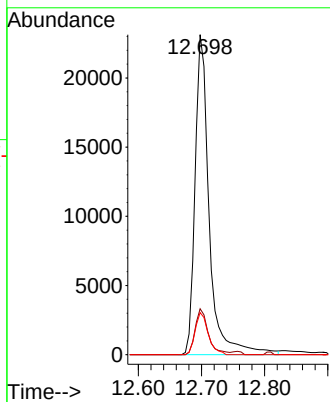
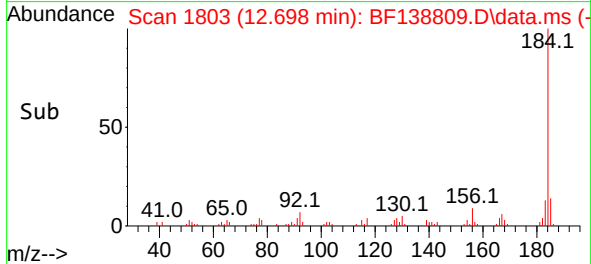
Instrument :
BNA_F
ClientSampleId :
PB162384BS



Tgt Ion:184 Resp: 35998
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 13.1 9.6 14.4

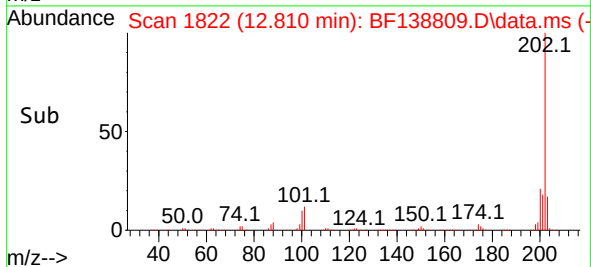
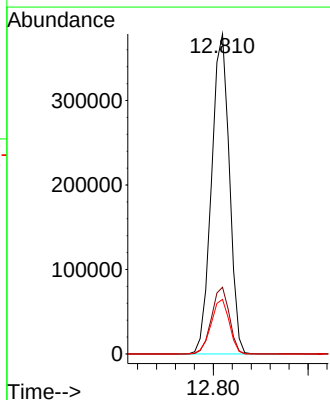
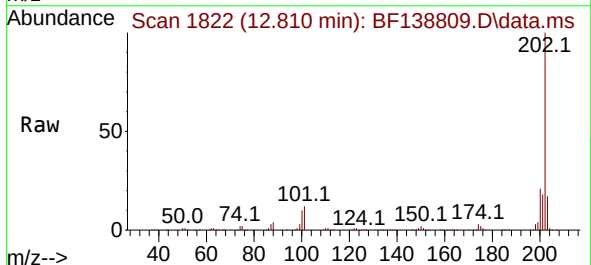
Manual Integrations
APPROVED

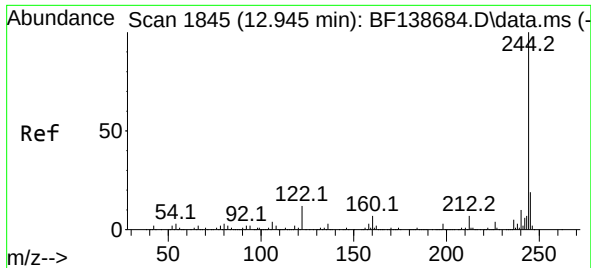
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#78
Pyrene
Concen: 49.228 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:202 Resp: 493978
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.0 13.8 20.6





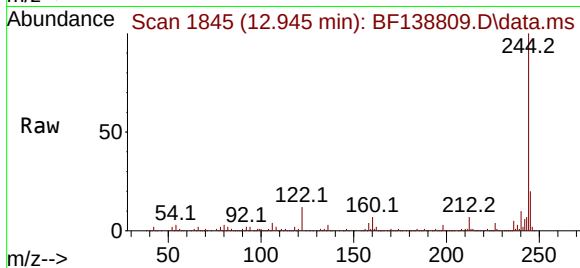
#79
 Terphenyl-d14
 Concen: 111.682 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138809.D
 Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

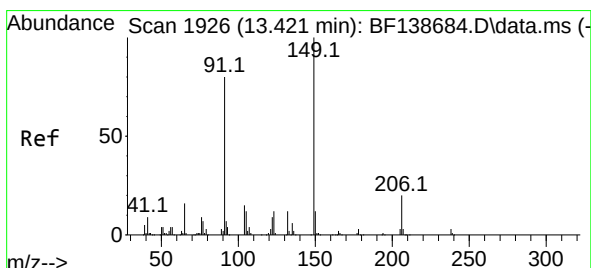
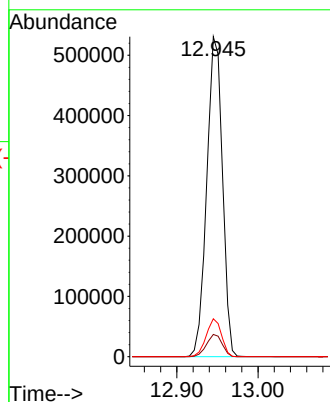
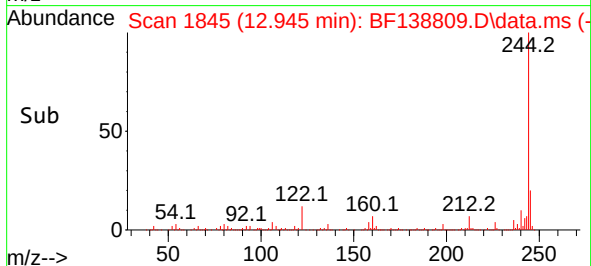


Tgt Ion:244 Resp: 710912
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.8 9.6 14.4

Manual Integrations

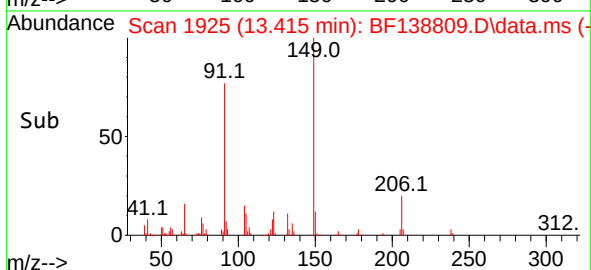
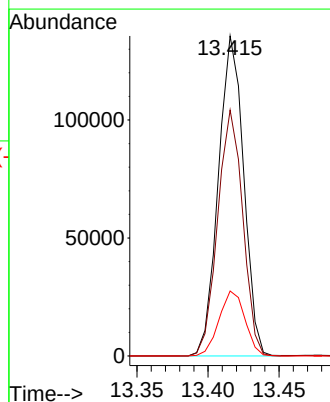
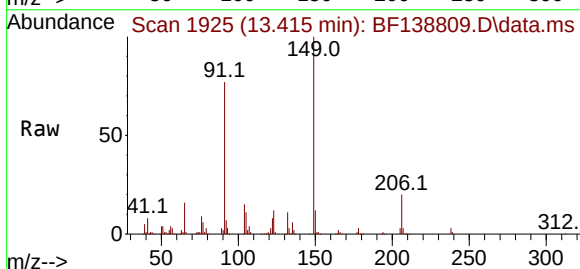
APPROVED

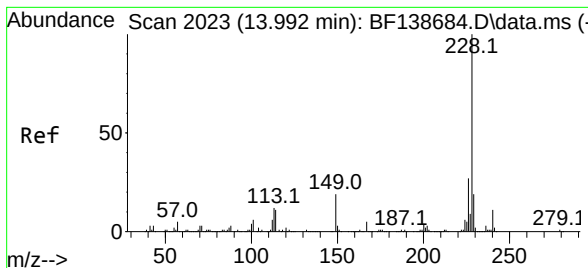
Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024



#80
 Butylbenzylphthalate
 Concen: 52.292 ng
 RT: 13.415 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138809.D
 Acq: 06 Aug 2024 14:55

Tgt Ion:149 Resp: 168030
 Ion Ratio Lower Upper
 149 100
 91 76.9 63.7 95.5
 206 20.3 16.2 24.2





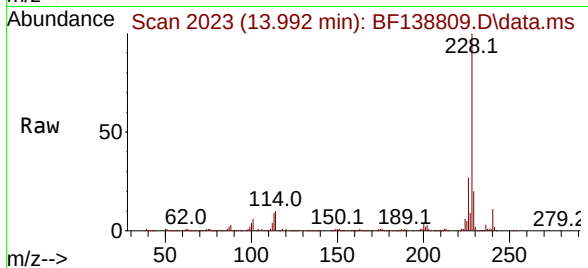
#81
Benzo(a)anthracene
Concen: 46.592 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



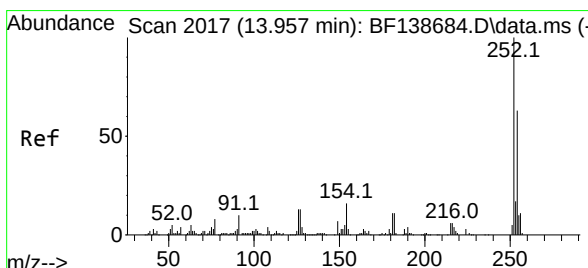
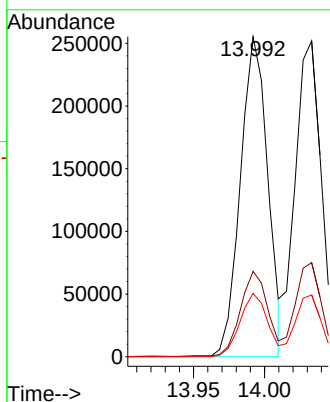
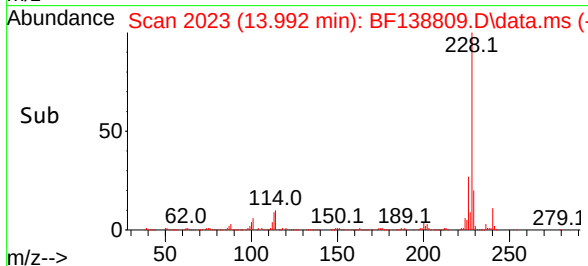
Tgt Ion:228 Resp: 34194
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.8 15.4 23.0

Manual Integrations

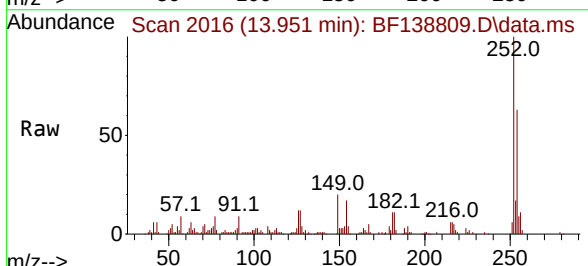
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

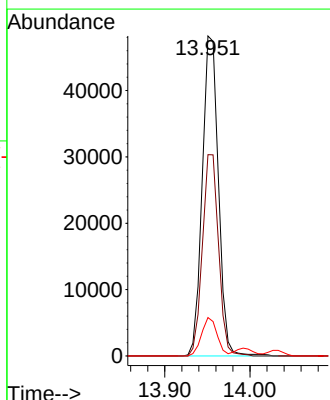
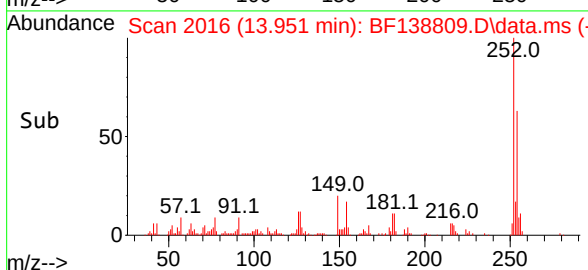
Supervised By :mohammad ahmed 08/08/2024

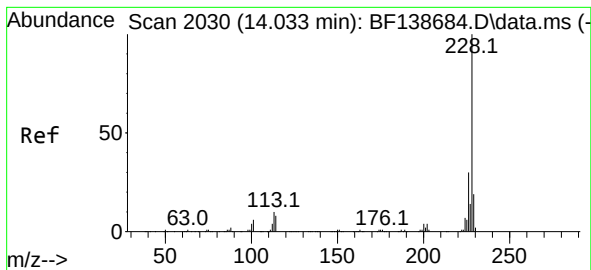


#82
3,3'-Dichlorobenzidine
Concen: 33.855 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:252 Resp: 63582
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 12.0 10.2 15.2





#83

Chrysene

Concen: 48.499 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138809.D

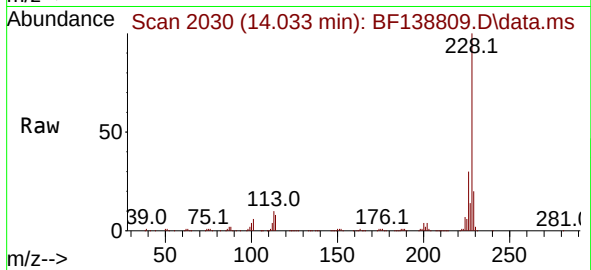
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS



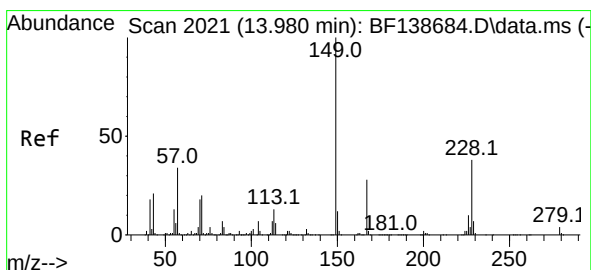
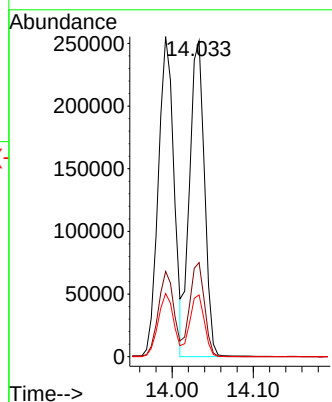
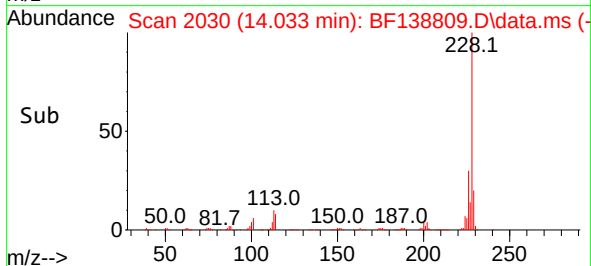
Tgt Ion:228	Resp:	321120
Ion Ratio	Lower	Upper
228	100	
226	29.8	23.7 35.5
229	19.6	15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.782 ng

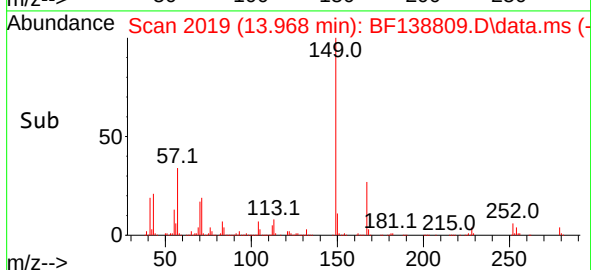
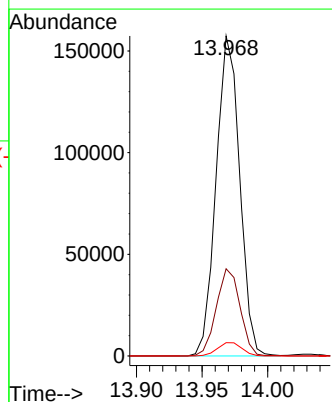
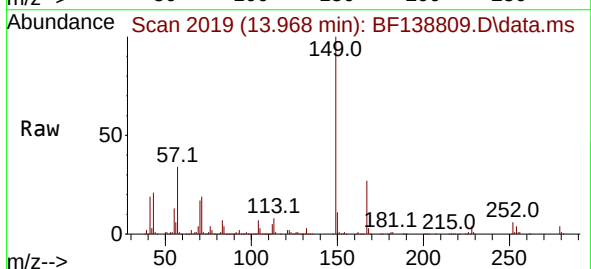
RT: 13.968 min Scan# 2019

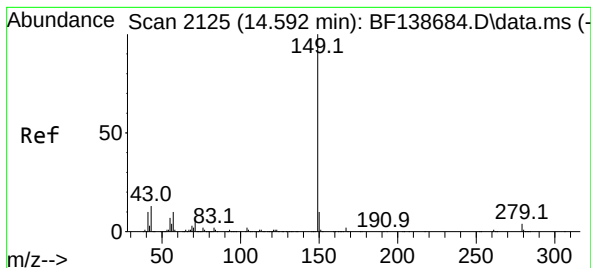
Delta R.T. -0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Tgt Ion:149	Resp:	196600
Ion Ratio	Lower	Upper
149	100	
167	27.3	22.2 33.4
279	4.2	3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.054 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

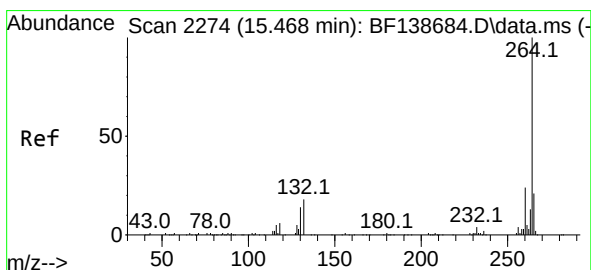
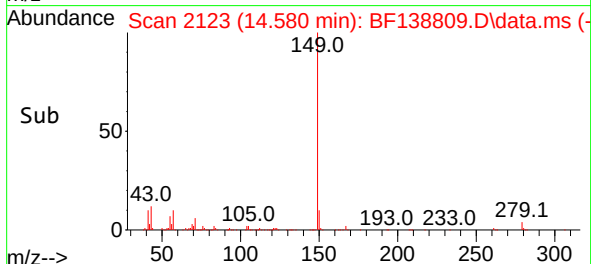
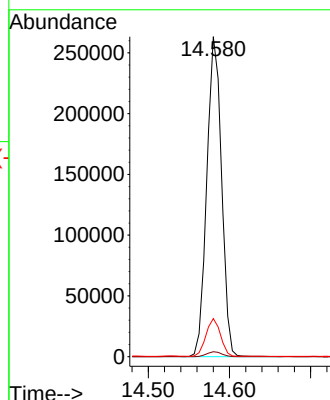
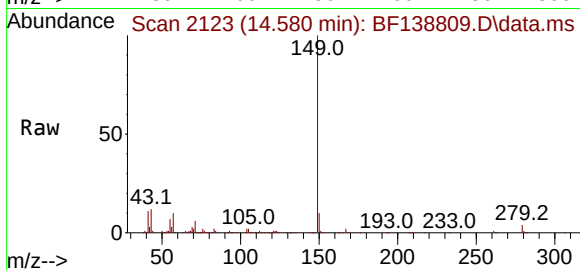
Tgt Ion:149 Resp: 331284
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 11.7 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#86

Perylene-d12

Concen: 20.000 ng

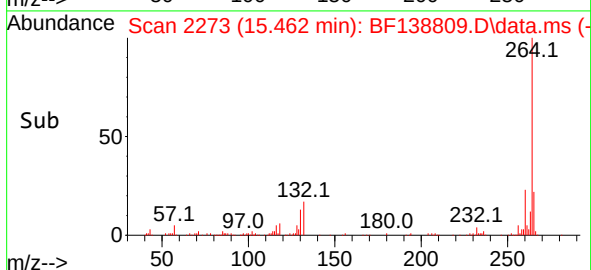
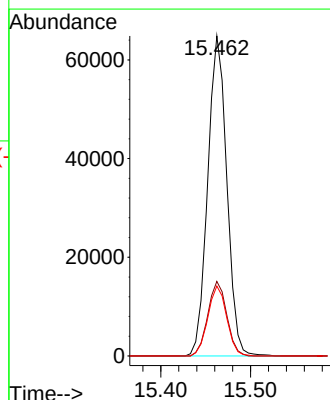
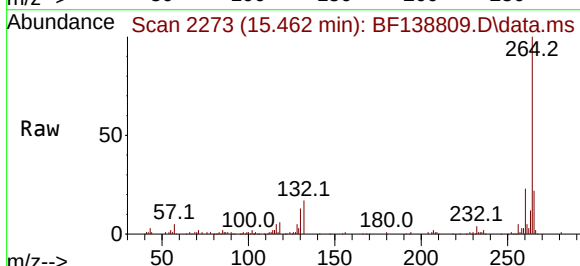
RT: 15.462 min Scan# 2273

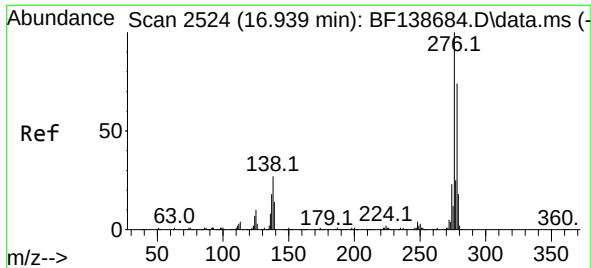
Delta R.T. -0.006 min

Lab File: BF138809.D

Acq: 06 Aug 2024 14:55

Tgt Ion:264 Resp: 95791
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.8 17.0 25.6





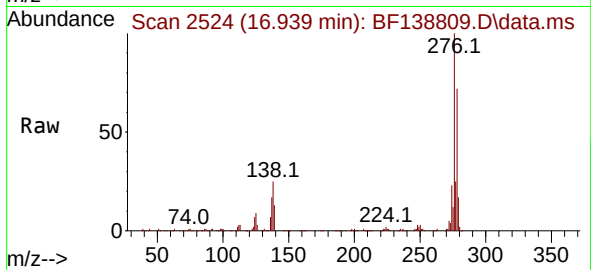
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.637 ng
RT: 16.939 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

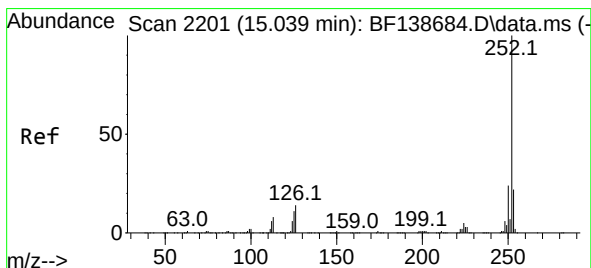
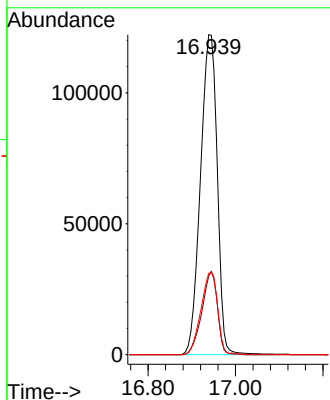
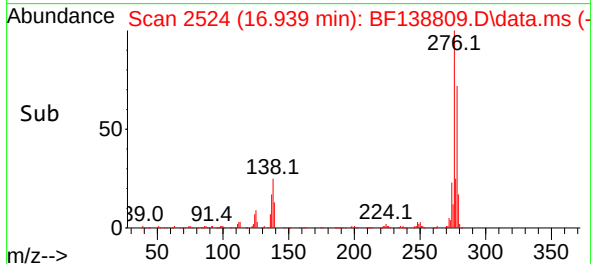


Tgt Ion: 276 Resp: 327018
Ion Ratio Lower Upper
276 100
138 24.1 21.8 32.8
277 25.4 20.6 30.8

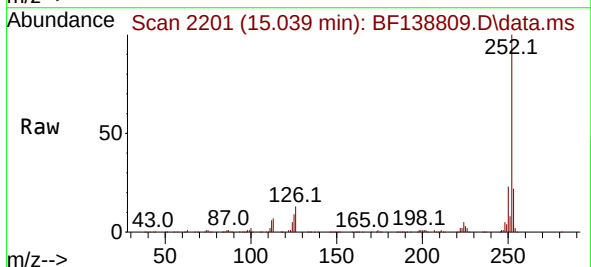
Manual Integrations

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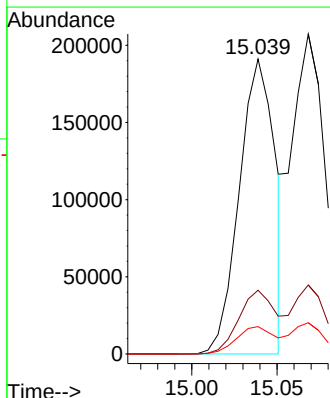
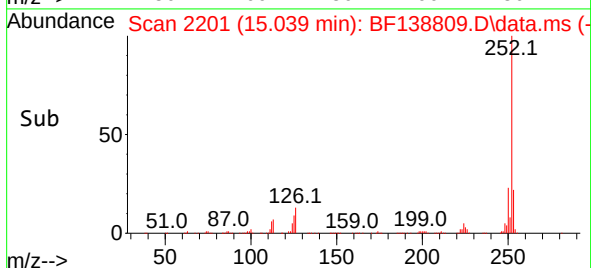
Reviewed By : Yogesh Patel 08/07/2024
Supervised By : mohammad ahmed 08/08/2024

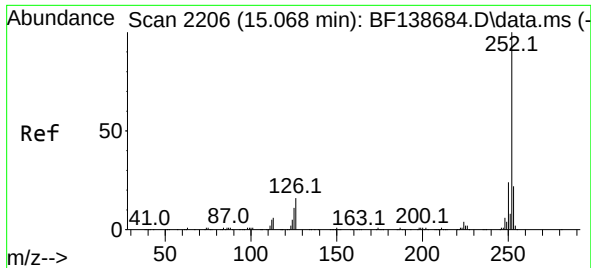


#88
Benzo(b)fluoranthene
Concen: 46.830 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion: 252 Resp: 278083
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.3 8.9 13.3





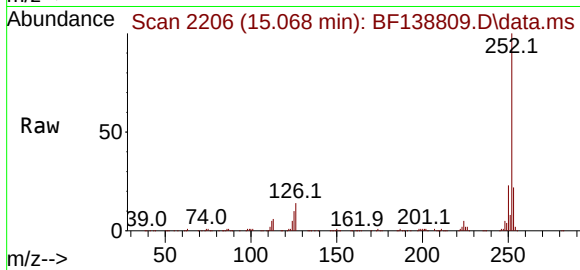
#89
Benzo(k)fluoranthene
Concen: 55.232 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB162384BS

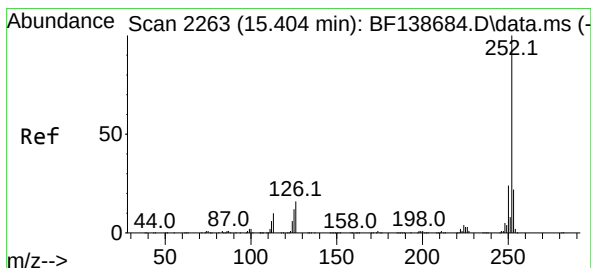
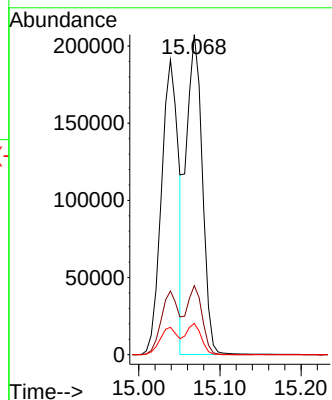
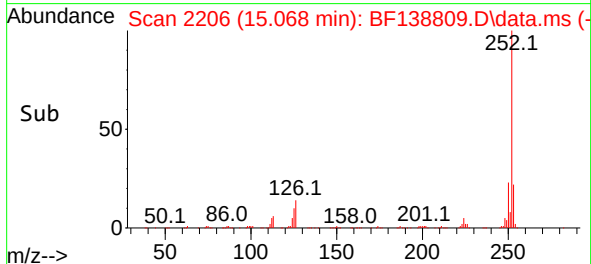


Tgt Ion:252 Resp: 283960
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.8 8.6 13.0

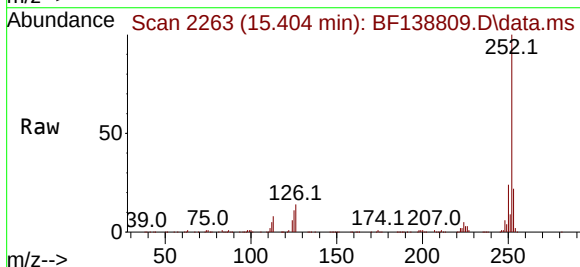
Manual Integrations

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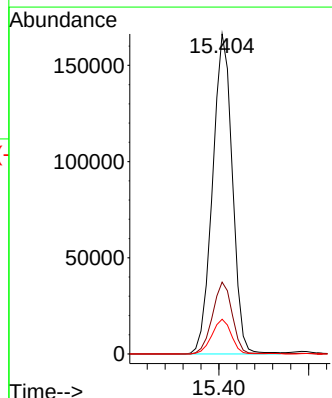
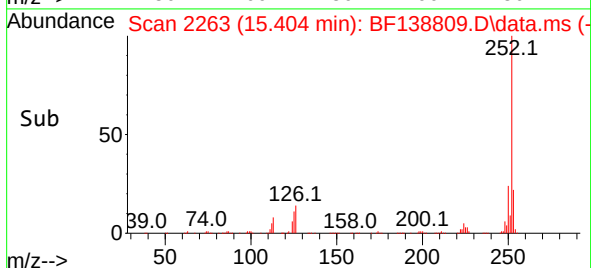
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

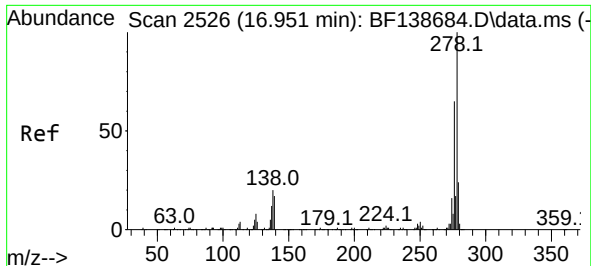


#90
Benzo(a)pyrene
Concen: 50.944 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55



Tgt Ion:252 Resp: 254457
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 47.273 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Instrument :

BNA_F

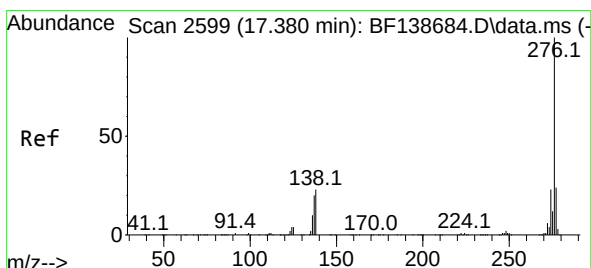
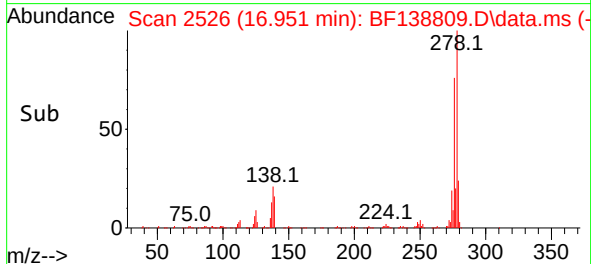
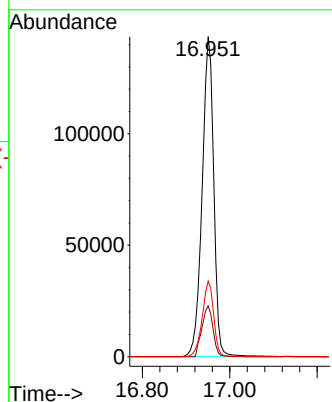
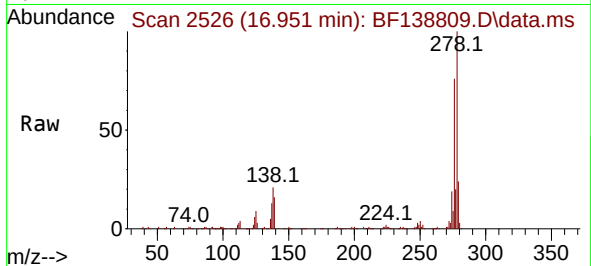
ClientSampleId :

PB162384BS

Tgt Ion:278 Resp: 266389
Ion Ratio Lower Upper
278 100
139 15.8 14.0 21.0
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#92
Benzo(g,h,i)perylene
Concen: 42.414 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138809.D
Acq: 06 Aug 2024 14:55

Tgt Ion:276 Resp: 248018
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 21.1 18.5 27.7

