

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138967.D
 Acq On : 13 Aug 2024 11:08
 Operator : RC/JU
 Sample : PB162520BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162520BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 11:47:26 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	6.840	152	49442	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	209908	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	120228	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	210367	20.000	ng	0.00
76) Chrysene-d12	14.004	240	104150	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	91923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425411	132.820	ng	0.02
7) Phenol-d6	6.493	99	559506	130.110	ng	0.00
23) Nitrobenzene-d5	7.410	82	374166	87.150	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	133213	135.265	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	695030	86.858	ng	0.00
79) Terphenyl-d14	12.939	244	687944	110.591	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	42728	30.471	ng	# 95
3) Pyridine	3.452	79	107378	31.611	ng	96
4) n-Nitrosodimethylamine	3.410	42	106582	52.682	ng	# 80
6) Aniline	6.510	93	121486	31.678	ng	# 8
8) 2-Chlorophenol	6.634	128	166637	49.450	ng	96
9) Benzaldehyde	6.399	77	82748	32.100	ng	100
10) Phenol	6.504	94	214425	47.359	ng	80
11) bis(2-Chloroethyl)ether	6.581	93	155108	44.518	ng	100
12) 1,3-Dichlorobenzene	6.781	146	167604	44.432	ng	97
13) 1,4-Dichlorobenzene	6.857	146	172544	45.326	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164472	46.230	ng	99
15) Benzyl Alcohol	6.993	79	160349	51.736	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	263808	43.996	ng	# 48
17) 2-Methylphenol	7.110	107	132778	47.717	ng	# 86
18) Hexachloroethane	7.346	117	67525	47.123	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	130290	50.164	ng	97
20) 3+4-Methylphenols	7.263	107	178500	49.997	ng	# 78
22) Acetophenone	7.257	105	228480	44.455	ng	96
24) Nitrobenzene	7.428	77	192222	43.999	ng	99
25) Isophorone	7.669	82	342449	46.712	ng	99
26) 2-Nitrophenol	7.745	139	88518	47.094	ng	95
27) 2,4-Dimethylphenol	7.787	122	112993	50.244	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	196906	44.106	ng	99
29) 2,4-Dichlorophenol	7.993	162	140879	48.751	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	150643	45.172	ng	97
31) Naphthalene	8.145	128	496239	44.913	ng	100
32) Benzoic acid	7.945	122	51007	28.854	ng	92
33) 4-Chloroaniline	8.198	127	77826	20.984	ng	98
34) Hexachlorobutadiene	8.251	225	94019	46.546	ng	96
35) Caprolactam	8.587	113	39426m	45.723	ng	
36) 4-Chloro-3-methylphenol	8.698	107	162332	49.153	ng	98
37) 2-Methylnaphthalene	8.834	142	326927	46.851	ng	100
38) 1-Methylnaphthalene	8.934	142	301477	44.090	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	142180	42.572	ng	98
41) Hexachlorocyclopentadiene	8.981	237	84792	94.533	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	89081	43.746	ng	98

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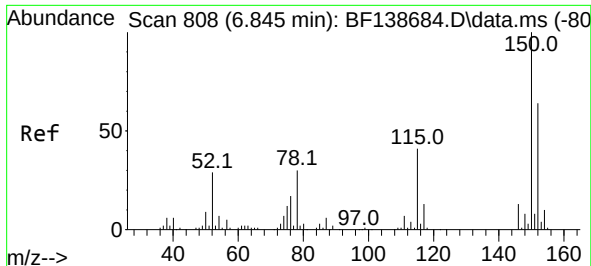
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	94690	42.536	ng	98
46) 1,1'-Biphenyl	9.298	154	386938	41.093	ng	99
47) 2-Chloronaphthalene	9.328	162	304651	43.503	ng	99
48) 2-Nitroaniline	9.434	65	114184	48.095	ng	98
49) Acenaphthylene	9.739	152	485556	48.886	ng	99
50) Dimethylphthalate	9.604	163	379639	49.384	ng	100
51) 2,6-Dinitrotoluene	9.675	165	81235	46.823	ng	92
52) Acenaphthene	9.910	154	297840	44.609	ng	99
53) 3-Nitroaniline	9.845	138	55684	31.047	ng	95
54) 2,4-Dinitrophenol	9.963	184	66332	83.055	ng	84
55) Dibenzofuran	10.081	168	447408	47.471	ng	97
56) 4-Nitrophenol	10.028	139	74111	68.714	ng	87
57) 2,4-Dinitrotoluene	10.081	165	112103	50.645	ng	# 79
58) Fluorene	10.428	166	362427	48.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	80910	47.541	ng	94
60) Diethylphthalate	10.298	149	378567	51.936	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	179675	48.675	ng	99
62) 4-Nitroaniline	10.463	138	76015m	44.599	ng	
63) Azobenzene	10.575	77	395731	48.950	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	59127	46.070	ng	92
66) n-Nitrosodiphenylamine	10.539	169	302467	45.998	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	102734	45.106	ng	97
68) Hexachlorobenzene	10.975	284	106177	45.150	ng	98
69) Atrazine	11.063	200	94396	55.641	ng	98
70) Pentachlorophenol	11.175	266	70243	66.267	ng	99
71) Phenanthrene	11.386	178	518125	47.832	ng	99
72) Anthracene	11.439	178	529525	49.622	ng	100
73) Carbazole	11.598	167	436135	47.372	ng	99
74) Di-n-butylphthalate	11.916	149	576456	55.698	ng	99
75) Fluoranthene	12.575	202	481987	47.662	ng	99
77) Benzidine	12.698	184	32006	12.848	ng	100
78) Pyrene	12.804	202	467899	47.715	ng	100
80) Butylbenzylphthalate	13.410	149	179755	57.244	ng	99
81) Benzo(a)anthracene	13.992	228	341379	47.599	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	64843	35.330	ng	99
83) Chrysene	14.027	228	311614	48.159	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	233278	50.732	ng	97
85) Di-n-octyl phthalate	14.574	149	350779	41.232	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	296334	44.984	ng	97
88) Benzo(b)fluoranthene	15.039	252	274450	48.163	ng	98
89) Benzo(k)fluoranthene	15.069	252	287861	58.346	ng	98
90) Benzo(a)pyrene	15.404	252	257889	53.804	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	240349	44.447	ng	98
92) Benzo(g,h,i)perylene	17.386	276	218103	38.868	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

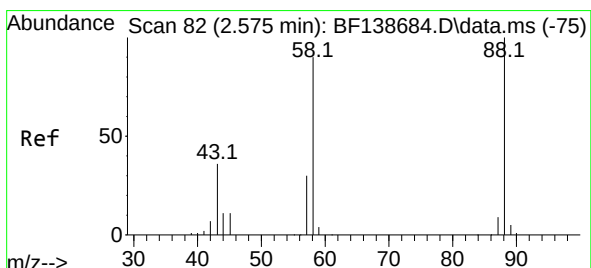
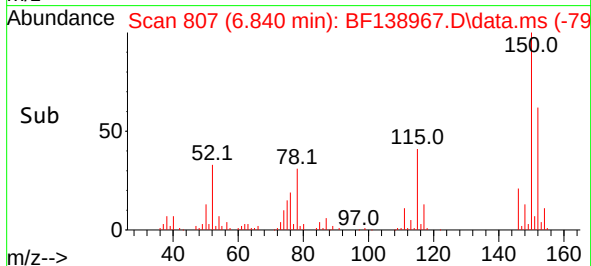
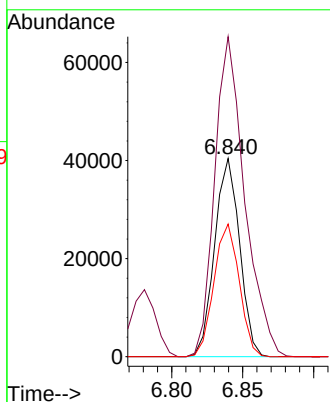
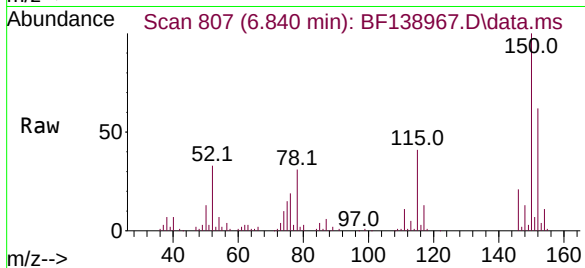
PB162520BS

Tgt Ion:152 Resp: 4944
Ion Ratio Lower Upper
152 100
150 161.4 126.0 189.0
115 66.9 51.7 77.5

Manual Integrations

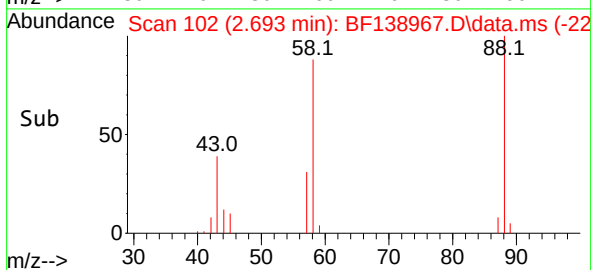
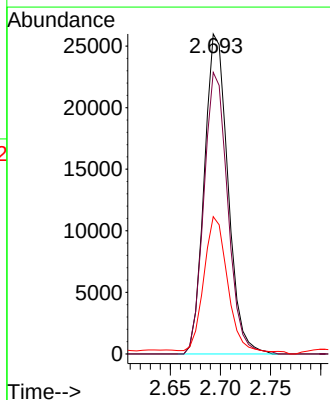
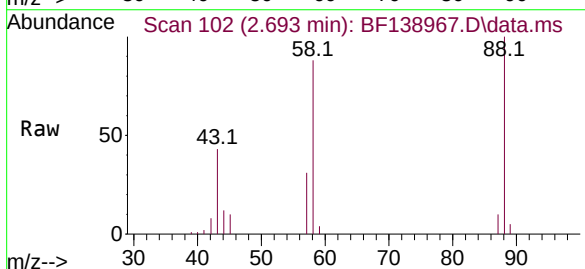
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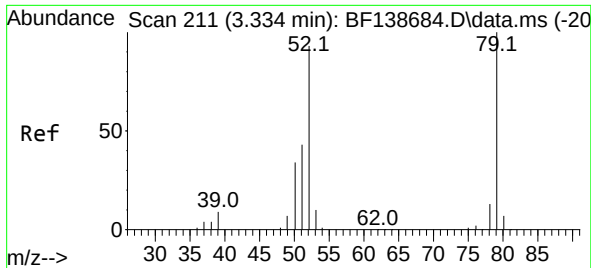
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 30.471 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion: 88 Resp: 42728
Ion Ratio Lower Upper
88 100
58 88.7 71.6 107.4
43 44.3 28.7 43.1#





#3
Pyridine
Concen: 31.611 ng
RT: 3.452 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

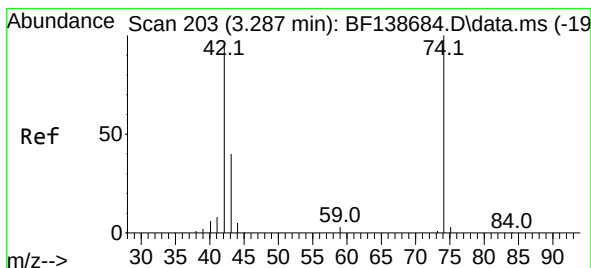
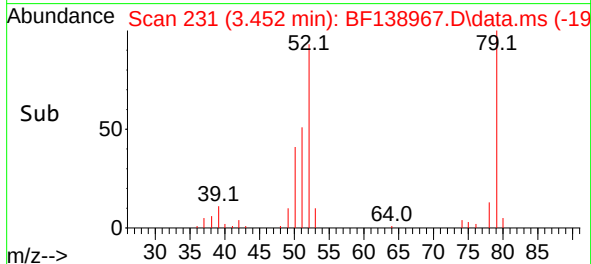
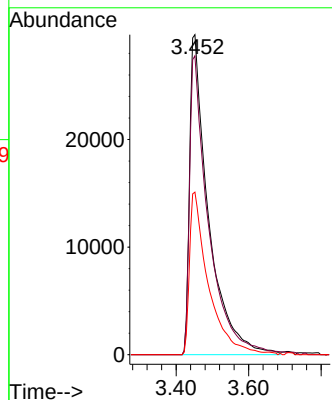
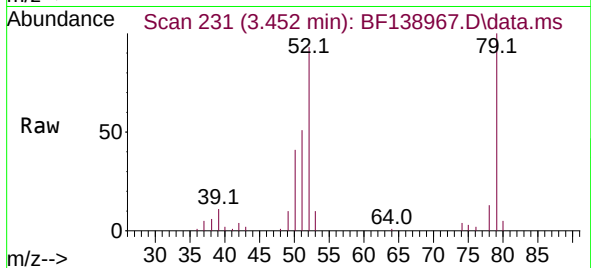
PB162520BS

Tgt Ion: 79 Resp: 107378
Ion Ratio Lower Upper
79 100
52 93.4 74.7 112.1
51 50.8 34.6 51.8

Manual Integrations

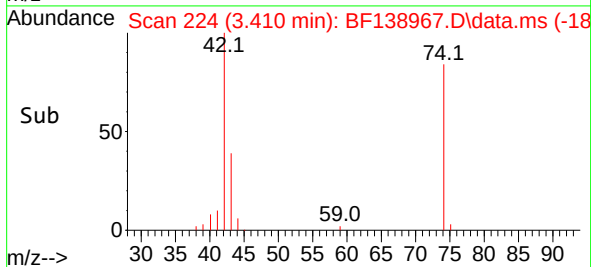
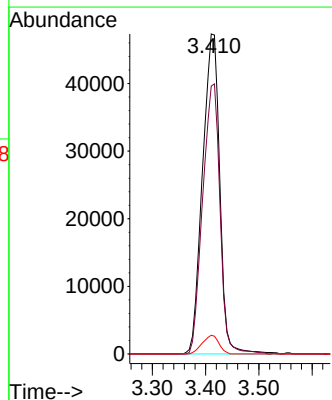
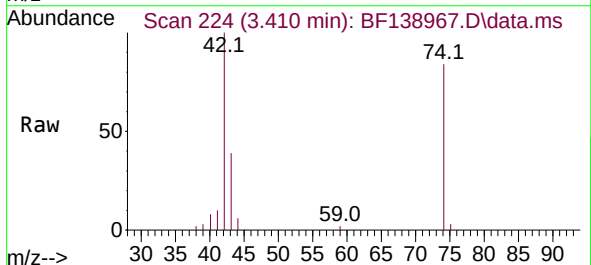
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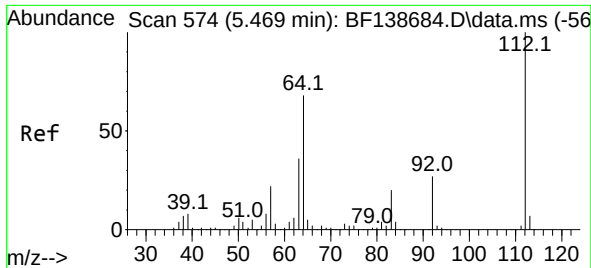
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#4
n-Nitrosodimethylamine
Concen: 52.682 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.124 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion: 42 Resp: 106582
Ion Ratio Lower Upper
42 100
74 83.7 84.2 126.4#
44 5.9 4.9 7.3





#5
2-Fluorophenol
Concen: 132.820 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

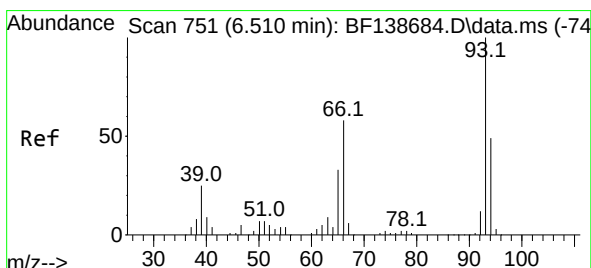
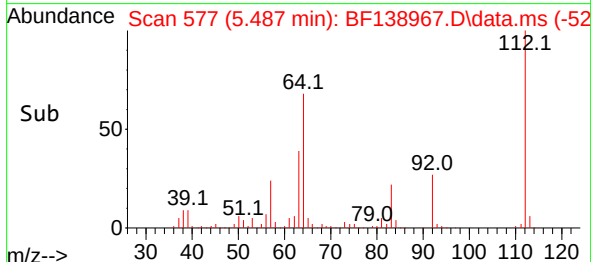
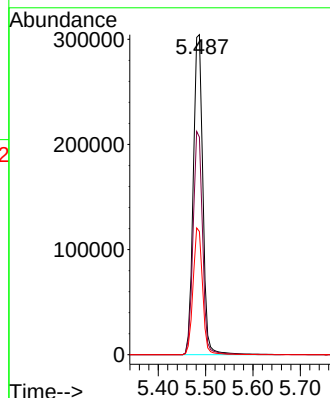
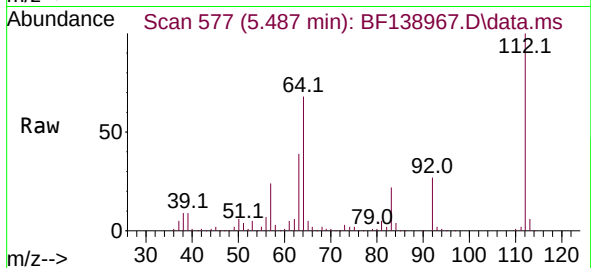
PB162520BS

Tgt Ion:112 Resp: 42541
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 38.5 28.7 43.1

Manual Integrations

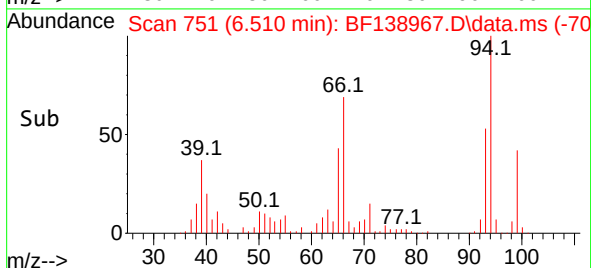
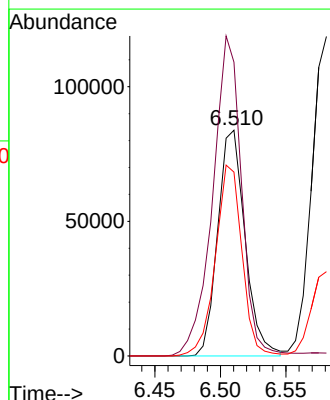
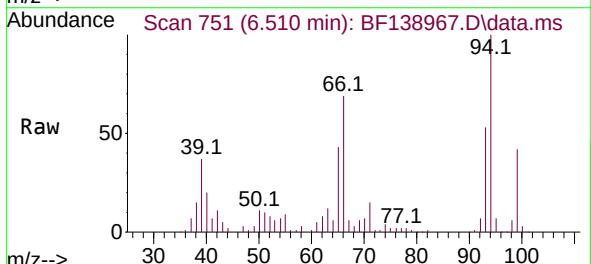
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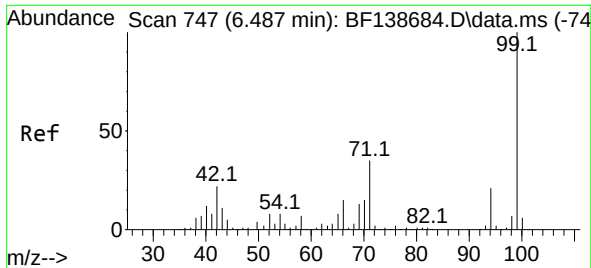
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 31.678 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion: 93 Resp: 121486
Ion Ratio Lower Upper
93 100
66 130.1 46.9 70.3#
65 81.4 26.5 39.7#





#7

Phenol-d6

Concen: 130.110 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

Tgt Ion: 99 Resp: 559500

Ion Ratio Lower Upper

99 100

42 25.2 17.4 26.0

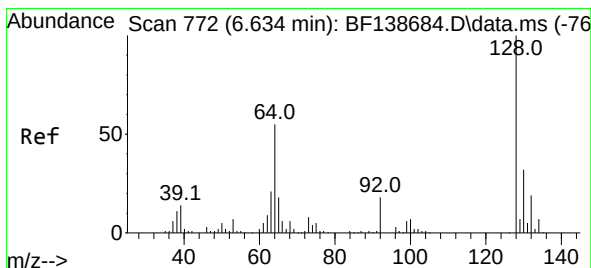
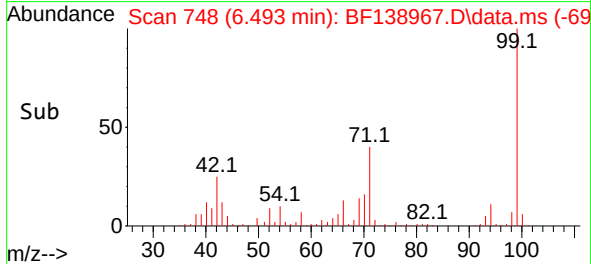
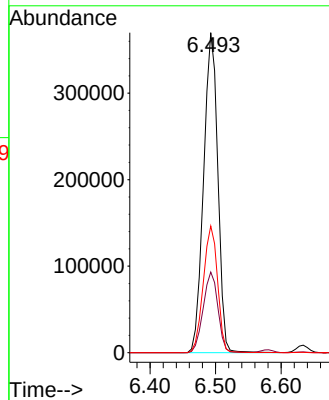
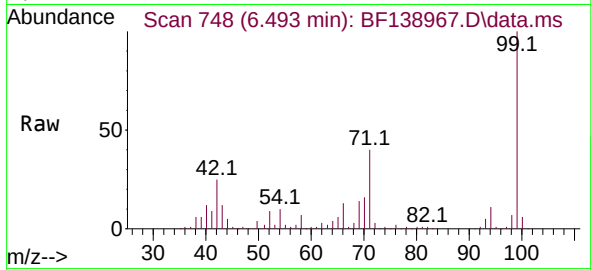
71 39.6 28.1 42.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.450 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

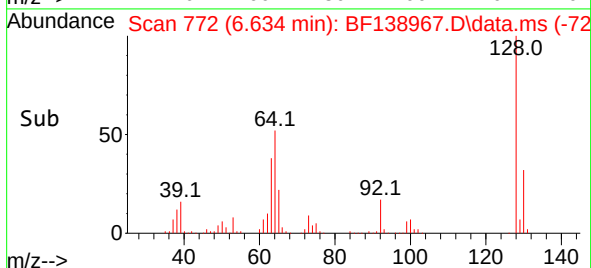
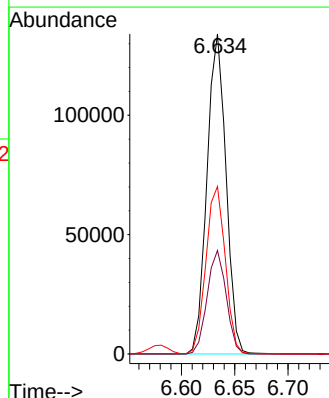
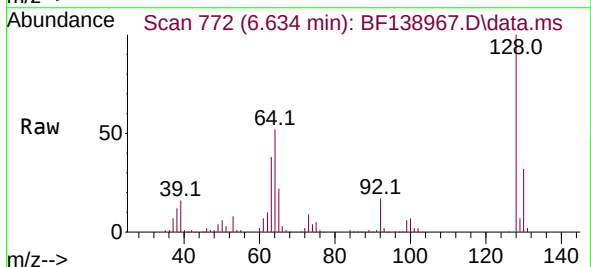
Tgt Ion:128 Resp: 166637

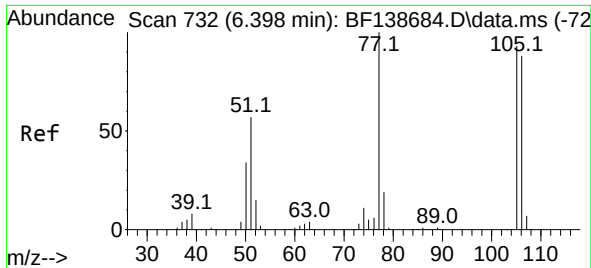
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 52.3 36.3 76.3





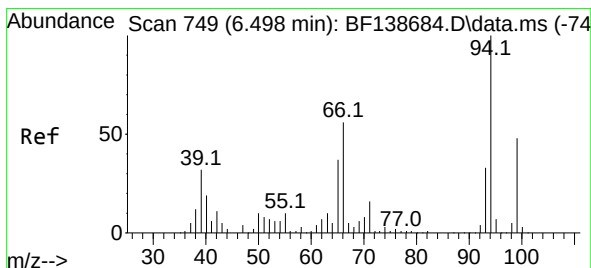
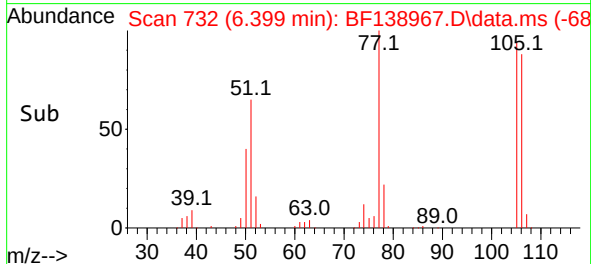
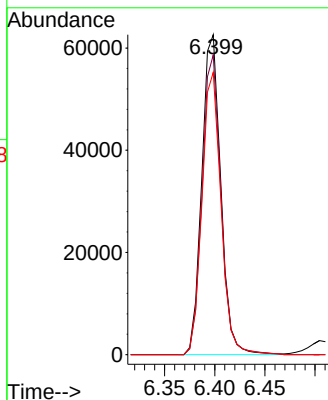
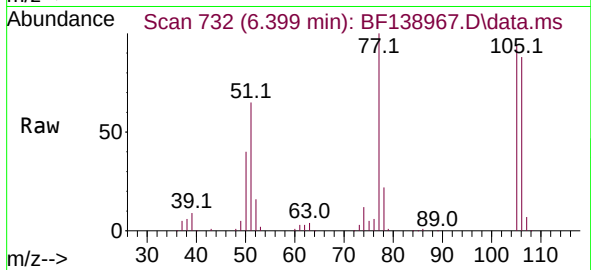
#9
Benzaldehyde
Concen: 32.100 ng
RT: 6.399 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162520BS

Tgt Ion: 77 Resp: 82748
Ion Ratio Lower Upper
77 100
105 93.7 72.9 112.9
106 88.2 68.4 108.4

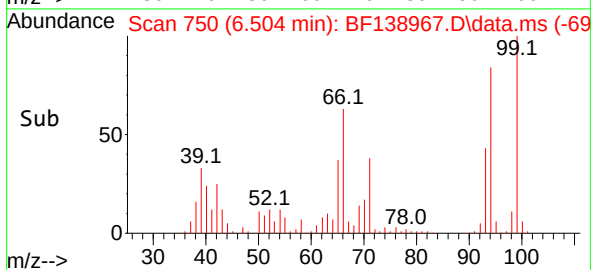
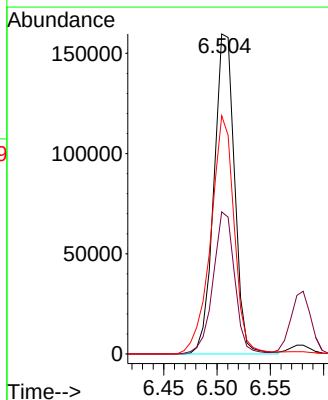
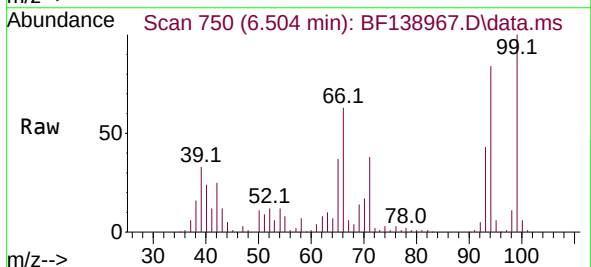
Manual Integrations
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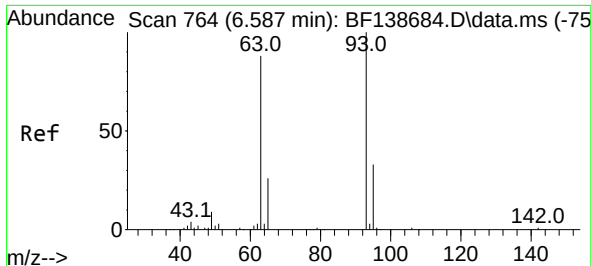
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 47.359 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion: 94 Resp: 214425
Ion Ratio Lower Upper
94 100
65 44.4 16.9 56.9
66 74.4 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.518 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

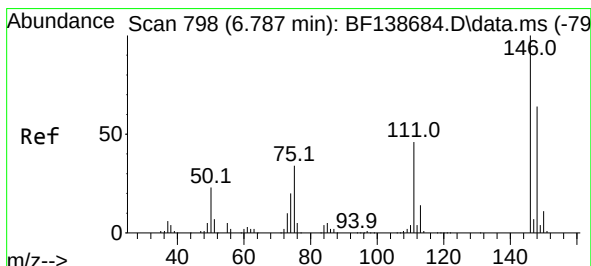
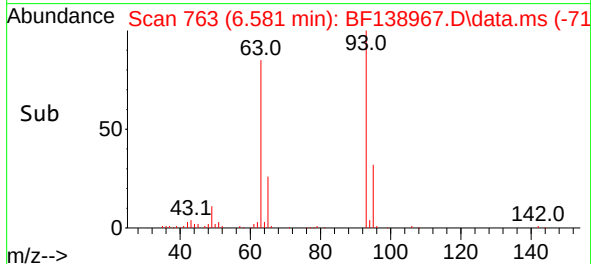
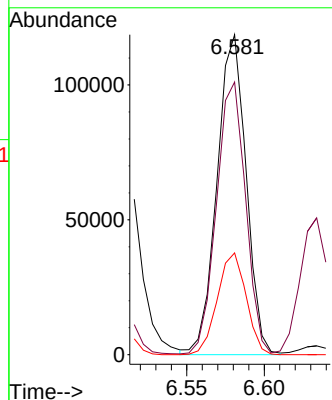
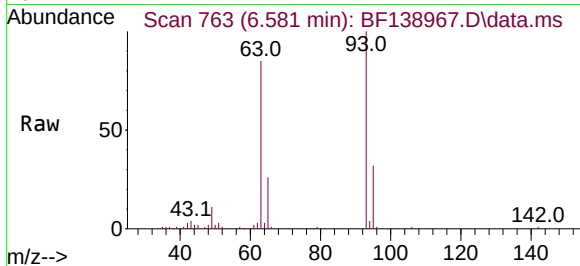
ClientSampleId :

PB162520BS

Tgt Ion: 93 Resp: 155108
Ion Ratio Lower Upper
93 100
63 85.2 65.3 105.3
95 31.8 12.4 52.4

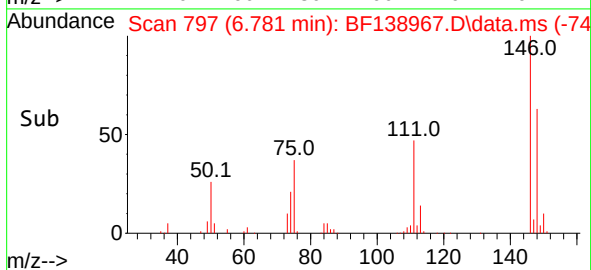
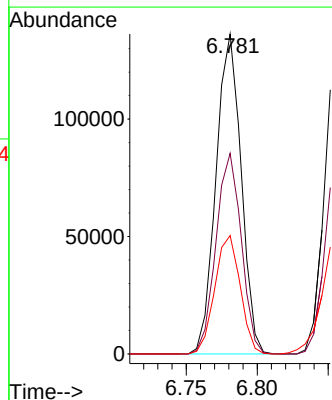
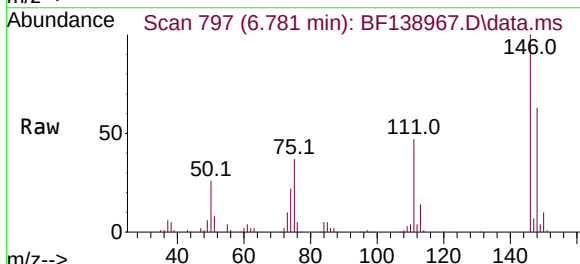
Manual Integrations
APPROVED

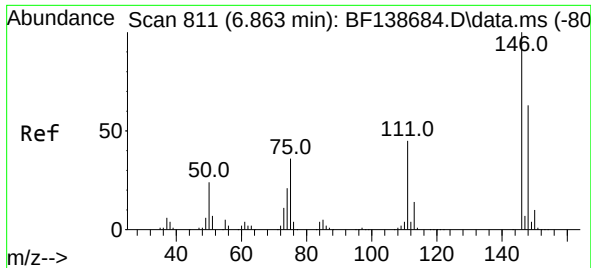
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 44.432 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:146 Resp: 167604
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
75 37.0 27.4 41.2





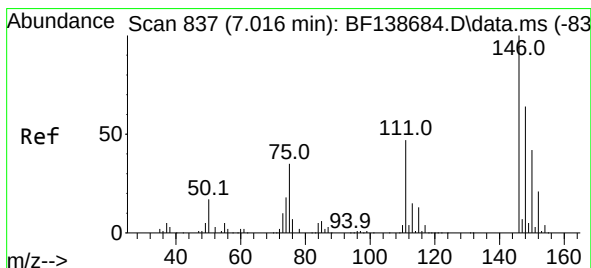
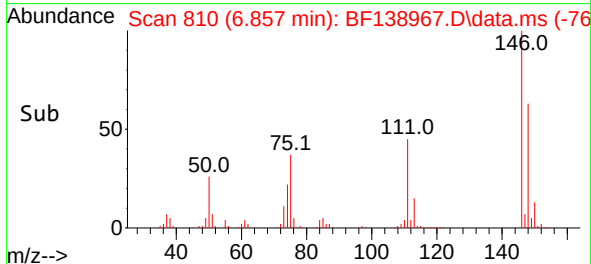
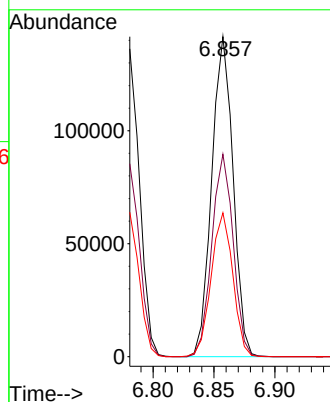
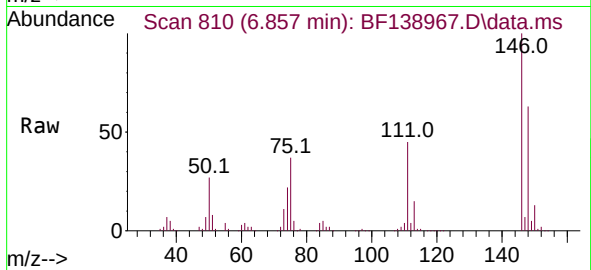
#13
1,4-Dichlorobenzene
Concen: 45.326 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162520BS

Tgt Ion:146 Resp: 172544
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 45.0 35.9 53.9

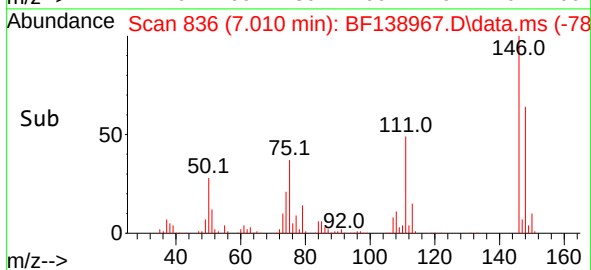
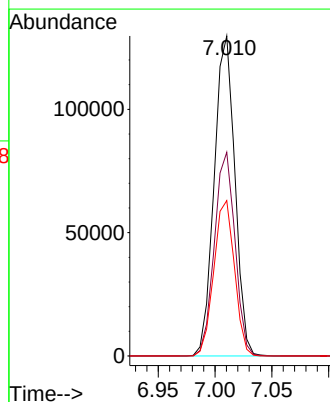
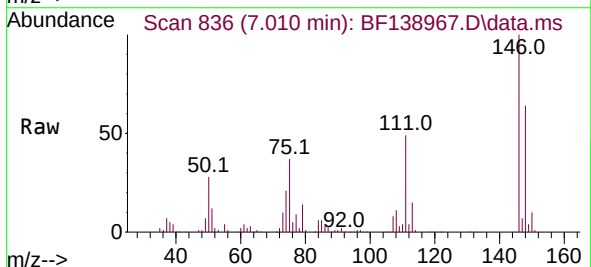
Manual Integrations
APPROVED

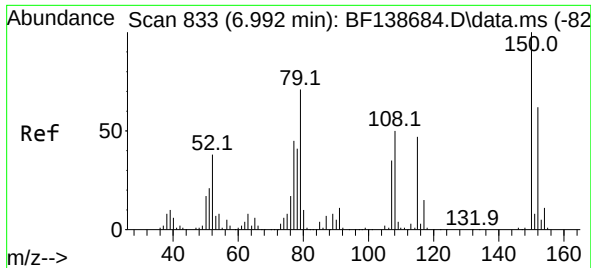
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 46.230 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:146 Resp: 164472
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 48.6 37.4 56.2





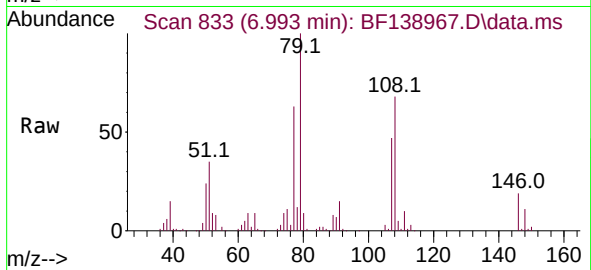
#15
Benzyl Alcohol
Concen: 51.736 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

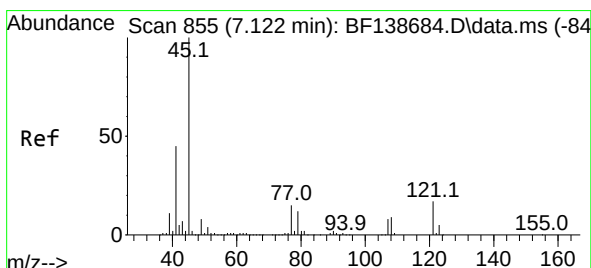
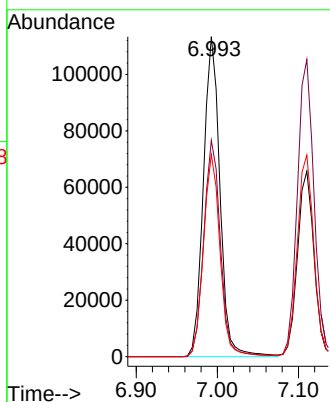
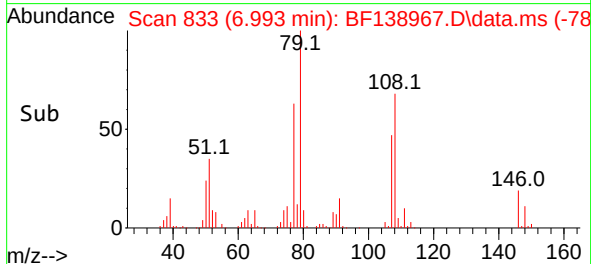


Tgt Ion: 79 Resp: 160349
Ion Ratio Lower Upper
79 100
108 67.6 56.6 85.0
77 63.2 50.3 75.5

Manual Integrations

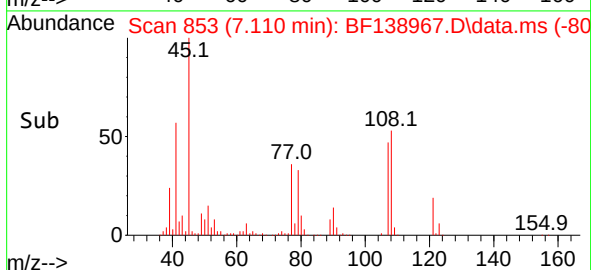
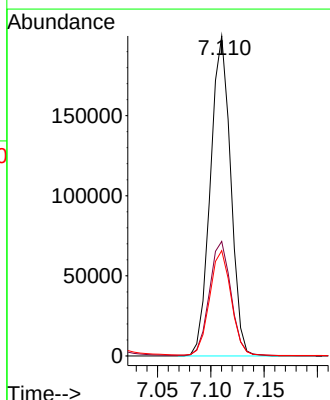
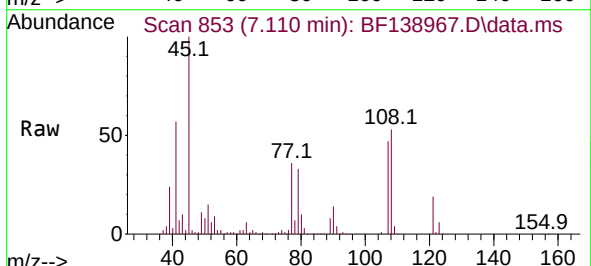
APPROVED

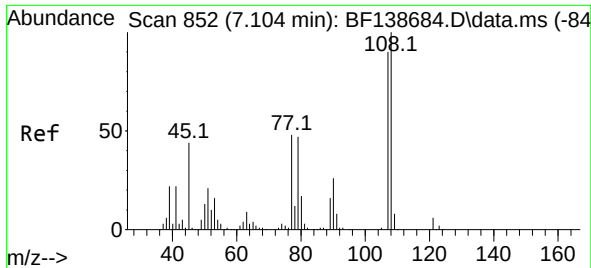
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.996 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion: 45 Resp: 263808
Ion Ratio Lower Upper
45 100
77 35.8 0.0 34.9#
79 32.9 0.0 32.2#





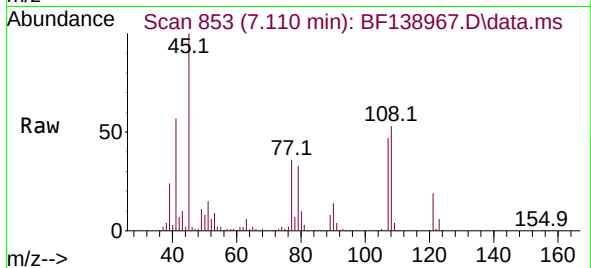
#17
2-Methylphenol
Concen: 47.717 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



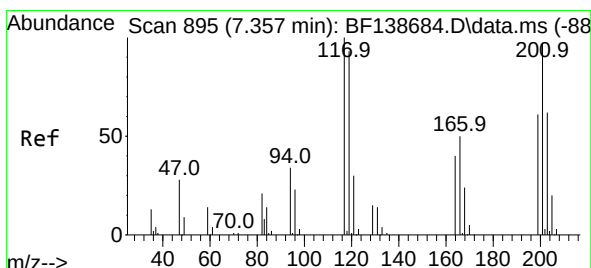
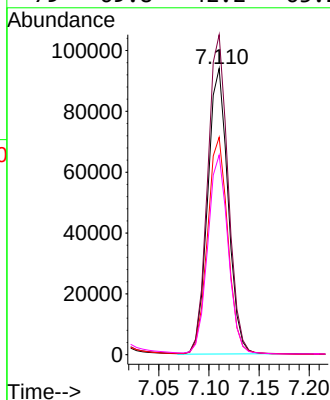
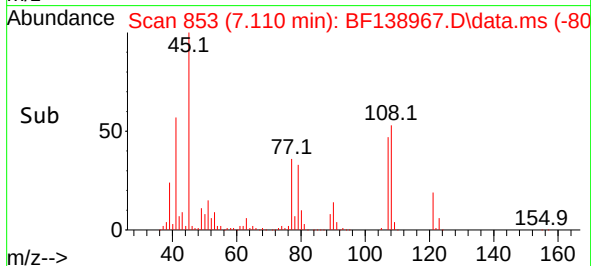
Tgt Ion:107 Resp: 132778
Ion Ratio Lower Upper
107 100
108 111.8 89.2 133.8
77 76.0 43.0 64.4
79 69.8 42.2 63.2#

Manual Integrations

APPROVED

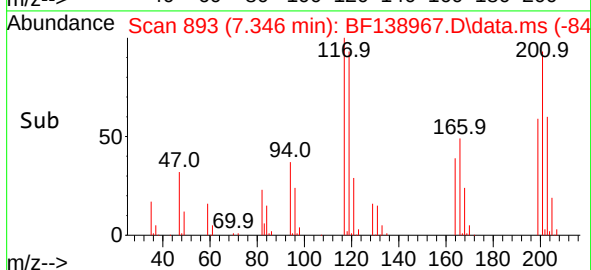
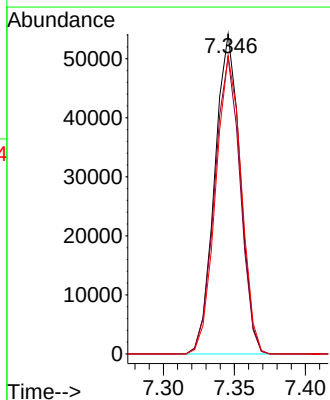
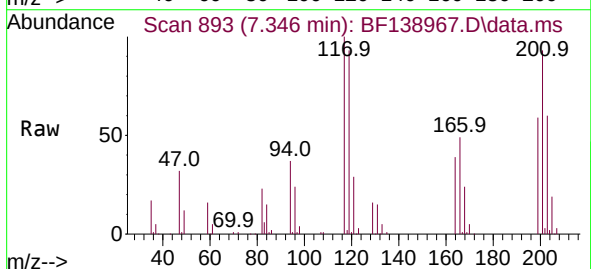
Reviewed By :Yogesh Patel 08/14/2024

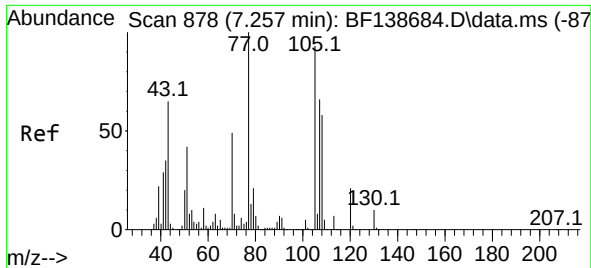
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 47.123 ng
RT: 7.346 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:117 Resp: 67525
Ion Ratio Lower Upper
117 100
119 92.7 74.6 111.8
201 93.2 77.2 115.8





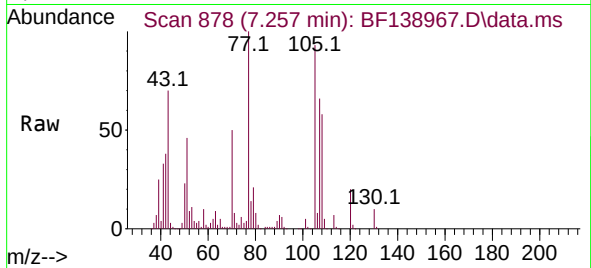
#19
n-Nitroso-di-n-propylamine
Concen: 50.164 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

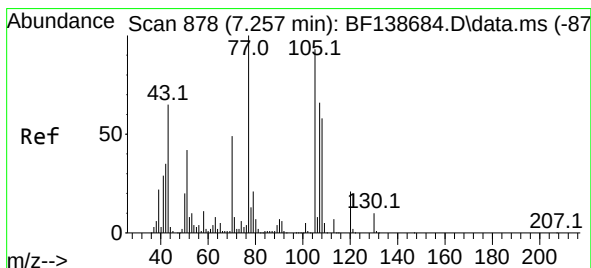
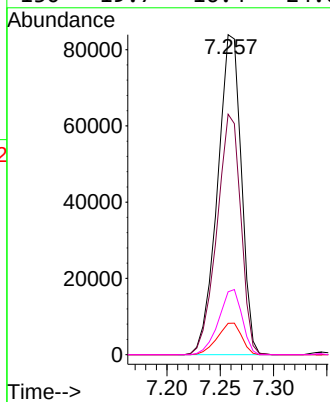
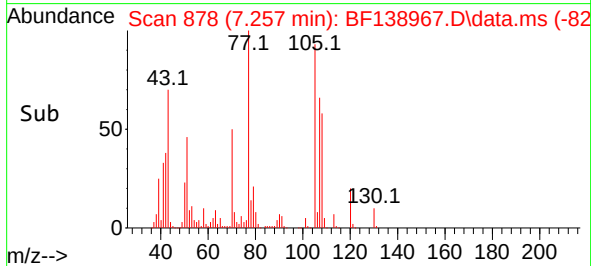


Tgt Ion: 70 Resp: 130290
Ion Ratio Lower Upper
70 100
42 75.1 57.4 86.0
101 9.8 7.5 11.3
130 19.7 16.4 24.6

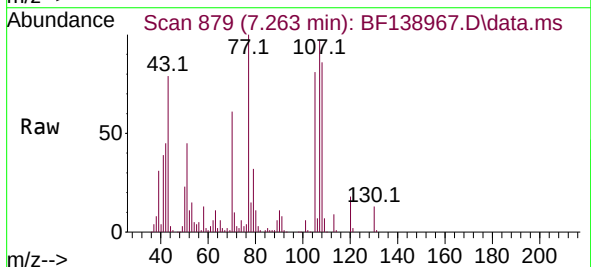
Manual Integrations

APPROVED

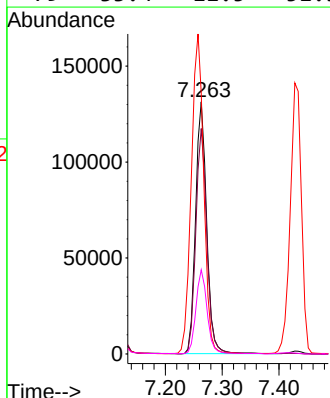
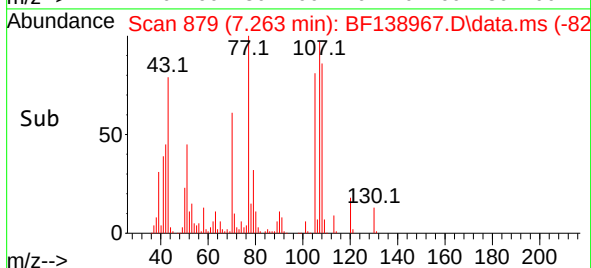
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

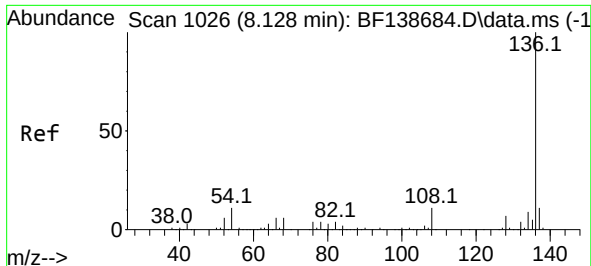


#20
3+4-Methylphenols
Concen: 49.997 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:107 Resp: 178500
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 103.4 132.1 172.1#
79 33.4 11.5 51.5





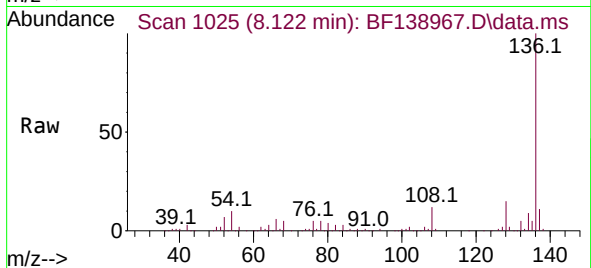
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



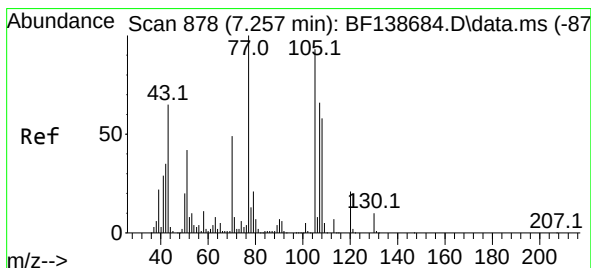
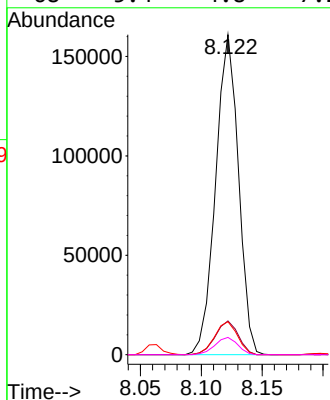
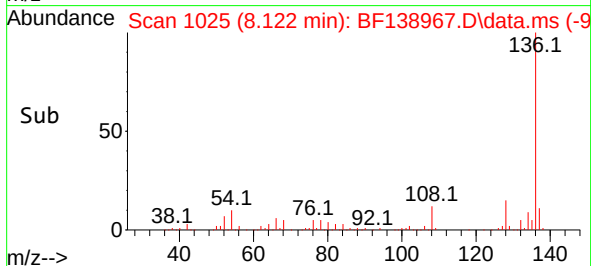
Tgt Ion:136 Resp: 209908
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.3 8.6 12.8
68 5.4 4.8 7.2

Manual Integrations

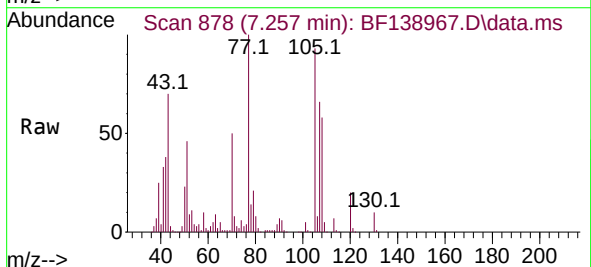
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

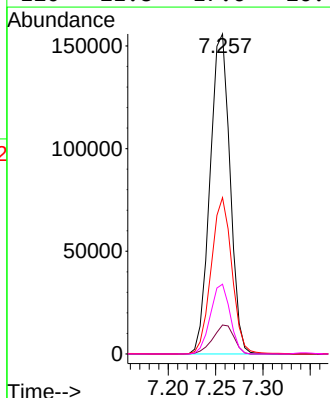
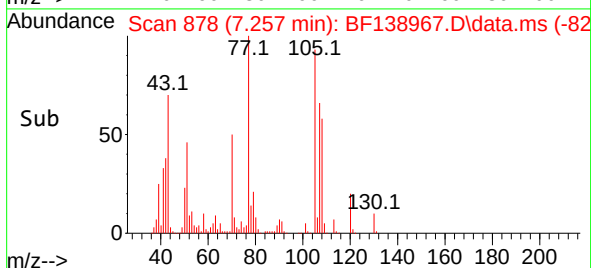
Supervised By :mohammad ahmed 08/14/2024

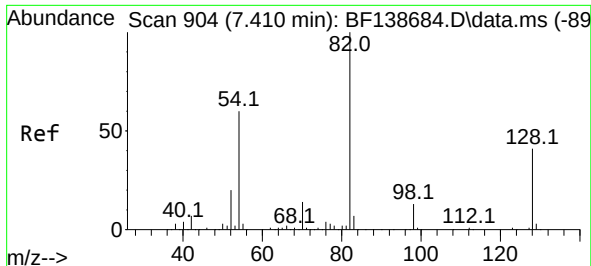


#22
Acetophenone
Concen: 44.455 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:105 Resp: 228480
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 48.8 35.9 53.9
120 21.8 17.6 26.4





#23
Nitrobenzene-d5
Concen: 87.150 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

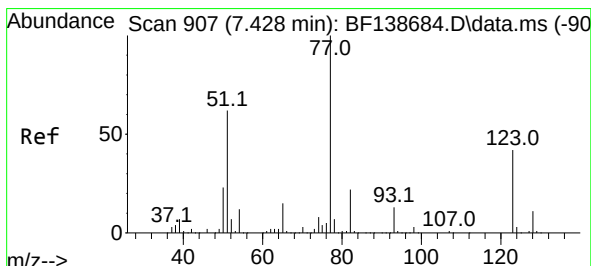
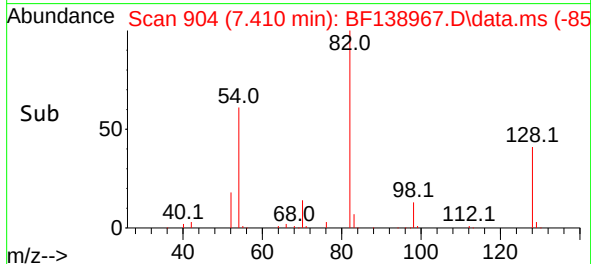
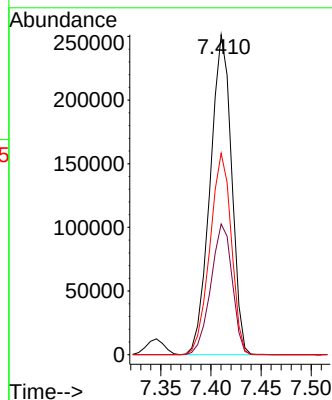
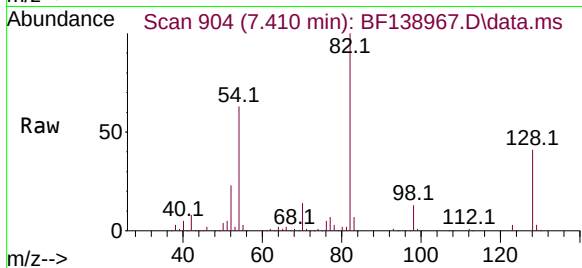
PB162520BS

Tgt Ion: 82 Resp: 374160
Ion Ratio Lower Upper
82 100
128 40.9 32.8 49.2
54 62.9 48.3 72.5

Manual Integrations

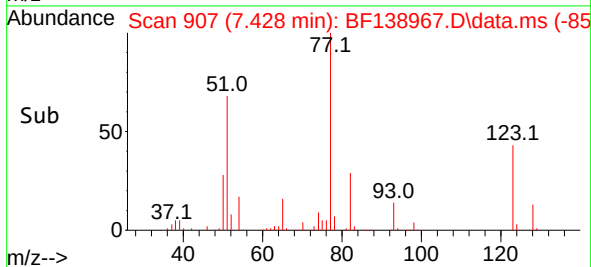
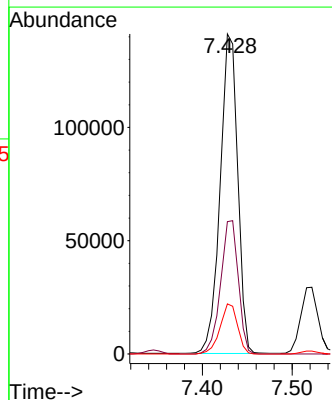
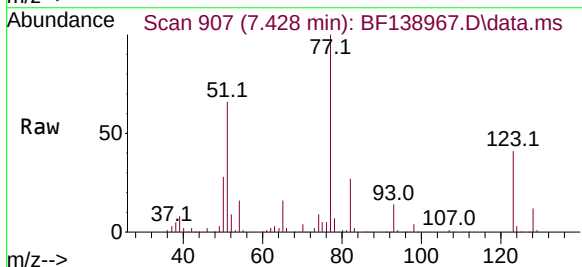
APPROVED

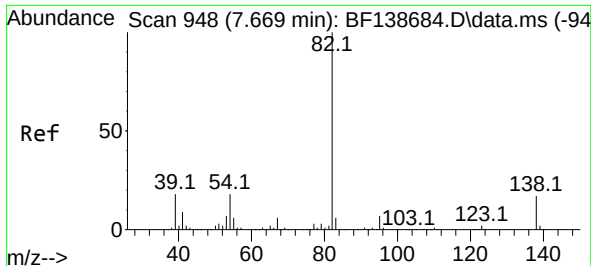
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#24
Nitrobenzene
Concen: 43.999 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

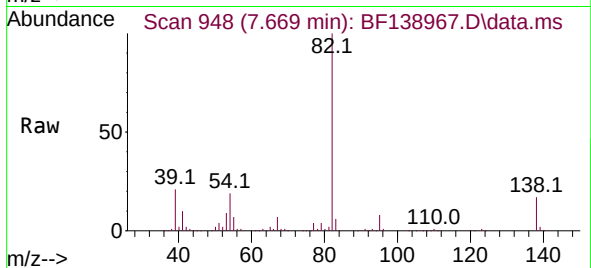
Tgt Ion: 77 Resp: 192222
Ion Ratio Lower Upper
77 100
123 41.4 33.3 49.9
65 15.6 11.9 17.9





#25
Isophorone
Concen: 46.712 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

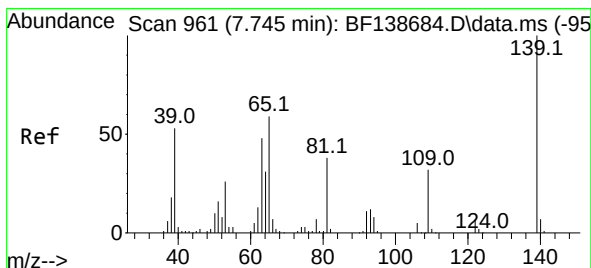
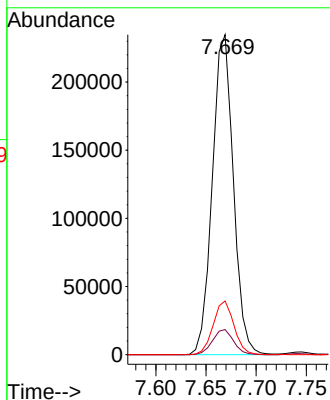
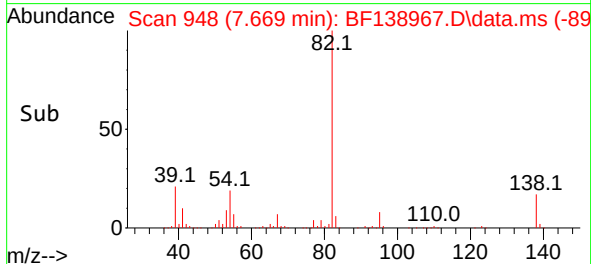
Instrument :
BNA_F
ClientSampleId :
PB162520BS



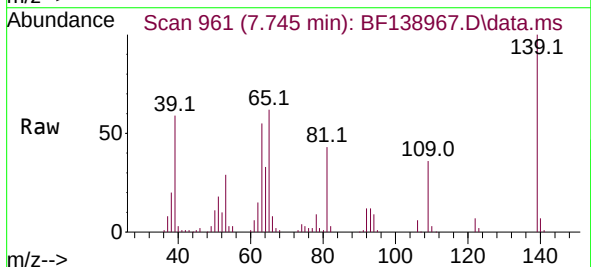
Tgt Ion: 82 Resp: 342449
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 16.8 13.7 20.5

Manual Integrations
APPROVED

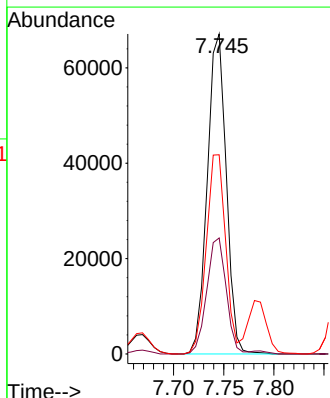
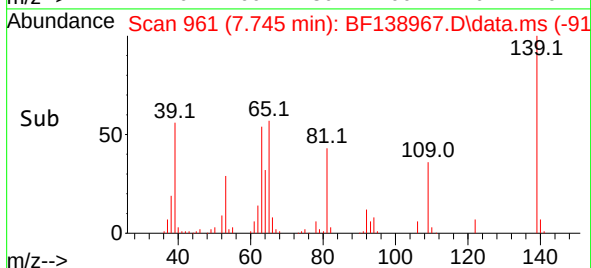
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

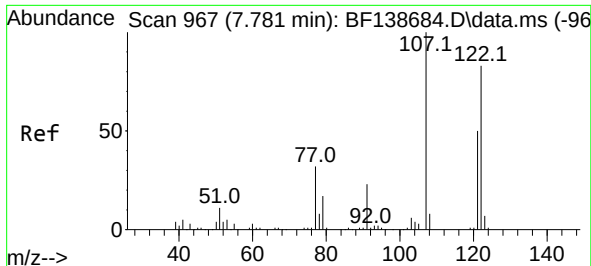


#26
2-Nitrophenol
Concen: 47.094 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:139 Resp: 88518
Ion Ratio Lower Upper
139 100
109 36.3 25.9 38.9
65 62.3 47.0 70.6





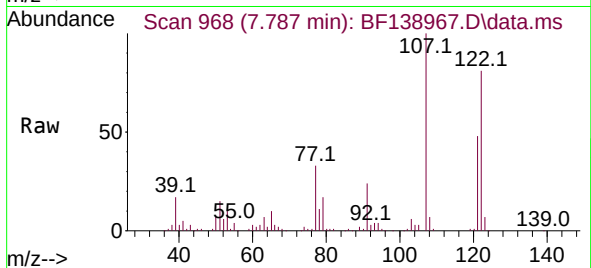
#27
2,4-Dimethylphenol
Concen: 50.244 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

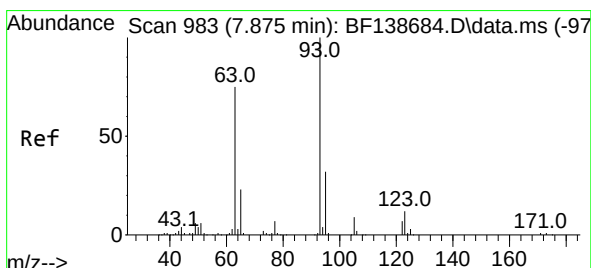
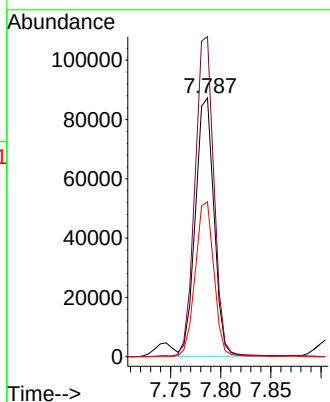
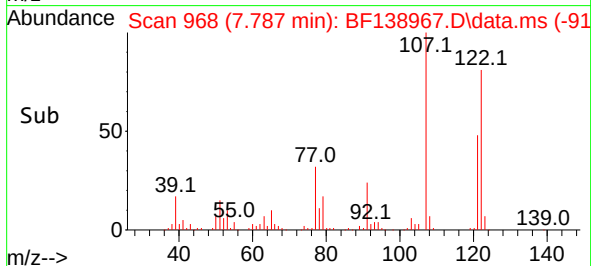


Tgt Ion:122 Resp: 11299
Ion Ratio Lower Upper
122 100
107 123.6 95.0 142.6
121 59.8 47.3 70.9

Manual Integrations

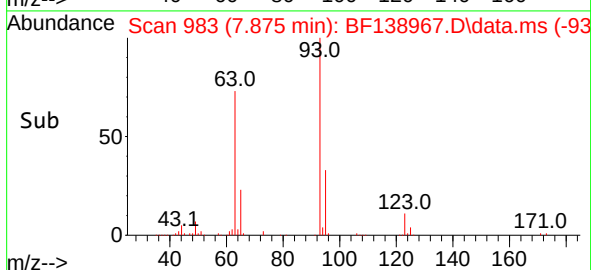
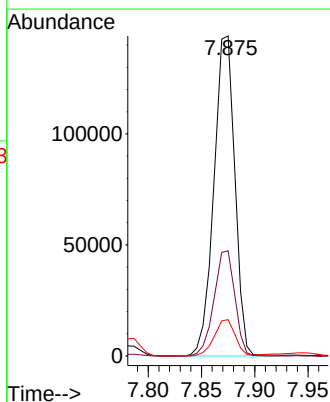
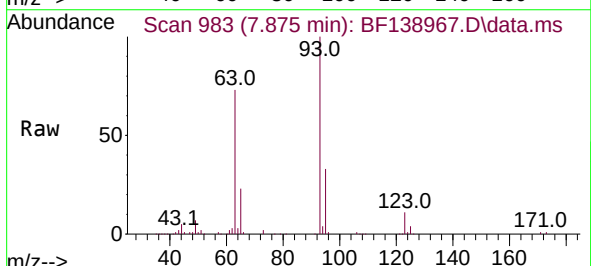
APPROVED

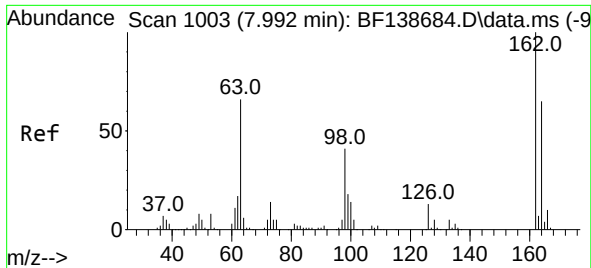
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.106 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion: 93 Resp: 196906
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.751 ng

RT: 7.993 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138967.D

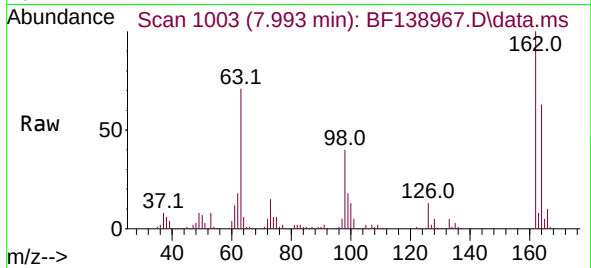
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



Tgt Ion:162 Resp: 140879

Ion Ratio Lower Upper

162 100

164 63.2 44.7 84.7

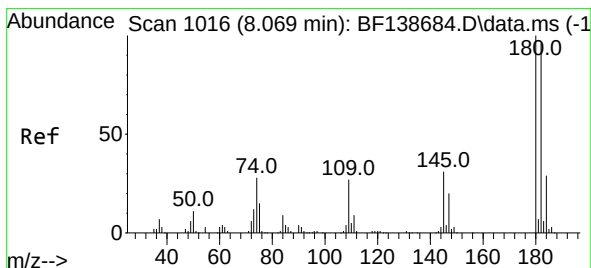
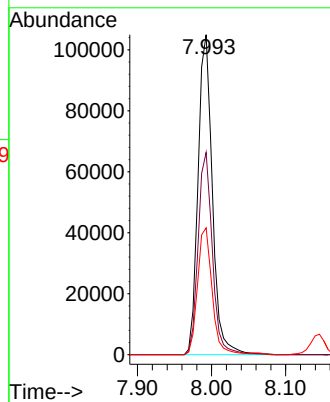
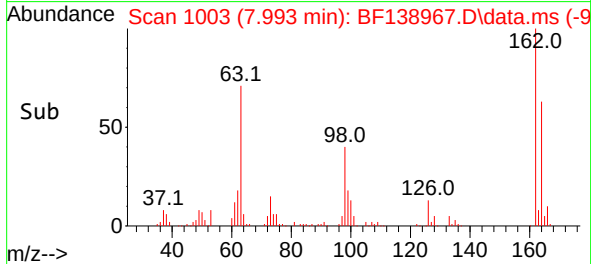
98 39.7 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.172 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

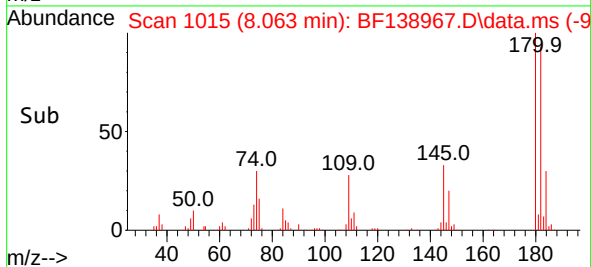
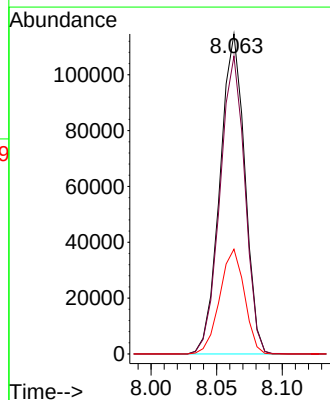
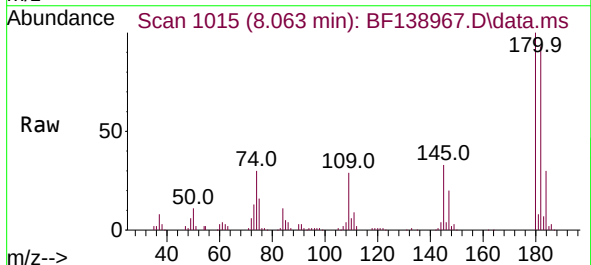
Tgt Ion:180 Resp: 150643

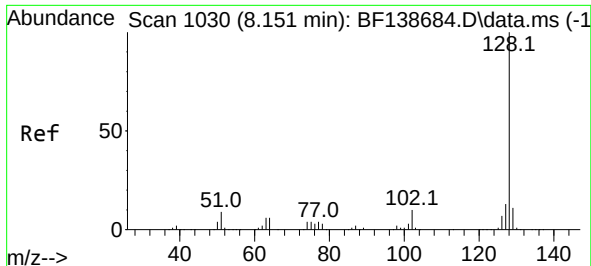
Ion Ratio Lower Upper

180 100

182 93.0 76.9 115.3

145 32.7 25.0 37.4





#31
Naphthalene
Concen: 44.913 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

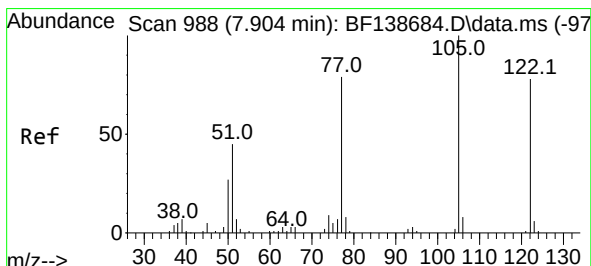
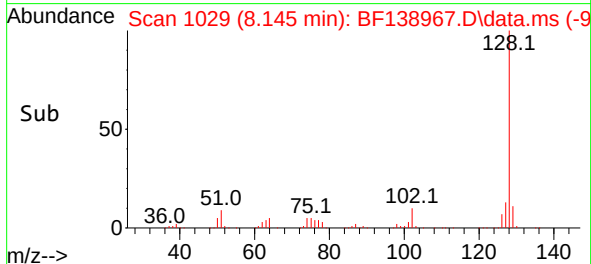
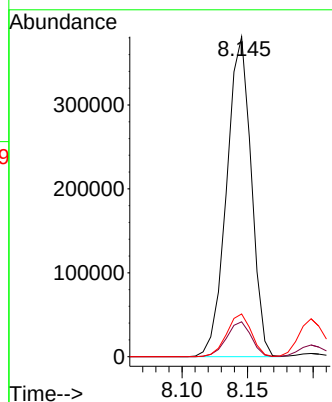
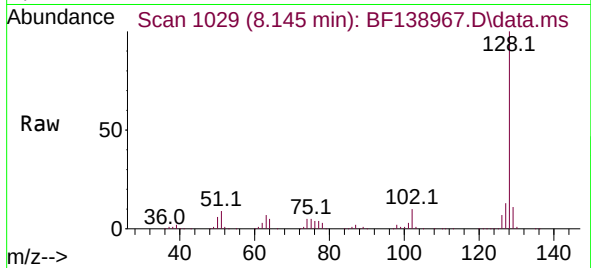
PB162520BS

Tgt Ion:128 Resp: 496239
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 16.0

Manual Integrations

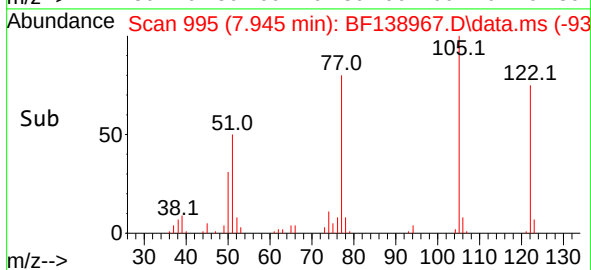
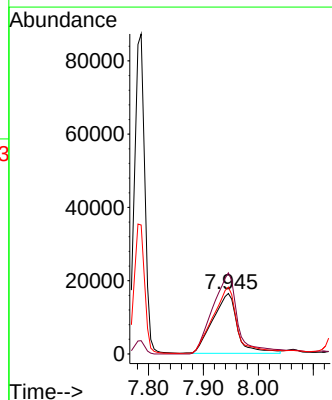
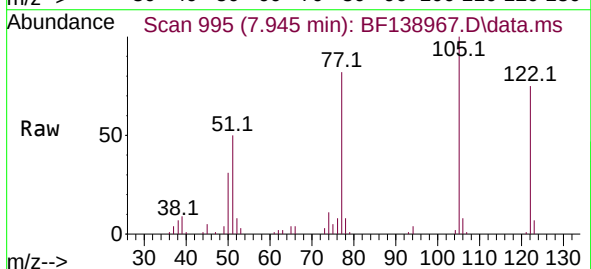
APPROVED

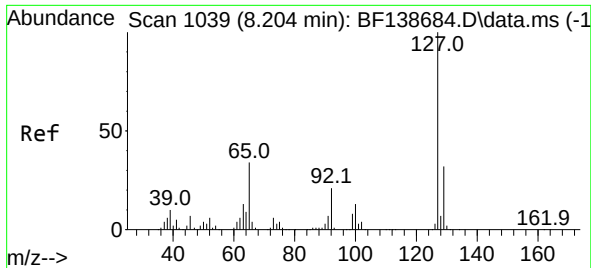
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 28.854 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:122 Resp: 51007
Ion Ratio Lower Upper
122 100
105 134.2 106.7 146.7
77 110.7 81.1 121.1





#33
4-Chloroaniline
Concen: 20.984 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

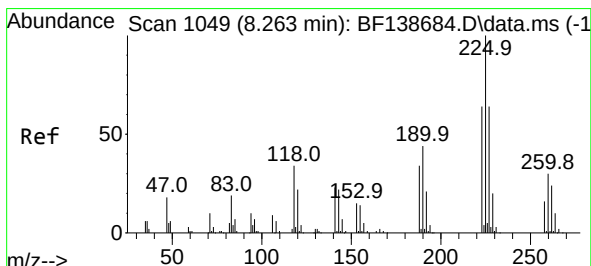
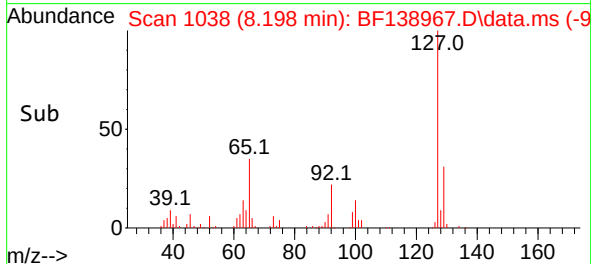
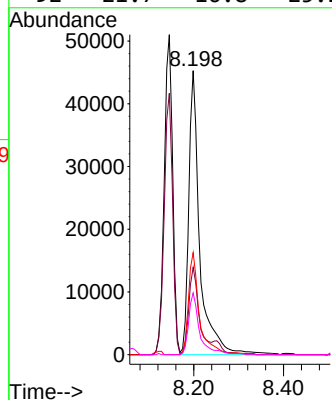
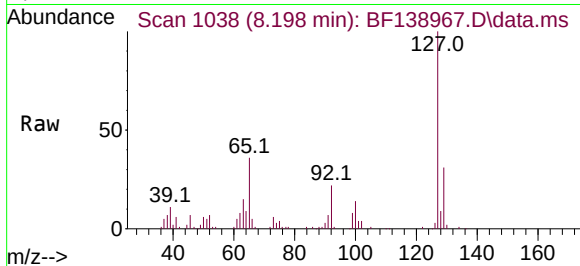
ClientSampleId :

PB162520BS

Tgt Ion:127 Resp: 77820
Ion Ratio Lower Upper
127 100
129 30.8 25.9 38.9
65 36.0 27.6 41.4
92 21.7 16.8 25.2

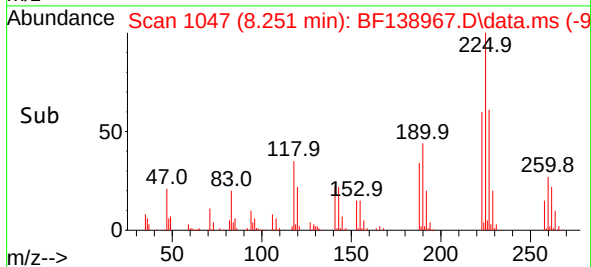
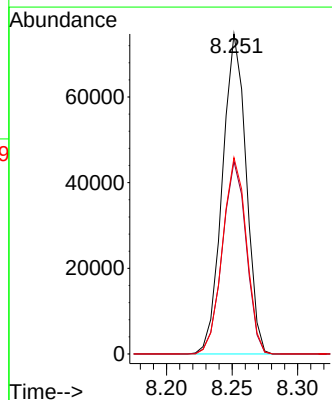
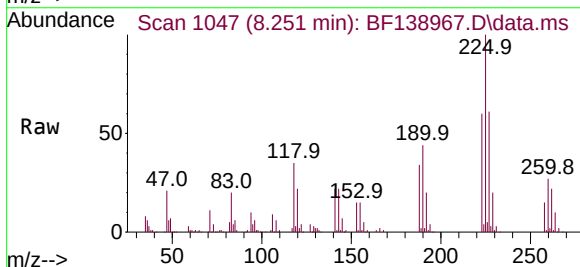
Manual Integrations
APPROVED

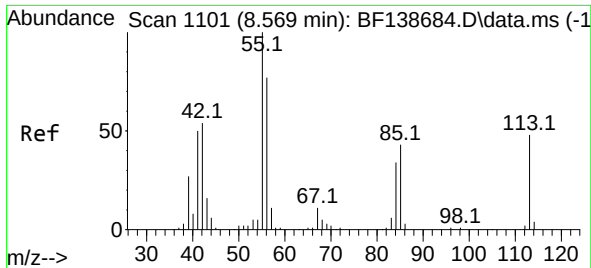
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 46.546 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

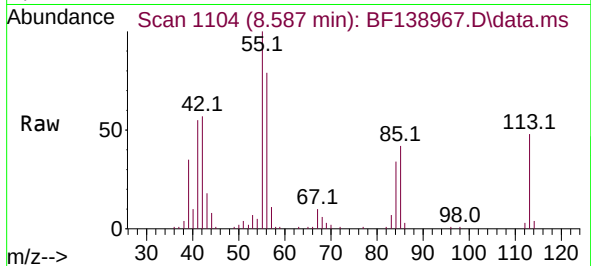
Tgt Ion:225 Resp: 94019
Ion Ratio Lower Upper
225 100
223 60.1 51.2 76.8
227 61.3 51.1 76.7





#35
Caprolactam
Concen: 45.723 ng m
RT: 8.587 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

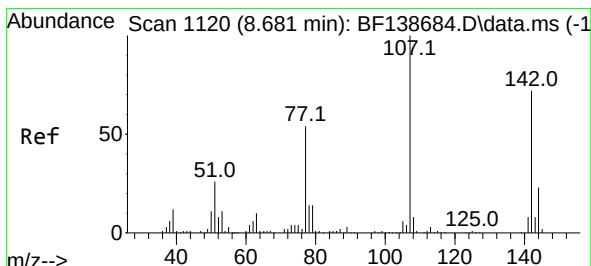
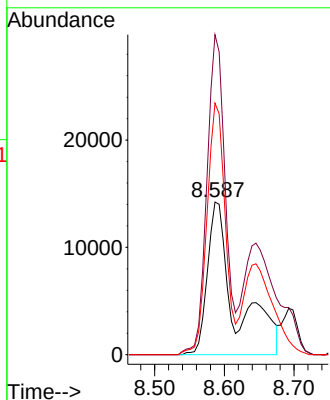
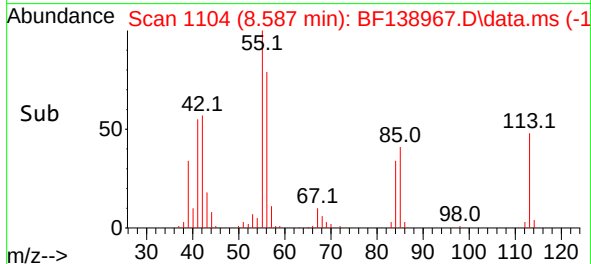
Instrument :
BNA_F
ClientSampleId :
PB162520BS



Tgt Ion:113 Resp: 39420
Ion Ratio Lower Upper
113 100
55 209.7 186.7 226.7
56 164.8 138.9 178.9

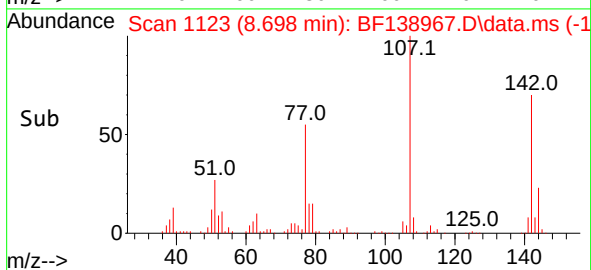
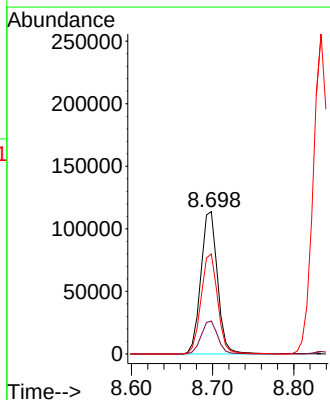
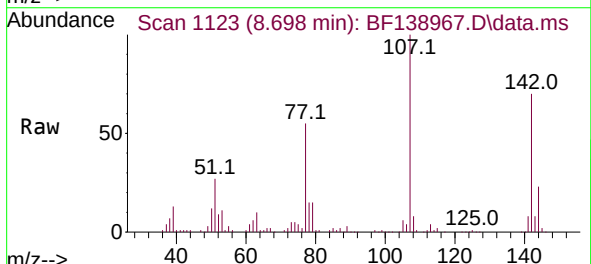
Manual Integrations
APPROVED

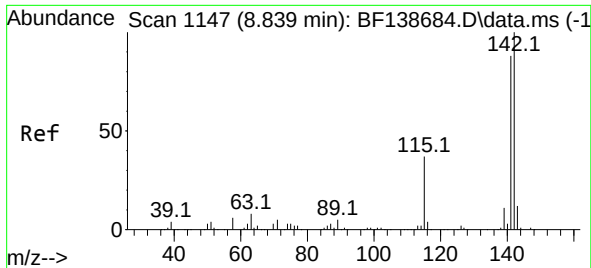
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 49.153 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:107 Resp: 162332
Ion Ratio Lower Upper
107 100
144 23.2 18.2 27.2
142 70.2 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.851 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

Tgt Ion:142 Resp: 32692

Ion Ratio Lower Upper

142 100

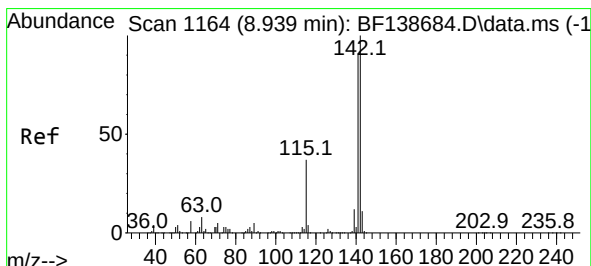
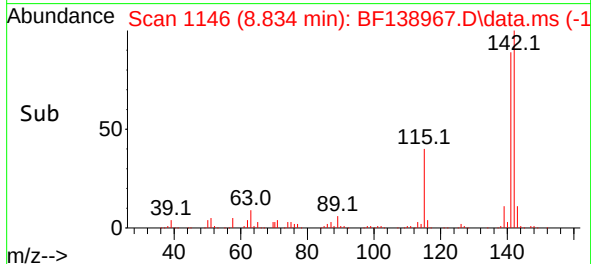
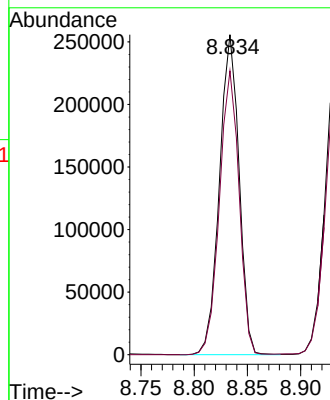
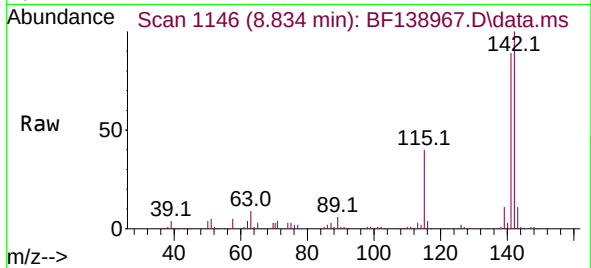
141 88.7 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#38

1-Methylnaphthalene

Concen: 44.090 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138967.D

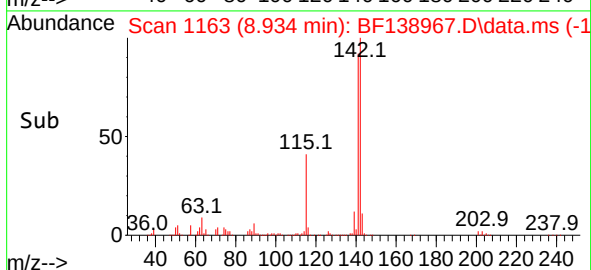
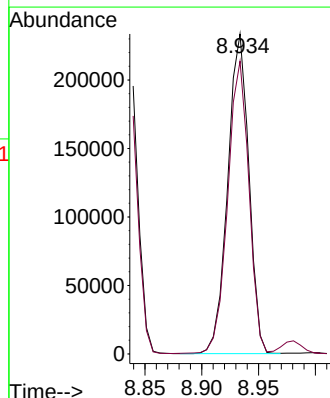
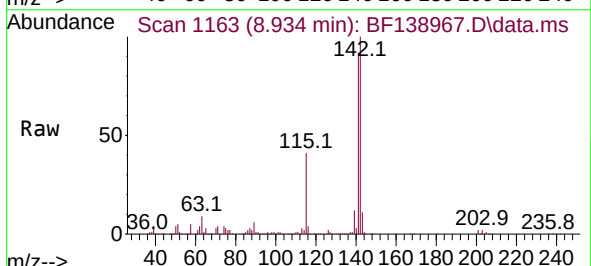
Acq: 13 Aug 2024 11:08

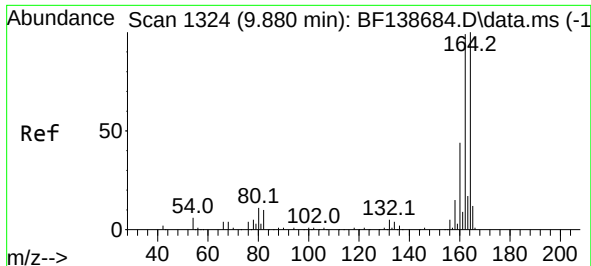
Tgt Ion:142 Resp: 301477

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7





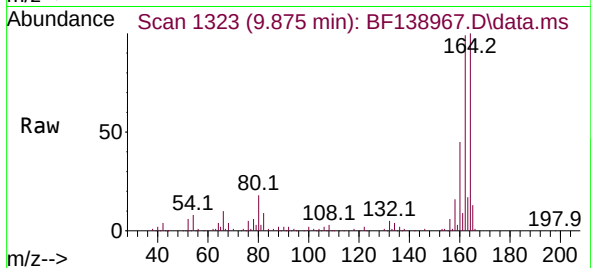
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



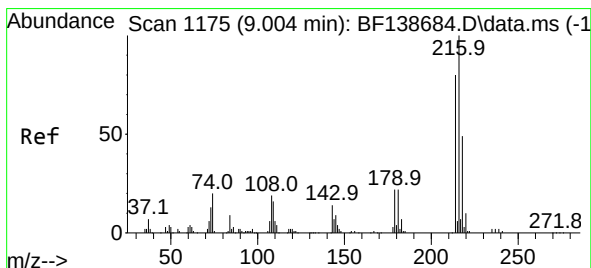
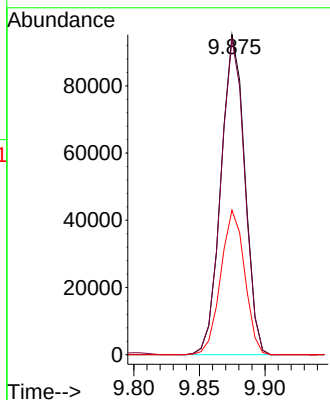
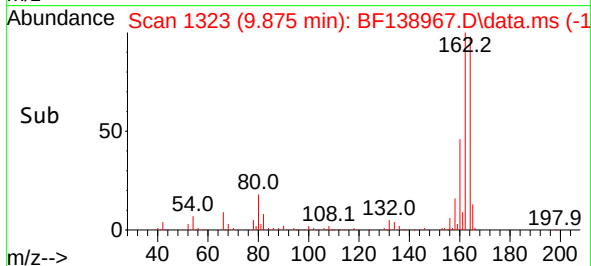
Tgt Ion:164 Resp: 120228
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 45.2 35.1 52.7

Manual Integrations

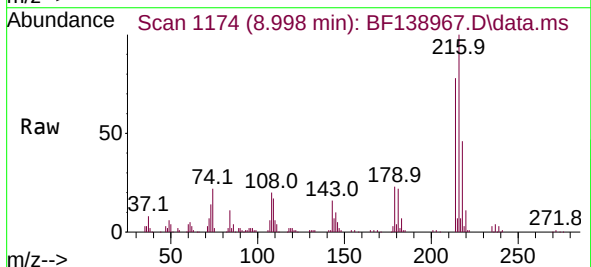
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

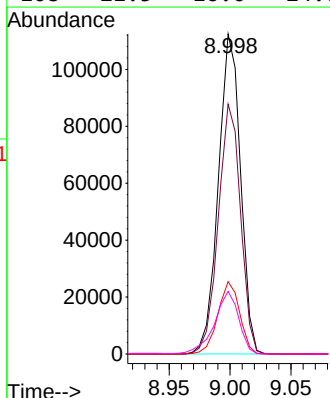
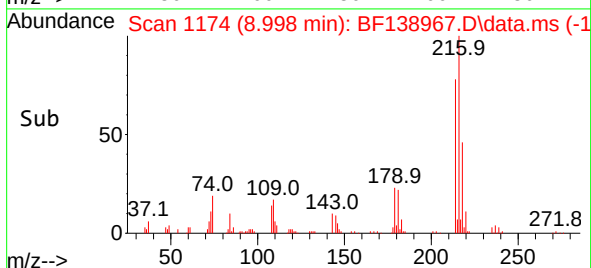
Supervised By :mohammad ahmed 08/14/2024

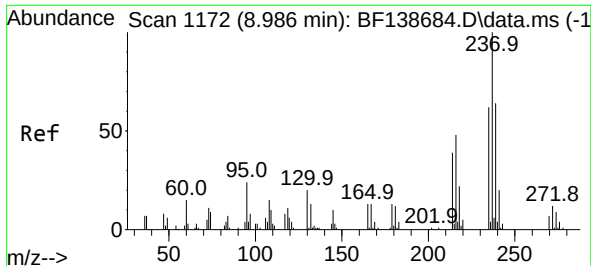


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.572 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



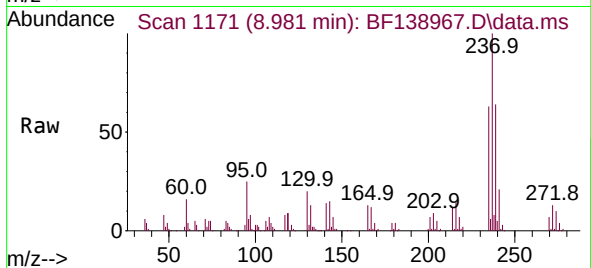
Tgt Ion:216 Resp: 142180
Ion Ratio Lower Upper
216 100
214 78.3 63.9 95.9
179 22.3 17.8 26.6
108 21.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 94.533 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

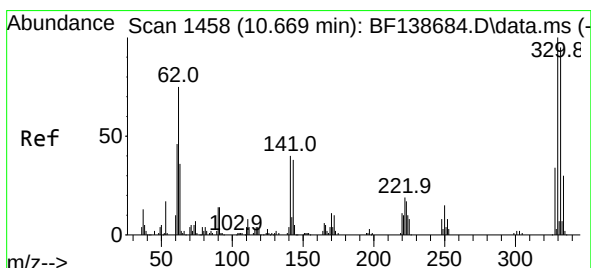
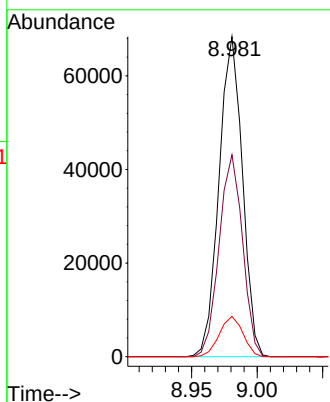
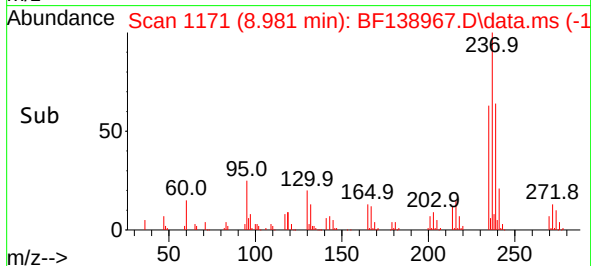
Instrument :
BNA_F
ClientSampleId :
PB162520BS



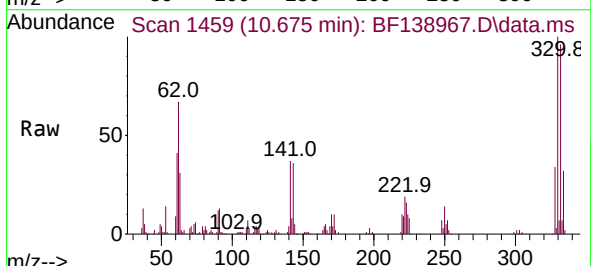
Tgt Ion: 237 Resp: 84792
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.6 0.0 32.2

Manual Integrations
APPROVED

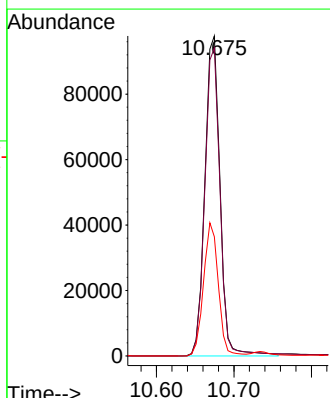
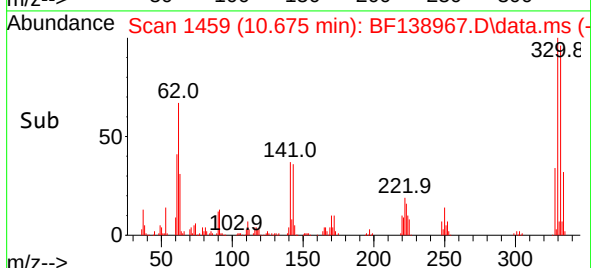
Reviewed By : Yogesh Patel 08/14/2024
Supervised By : mohammad ahmed 08/14/2024

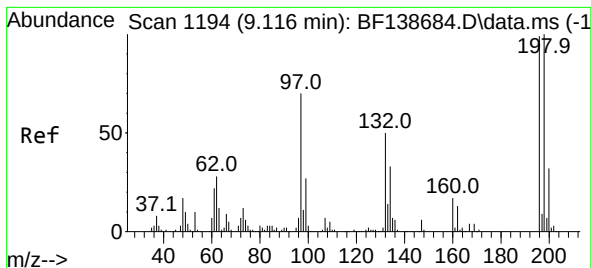


#42
2,4,6-Tribromophenol
Concen: 135.265 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion: 330 Resp: 133213
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 40.6 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 43.746 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

Tgt Ion:196 Resp: 8908

Ion Ratio Lower Upper

196 100

198 103.5 80.5 120.7

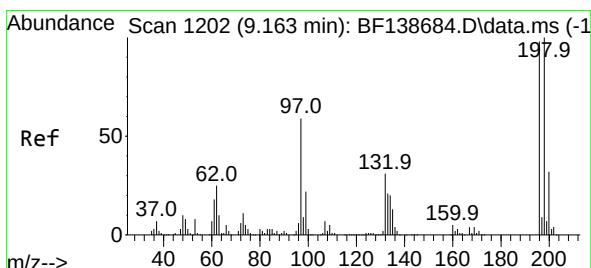
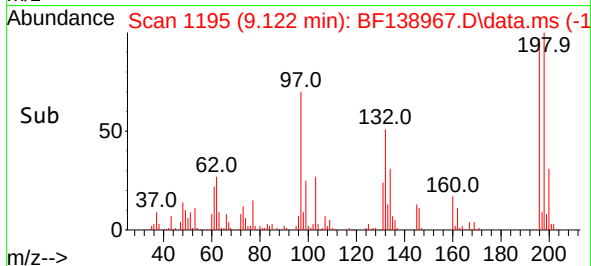
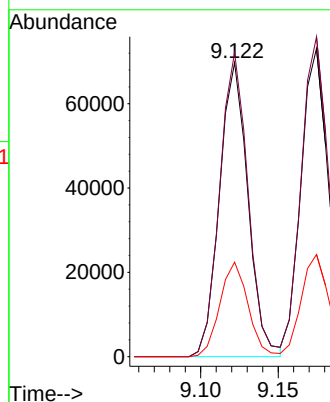
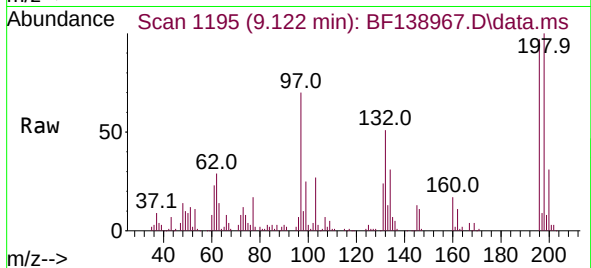
200 32.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#44

2,4,5-Trichlorophenol

Concen: 42.536 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Tgt Ion:196 Resp: 94690

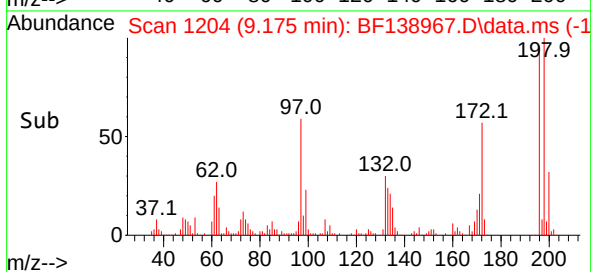
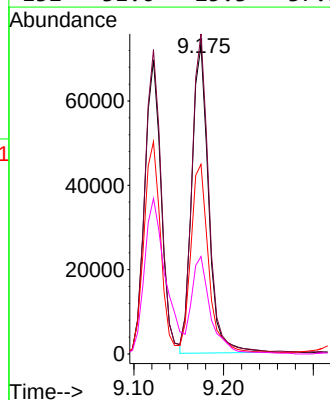
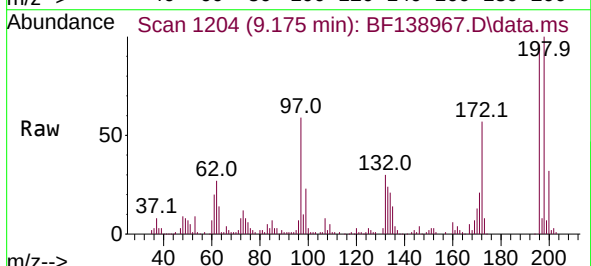
Ion Ratio Lower Upper

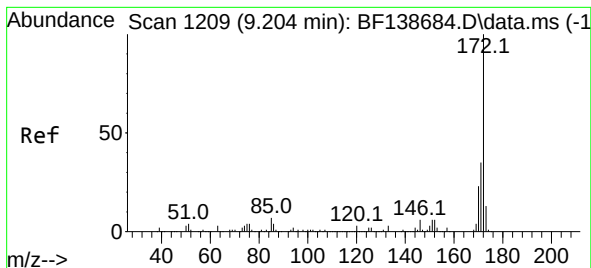
196 100

198 103.8 81.2 121.8

97 61.5 47.8 71.6

132 31.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.858 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138967.D

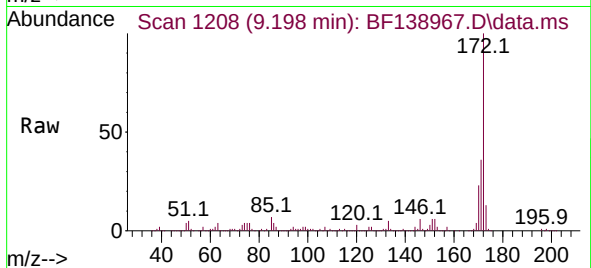
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



Tgt Ion:172 Resp: 695030

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

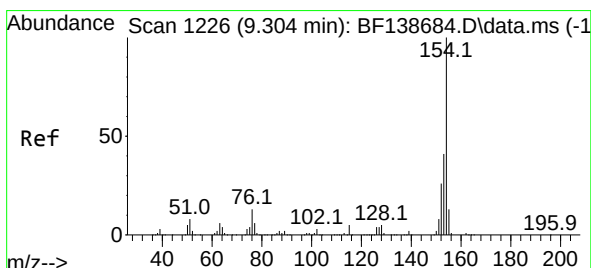
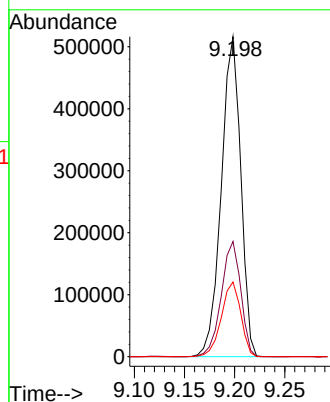
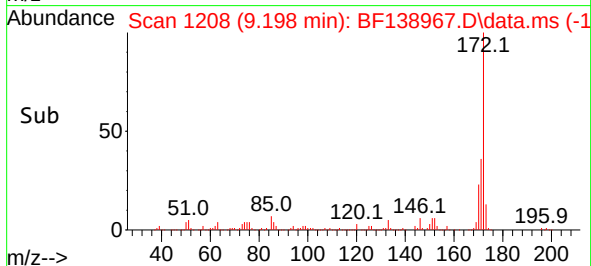
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#46

1,1'-Biphenyl

Concen: 41.093 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

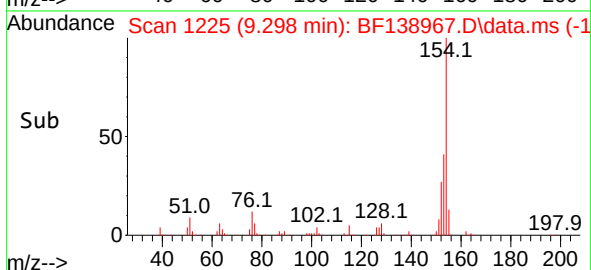
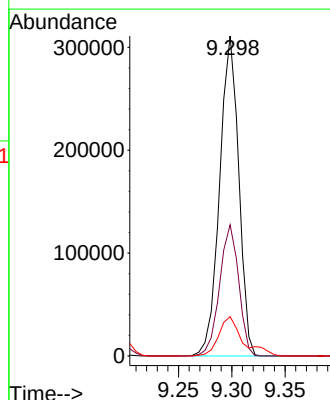
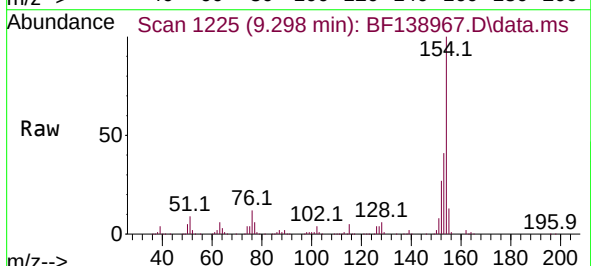
Tgt Ion:154 Resp: 386938

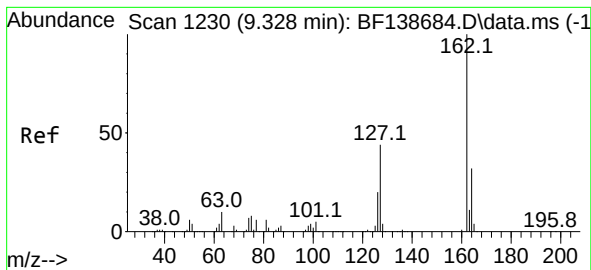
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.503 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

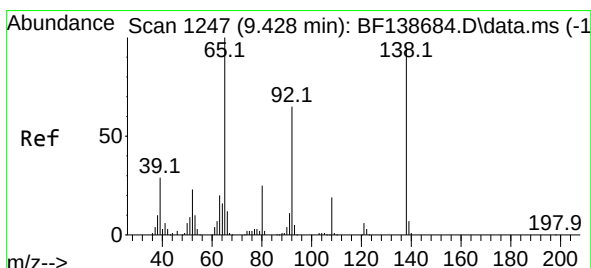
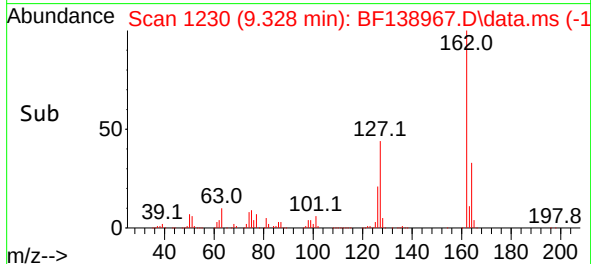
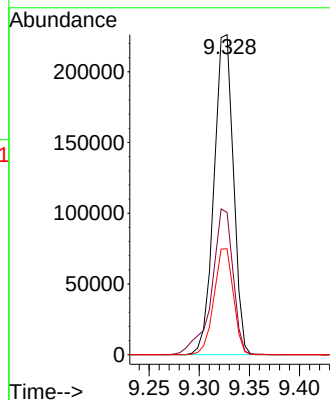
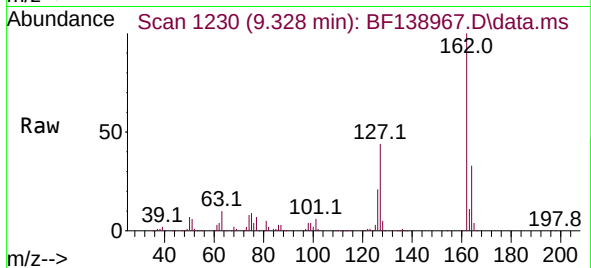
Tgt Ion:162 Resp: 30465
 Ion Ratio Lower Upper
 162 100
 127 44.4 35.4 53.2
 164 33.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#48

2-Nitroaniline

Concen: 48.095 ng

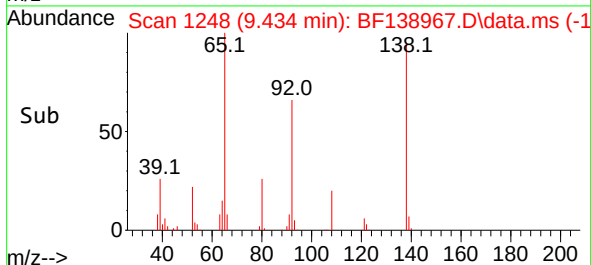
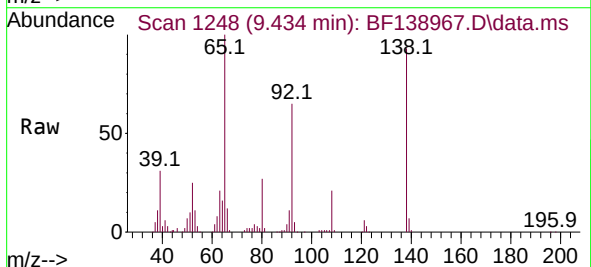
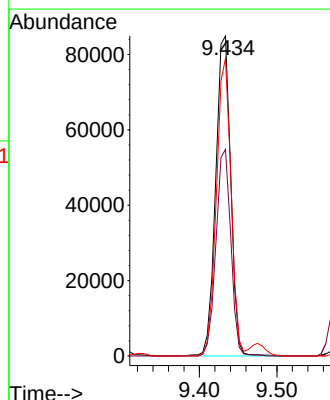
RT: 9.434 min Scan# 1248

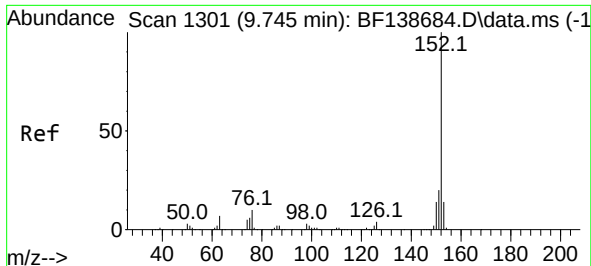
Delta R.T. 0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Tgt Ion: 65 Resp: 114184
 Ion Ratio Lower Upper
 65 100
 92 64.6 52.0 78.0
 138 93.0 76.2 114.4





#49
Acenaphthylene
Concen: 48.886 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

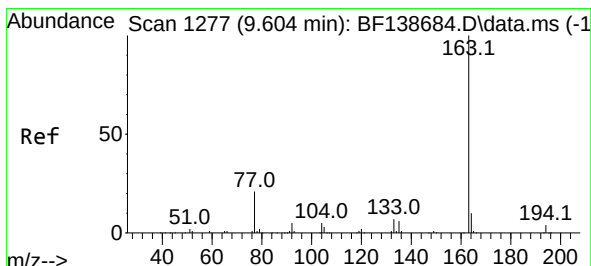
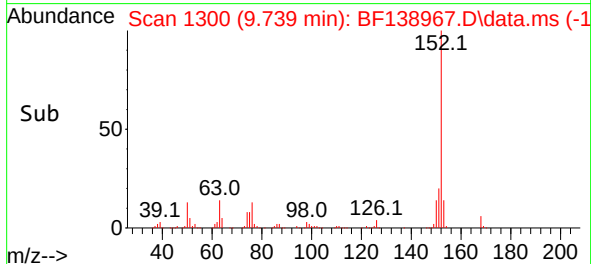
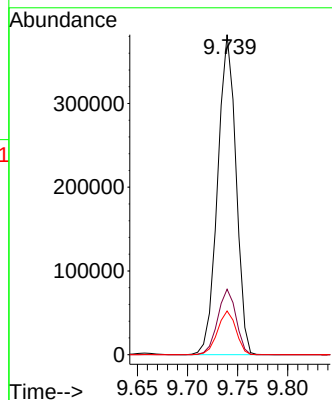
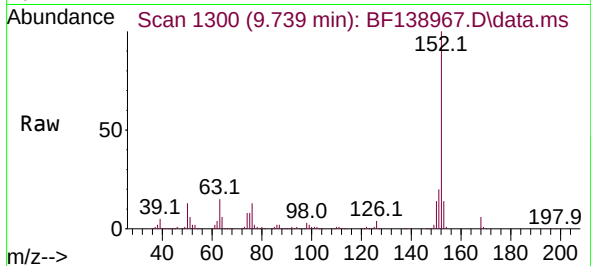
ClientSampleId :

PB162520BS

Tgt Ion:152 Resp: 485550
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.6 11.0 16.4

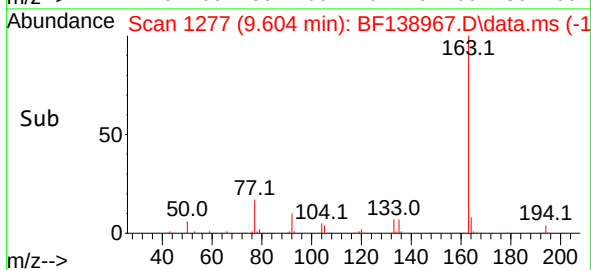
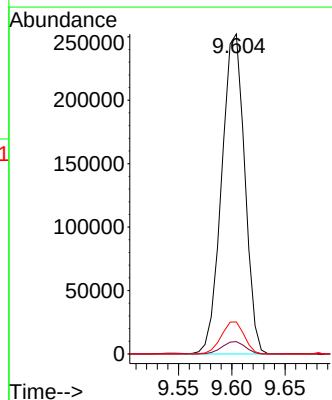
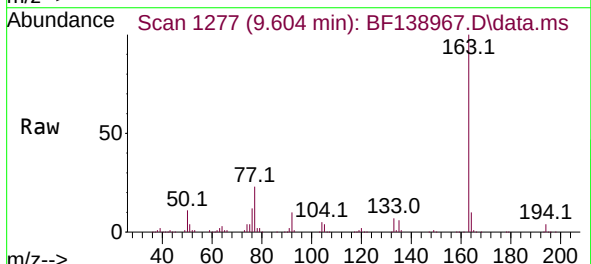
Manual Integrations
APPROVED

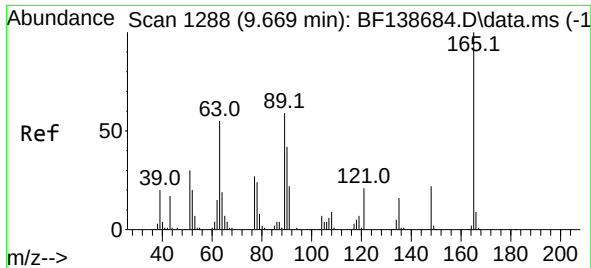
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#50
Dimethylphthalate
Concen: 49.384 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:163 Resp: 379639
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.823 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

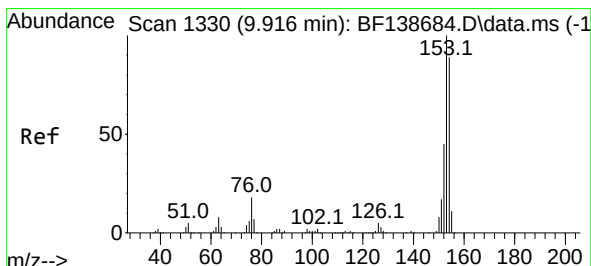
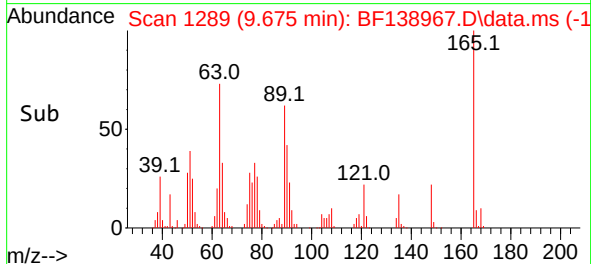
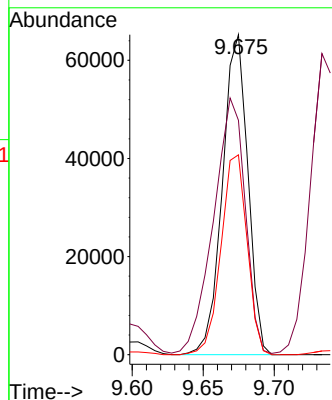
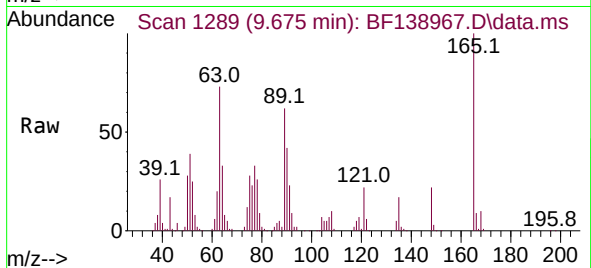
PB162520BS

Tgt Ion:165 Resp: 81235
Ion Ratio Lower Upper
165 100
63 73.2 52.0 78.0
89 62.5 47.0 70.6

Manual Integrations

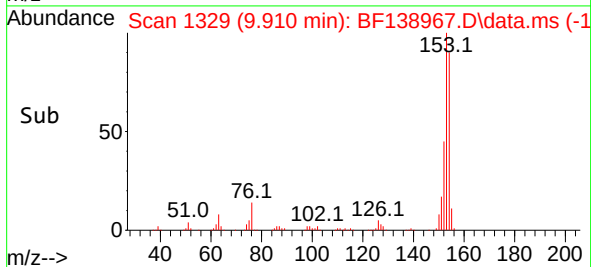
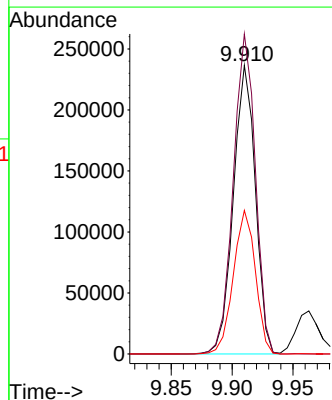
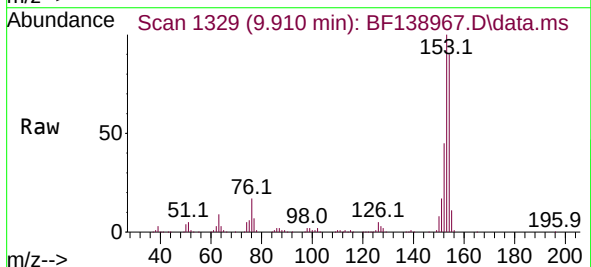
APPROVED

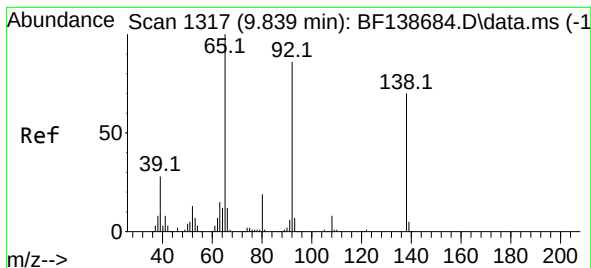
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 44.609 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:154 Resp: 297840
Ion Ratio Lower Upper
154 100
153 110.9 89.9 134.9
152 49.7 40.6 60.8





#53
3-Nitroaniline
Concen: 31.047 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

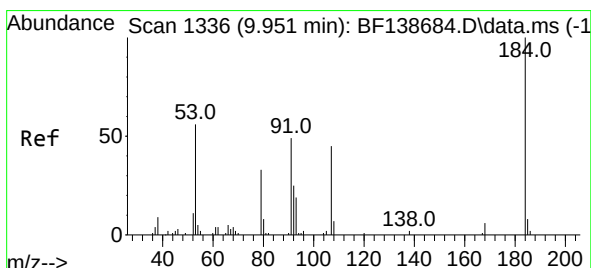
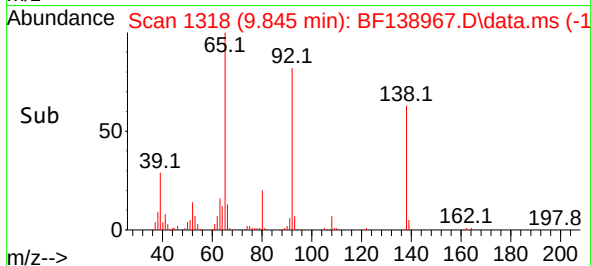
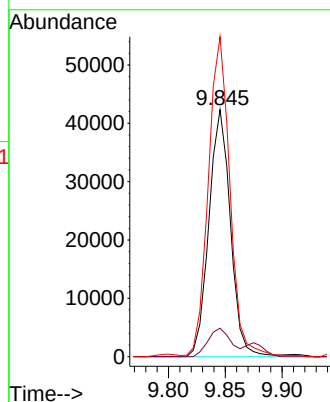
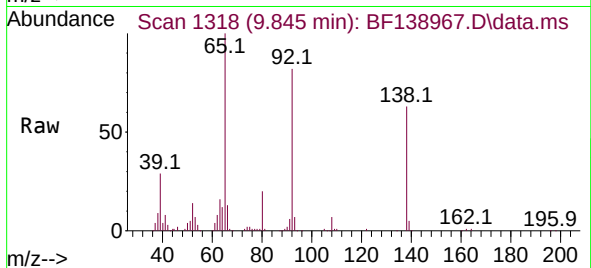
PB162520BS

Tgt Ion:138 Resp: 55684
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 129.5 98.7 148.1

Manual Integrations

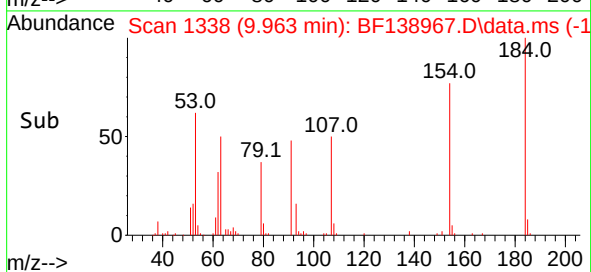
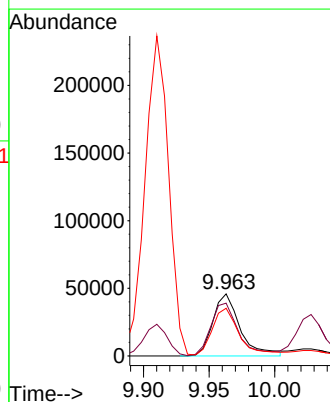
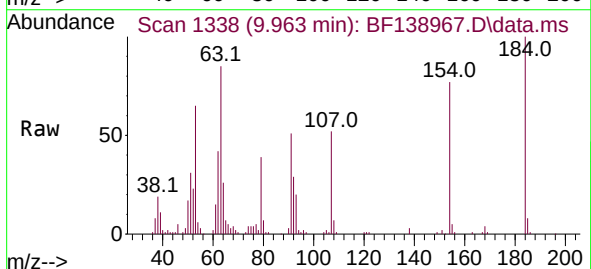
APPROVED

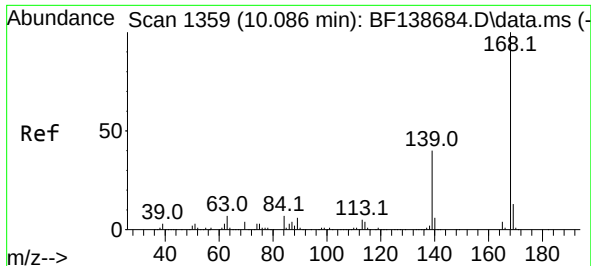
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 83.055 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:184 Resp: 66332
Ion Ratio Lower Upper
184 100
63 85.1 57.5 86.3
154 76.8 51.7 77.5





#55
Dibenzenofuran
Concen: 47.471 ng
RT: 10.081 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

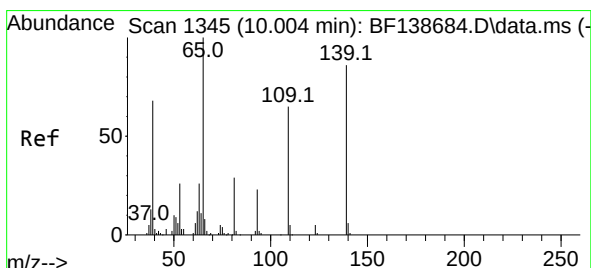
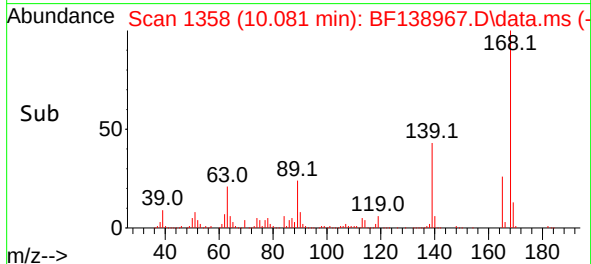
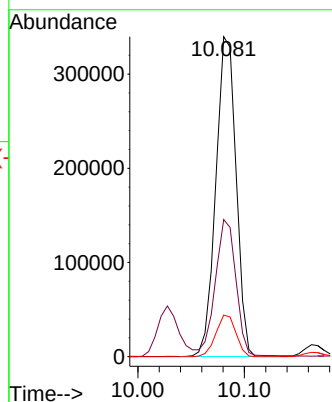
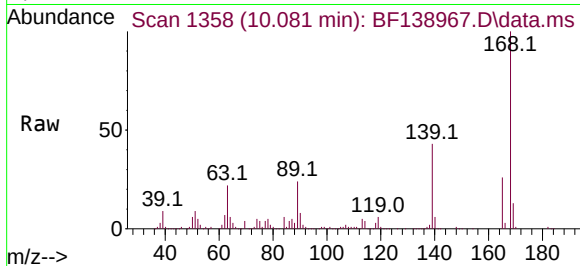
PB162520BS

Tgt Ion:168 Resp: 447408
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 13.0 10.7 16.1

Manual Integrations

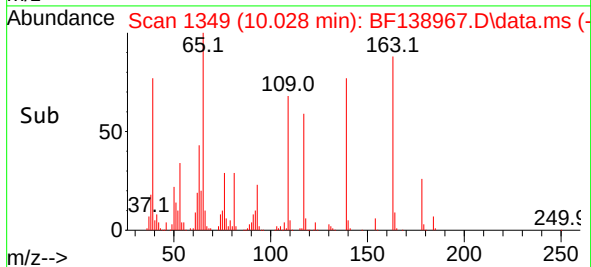
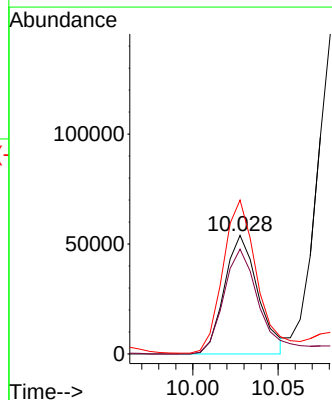
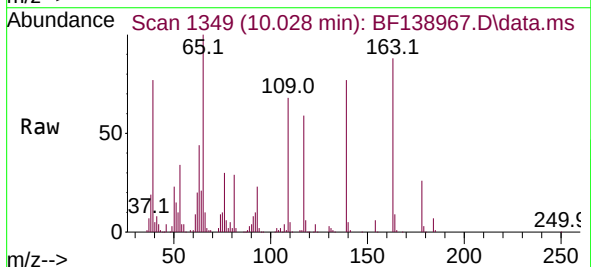
APPROVED

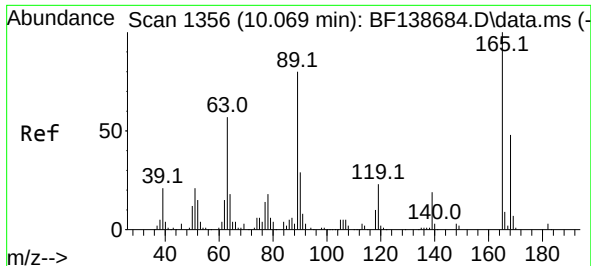
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 68.714 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:139 Resp: 74111
Ion Ratio Lower Upper
139 100
109 88.5 55.5 95.5
65 129.9 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 50.645 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

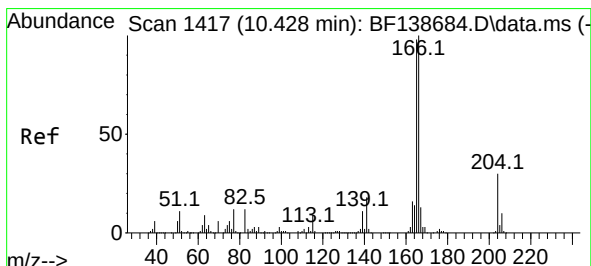
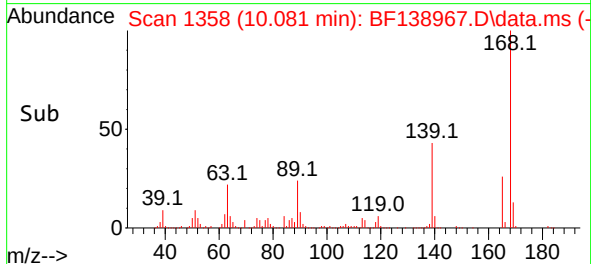
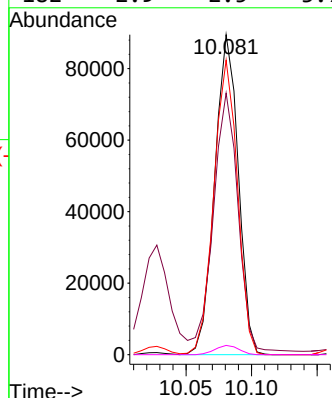
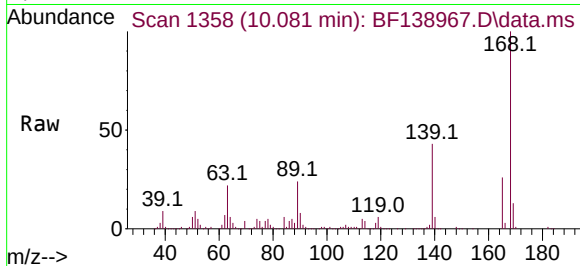
PB162520BS

Tgt Ion:165 Resp: 11210
Ion Ratio Lower Upper
165 100
63 81.7 46.3 69.5
89 92.0 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations

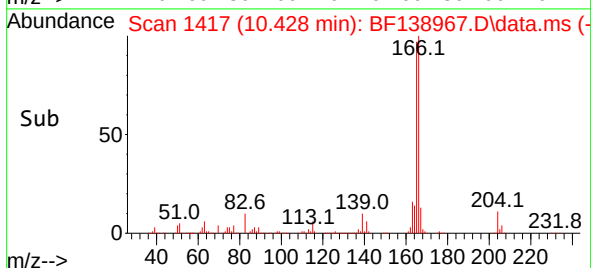
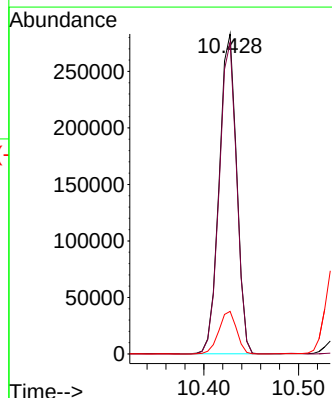
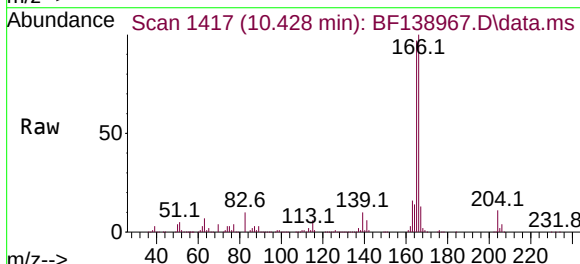
APPROVED

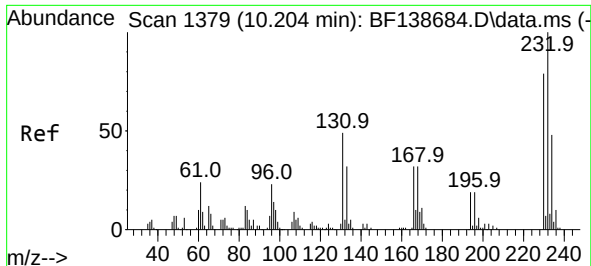
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 48.289 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

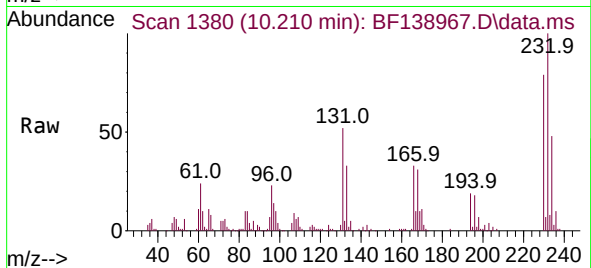
Tgt Ion:166 Resp: 362427
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.541 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

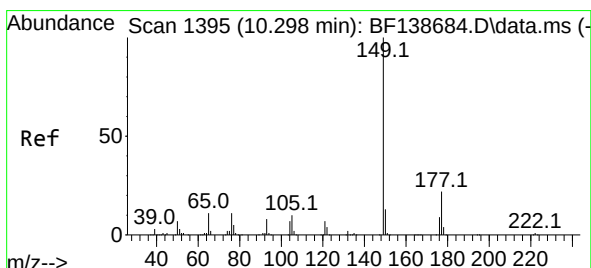
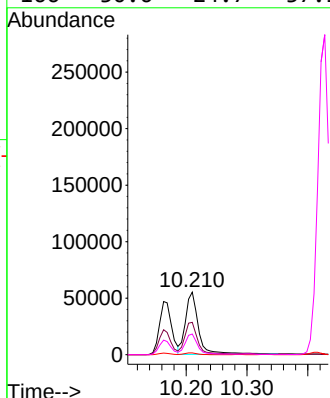
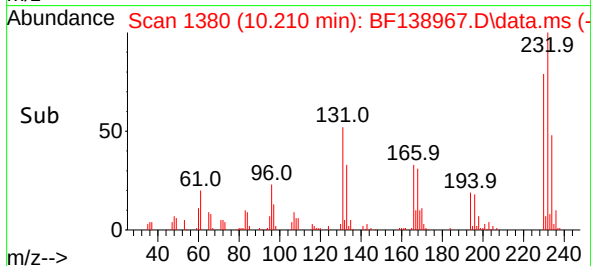
Instrument :
BNA_F
ClientSampleId :
PB162520BS



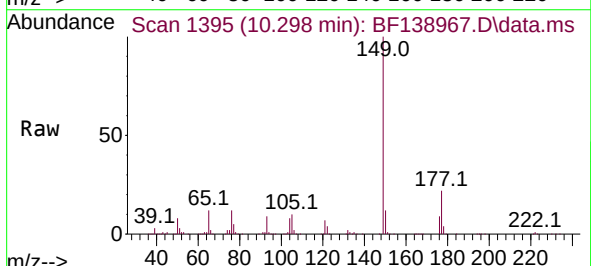
Tgt Ion:232 Resp: 80910
Ion Ratio Lower Upper
232 100
131 52.4 37.0 55.4
130 2.8 2.0 3.0
166 30.6 24.7 37.1

Manual Integrations
APPROVED

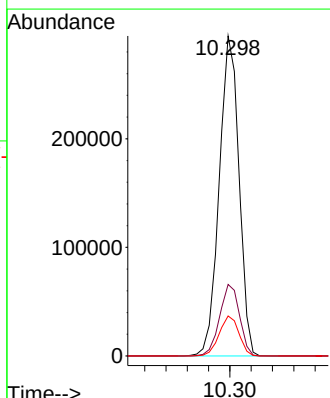
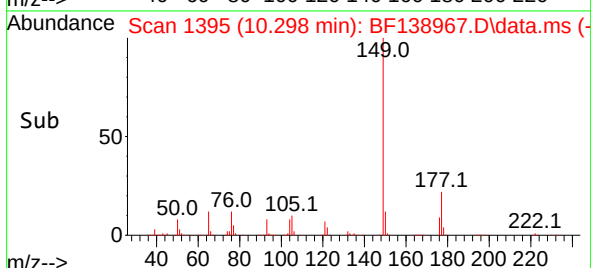
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

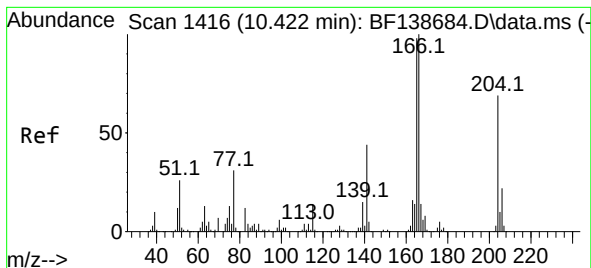


#60
Diethylphthalate
Concen: 51.936 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:149 Resp: 378567
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.675 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

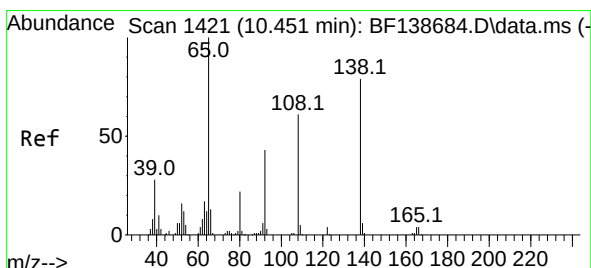
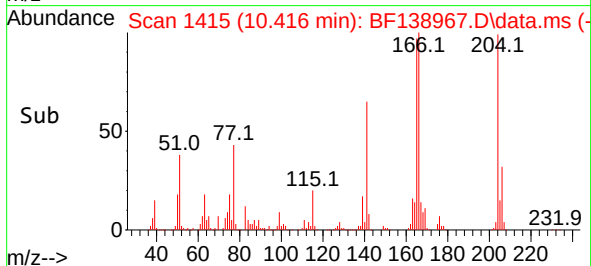
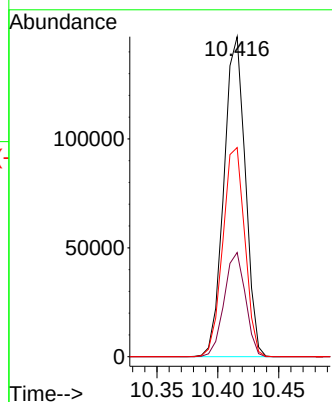
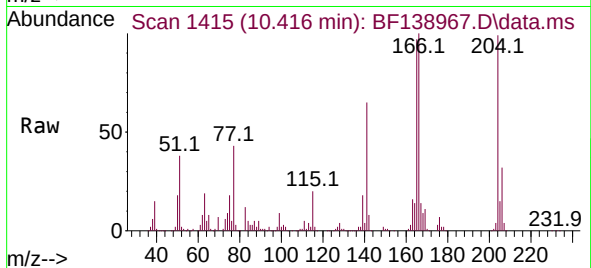
PB162520BS

Tgt Ion:204 Resp: 17967
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 65.4 51.4 77.0

Manual Integrations

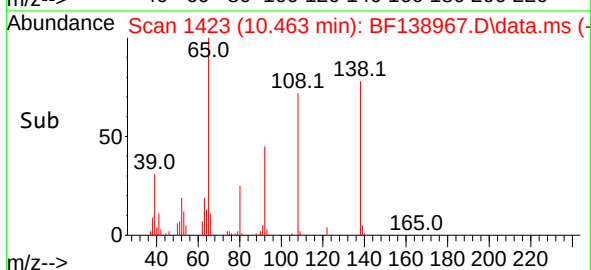
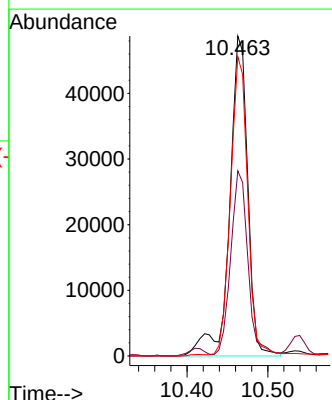
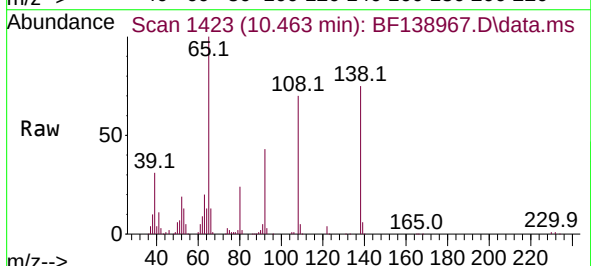
APPROVED

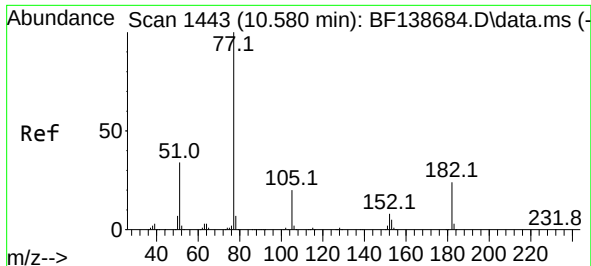
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 44.599 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:138 Resp: 76015
Ion Ratio Lower Upper
138 100
92 57.8 34.2 74.2
108 93.6 56.2 96.2





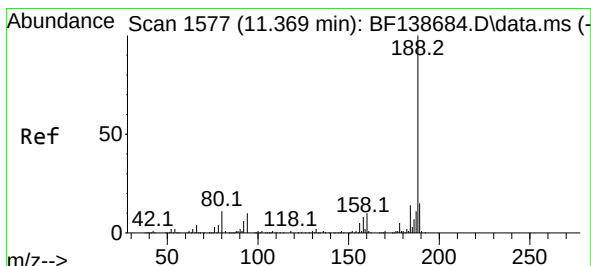
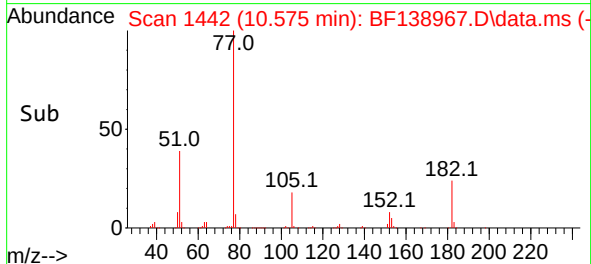
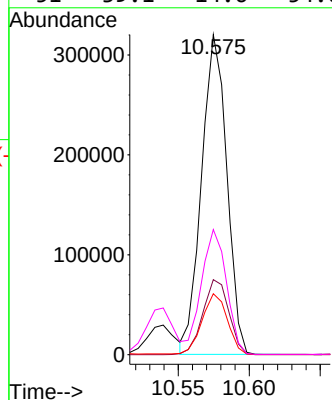
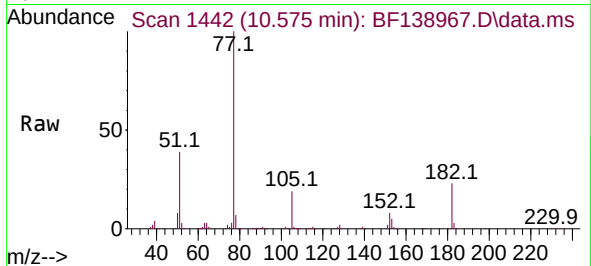
#63
Azobenzene
Concen: 48.950 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162520BS

Tgt Ion: 77 Resp: 39573
Ion Ratio Lower Upper
77 100
182 23.5 3.4 43.4
105 19.0 0.2 40.2
51 39.1 14.6 54.6

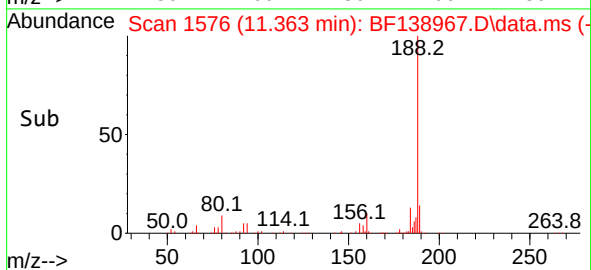
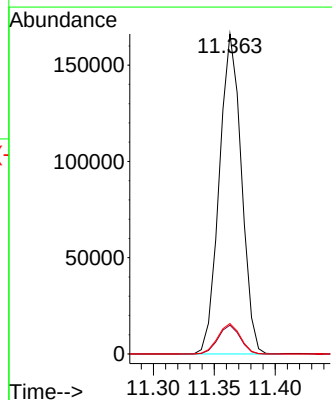
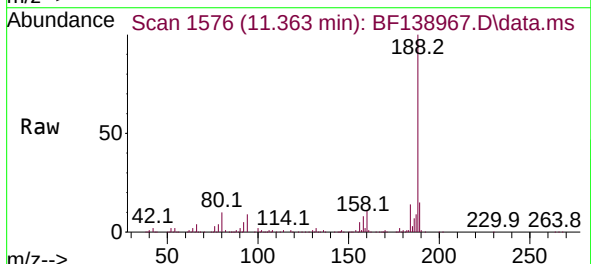
Manual Integrations
APPROVED

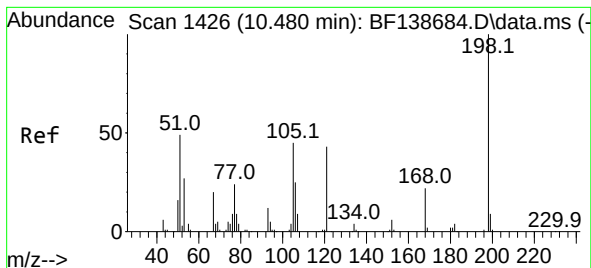
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:188 Resp: 210367
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.5 8.6 12.8





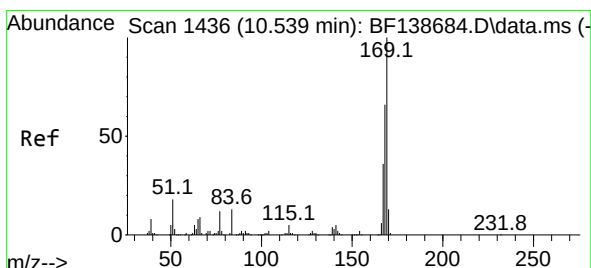
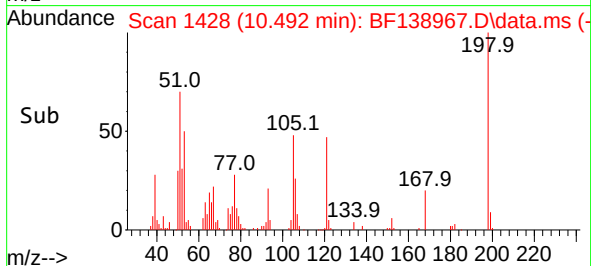
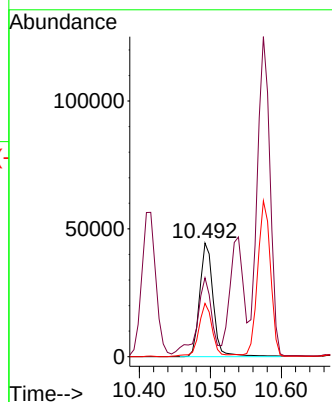
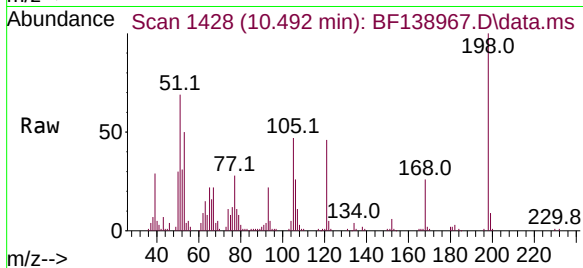
#65
4,6-Dinitro-2-methylphenol
Concen: 46.070 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162520BS

Tgt Ion:198 Resp: 5912
Ion Ratio Lower Upper
198 100
51 69.4 39.9 79.9
105 46.9 26.1 66.1

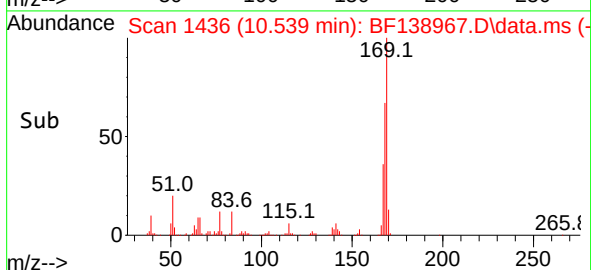
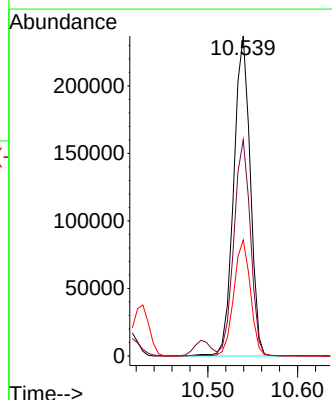
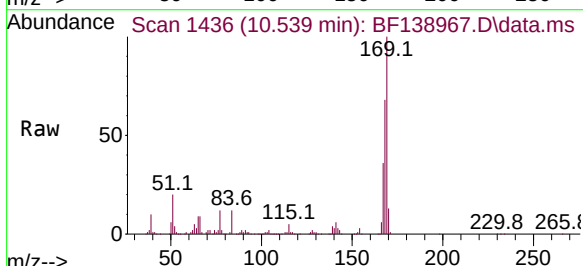
Manual Integrations
APPROVED

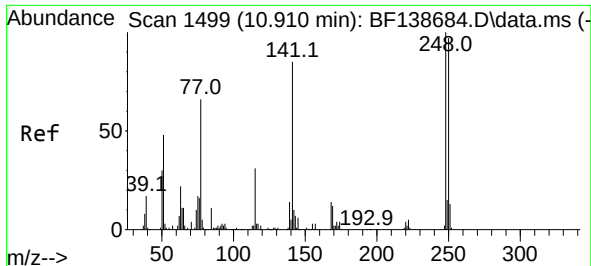
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 45.998 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:169 Resp: 302467
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.106 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

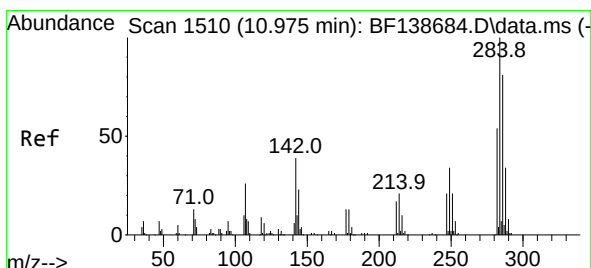
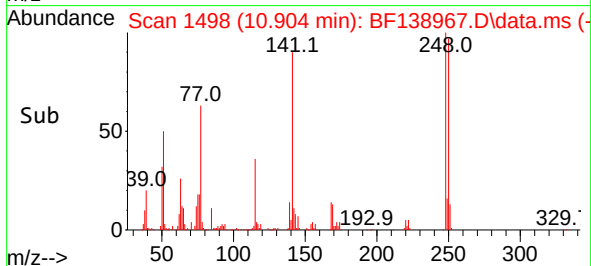
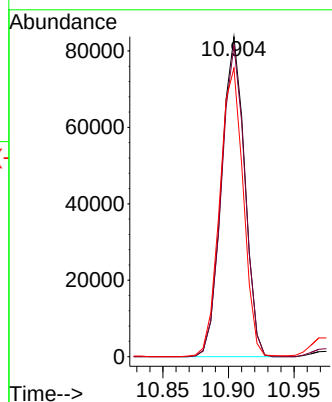
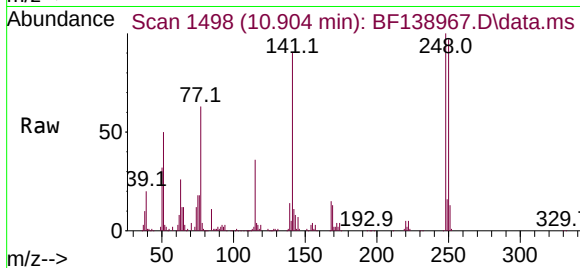
ClientSampleId :

PB162520BS

Tgt Ion:248 Resp: 102734
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 90.1 68.0 102.0

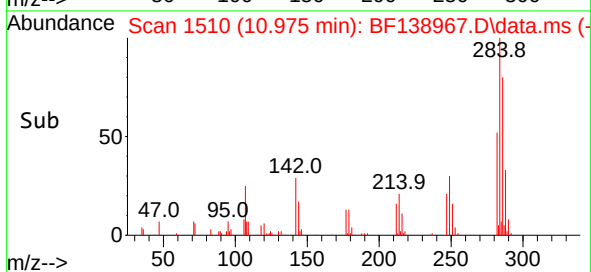
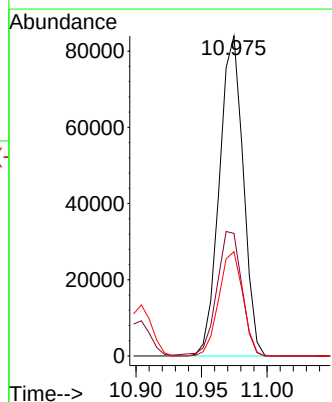
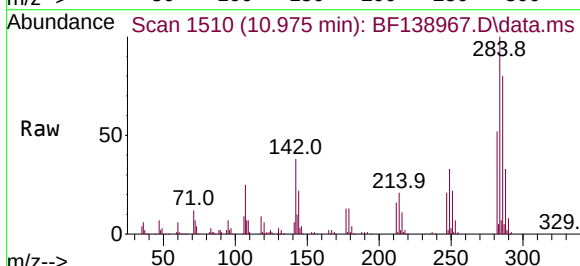
Manual Integrations
APPROVED

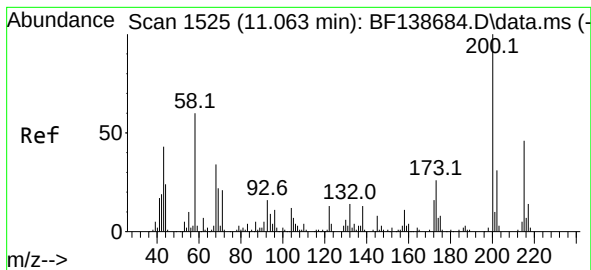
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#68
Hexachlorobenzene
Concen: 45.150 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:284 Resp: 106177
Ion Ratio Lower Upper
284 100
142 38.3 31.3 46.9
249 32.6 27.2 40.8





#69

Atrazine

Concen: 55.641 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

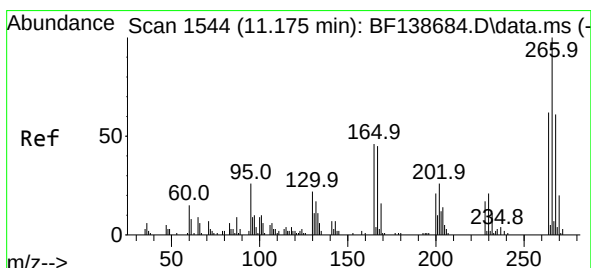
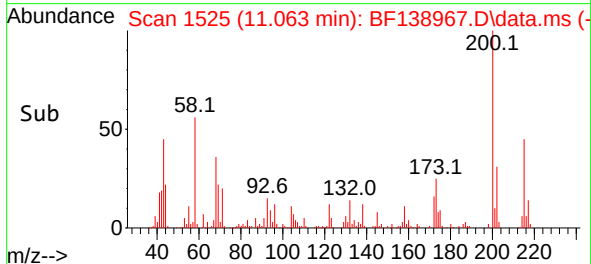
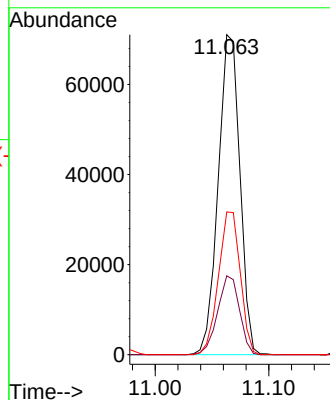
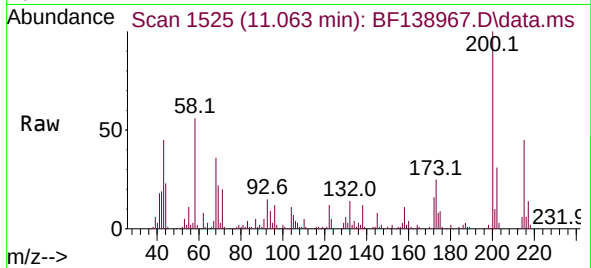
Tgt Ion:200 Resp: 94390
 Ion Ratio Lower Upper
 200 100
 173 24.7 6.0 46.0
 215 44.6 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 66.267 ng

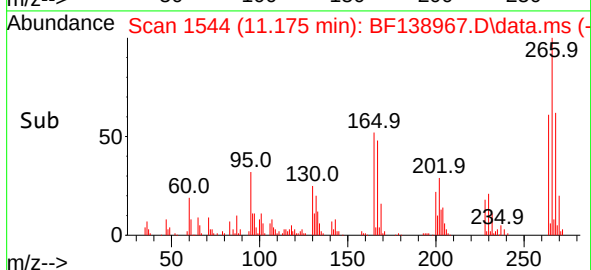
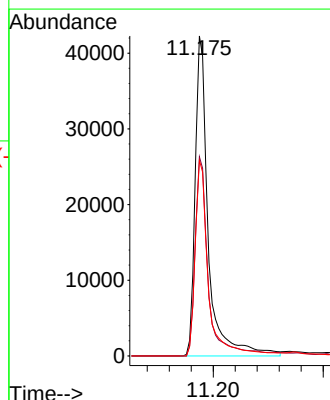
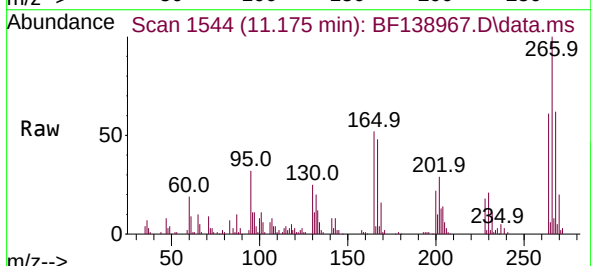
RT: 11.175 min Scan# 1544

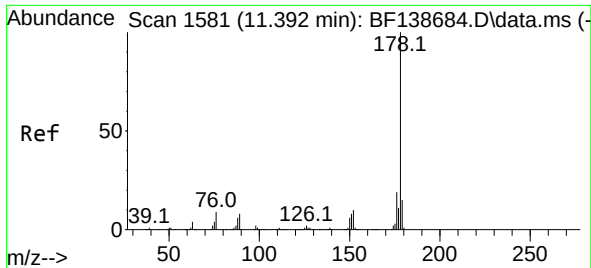
Delta R.T. -0.000 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Tgt Ion:266 Resp: 70243
 Ion Ratio Lower Upper
 266 100
 268 62.2 49.2 73.8
 264 61.1 49.8 74.6





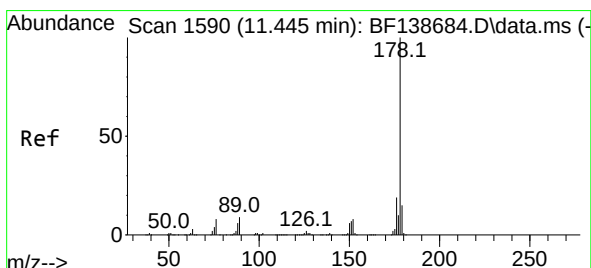
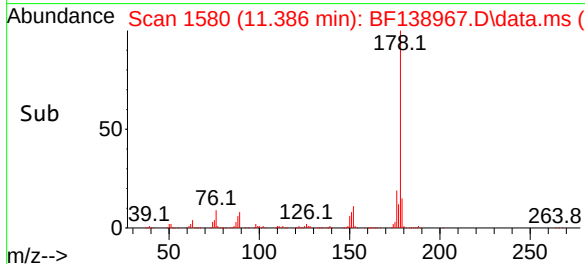
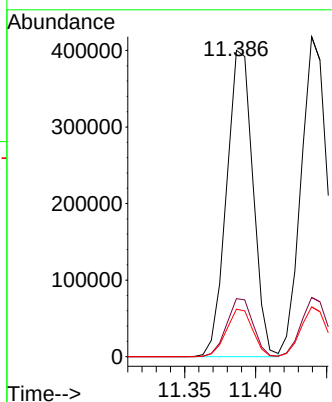
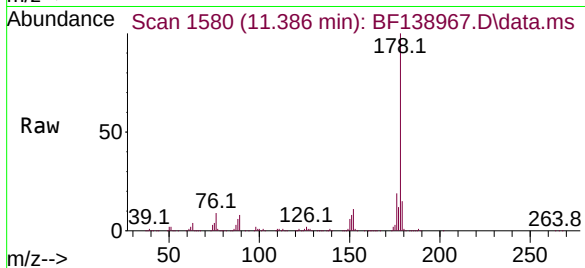
#71
Phenanthrene
Concen: 47.832 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162520BS

Tgt Ion:178 Resp: 518125
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.2 18.2

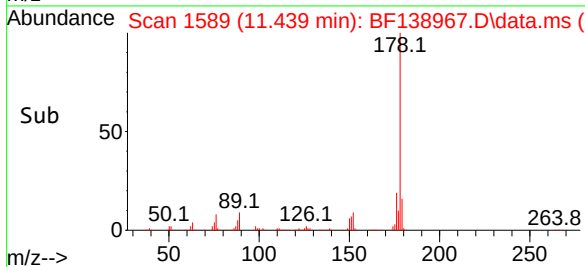
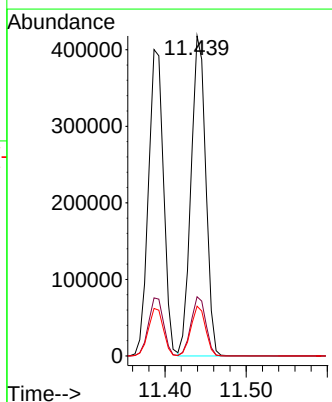
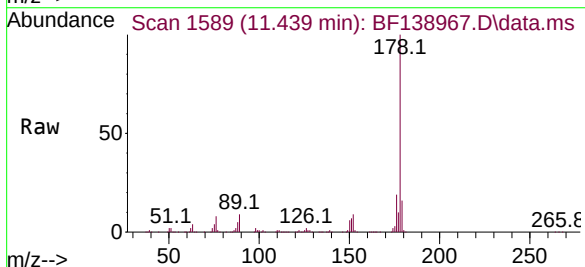
Manual Integrations
APPROVED

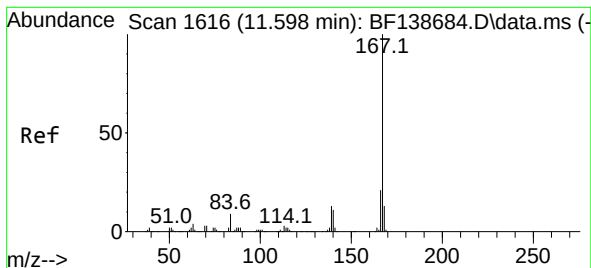
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#72
Anthracene
Concen: 49.622 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:178 Resp: 529525
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 47.372 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138967.D

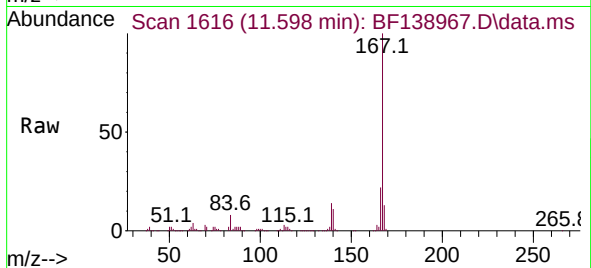
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



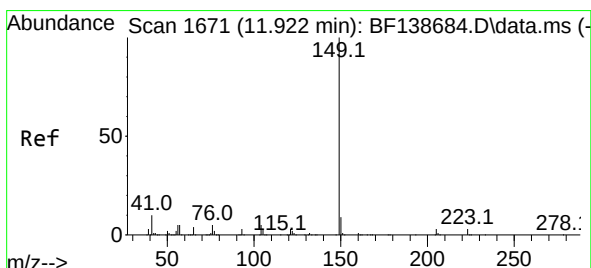
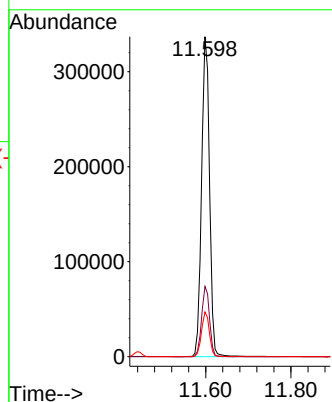
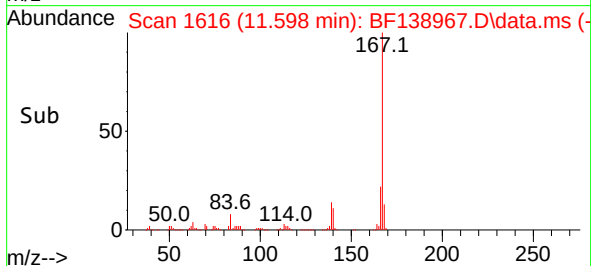
Tgt Ion:	167	Resp:	43613
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.2	25.8
139	14.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#74

Di-n-butylphthalate

Concen: 55.698 ng

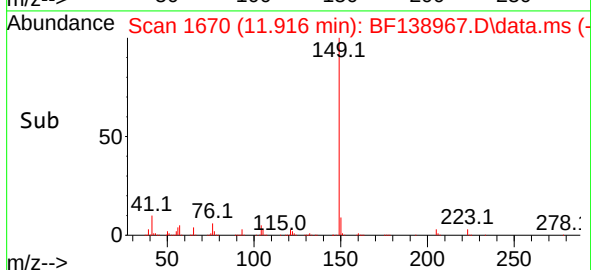
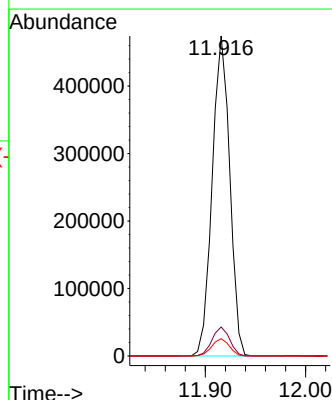
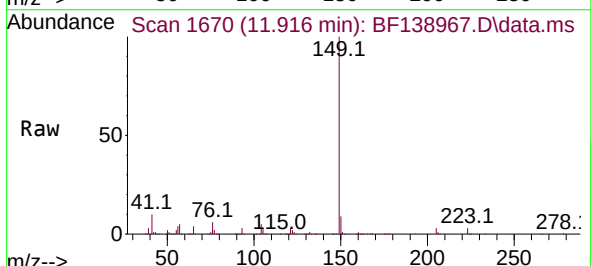
RT: 11.916 min Scan# 1670

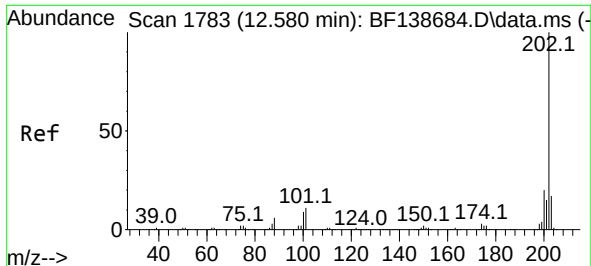
Delta R.T. -0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

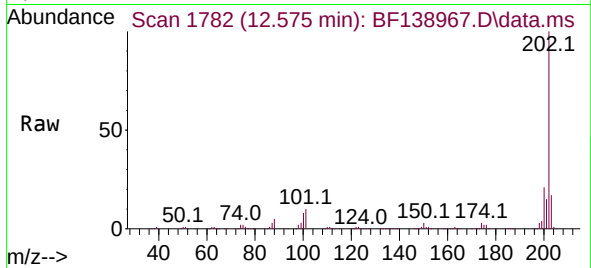
Tgt Ion:	149	Resp:	576456
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.0
104	5.4	4.1	6.1





#75
Fluoranthene
Concen: 47.662 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

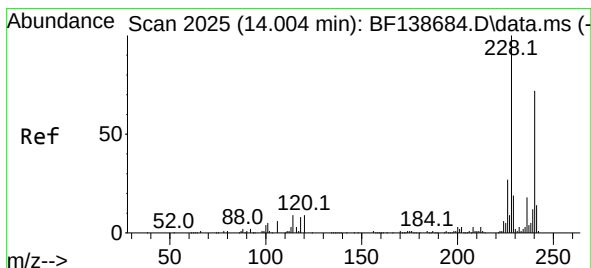
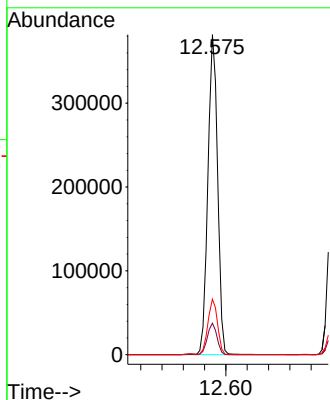
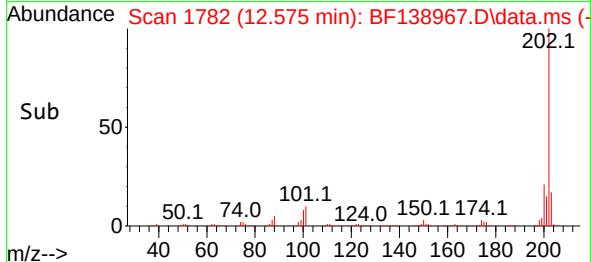
Instrument :
BNA_F
ClientSampleId :
PB162520BS



Tgt Ion:202 Resp: 48198
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.2
203 17.4 0.0 37.3

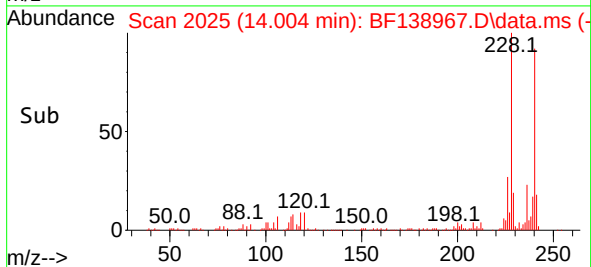
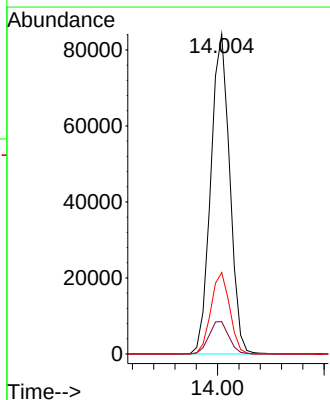
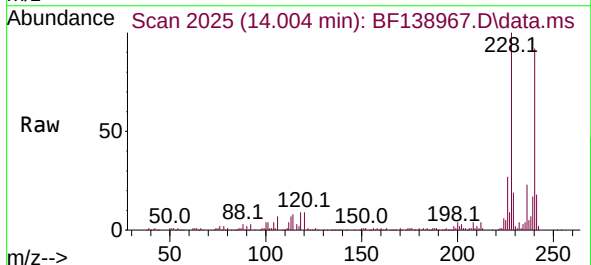
Manual Integrations
APPROVED

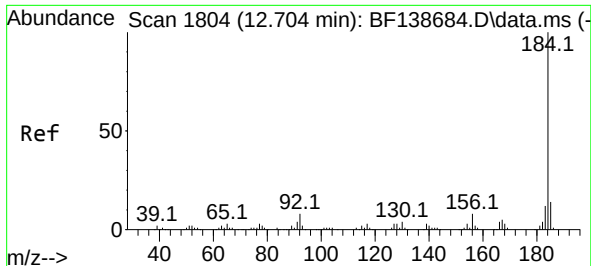
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

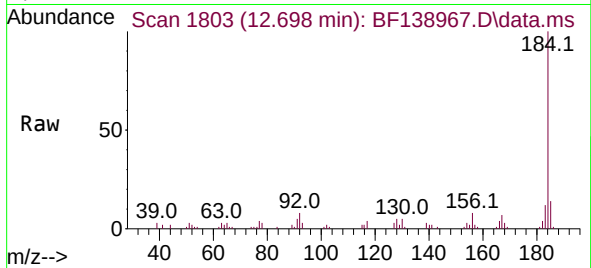
Tgt Ion:240 Resp: 104150
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.5 19.8 29.8





#77
Benzidine
Concen: 12.848 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

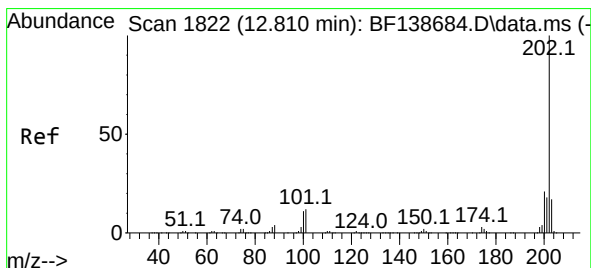
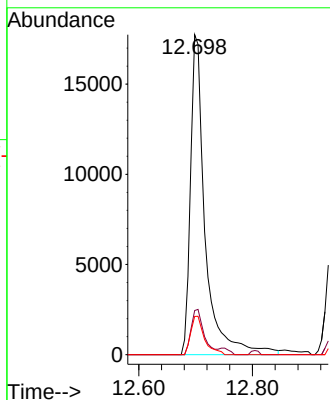
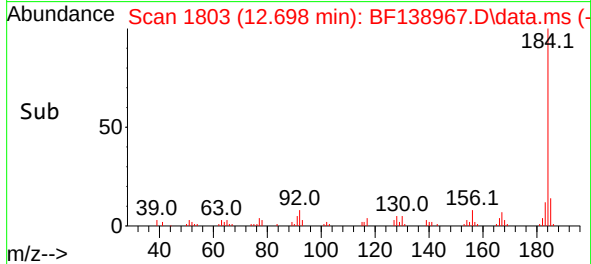
Instrument :
BNA_F
ClientSampleId :
PB162520BS



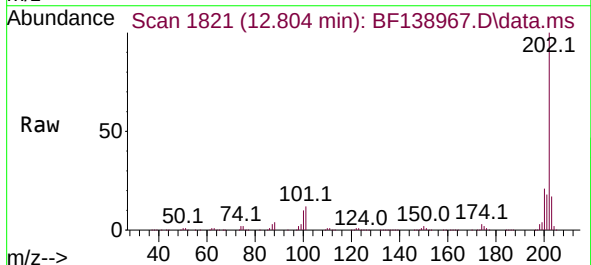
Tgt Ion:184 Resp: 32000
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 11.9 9.6 14.4

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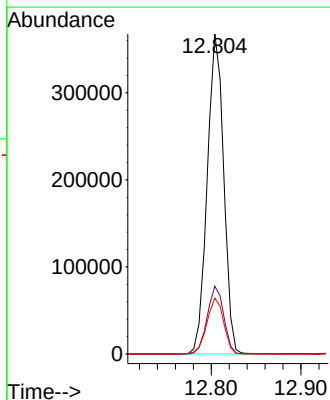
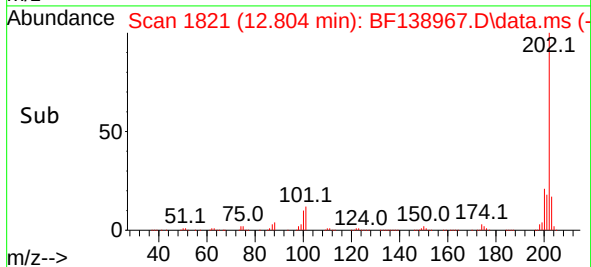
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

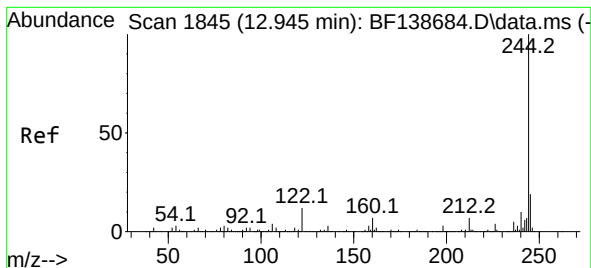


#78
Pyrene
Concen: 47.715 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:202 Resp: 467899
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 110.591 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138967.D

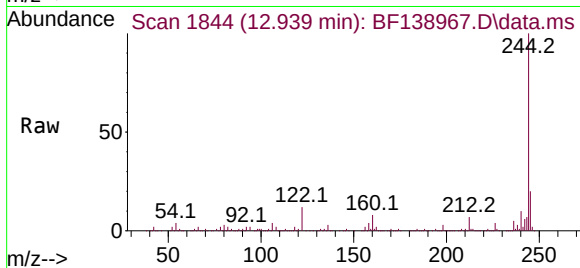
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



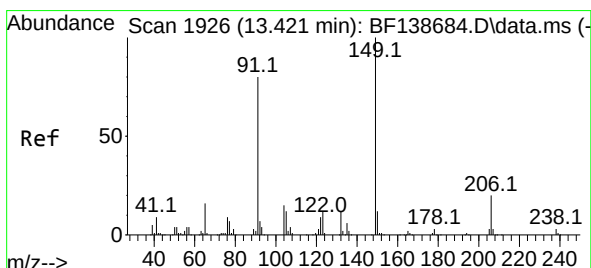
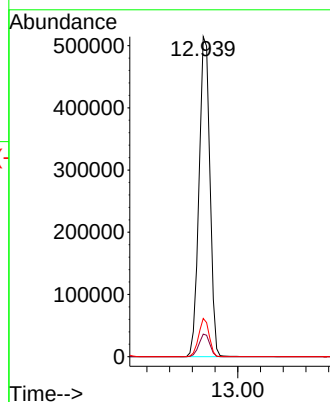
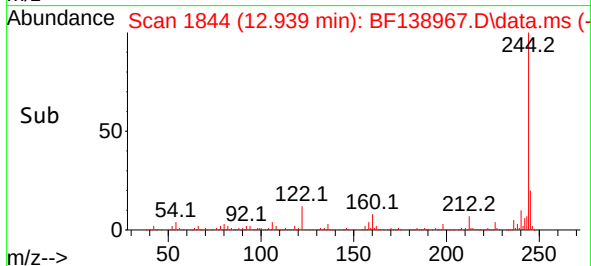
Tgt Ion:	244	Resp:	687944
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	11.9	9.6	14.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#80

Butylbenzylphthalate

Concen: 57.244 ng

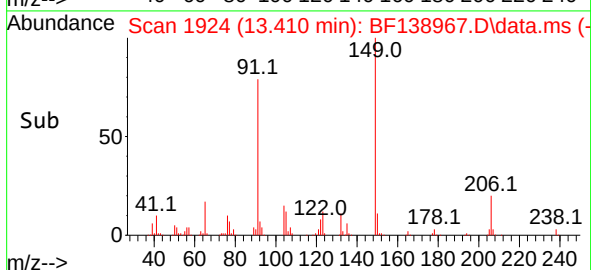
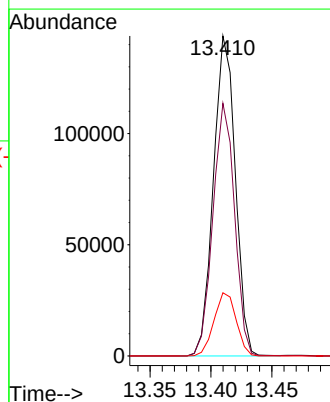
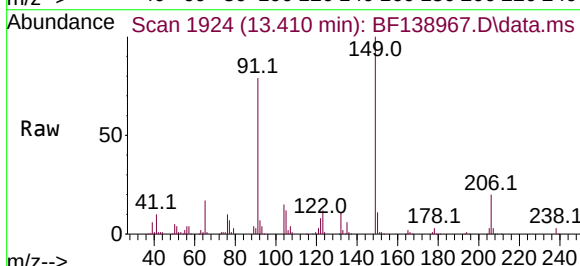
RT: 13.410 min Scan# 1924

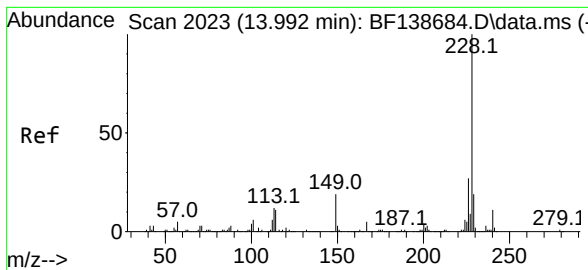
Delta R.T. -0.012 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Tgt Ion:	149	Resp:	179755
Ion Ratio	Lower	Upper	
149	100		
91	78.9	63.7	95.5
206	19.8	16.2	24.2





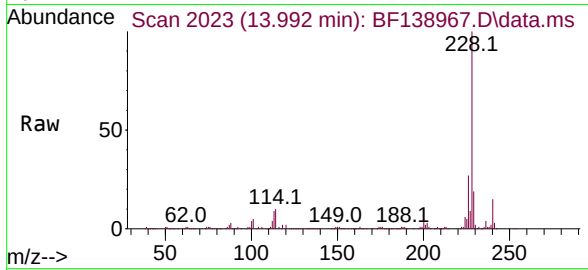
#81
Benzo(a)anthracene
Concen: 47.599 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



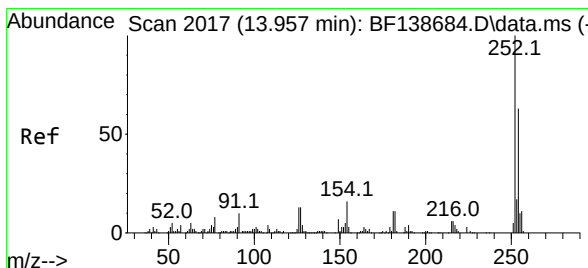
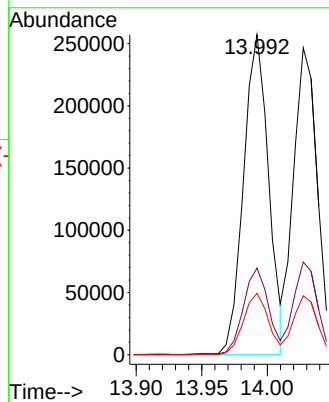
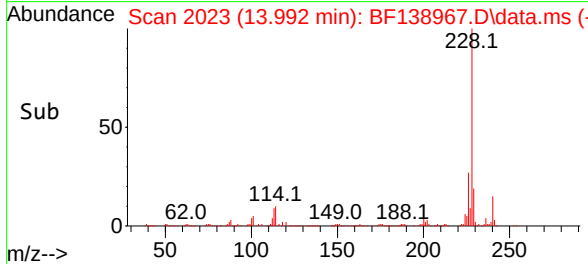
Tgt Ion:228 Resp: 341379
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.2 15.4 23.0

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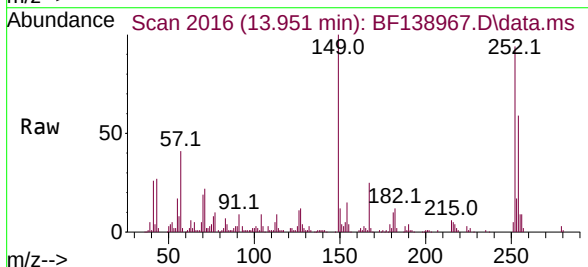
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

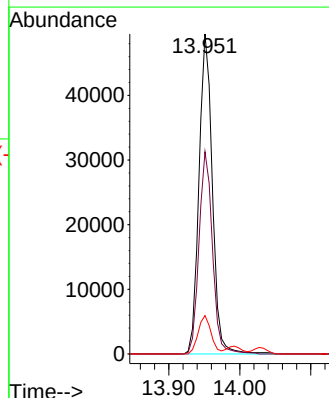
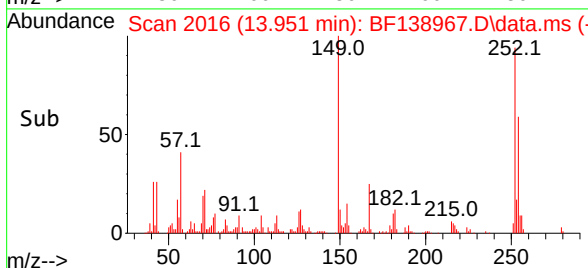
Supervised By :mohammad ahmed 08/14/2024

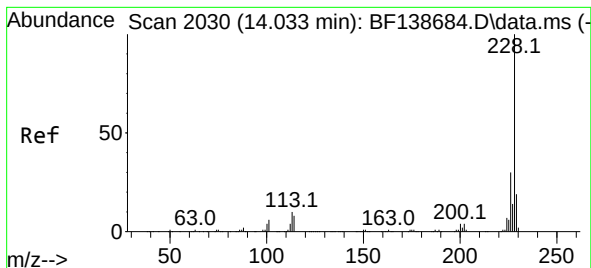


#82
3,3'-Dichlorobenzidine
Concen: 35.330 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:252 Resp: 64843
Ion Ratio Lower Upper
252 100
254 63.2 50.8 76.2
126 12.0 10.2 15.2





#83

Chrysene

Concen: 48.159 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS

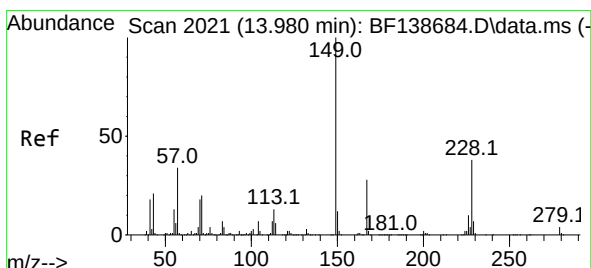
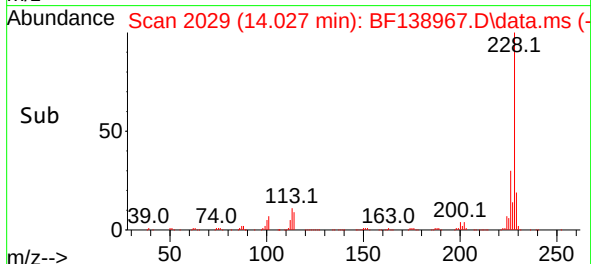
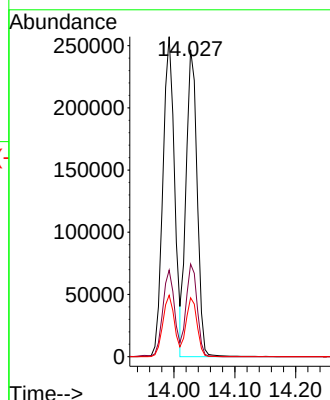
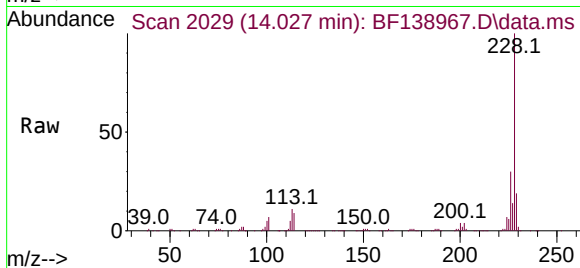
Tgt Ion:228	Resp: 311614
Ion Ratio	Lower Upper
228 100	
226 30.2	23.7 35.5
229 19.2	15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.732 ng

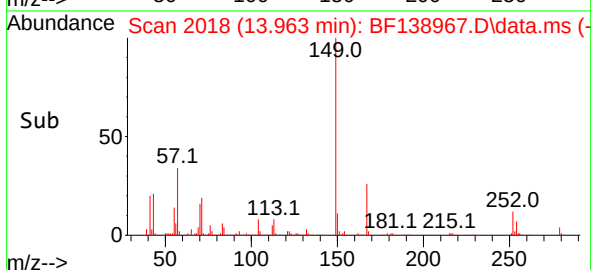
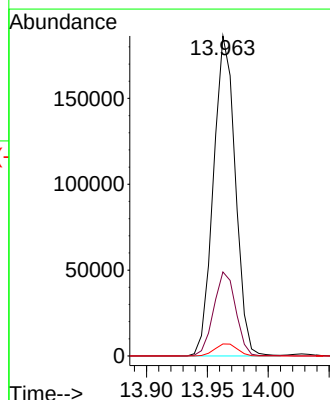
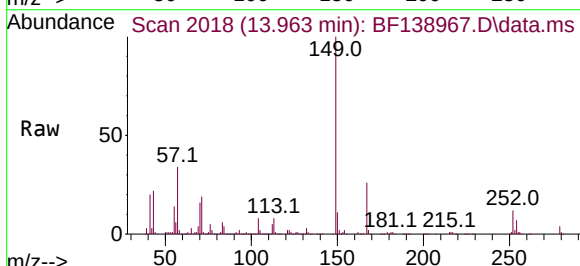
RT: 13.963 min Scan# 2018

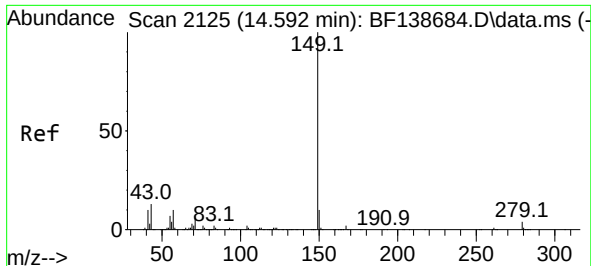
Delta R.T. -0.018 min

Lab File: BF138967.D

Acq: 13 Aug 2024 11:08

Tgt Ion:149	Resp: 233278
Ion Ratio	Lower Upper
149 100	
167 26.2	22.2 33.4
279 3.8	3.4 5.0





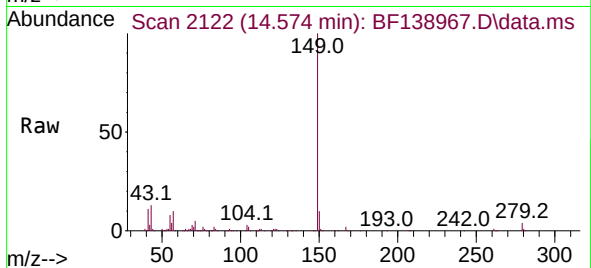
#85
Di-n-octyl phthalate
Concen: 41.232 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



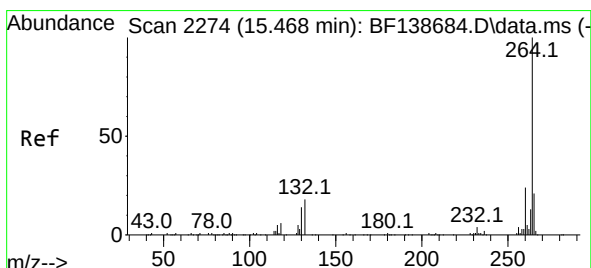
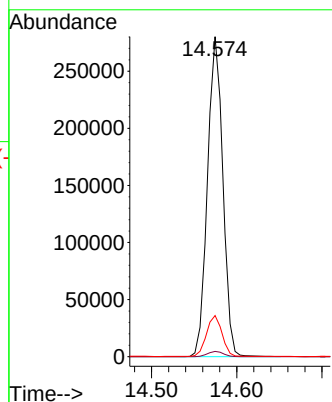
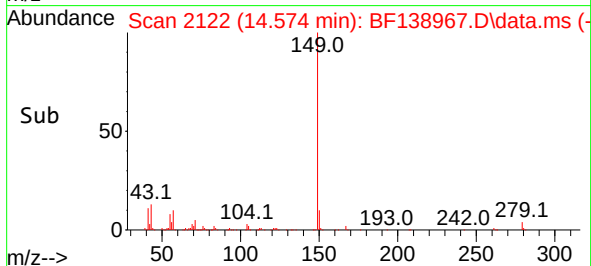
Tgt Ion:149 Resp: 350779
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 13.0 10.4 15.6

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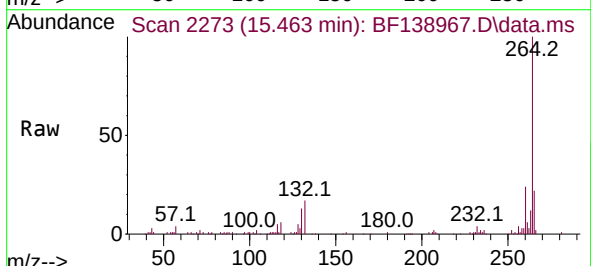
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

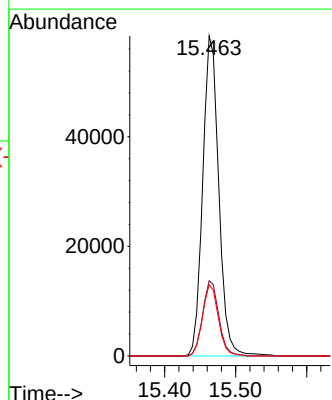
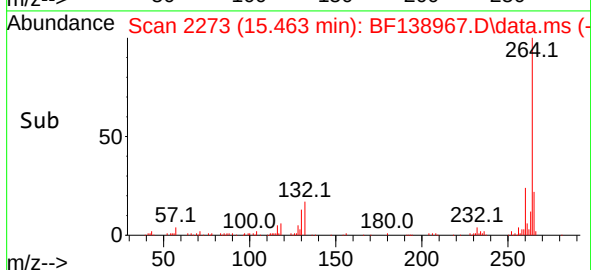
Supervised By :mohammad ahmed 08/14/2024

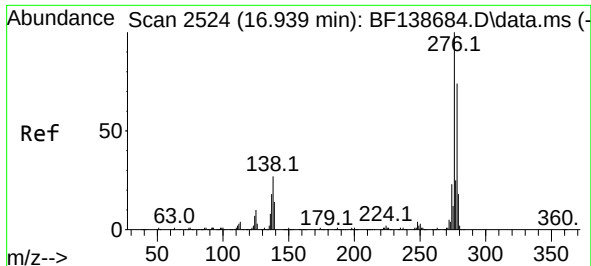


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:264 Resp: 91923
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.984 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

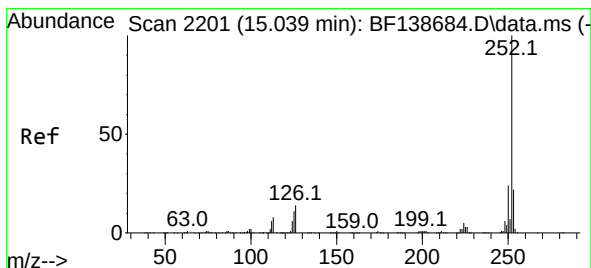
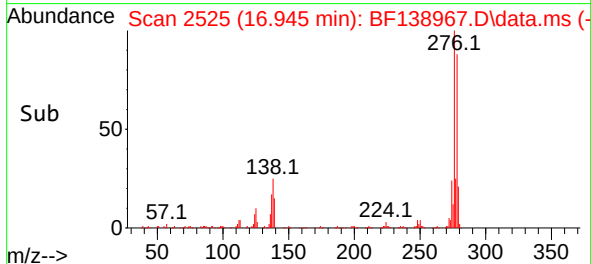
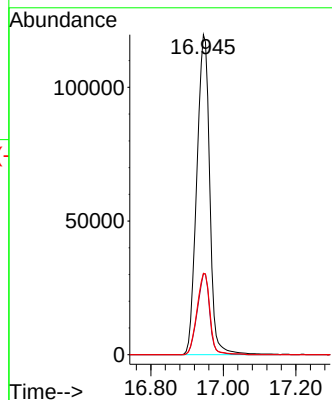
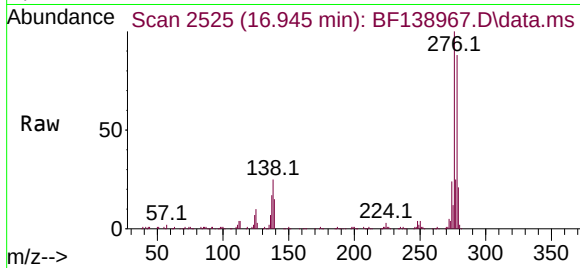
ClientSampleId :

PB162520BS

Tgt Ion:276 Resp: 296334
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.5 20.6 30.8

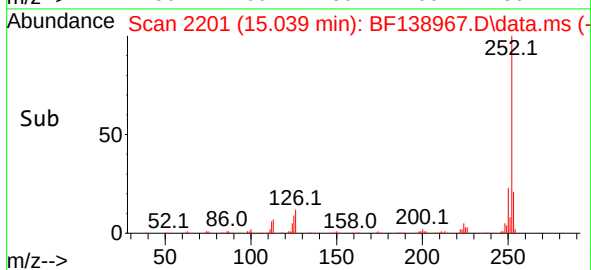
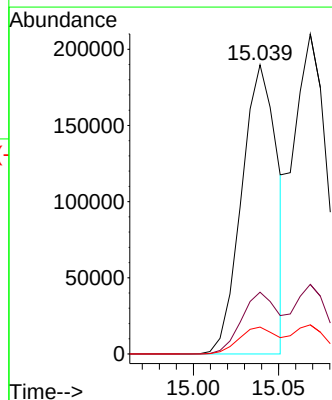
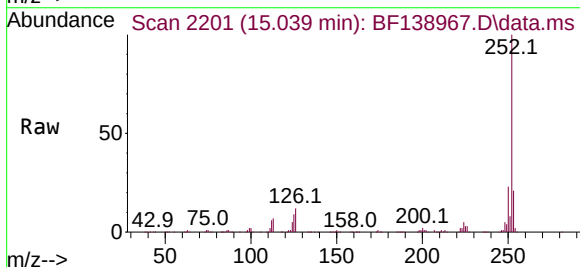
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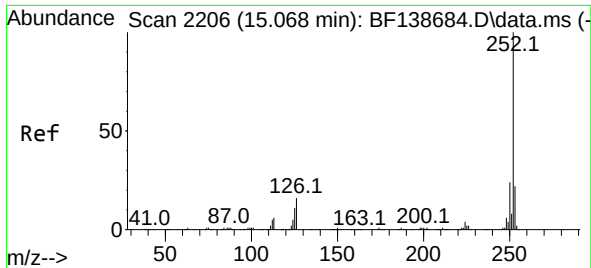
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#88
Benzo(b)fluoranthene
Concen: 48.163 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:252 Resp: 274450
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.3 8.9 13.3





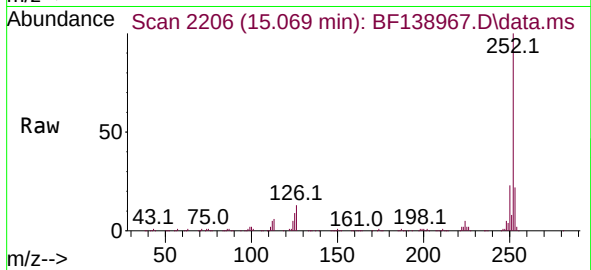
#89
Benzo(k)fluoranthene
Concen: 58.346 ng
RT: 15.069 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162520BS



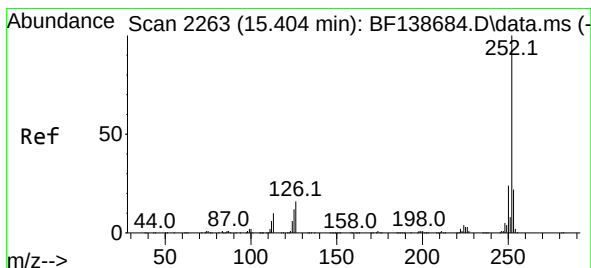
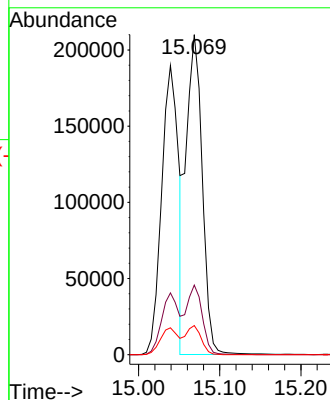
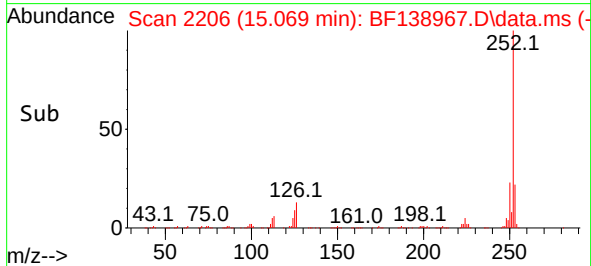
Tgt Ion:252 Resp: 28786
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.1 8.6 13.0

Manual Integrations

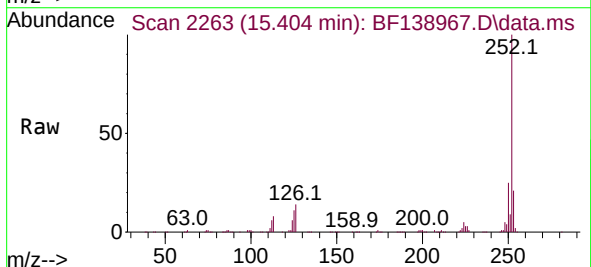
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Reviewed By :Yogesh Patel 08/14/2024

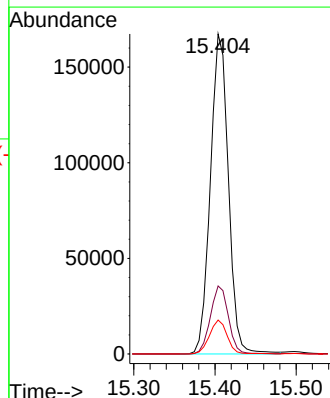
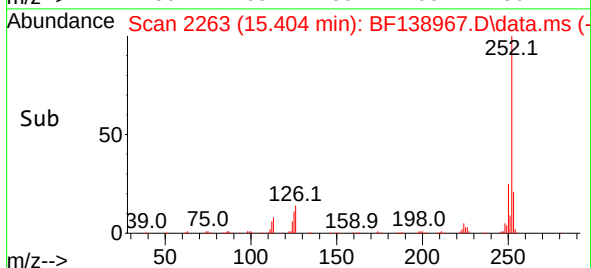
Supervised By :mohammad ahmed 08/14/2024

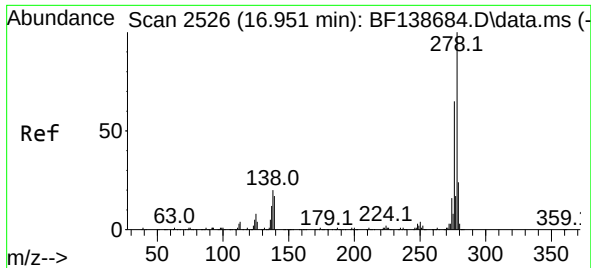


#90
Benzo(a)pyrene
Concen: 53.804 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08



Tgt Ion:252 Resp: 257889
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 10.6 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 44.447 ng
RT: 16.951 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Instrument :

BNA_F

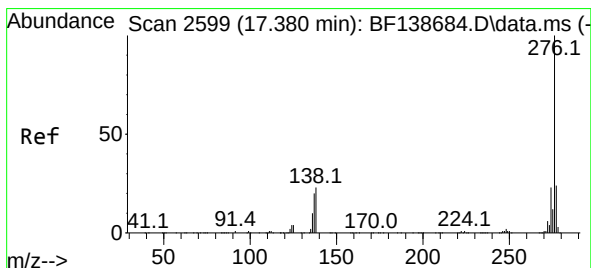
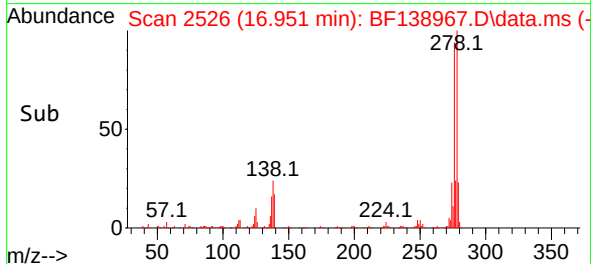
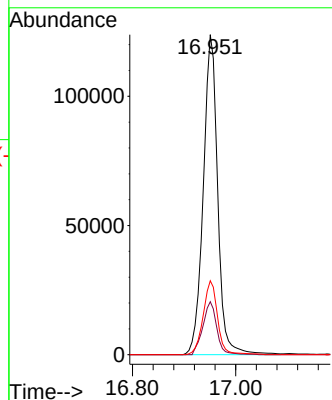
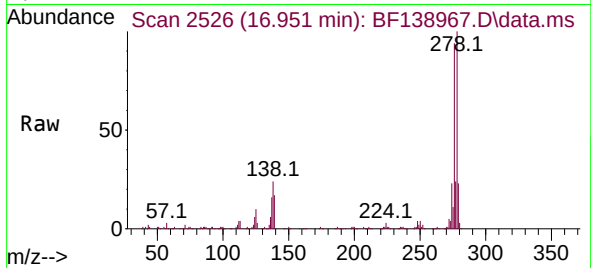
ClientSampleId :

PB162520BS

Tgt Ion:278 Resp: 240349
Ion Ratio Lower Upper
278 100
139 16.5 14.0 21.0
279 23.1 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#92
Benzo(g,h,i)perylene
Concen: 38.868 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138967.D
Acq: 13 Aug 2024 11:08

Tgt Ion:276 Resp: 218103
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 20.1 18.5 27.7

