

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138327.D
 Acq On : 25 Jun 2024 11:16
 Operator : CG\JU
 Sample : PB161675BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161675BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 07:13:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	225165	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	915128	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	510403	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	887267	20.000	ng	0.00
76) Chrysene-d12	14.051	240	508648	20.000	ng	0.00
86) Perylene-d12	15.521	264	564989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1567398	116.447	ng	0.01
7) Phenol-d6	6.528	99	1934713	113.353	ng	0.00
23) Nitrobenzene-d5	7.451	82	1257551	80.000	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	659030	129.700	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2450363	76.340	ng	0.00
79) Terphenyl-d14	12.998	244	2510712	78.179	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	198207	32.178	ng	97
3) Pyridine	3.510	79	479587	32.759	ng	96
4) n-Nitrosodimethylamine	3.469	42	258807	38.198	ng	93
6) Aniline	6.551	93	484977	29.040	ng	98
8) 2-Chlorophenol	6.675	128	655091	45.017	ng	100
9) Benzaldehyde	6.439	77	619604	68.349	ng	99
10) Phenol	6.539	94	750616	43.335	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	588822	42.475	ng	99
12) 1,3-Dichlorobenzene	6.828	146	675731	40.859	ng	99
13) 1,4-Dichlorobenzene	6.904	146	680206	40.870	ng	100
14) 1,2-Dichlorobenzene	7.057	146	662708	42.416	ng	98
15) Benzyl Alcohol	7.028	79	526950	45.789	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	768713	39.290	ng	95
17) 2-Methylphenol	7.139	107	506353	44.102	ng	97
18) Hexachloroethane	7.398	117	247520	43.899	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	422721	41.783	ng	98
20) 3+4-Methylphenols	7.292	107	600447	41.550	ng	95
22) Acetophenone	7.298	105	828137	39.614	ng	95
24) Nitrobenzene	7.469	77	639783	39.379	ng	96
25) Isophorone	7.710	82	1192871	41.953	ng	100
26) 2-Nitrophenol	7.786	139	359229	54.987	ng	99
27) 2,4-Dimethylphenol	7.822	122	454004	45.678	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	749111	42.088	ng	100
29) 2,4-Dichlorophenol	8.028	162	551439	43.094	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	612363	40.578	ng	99
31) Naphthalene	8.192	128	1830562	40.454	ng	99
32) Benzoic acid	7.957	122	425930	48.622	ng	100
33) 4-Chloroaniline	8.233	127	336849	19.917	ng	99
34) Hexachlorobutadiene	8.304	225	363122	41.143	ng	99
35) Caprolactam	8.616	113	180526m	46.730	ng	
36) 4-Chloro-3-methylphenol	8.722	107	569440	44.694	ng	96
37) 2-Methylnaphthalene	8.880	142	1236688	41.642	ng	99
38) 1-Methylnaphthalene	8.980	142	1149572	39.501	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	620173	41.581	ng	99
41) Hexachlorocyclopentadiene	9.033	237	624926	128.498	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	421122	45.093	ng	99

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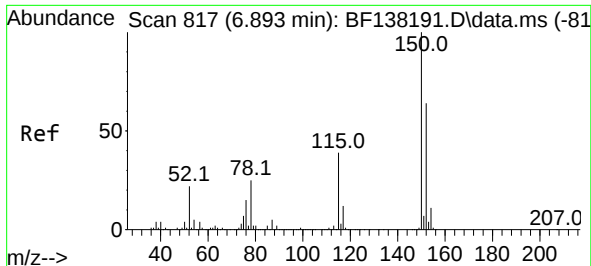
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	440871	42.987	ng	97
46) 1,1'-Biphenyl	9.345	154	1539342	41.101	ng	98
47) 2-Chloronaphthalene	9.374	162	1198389	40.487	ng	98
48) 2-Nitroaniline	9.469	65	340851	47.817	ng	95
49) Acenaphthylene	9.786	152	1835607	44.226	ng	99
50) Dimethylphthalate	9.651	163	1414220	45.222	ng	99
51) 2,6-Dinitrotoluene	9.710	165	322069	47.472	ng	92
52) Acenaphthene	9.963	154	1272455m	44.959	ng	
53) 3-Nitroaniline	9.880	138	215105	29.679	ng	89
54) 2,4-Dinitrophenol	9.986	184	353719	95.511	ng	96
55) Dibenzofuran	10.133	168	1645719	41.595	ng	100
56) 4-Nitrophenol	10.045	139	482943	84.321	ng	94
57) 2,4-Dinitrotoluene	10.116	165	426447	50.963	ng	96
58) Fluorene	10.474	166	1266208	40.704	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368600	45.988	ng	99
60) Diethylphthalate	10.351	149	1350829	45.512	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	653546	42.184	ng	96
62) 4-Nitroaniline	10.498	138	299097	41.304	ng	95
63) Azobenzene	10.627	77	1239180	41.673	ng	95
65) 4,6-Dinitro-2-methylph...	10.521	198	240100	52.368	ng	91
66) n-Nitrosodiphenylamine	10.586	169	1147725	42.252	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	435517	43.561	ng	# 93
68) Hexachlorobenzene	11.021	284	498489	42.724	ng	96
69) Atrazine	11.110	200	360594	46.606	ng	98
70) Pentachlorophenol	11.216	266	547045	80.393	ng	98
71) Phenanthrene	11.439	178	1844071	42.027	ng	99
72) Anthracene	11.492	178	1866542	42.845	ng	98
73) Carbazole	11.645	167	1577442	39.478	ng	99
74) Di-n-butylphthalate	11.968	149	1919389	46.400	ng	99
75) Fluoranthene	12.627	202	1742261	38.939	ng	97
77) Benzidine	12.739	184	201669	34.278	ng	98
78) Pyrene	12.851	202	1732491	39.488	ng	98
80) Butylbenzylphthalate	13.468	149	609920	51.107	ng	99
81) Benzo(a)anthracene	14.039	228	1458351	44.690	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	366556	40.791	ng	99
83) Chrysene	14.074	228	1394029	44.818	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	881429	63.503	ng	100
85) Di-n-octyl phthalate	14.639	149	1545090	74.931	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1927053	52.320	ng	100
88) Benzo(b)fluoranthene	15.092	252	1460817	43.844	ng	98
89) Benzo(k)fluoranthene	15.121	252	1492042	45.694	ng	99
90) Benzo(a)pyrene	15.462	252	1353339	47.281	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	1560994	51.634	ng	99
92) Benzo(g,h,i)perylene	17.468	276	1496475	47.849	ng	99

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



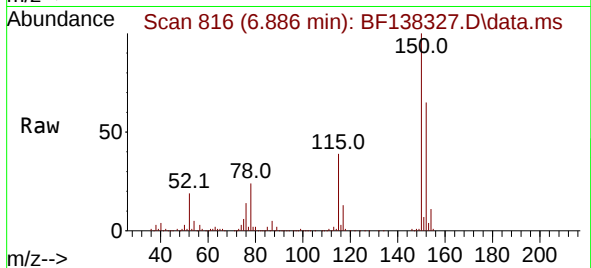
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

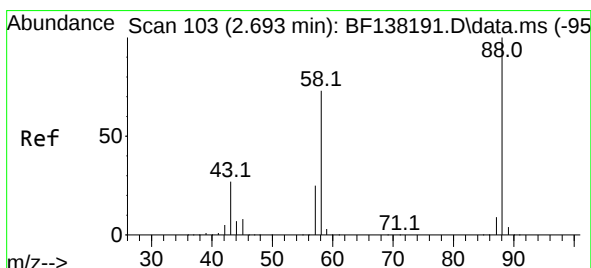
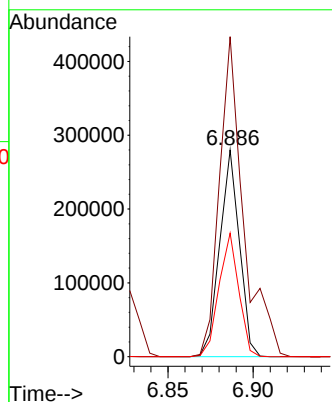
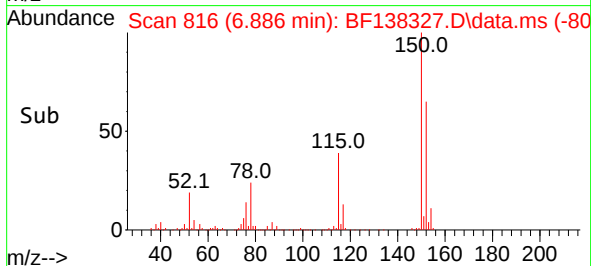


Tgt Ion:152 Resp: 22516
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.4
115 59.8 48.4 72.6

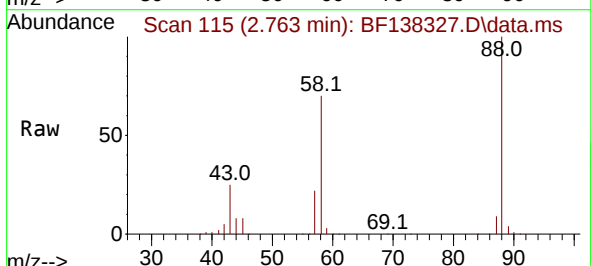
Manual Integrations

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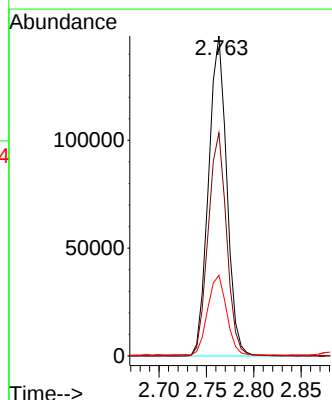
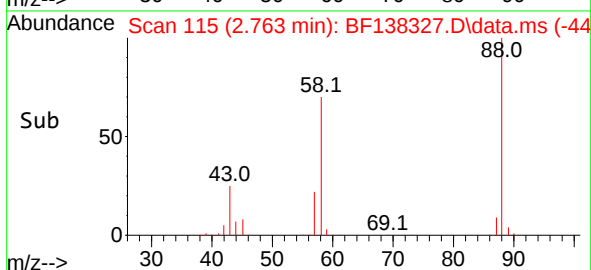
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

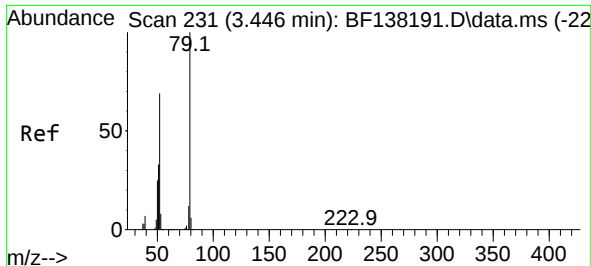


#2
1,4-Dioxane
Concen: 32.178 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.070 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



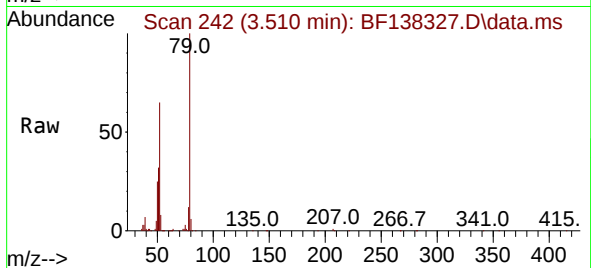
Tgt Ion: 88 Resp: 198207
Ion Ratio Lower Upper
88 100
58 70.6 58.6 87.8
43 26.1 22.4 33.6





#3
Pyridine
Concen: 32.759 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.064 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

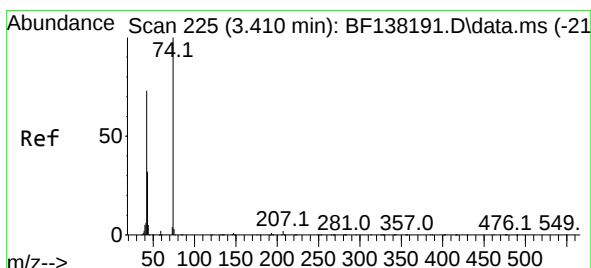
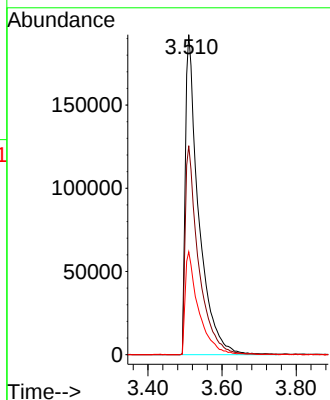
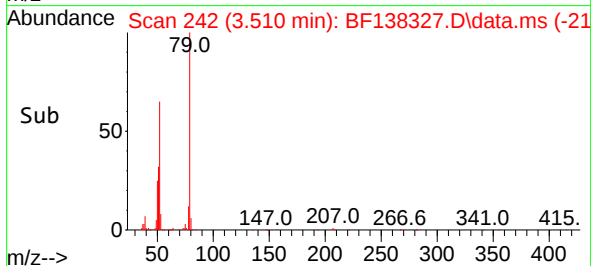
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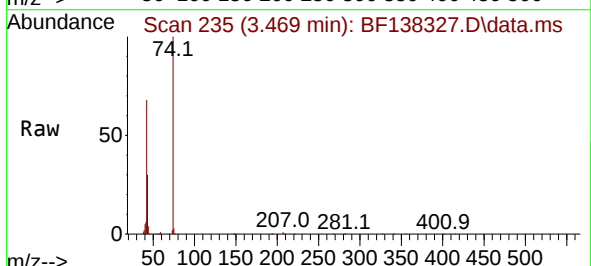
Tgt Ion: 79 Resp: 47958
Ion Ratio Lower Upper
79 100
52 65.3 55.0 82.4
51 32.1 26.9 40.3

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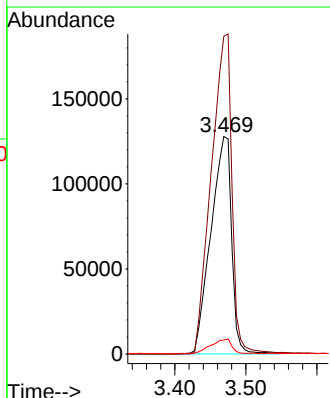
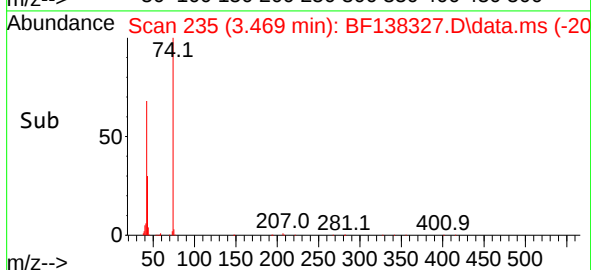
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#4
n-Nitrosodimethylamine
Concen: 38.198 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.059 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion: 42 Resp: 258807
Ion Ratio Lower Upper
42 100
74 146.1 109.9 164.9
44 6.4 5.2 7.8





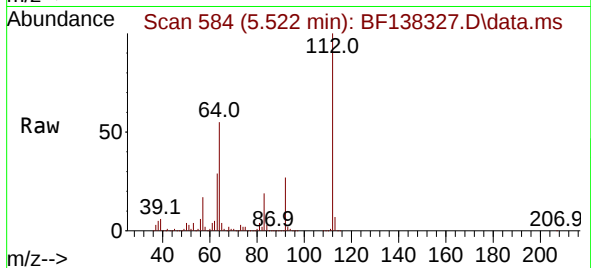
#5
2-Fluorophenol
Concen: 116.447 ng
RT: 5.522 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



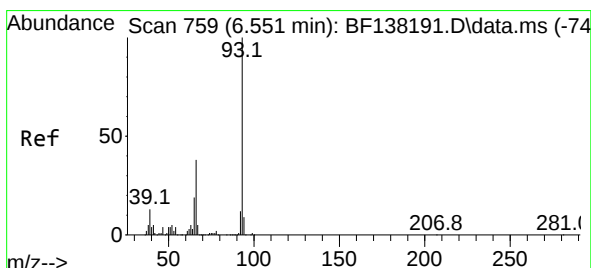
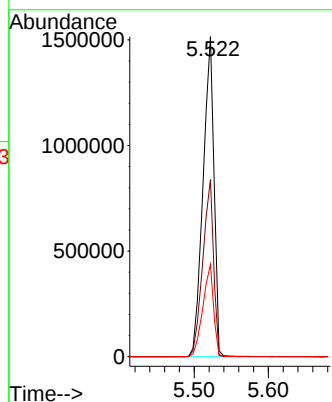
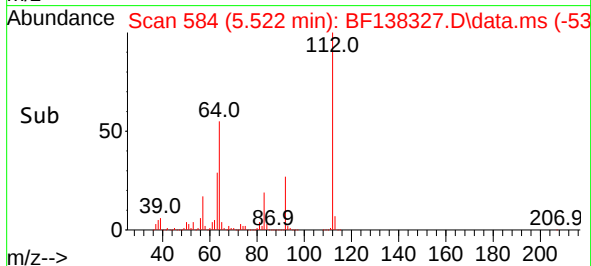
Tgt Ion:112 Resp: 1567398
Ion Ratio Lower Upper
112 100
64 55.4 45.2 67.8
63 28.9 22.9 34.3

Manual Integrations

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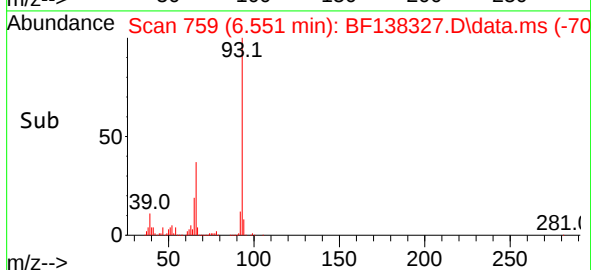
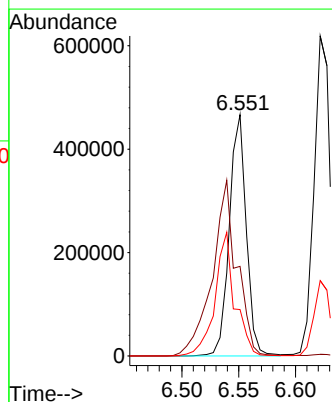
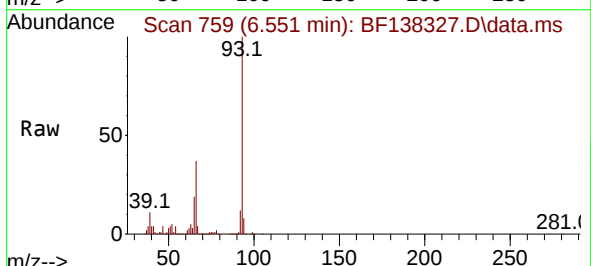
Reviewed By :Yogesh Patel 06/26/2024

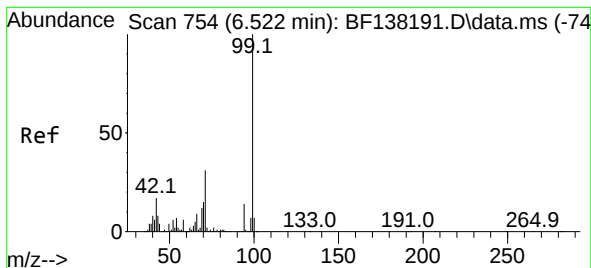
Supervised By :mohammad ahmed 06/27/2024



#6
Aniline
Concen: 29.040 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion: 93 Resp: 484977
Ion Ratio Lower Upper
93 100
66 37.2 30.8 46.2
65 19.2 15.5 23.3





#7

Phenol-d6

Concen: 113.353 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

Tgt Ion: 99 Resp: 193471

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

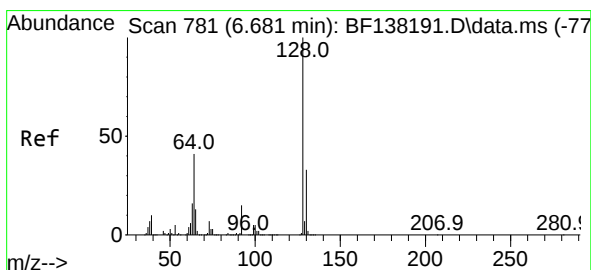
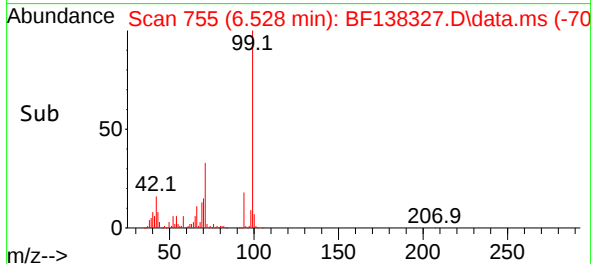
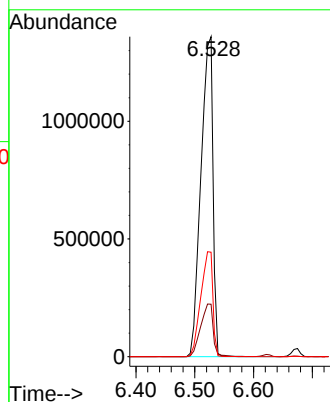
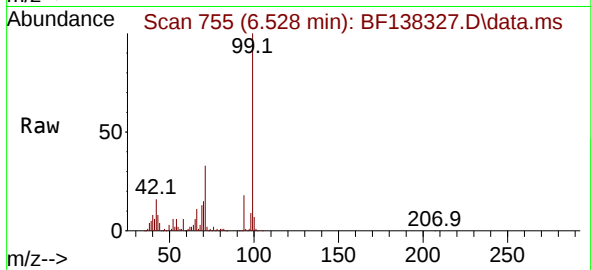
71 32.7 25.0 37.6

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#8

2-Chlorophenol

Concen: 45.017 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

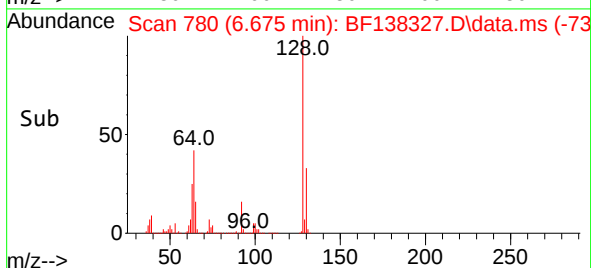
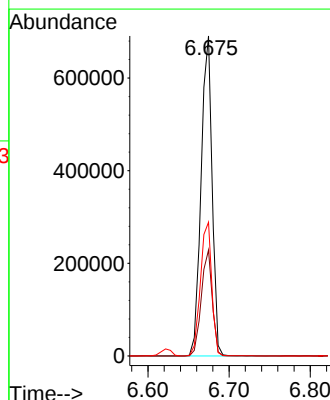
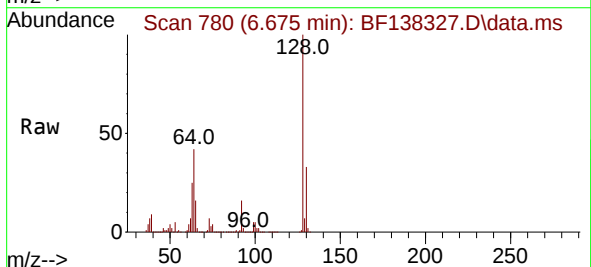
Tgt Ion:128 Resp: 655091

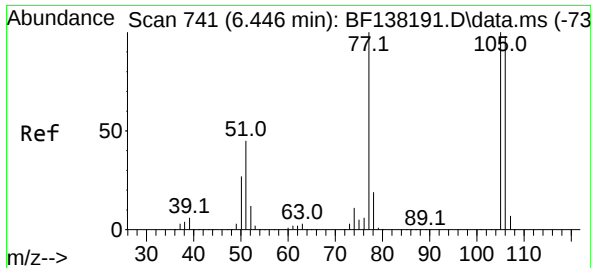
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

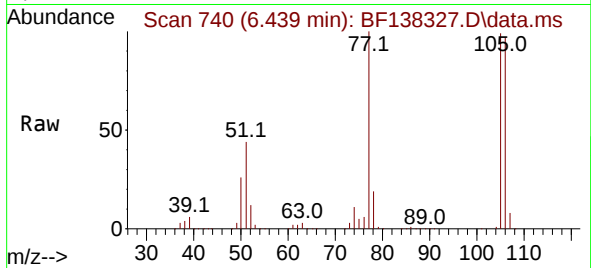
64 41.8 21.8 61.8





#9
Benzaldehyde
Concen: 68.349 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.007 min
Lab File: BF138327.D
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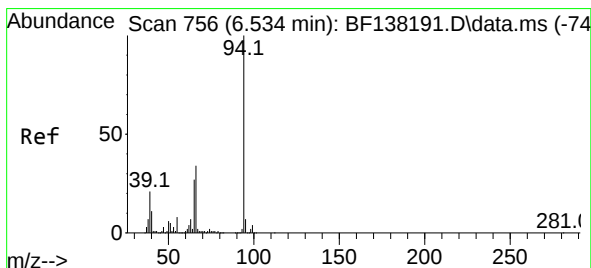
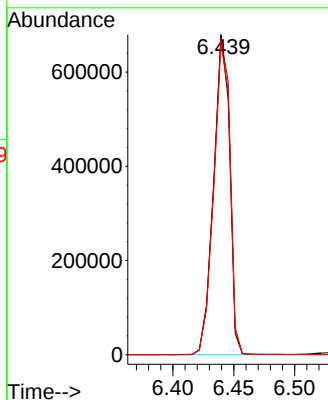
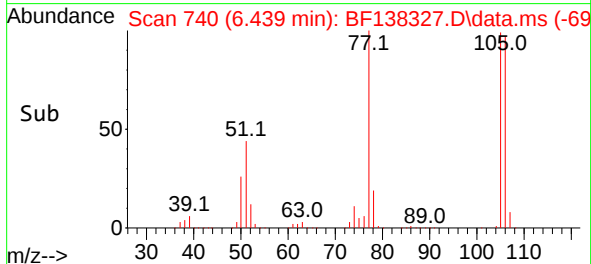
Instrument :
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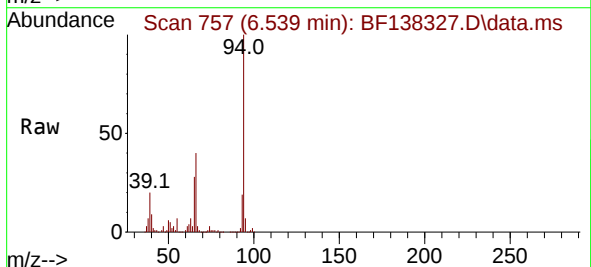
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Ion Ratio Lower Upper
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105 99.1 80.1 120.1
106 97.1 77.8 117.8

Manual Integrations
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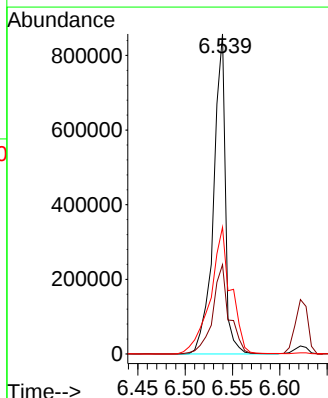
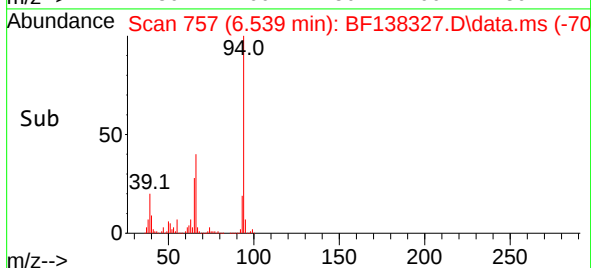
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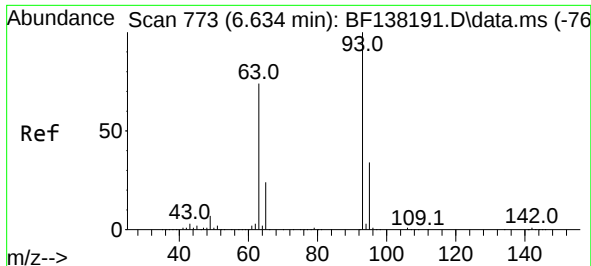


#10
Phenol
Concen: 43.335 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion: 94 Resp: 750616
Ion Ratio Lower Upper
94 100
65 27.9 6.8 46.8
66 39.6 14.2 54.2





#11

bis(2-Chloroethyl)ether

Concen: 42.475 ng

RT: 6.622 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

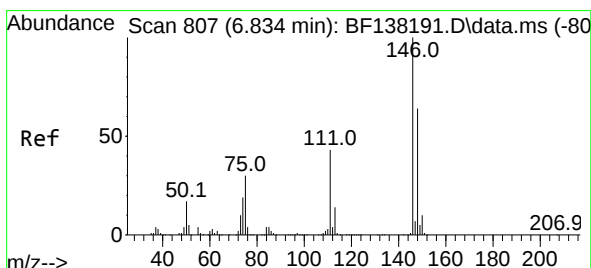
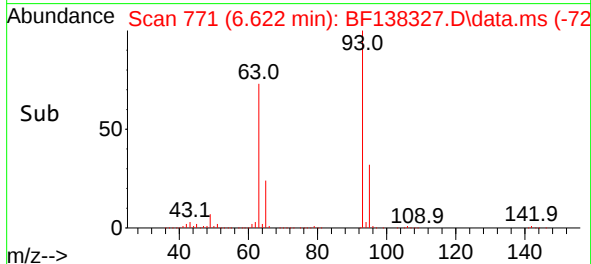
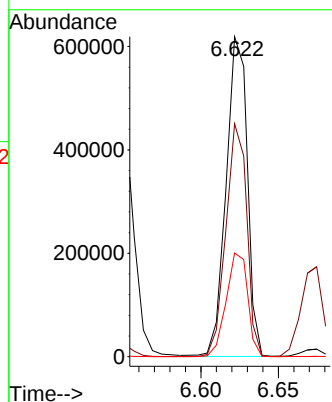
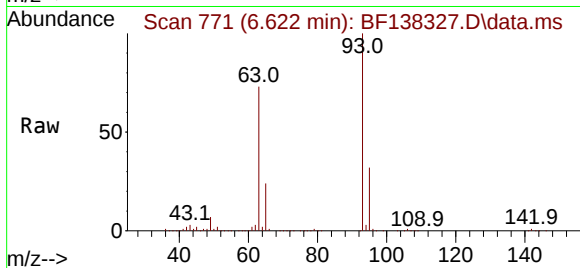
Tgt Ion:	93	Resp:	58882
Ion Ratio	Lower	Upper	
93	100		
63	72.8	52.5	92.5
95	32.4	13.2	53.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#12

1,3-Dichlorobenzene

Concen: 40.859 ng

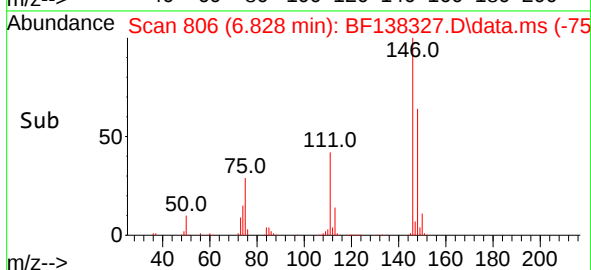
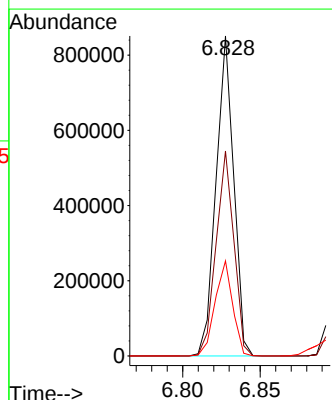
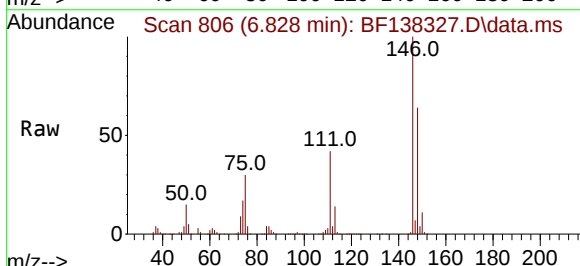
RT: 6.828 min Scan# 806

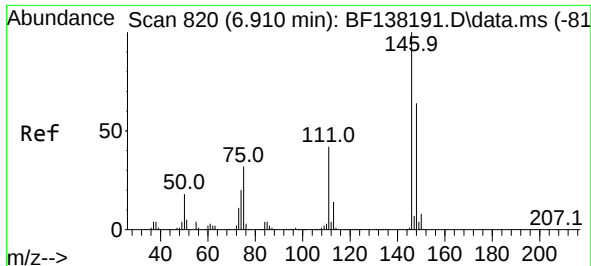
Delta R.T. -0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

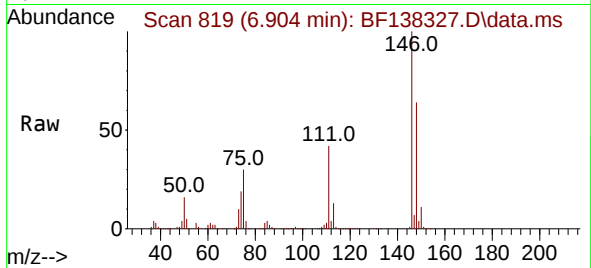
Tgt Ion:	146	Resp:	675731
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
75	29.7	24.3	36.5





#13
1,4-Dichlorobenzene
Concen: 40.870 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

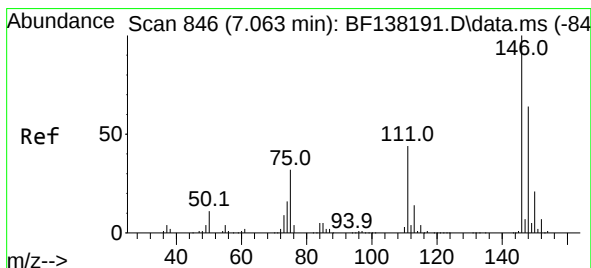
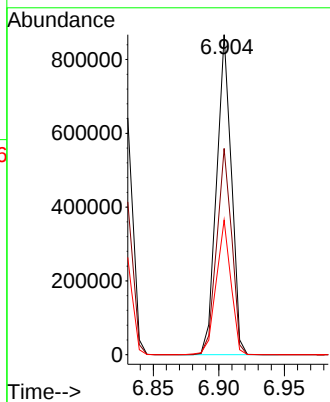
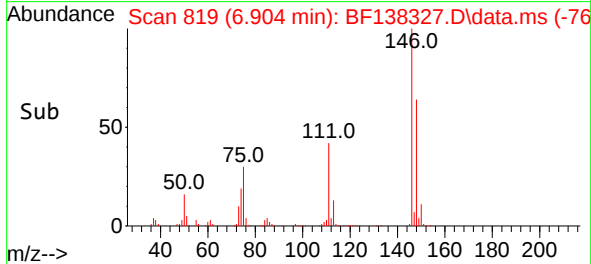
Instrument :
BNA_F
ClientSampleId :
PB161675BS



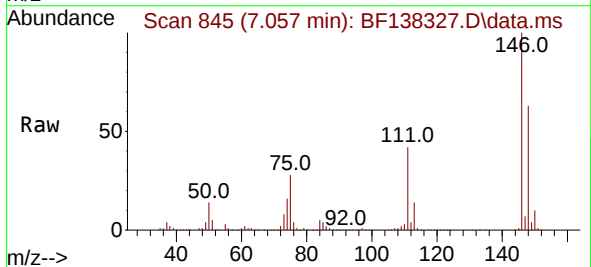
Tgt Ion:146 Resp: 680200
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 42.0 33.7 50.5

Manual Integrations
APPROVED

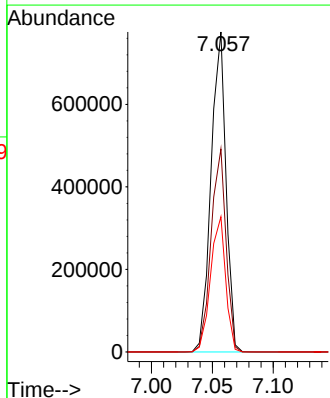
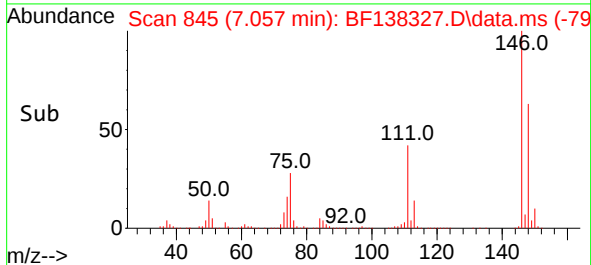
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#14
1,2-Dichlorobenzene
Concen: 42.416 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:146 Resp: 662708
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 42.2 35.4 53.2





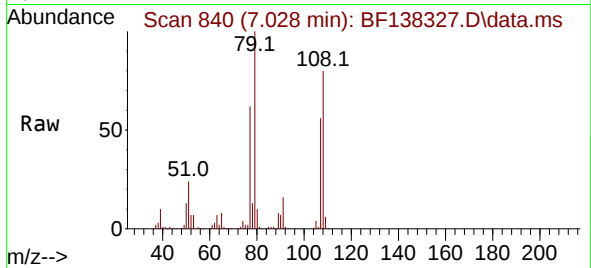
#15
Benzyl Alcohol
Concen: 45.789 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

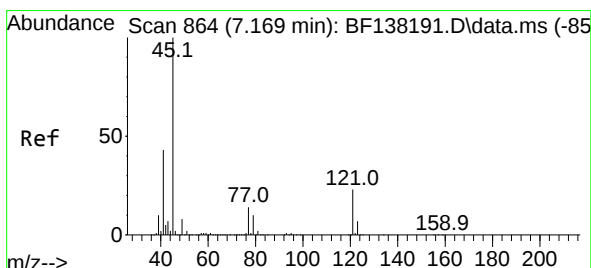
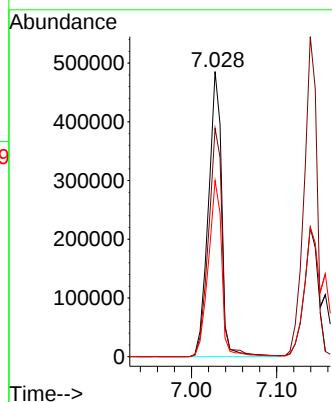
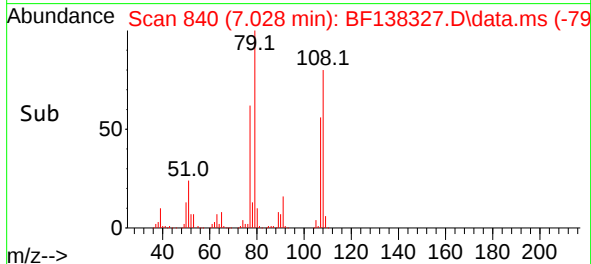


Tgt Ion: 79 Resp: 526950
Ion Ratio Lower Upper
79 100
108 80.1 65.9 98.9
77 61.8 50.3 75.5

Manual Integrations

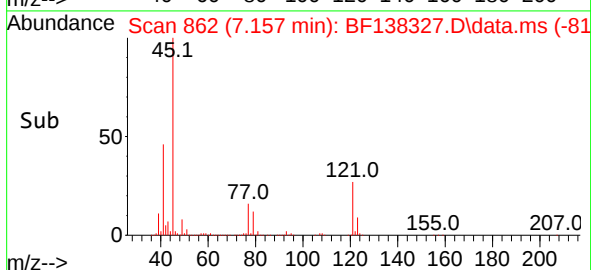
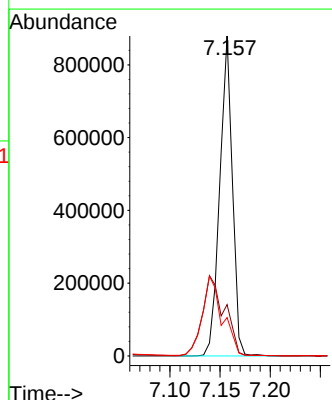
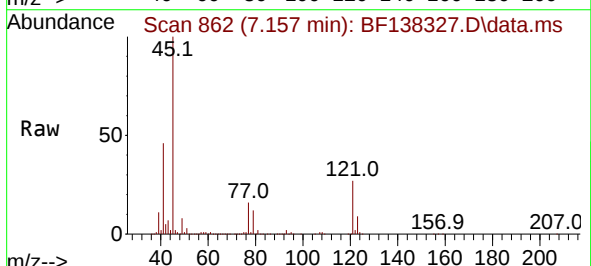
APPROVED

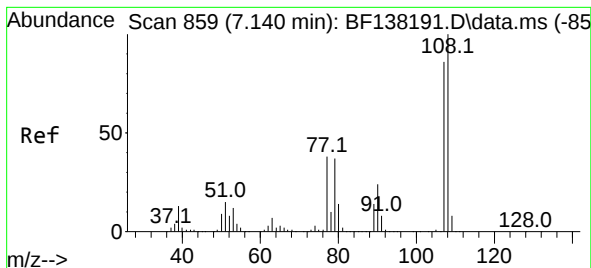
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.290 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion: 45 Resp: 768713
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.9
79 12.0 0.0 30.7





#17

2-Methylphenol

Concen: 44.102 ng

RT: 7.139 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

Tgt Ion:107 Resp: 50635

Ion Ratio Lower Upper

107 100

108 113.2 92.7 139.1

77 45.8 35.7 53.5

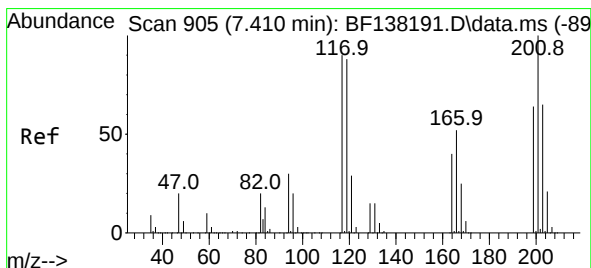
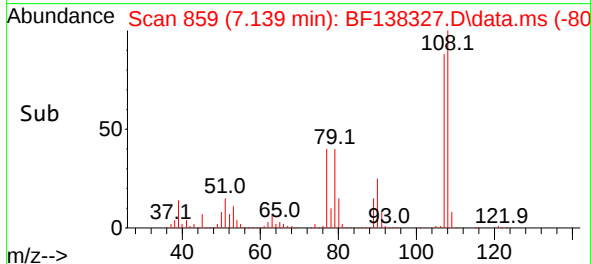
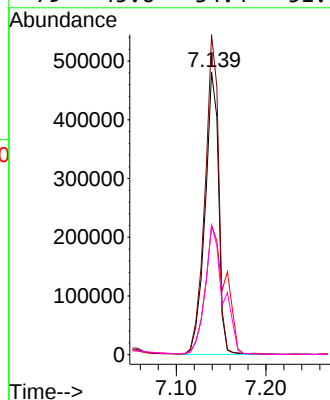
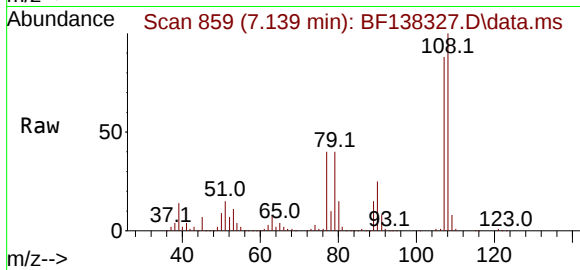
79 45.6 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#18

Hexachloroethane

Concen: 43.899 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

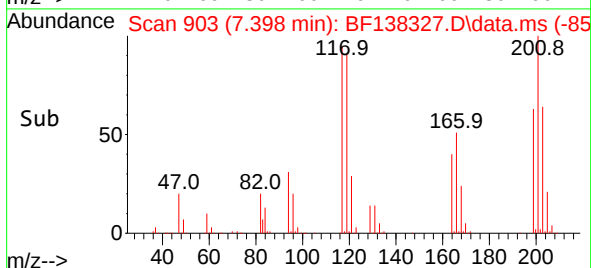
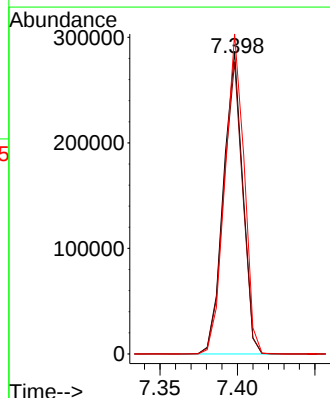
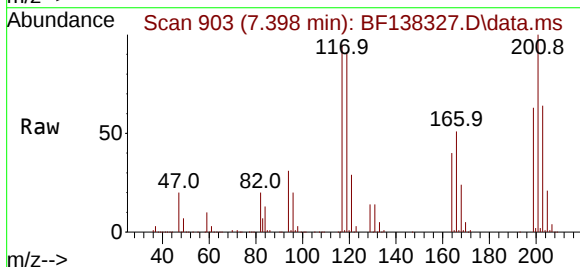
Tgt Ion:117 Resp: 247520

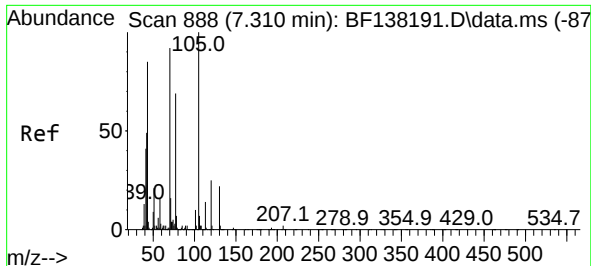
Ion Ratio Lower Upper

117 100

119 96.6 78.4 117.6

201 105.8 89.0 133.6





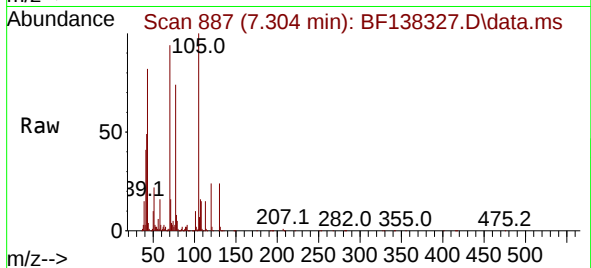
#19
n-Nitroso-di-n-propylamine
Concen: 41.783 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

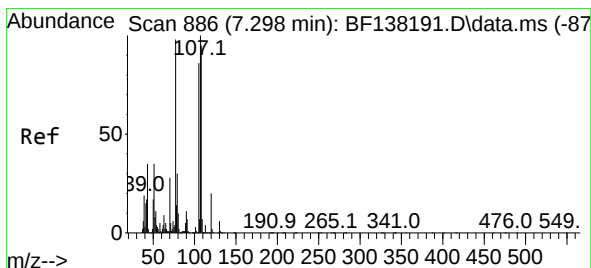
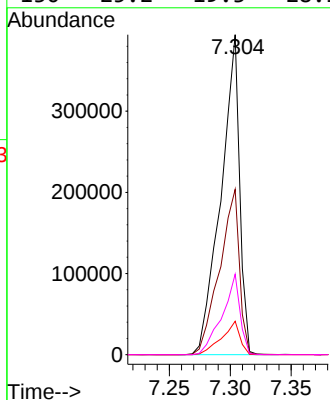
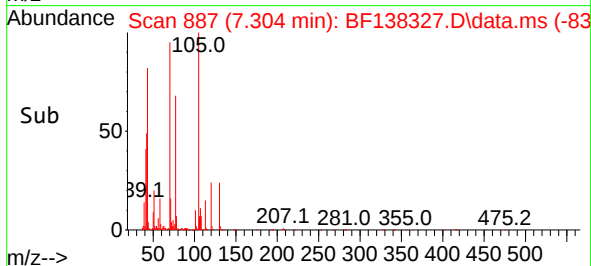
PB161675BS



Tgt Ion: 70 Resp: 42272
Ion Ratio Lower Upper
70 100
42 51.6 42.8 64.2
101 10.5 8.4 12.6
130 25.2 19.3 28.9

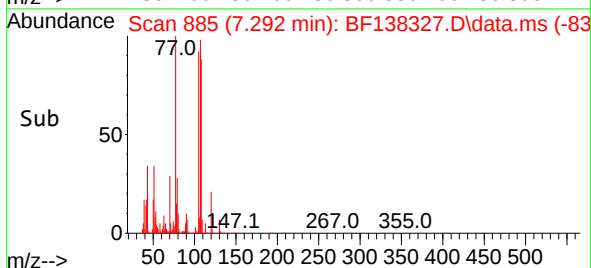
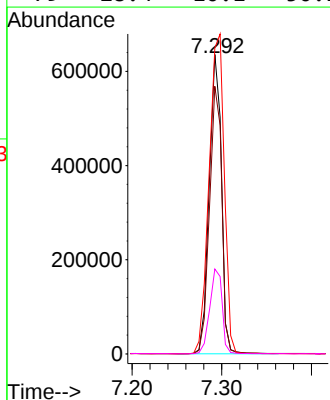
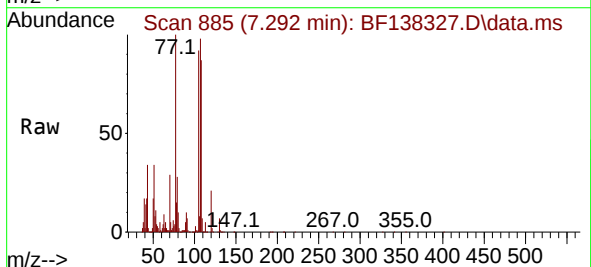
Manual Integrations
APPROVED

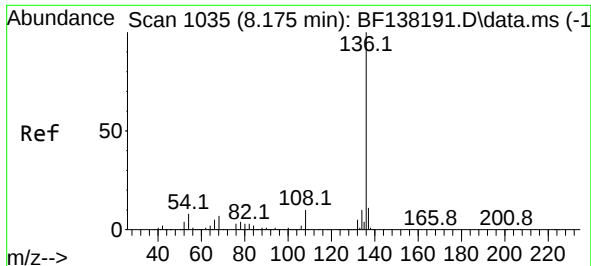
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
3+4-Methylphenols
Concen: 41.550 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:107 Resp: 600447
Ion Ratio Lower Upper
107 100
108 89.4 74.9 114.9
77 102.1 78.2 118.2
79 28.4 10.1 50.1





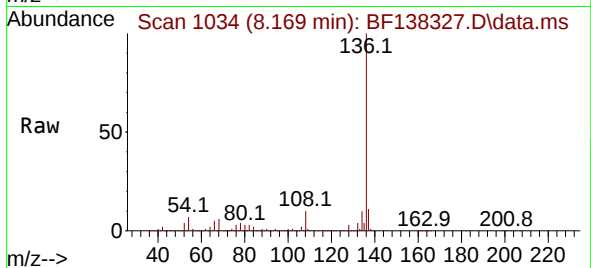
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

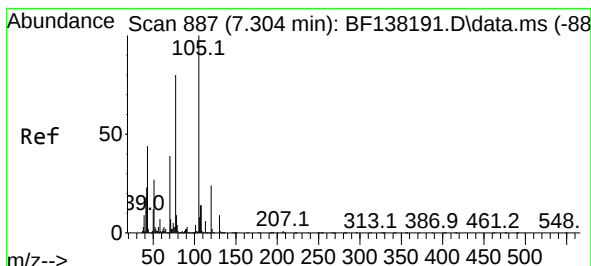
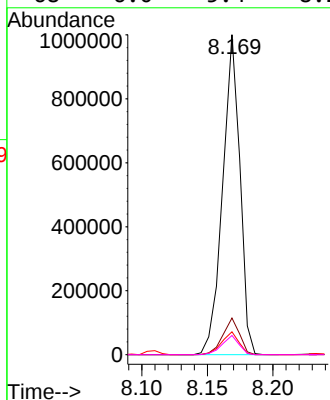
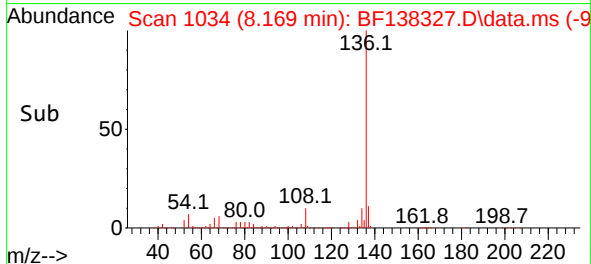


Tgt Ion:136 Resp: 915128
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.2 6.6 10.0
68 6.0 5.4 8.2

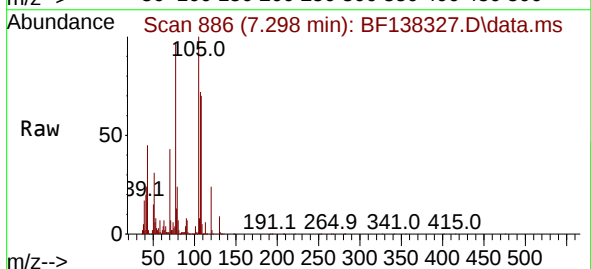
Manual Integrations

APPROVED

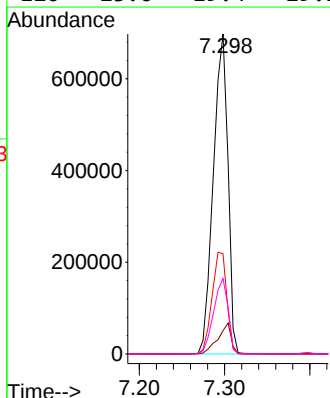
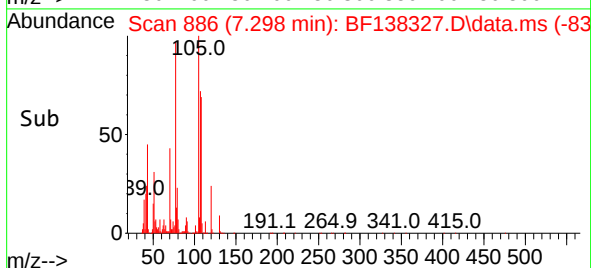
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

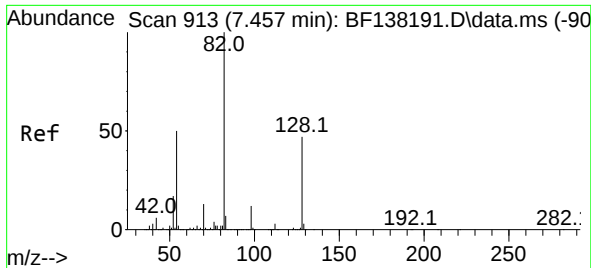


#22
Acetophenone
Concen: 39.614 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



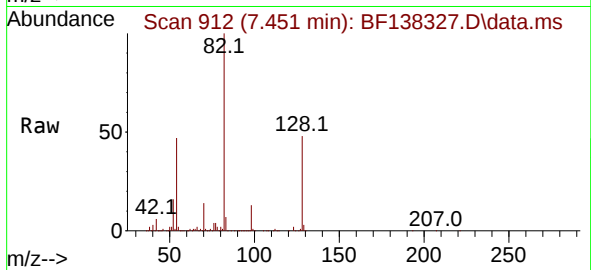
Tgt Ion:105 Resp: 828137
Ion Ratio Lower Upper
105 100
71 7.3 5.4 8.2
51 31.3 21.4 32.0
120 23.6 19.4 29.2





#23
Nitrobenzene-d5
Concen: 80.000 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

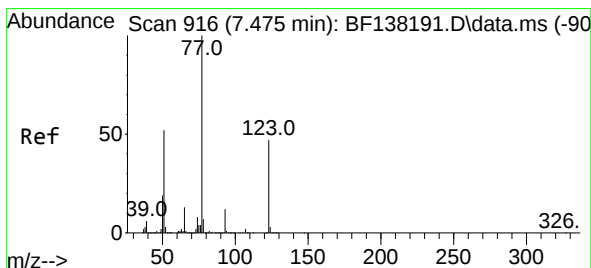
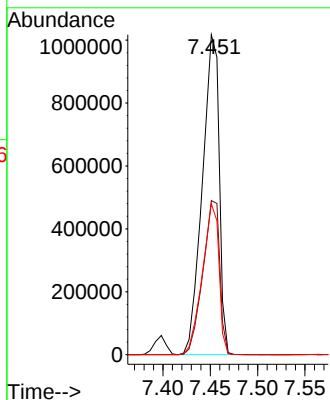
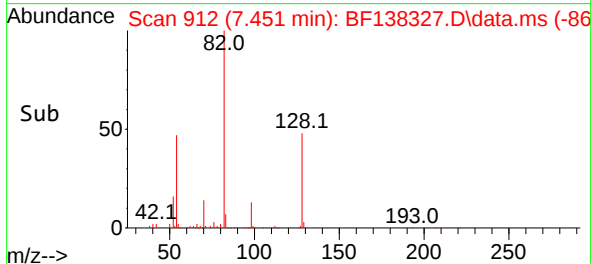
Instrument :
BNA_F
ClientSampleId :
PB161675BS



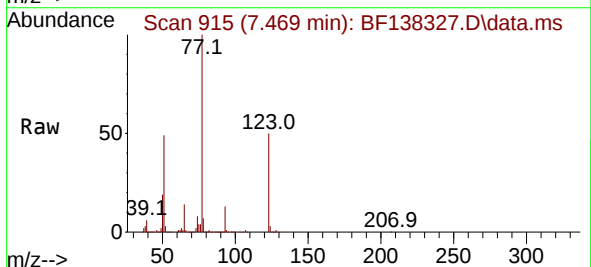
Tgt Ion: 82 Resp: 125755
Ion Ratio Lower Upper
82 100
128 48.1 37.2 55.8
54 47.1 39.8 59.6

Manual Integrations
APPROVED

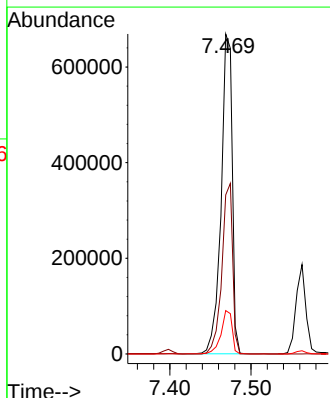
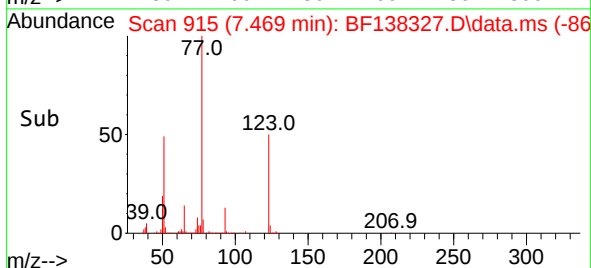
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Nitrobenzene
Concen: 39.379 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion: 77 Resp: 639783
Ion Ratio Lower Upper
77 100
123 49.7 37.3 55.9
65 13.6 10.6 15.8





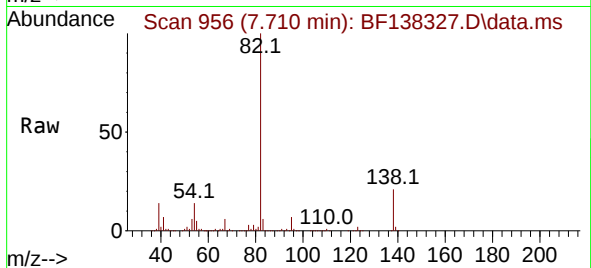
#25
Isophorone
Concen: 41.953 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

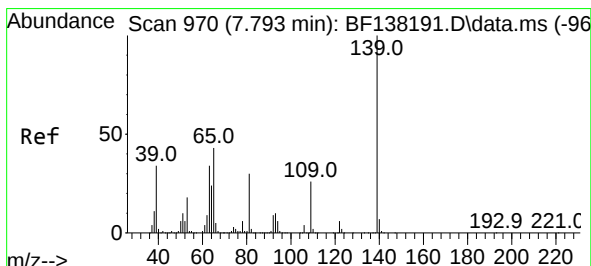
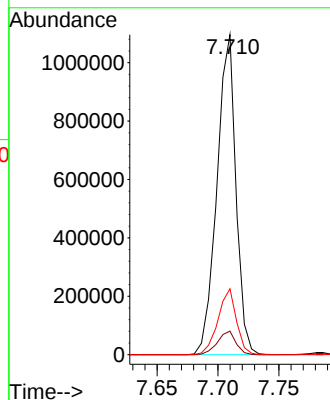
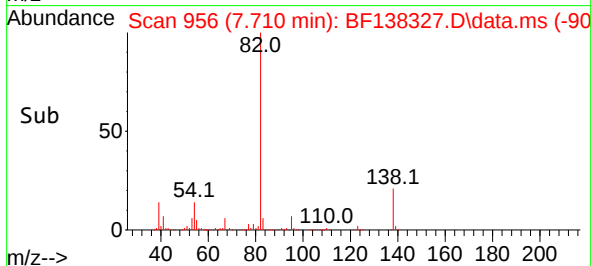


Tgt Ion: 82 Resp: 119287
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 20.6 16.4 24.6

Manual Integrations

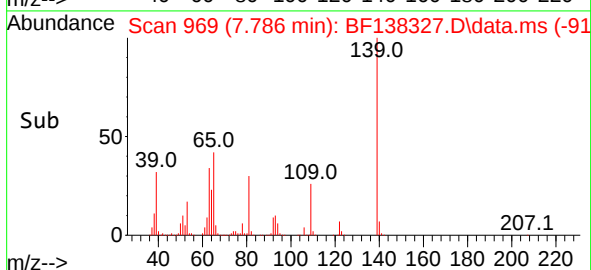
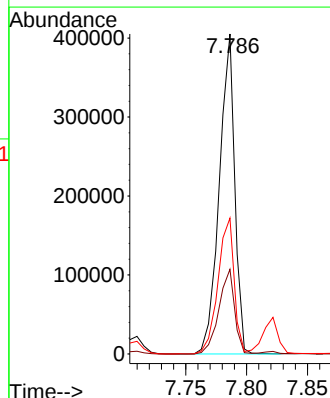
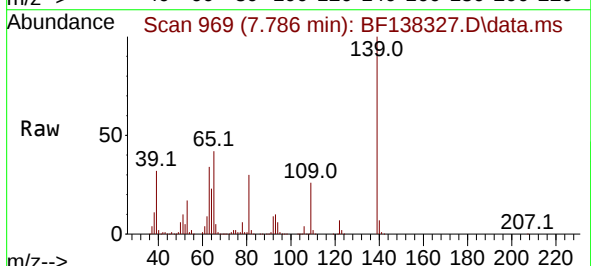
APPROVED

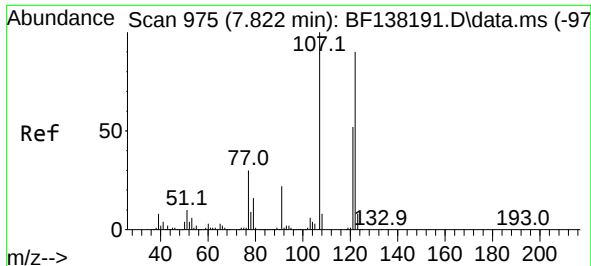
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 54.987 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:139 Resp: 359229
Ion Ratio Lower Upper
139 100
109 26.5 20.7 31.1
65 42.5 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 45.678 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138327.D

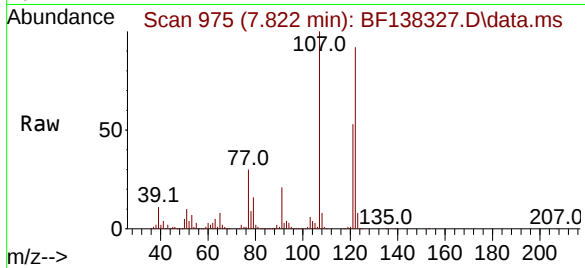
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



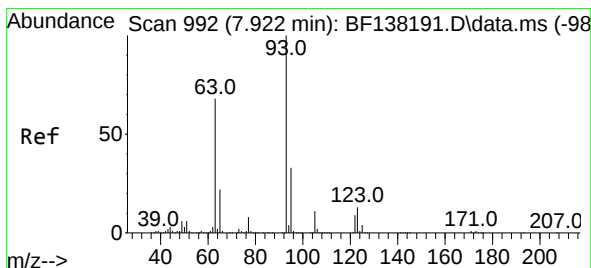
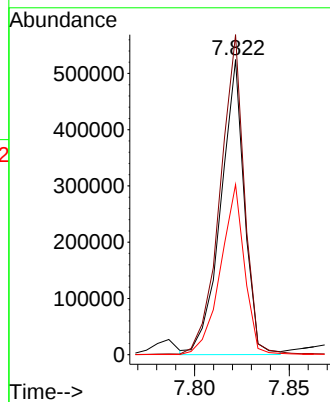
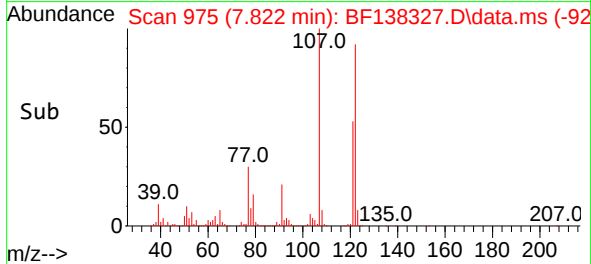
Tgt Ion:	122	Resp:	454004
Ion	Ratio	Lower	Upper
122	100		
107	108.4	87.7	131.5
121	57.6	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.088 ng

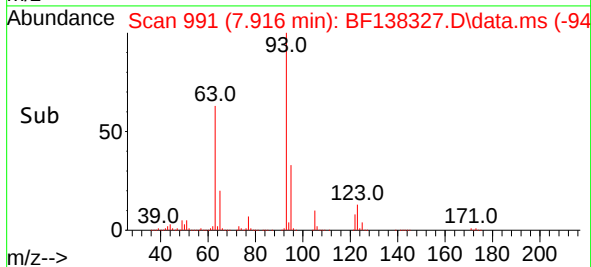
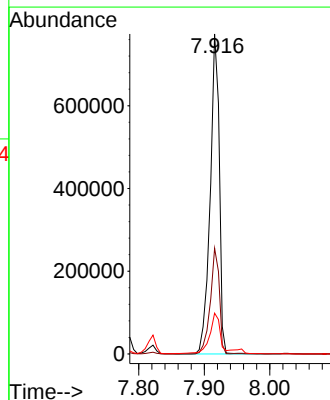
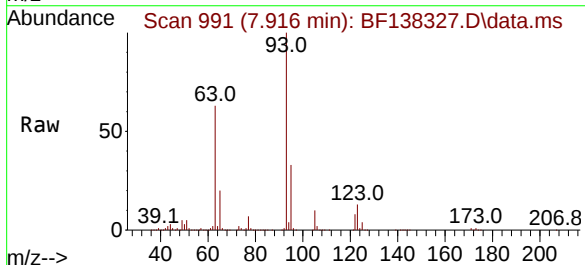
RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Tgt Ion:	93	Resp:	749111
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.7	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 43.094 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

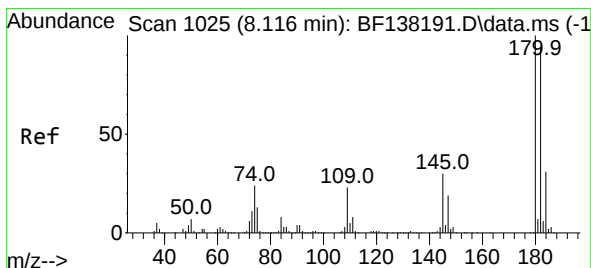
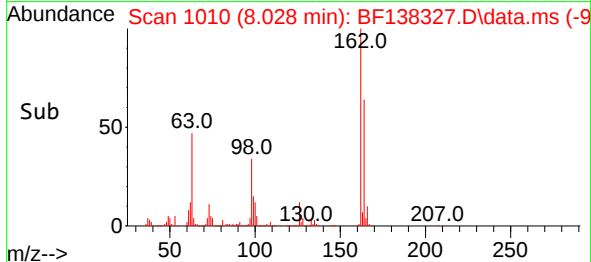
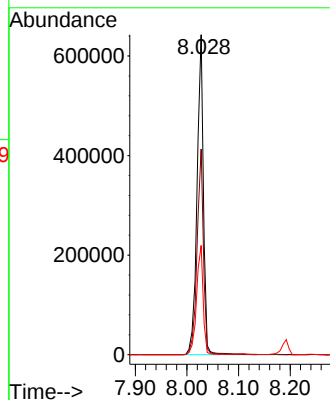
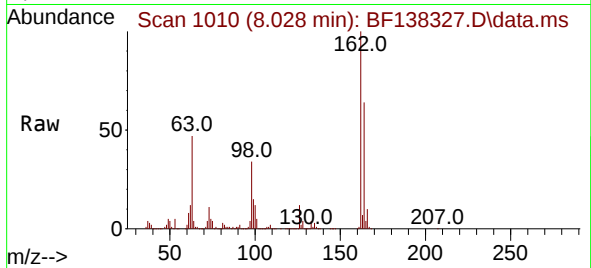
Tgt Ion:162 Resp: 551439
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.3 84.3
 98 34.2 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.578 ng

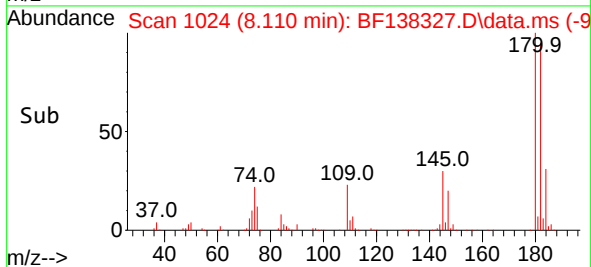
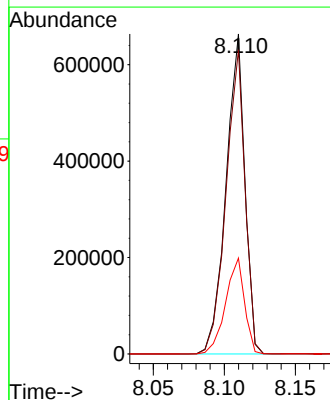
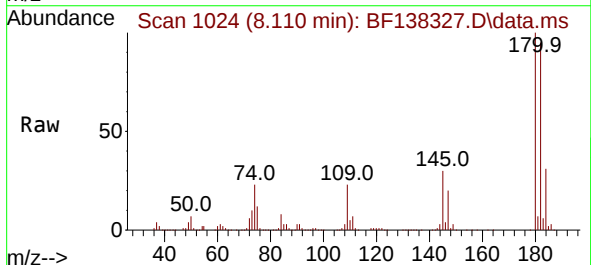
RT: 8.110 min Scan# 1024

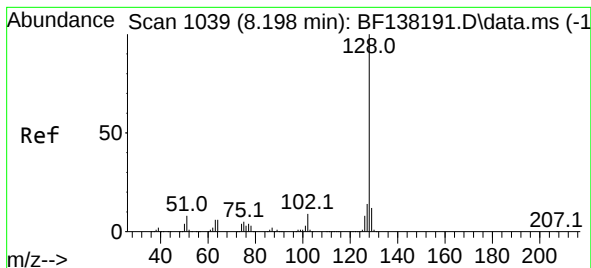
Delta R.T. -0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Tgt Ion:180 Resp: 612363
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.0 112.6
 145 30.0 23.8 35.6





#31
Naphthalene
Concen: 40.454 ng
RT: 8.192 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

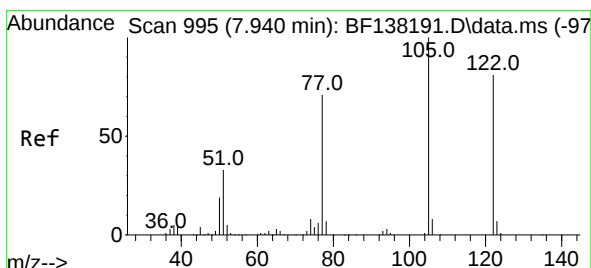
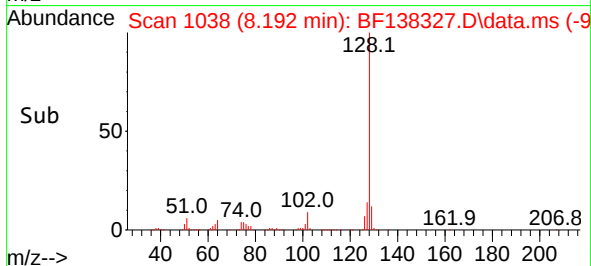
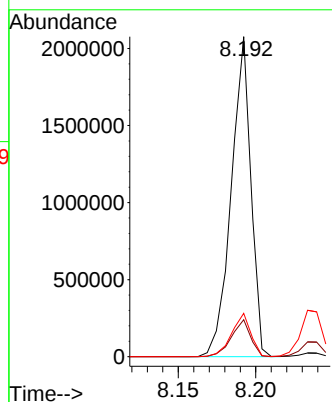
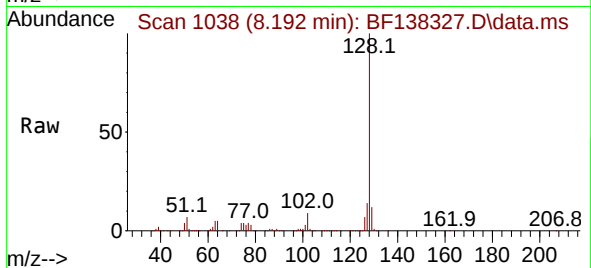
ClientSampleId :

PB161675BS

Tgt Ion:128 Resp: 183056
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.6 11.0 16.6

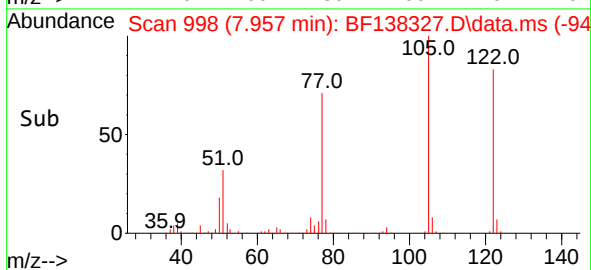
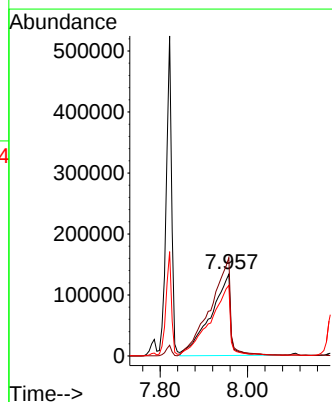
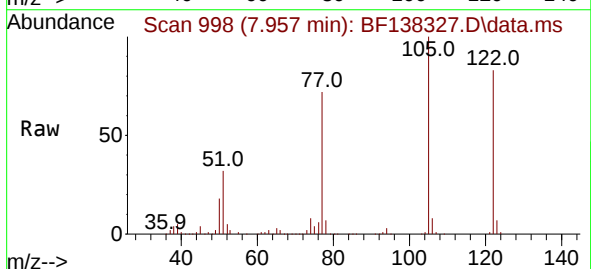
Manual Integrations
APPROVED

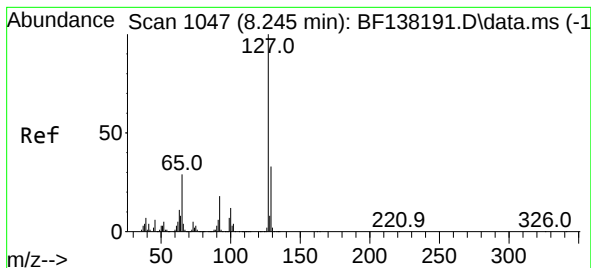
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#32
Benzoic acid
Concen: 48.622 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.017 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:122 Resp: 425930
Ion Ratio Lower Upper
122 100
105 120.2 100.1 140.1
77 86.3 66.5 106.5





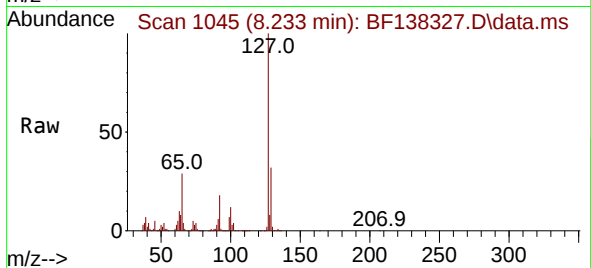
#33
4-Chloroaniline
Concen: 19.917 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

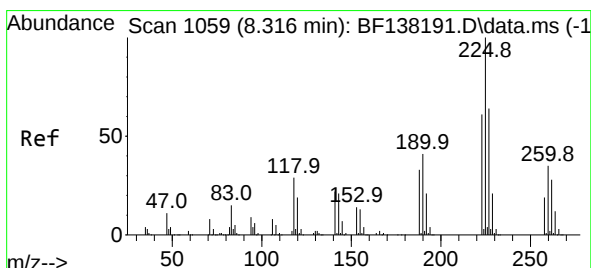
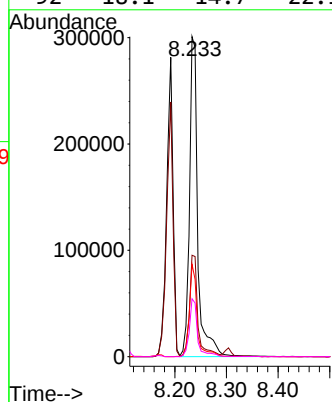
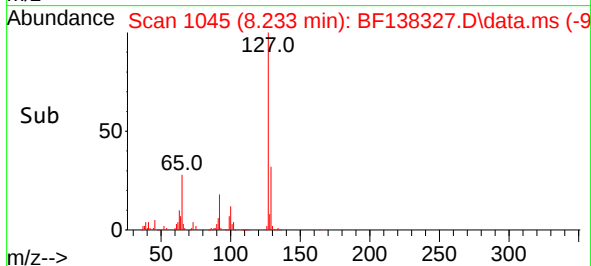


Tgt Ion:127 Resp: 336849
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1
65 28.9 23.6 35.4
92 18.1 14.7 22.1

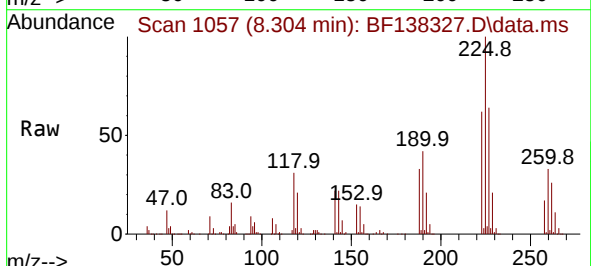
Manual Integrations

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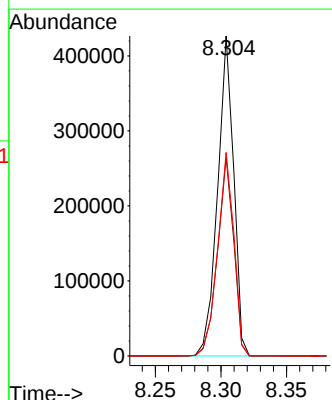
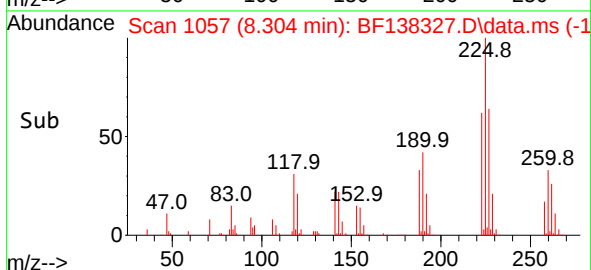
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

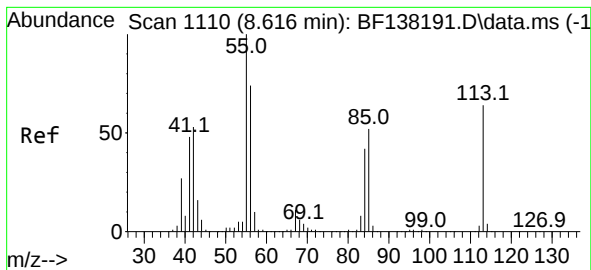


#34
Hexachlorobutadiene
Concen: 41.143 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:225 Resp: 363122
Ion Ratio Lower Upper
225 100
223 62.0 49.0 73.6
227 63.6 51.2 76.8





#35

Caprolactam

Concen: 46.730 ng m

RT: 8.616 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

Tgt Ion:113 Resp: 180520

Ion Ratio Lower Upper

113 100

55 148.0 135.4 175.4

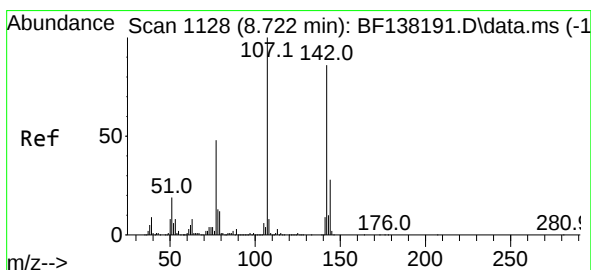
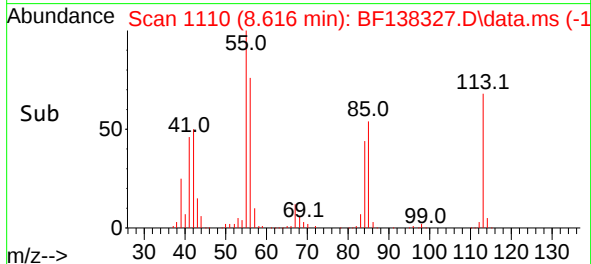
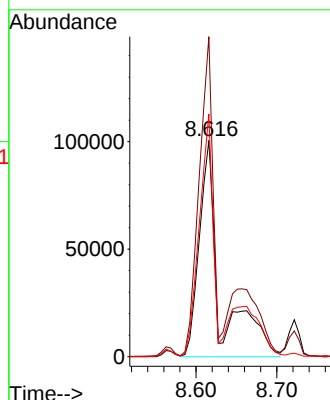
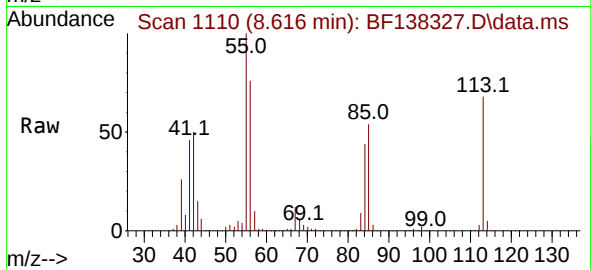
56 112.2 95.5 135.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#36

4-Chloro-3-methylphenol

Concen: 44.694 ng

RT: 8.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

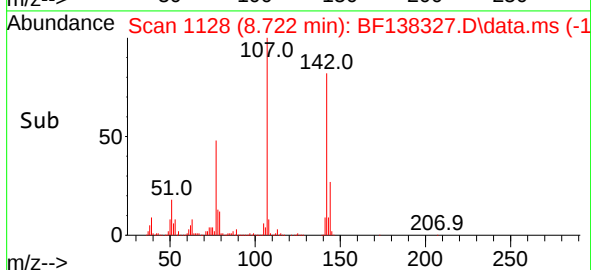
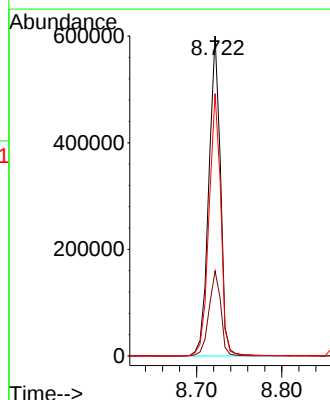
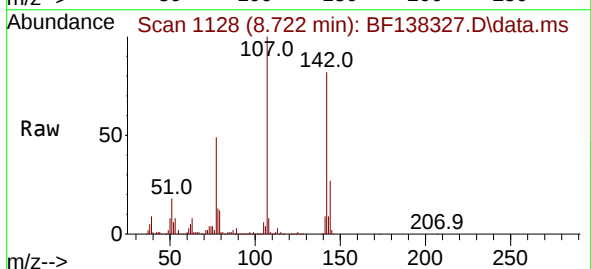
Tgt Ion:107 Resp: 569440

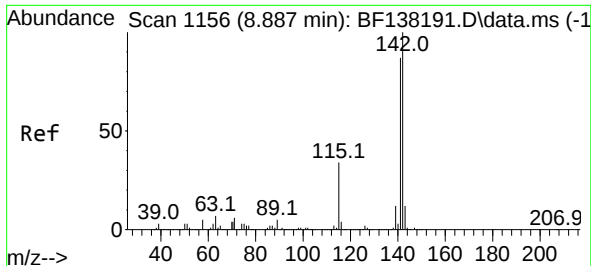
Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

142 82.0 69.0 103.4





#37

2-Methylnaphthalene

Concen: 41.642 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

Tgt Ion:142 Resp: 123668

Ion Ratio Lower Upper

142 100

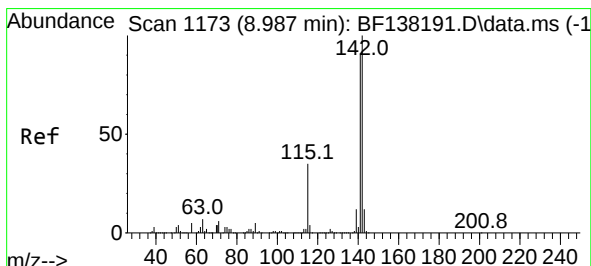
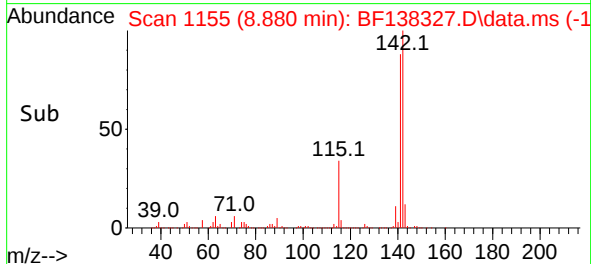
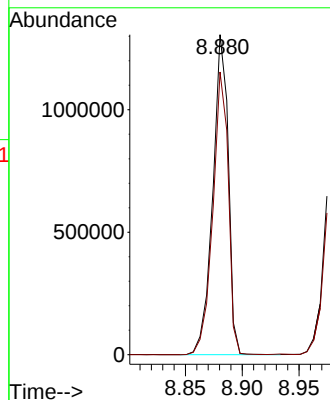
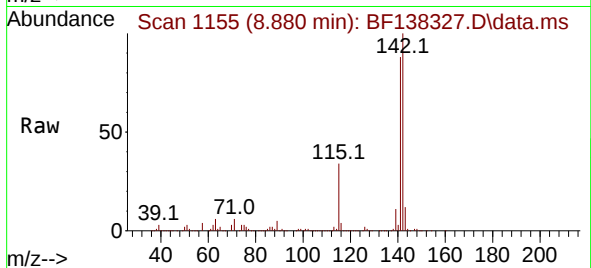
141 88.4 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#38

1-Methylnaphthalene

Concen: 39.501 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138327.D

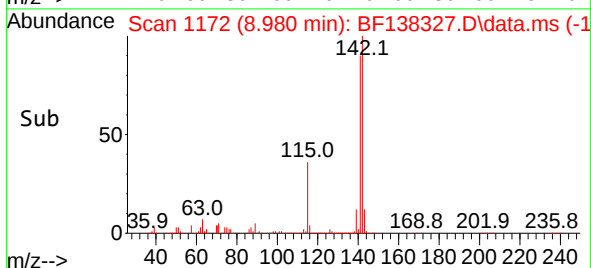
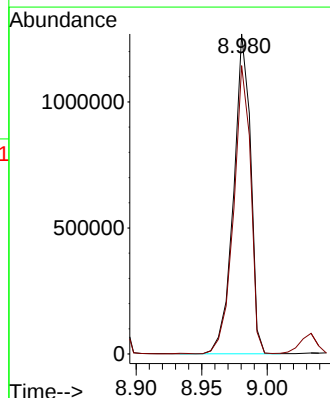
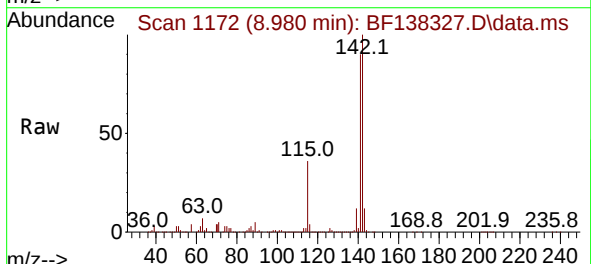
Acq: 25 Jun 2024 11:16

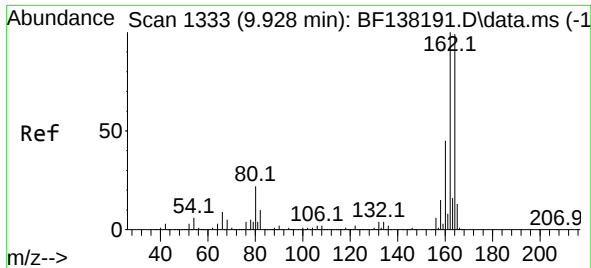
Tgt Ion:142 Resp: 1149572

Ion Ratio Lower Upper

142 100

141 90.1 72.8 109.2





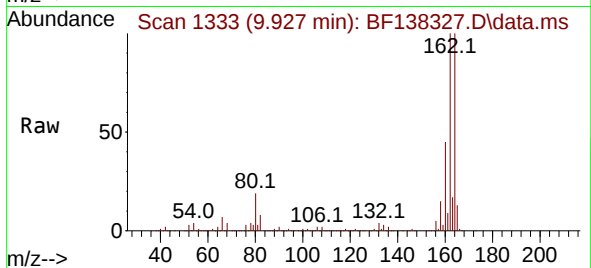
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

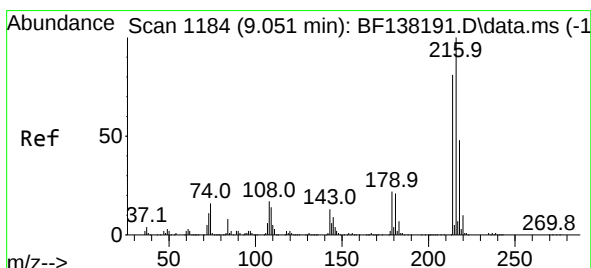
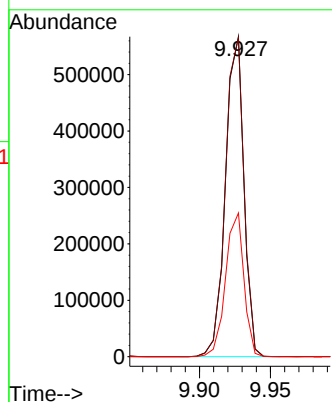
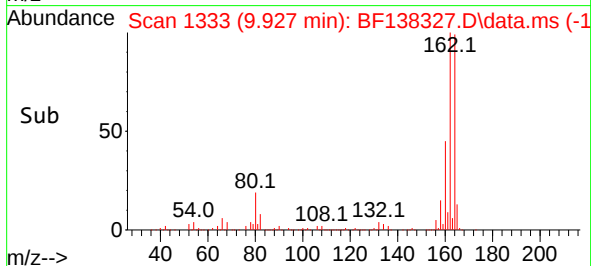


Tgt Ion:164 Resp: 510400
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 44.9 36.3 54.5

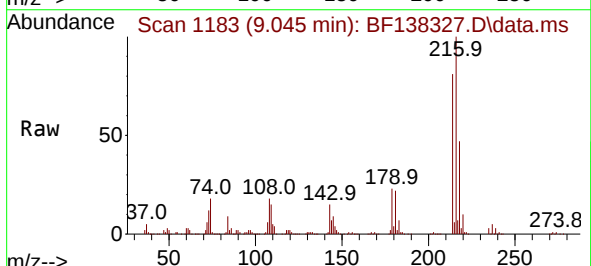
Manual Integrations

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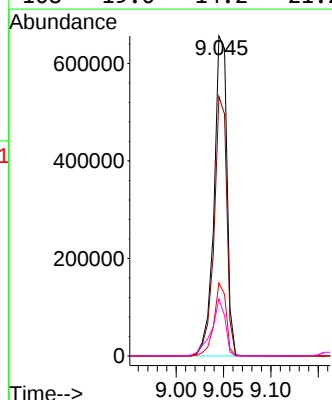
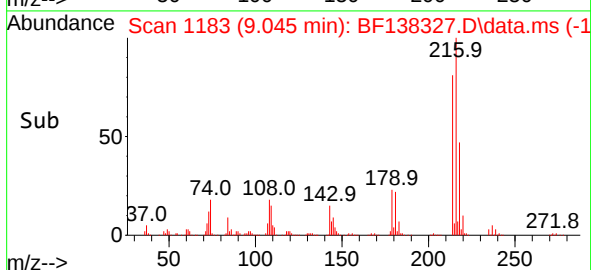
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.581 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



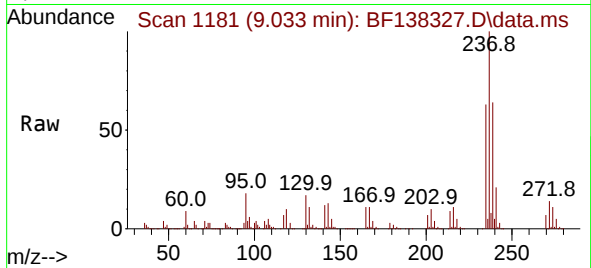
Tgt Ion:216 Resp: 620173
Ion Ratio Lower Upper
216 100
214 80.1 63.7 95.5
179 21.4 16.9 25.3
108 19.0 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 128.498 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

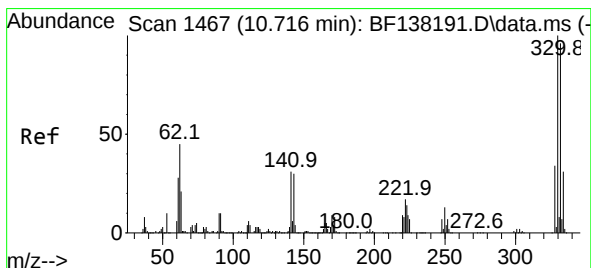
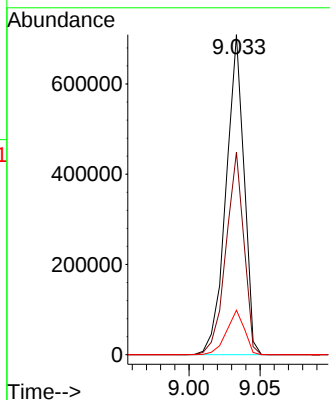
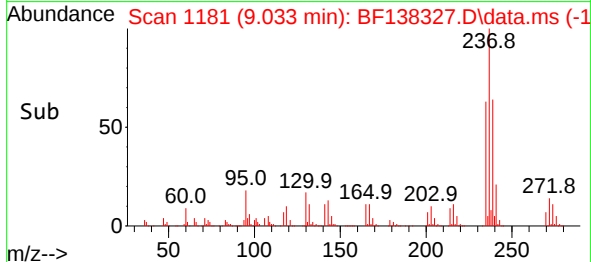
Instrument :
BNA_F
ClientSampleId :
PB161675BS



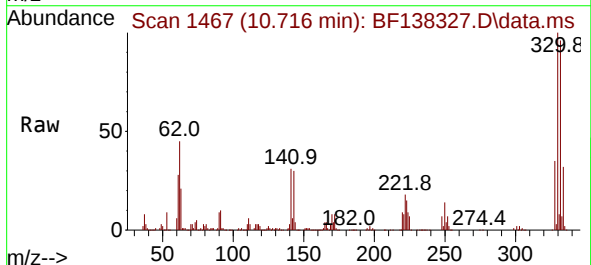
Tgt Ion:237 Resp: 624920
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 13.9 0.0 34.0

Manual Integrations
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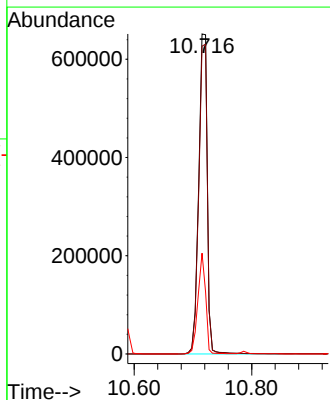
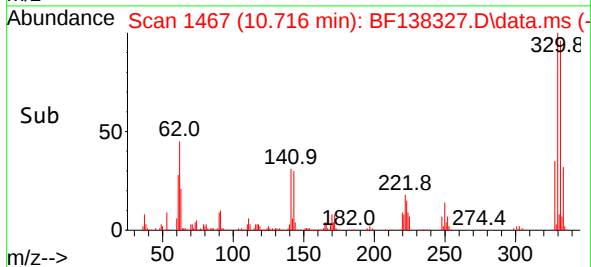
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

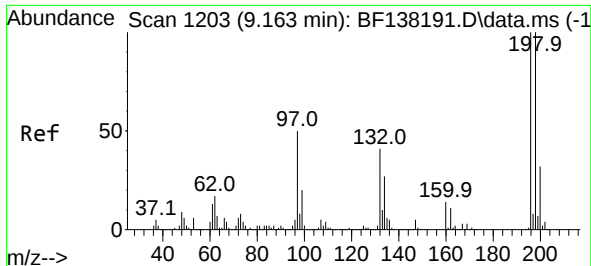


#42
2,4,6-Tribromophenol
Concen: 129.700 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:330 Resp: 659030
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 28.4 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 45.093 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

Tgt Ion:196 Resp: 42112

Ion Ratio Lower Upper

196 100

198 98.5 79.8 119.6

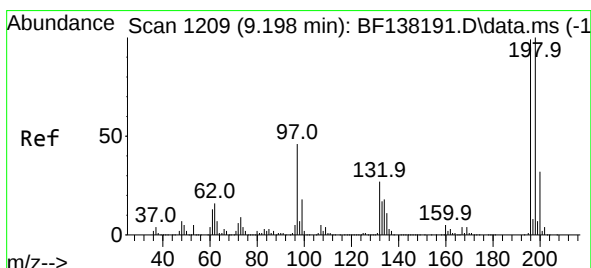
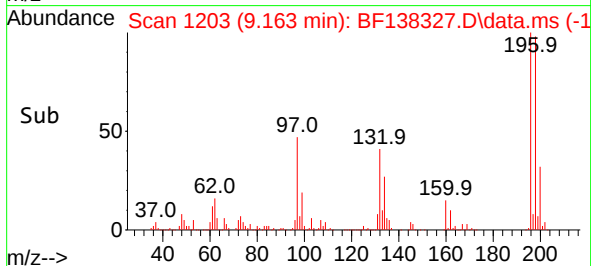
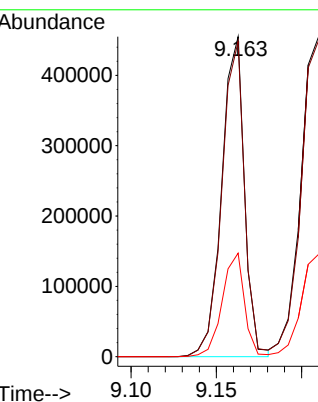
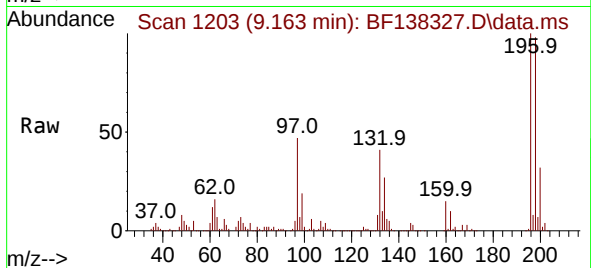
200 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#44

2,4,5-Trichlorophenol

Concen: 42.987 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.012 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Tgt Ion:196 Resp: 440871

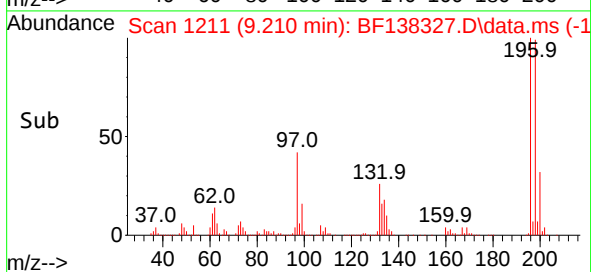
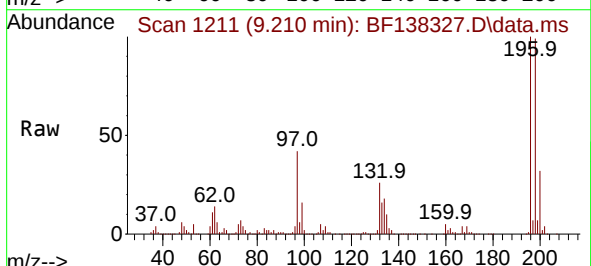
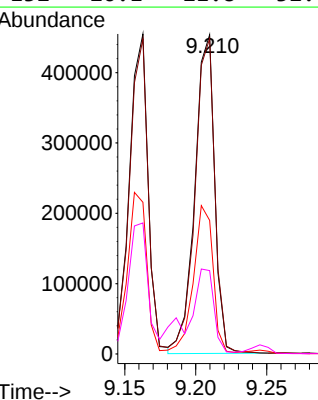
Ion Ratio Lower Upper

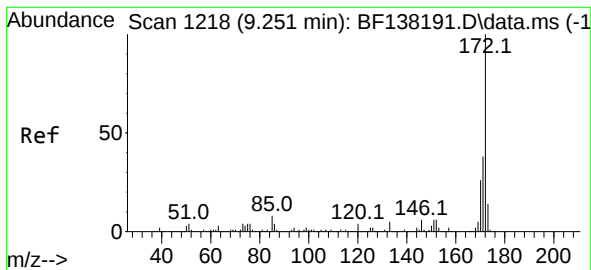
196 100

198 98.8 80.4 120.6

97 41.8 37.4 56.2

132 26.1 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 76.340 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

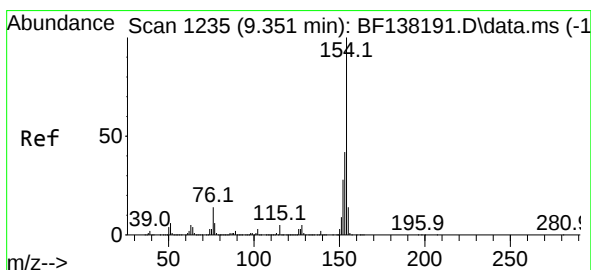
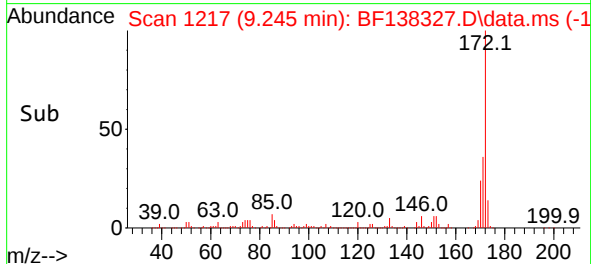
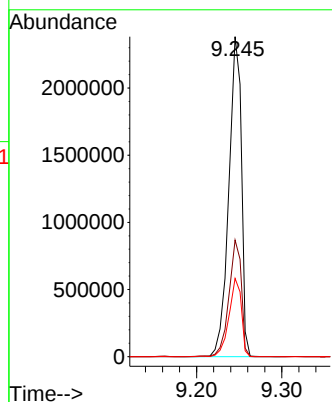
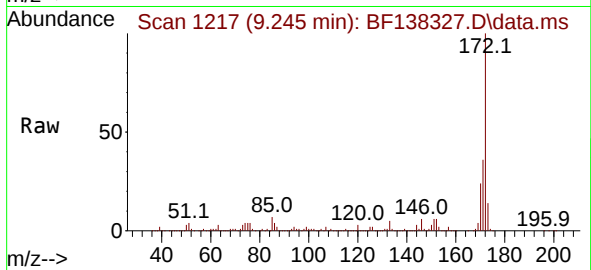
PB161675BS

Tgt Ion:172 Resp: 245036
Ion Ratio Lower Upper
172 100
171 36.5 30.3 45.5
170 24.5 20.6 30.8

Manual Integrations

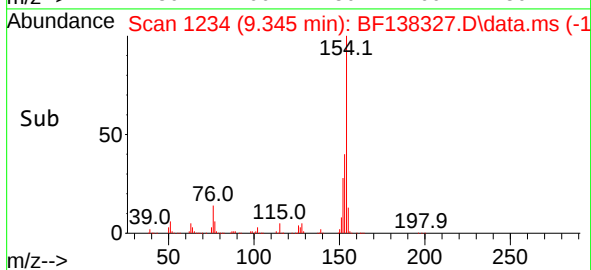
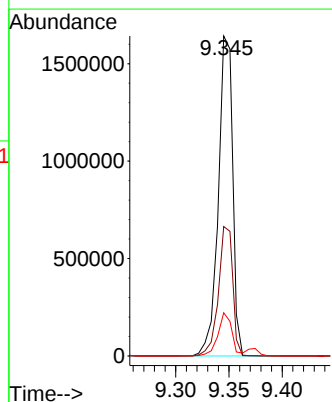
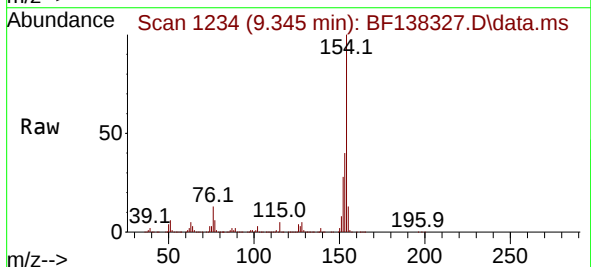
APPROVED

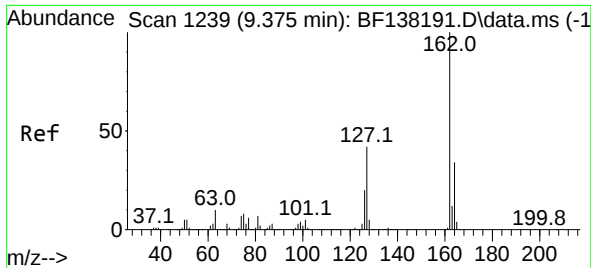
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#46
1,1'-Biphenyl
Concen: 41.101 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:154 Resp: 1539342
Ion Ratio Lower Upper
154 100
153 40.4 22.1 62.1
76 13.5 0.0 34.3





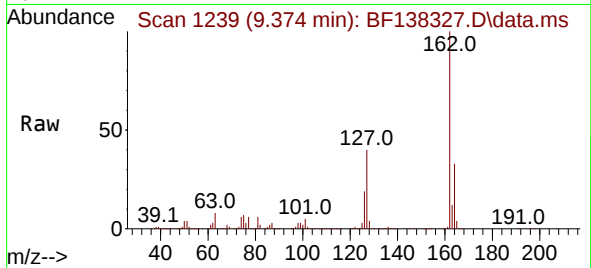
#47
2-Chloronaphthalene
Concen: 40.487 ng
RT: 9.374 min Scan# 1198389
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

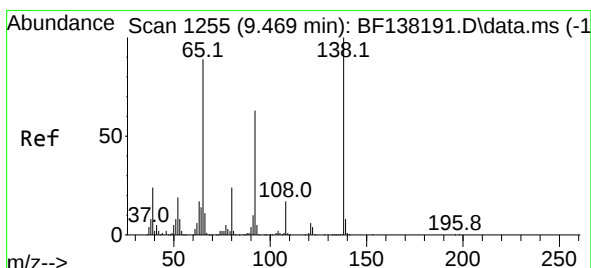
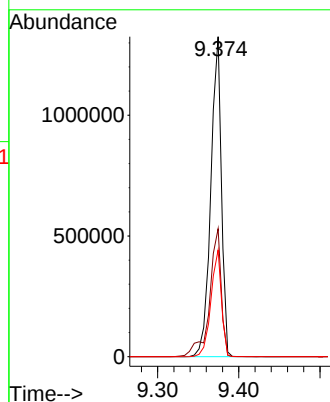
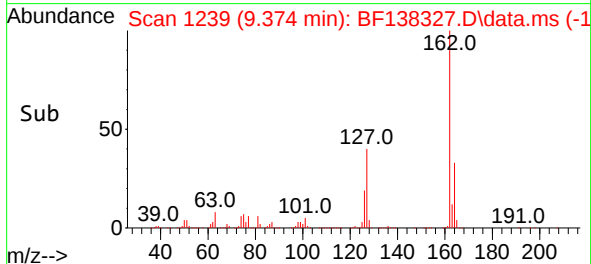


Tgt Ion:162 Resp: 1198389
Ion Ratio Lower Upper
162 100
127 40.0 33.6 50.4
164 33.4 27.2 40.8

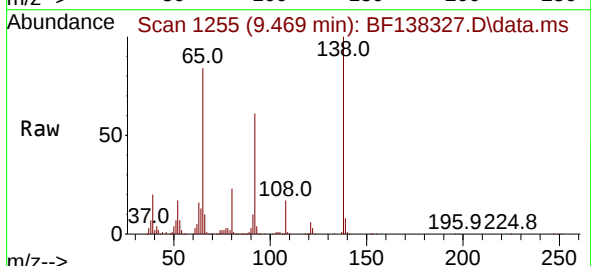
Manual Integrations

APPROVED

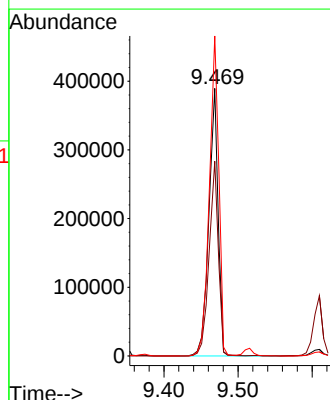
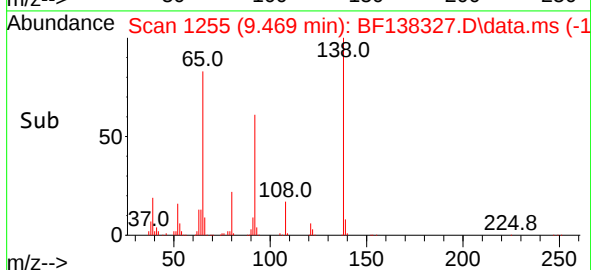
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

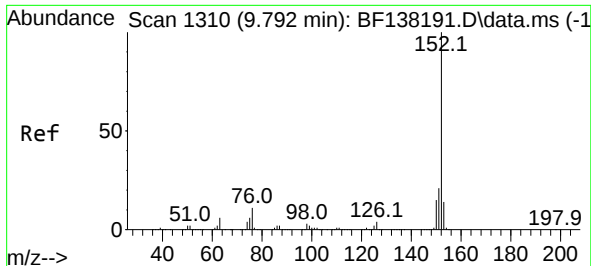


#48
2-Nitroaniline
Concen: 47.817 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion: 65 Resp: 340851
Ion Ratio Lower Upper
65 100
92 72.8 56.6 85.0
138 119.6 90.1 135.1





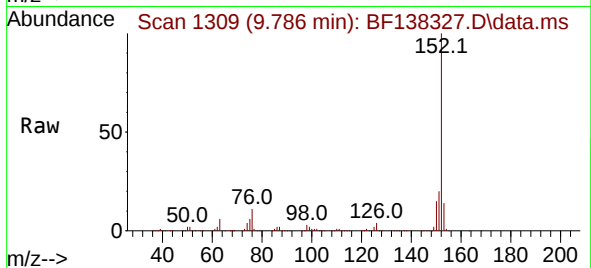
#49
Acenaphthylene
Concen: 44.226 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

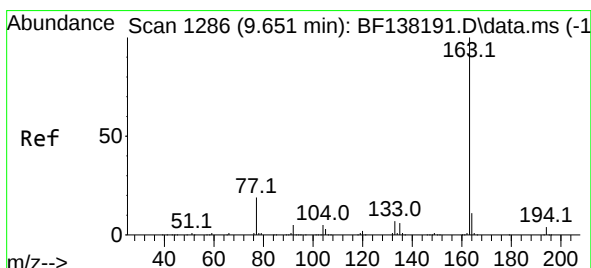
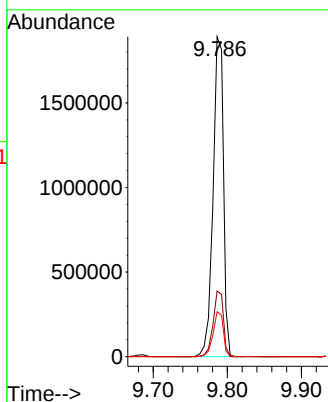
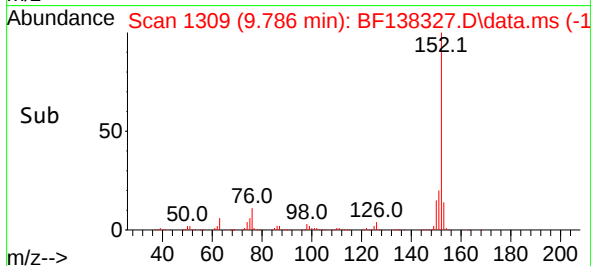
PB161675BS



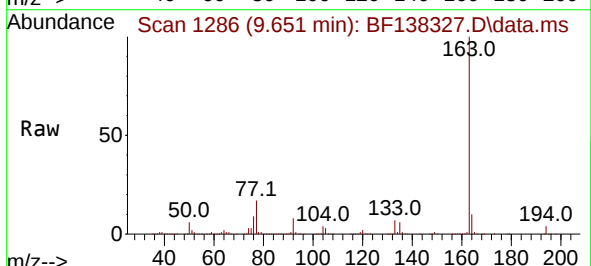
Tgt Ion:152 Resp: 183560
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.1 11.4 17.0

Manual Integrations
APPROVED

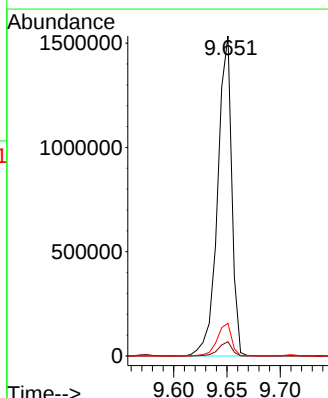
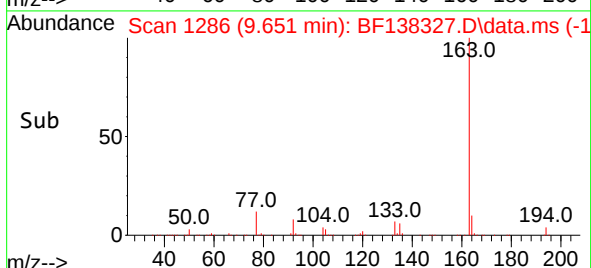
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

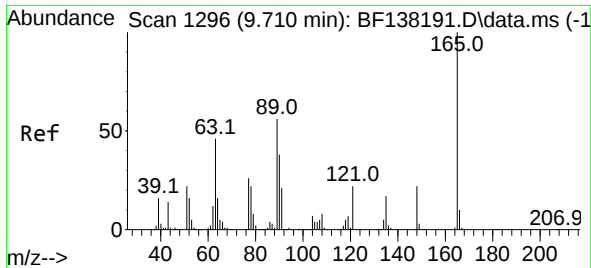


#50
Dimethylphthalate
Concen: 45.222 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:163 Resp: 1414220
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 47.472 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

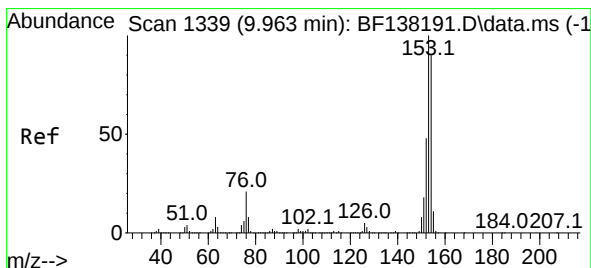
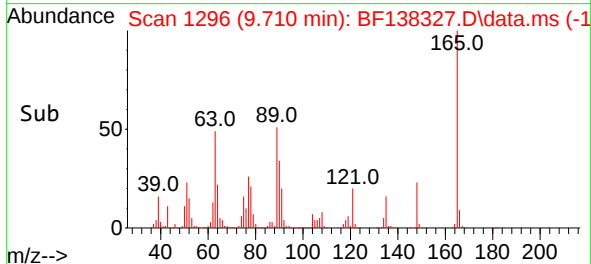
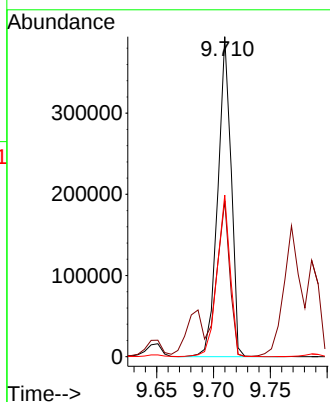
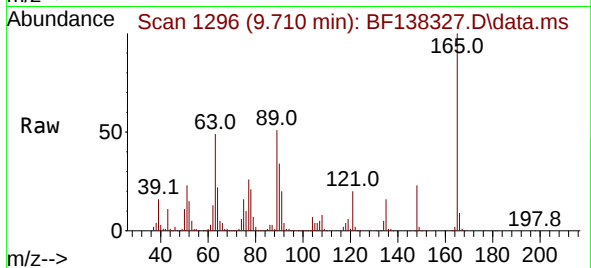
ClientSampleId :

PB161675BS

Tgt Ion:165 Resp: 322069
Ion Ratio Lower Upper
165 100
63 48.7 43.7 65.5
89 50.5 44.9 67.3

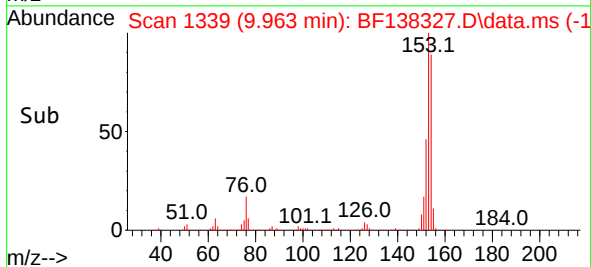
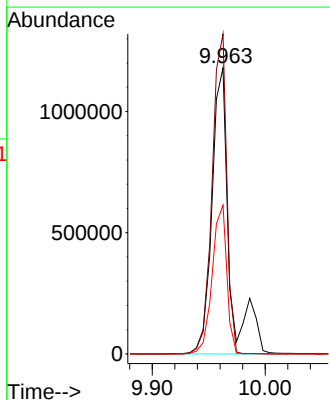
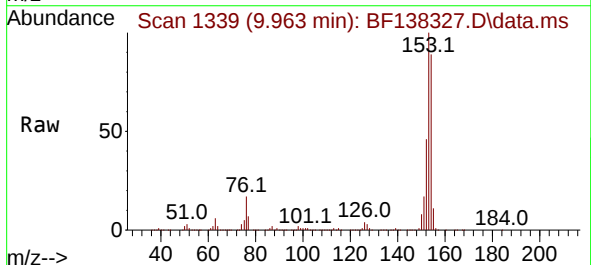
Manual Integrations
APPROVED

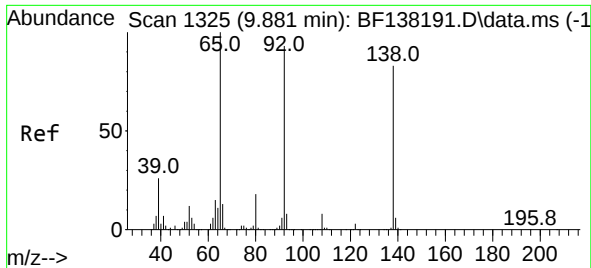
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#52
Acenaphthene
Concen: 44.959 ng m
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:154 Resp: 1272455
Ion Ratio Lower Upper
154 100
153 111.8 89.1 133.7
152 52.0 42.4 63.6





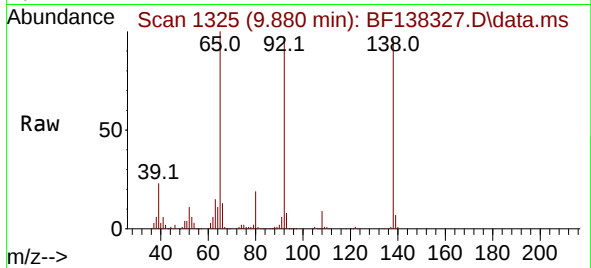
#53
3-Nitroaniline
Concen: 29.679 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



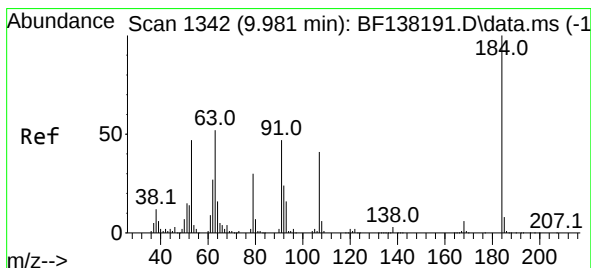
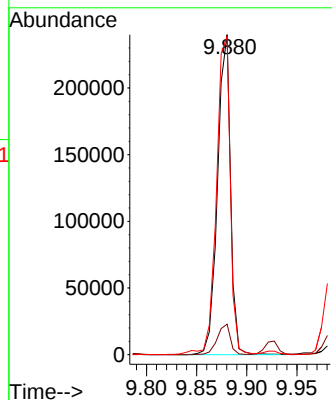
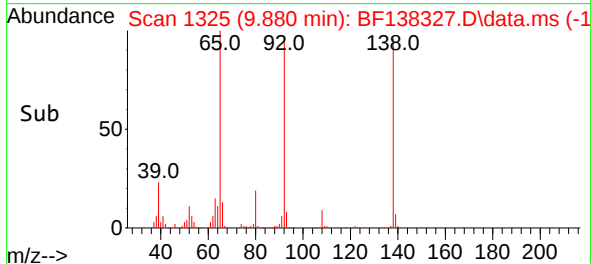
Tgt Ion:138 Resp: 21510
Ion Ratio Lower Upper
138 100
108 9.5 8.2 12.2
92 99.5 90.0 135.0

Manual Integrations

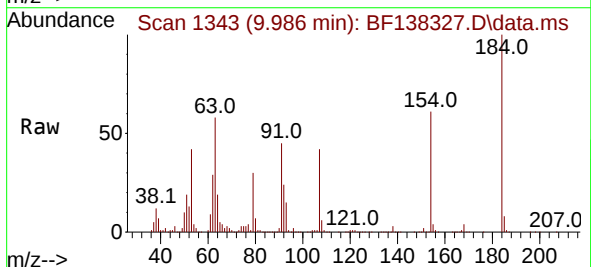
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

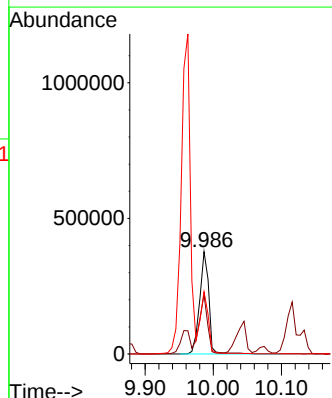
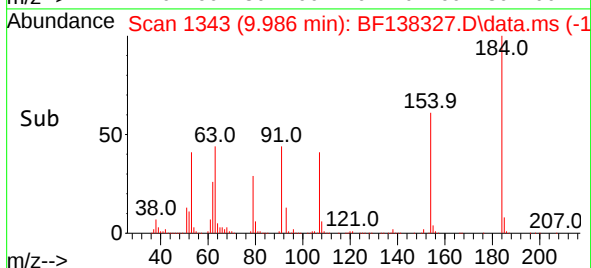
Supervised By :mohammad ahmed 06/27/2024

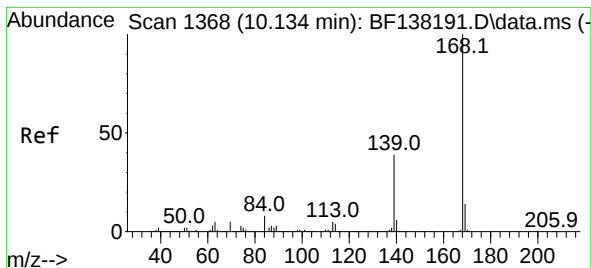


#54
2,4-Dinitrophenol
Concen: 95.511 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:184 Resp: 353719
Ion Ratio Lower Upper
184 100
63 58.0 49.2 73.8
154 60.9 46.7 70.1





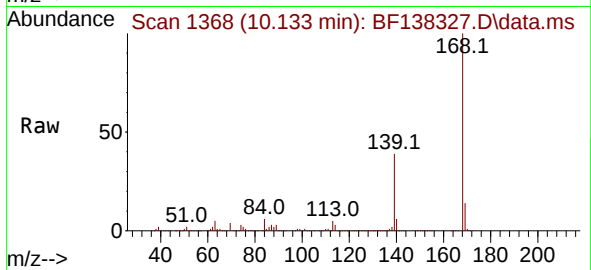
#55
Dibenzenofuran
Concen: 41.595 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

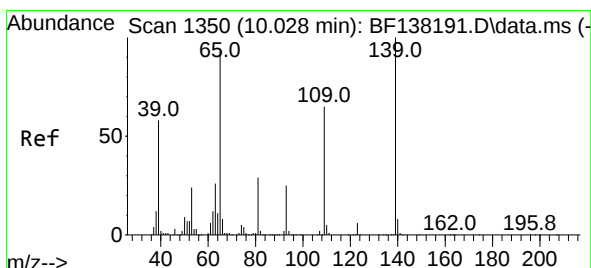
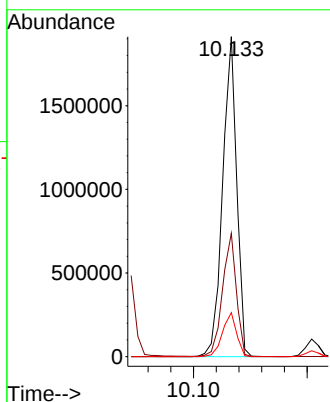
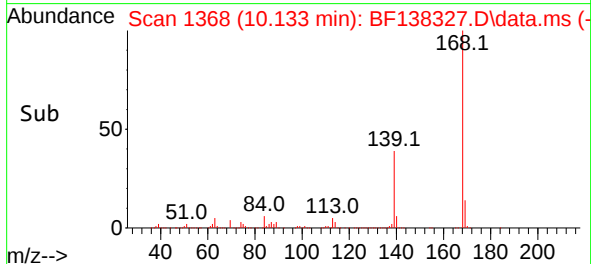


Tgt Ion:168 Resp: 1645719
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.4
169 13.8 11.4 17.0

Manual Integrations

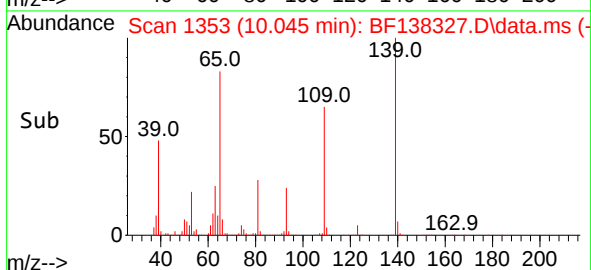
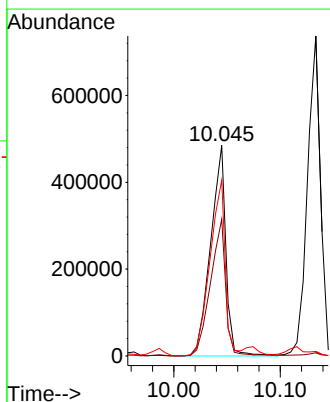
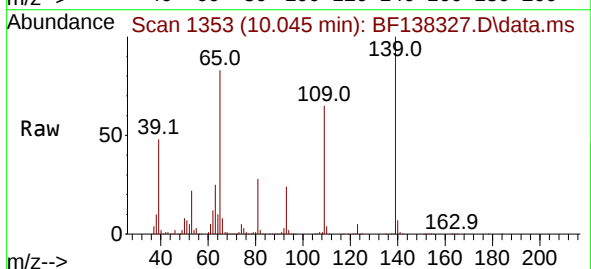
APPROVED

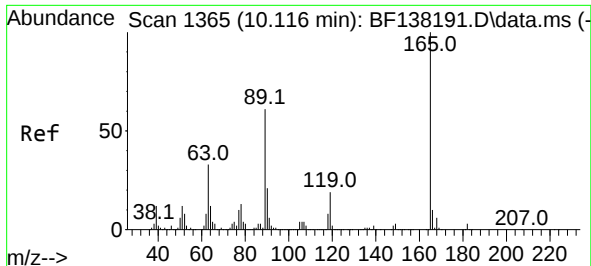
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 84.321 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:139 Resp: 482943
Ion Ratio Lower Upper
139 100
109 64.9 44.6 84.6
65 83.4 73.1 113.1





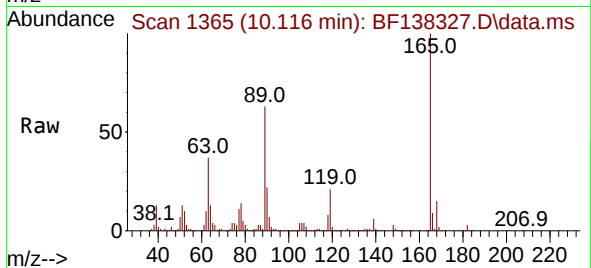
#57
2,4-Dinitrotoluene
Concen: 50.963 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

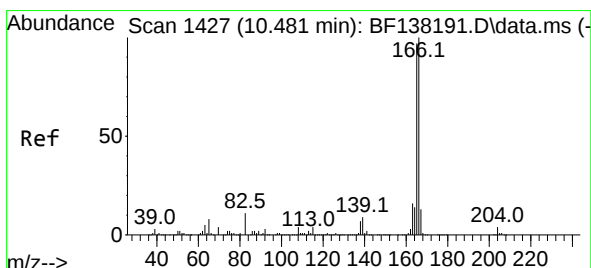
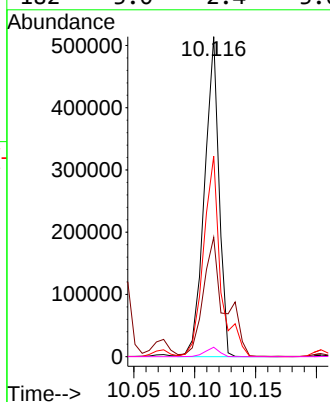
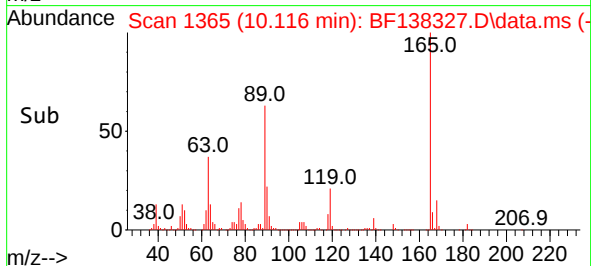


Tgt Ion:165 Resp: 42644
Ion Ratio Lower Upper
165 100
63 37.3 26.6 39.8
89 62.7 48.7 73.1
182 3.0 2.4 3.6

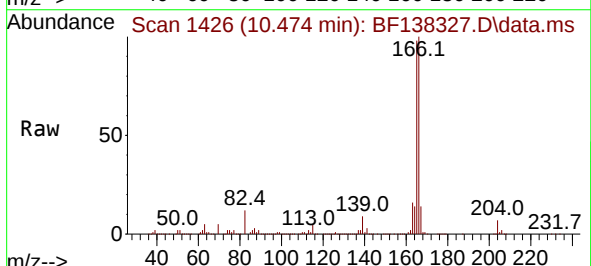
Manual Integrations

APPROVED

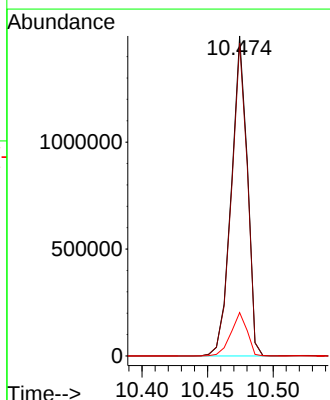
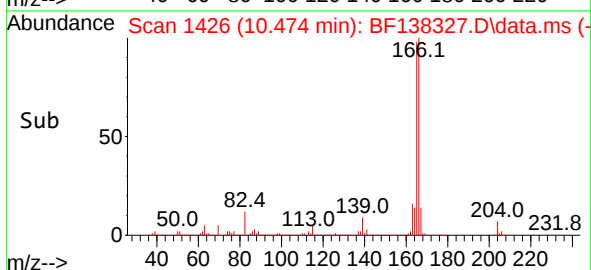
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

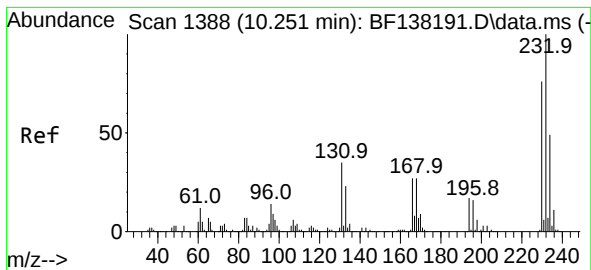


#58
Fluorene
Concen: 40.704 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:166 Resp: 1266208
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.988 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

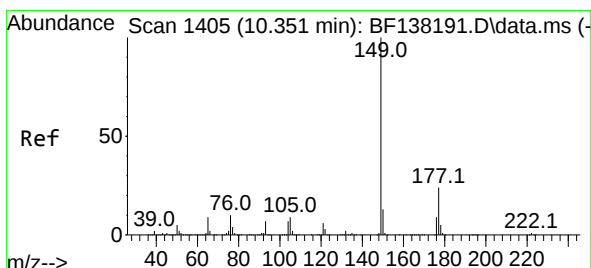
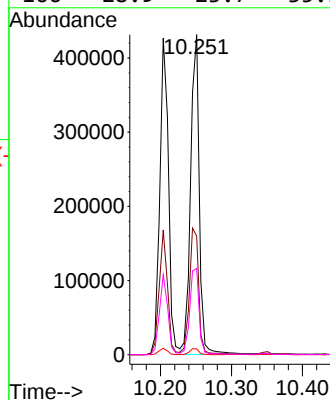
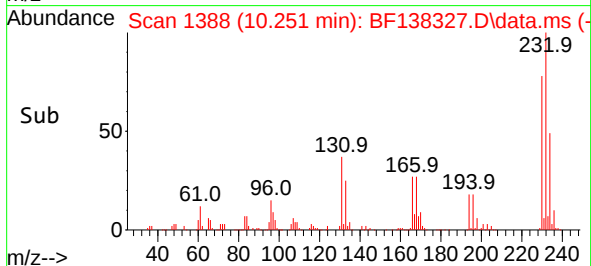
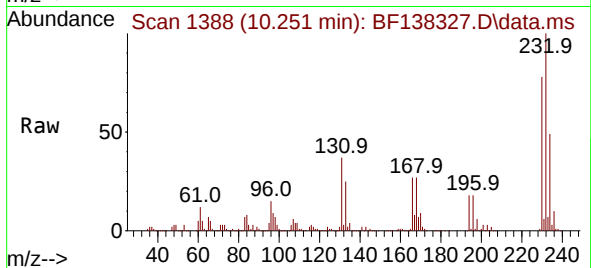
PB161675BS

Tgt Ion:232 Resp: 368600
Ion Ratio Lower Upper
232 100
131 41.9 33.6 50.4
130 2.0 1.7 2.5
166 28.9 23.7 35.5

Manual Integrations

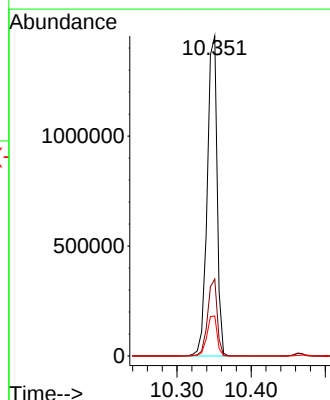
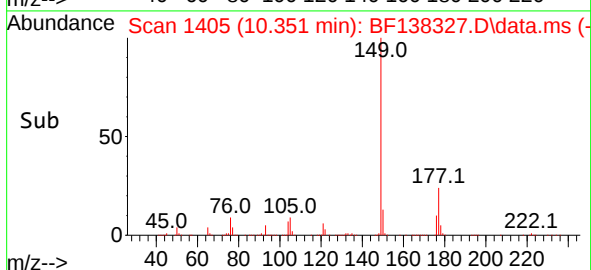
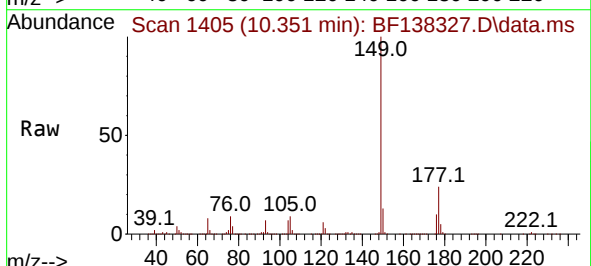
APPROVED

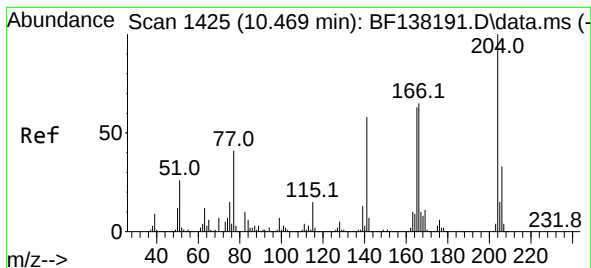
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#60
Diethylphthalate
Concen: 45.512 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:149 Resp: 1350829
Ion Ratio Lower Upper
149 100
177 24.1 19.4 29.0
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.184 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

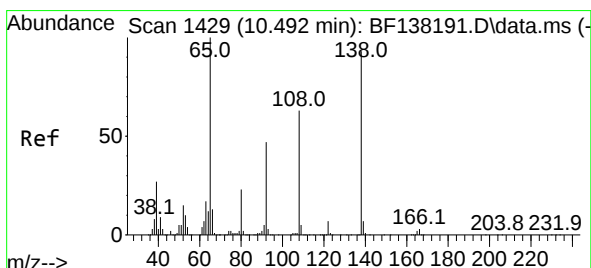
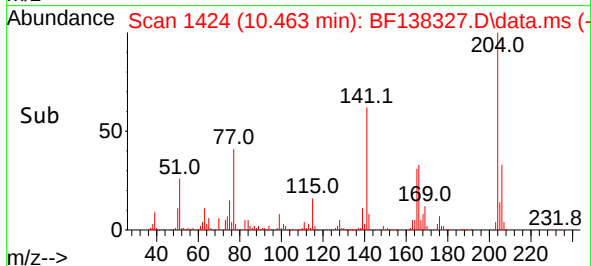
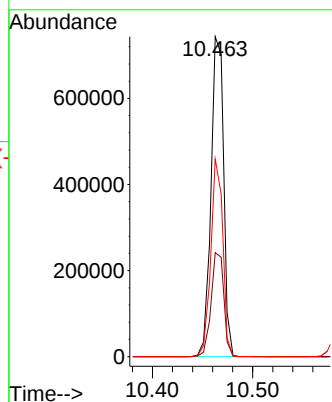
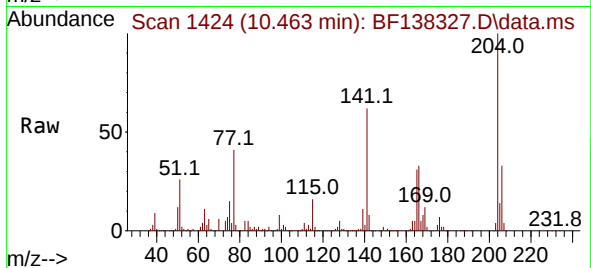
PB161675BS

Tgt Ion:204 Resp: 653540
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 61.7 46.3 69.5

Manual Integrations

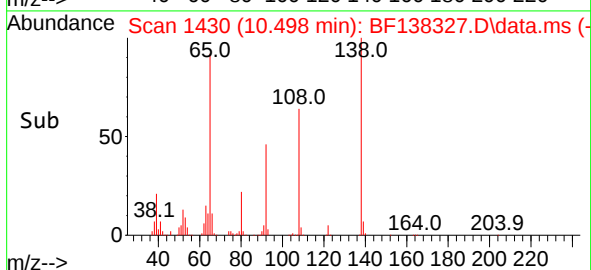
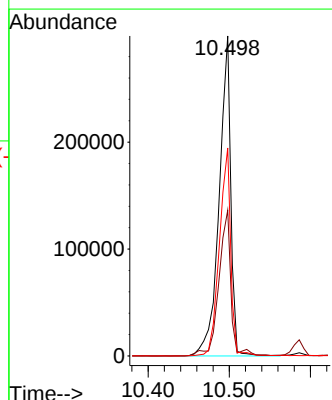
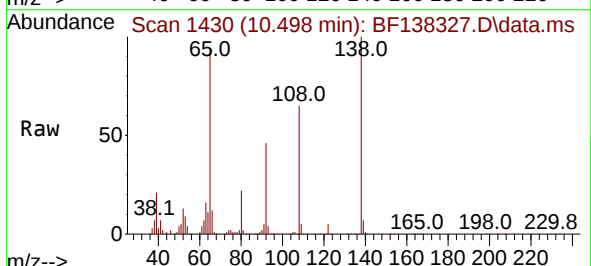
APPROVED

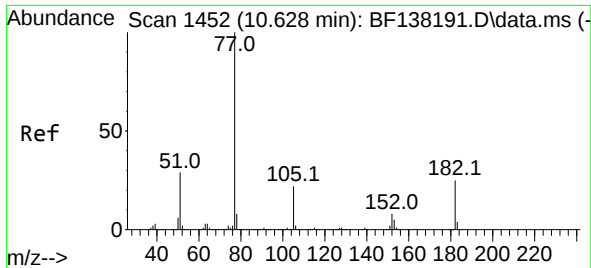
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#62
4-Nitroaniline
Concen: 41.304 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:138 Resp: 299097
Ion Ratio Lower Upper
138 100
92 45.6 30.9 70.9
108 65.0 47.8 87.8





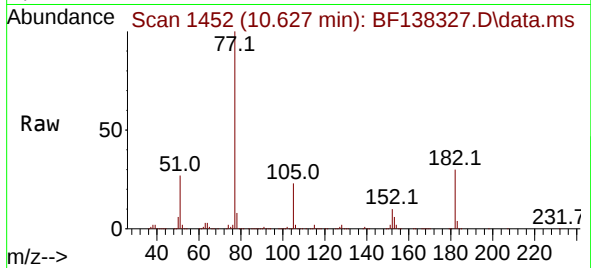
#63
Azobenzene
Concen: 41.673 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



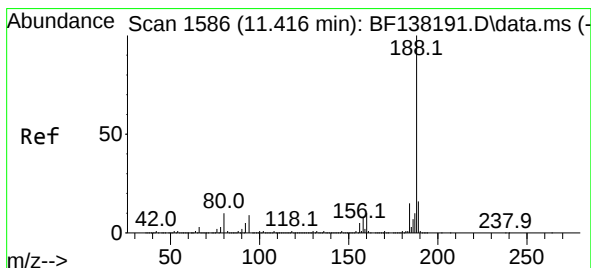
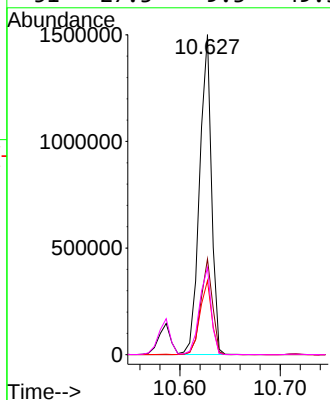
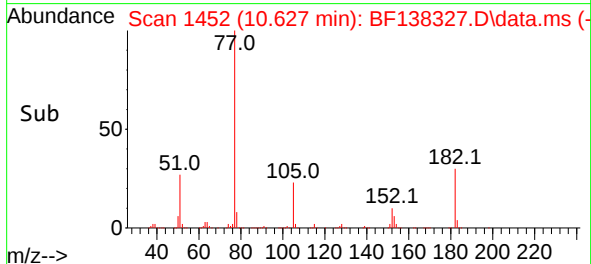
Tgt Ion: 77 Resp: 1239180
Ion Ratio Lower Upper
77 100
182 29.9 5.5 45.5
105 23.2 1.8 41.8
51 27.3 9.3 49.3

Manual Integrations

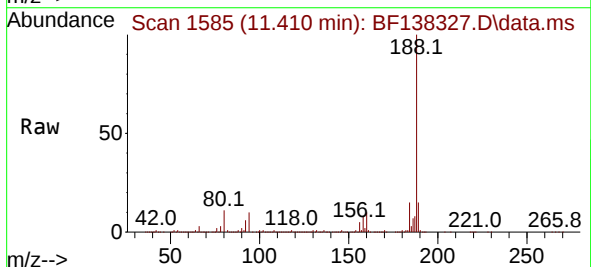
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

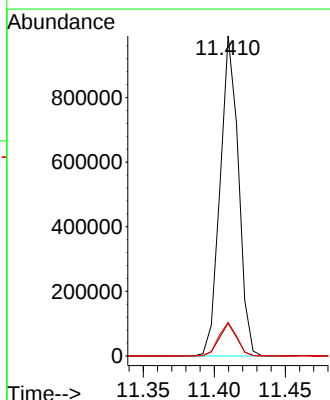
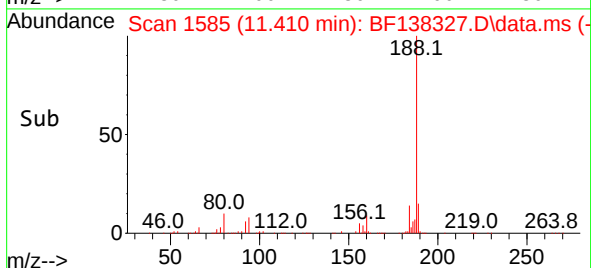
Supervised By :mohammad ahmed 06/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



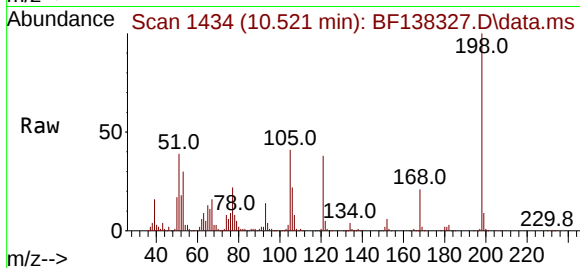
Tgt Ion:188 Resp: 887267
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.5 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.368 ng
RT: 10.521 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

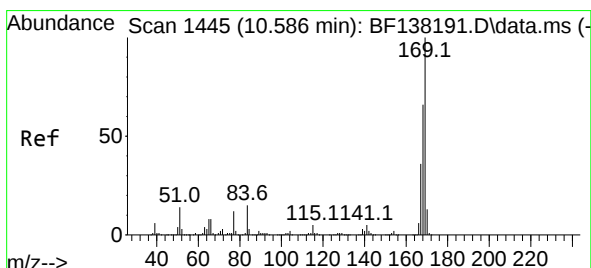
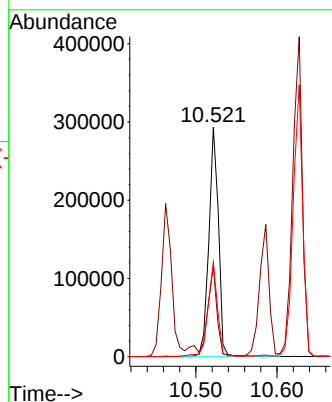
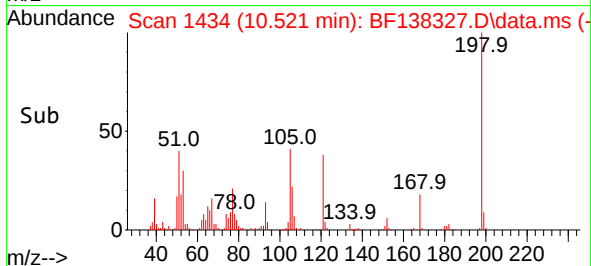
Instrument :
BNA_F
ClientSampleId :
PB161675BS



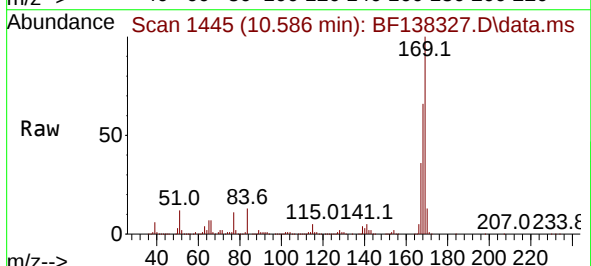
Tgt Ion:198 Resp: 240100
Ion Ratio Lower Upper
198 100
51 39.3 26.9 66.9
105 41.1 26.0 66.0

Manual Integrations
APPROVED

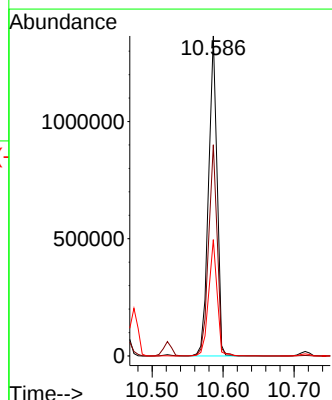
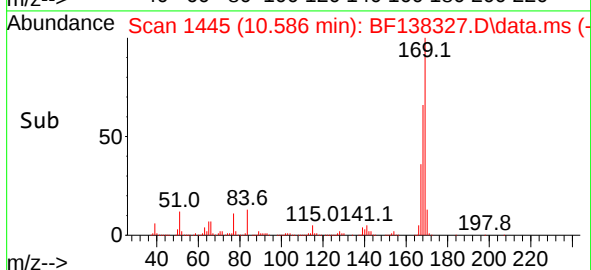
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

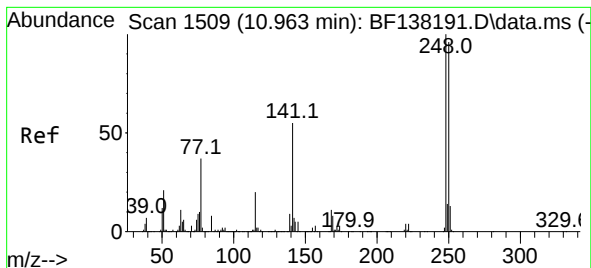


#66
n-Nitrosodiphenylamine
Concen: 42.252 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



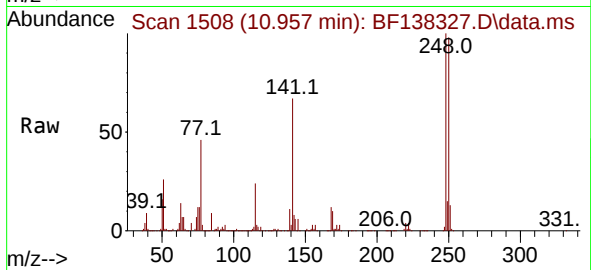
Tgt Ion:169 Resp: 1147725
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.561 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

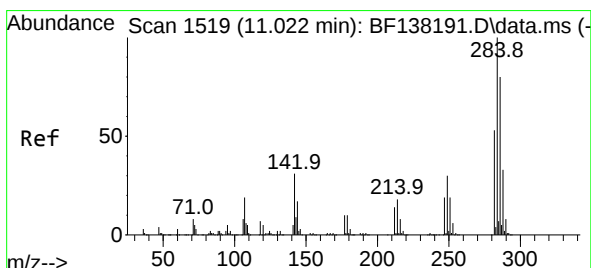
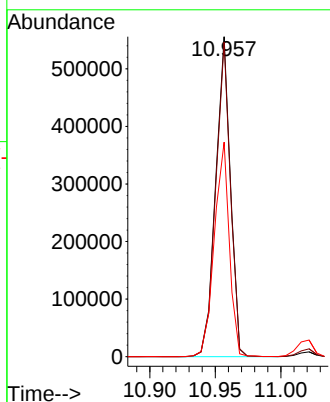
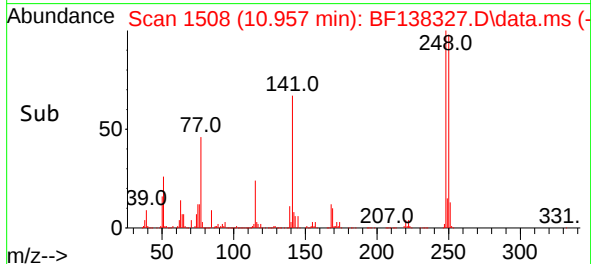
Instrument :
BNA_F
ClientSampleId :
PB161675BS



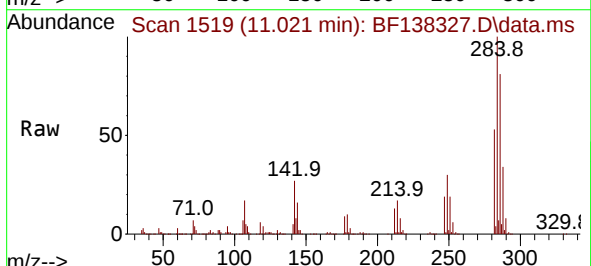
Tgt Ion:248 Resp: 435517
Ion Ratio Lower Upper
248 100
250 98.3 77.2 115.8
141 67.1 44.1 66.1

Manual Integrations
APPROVED

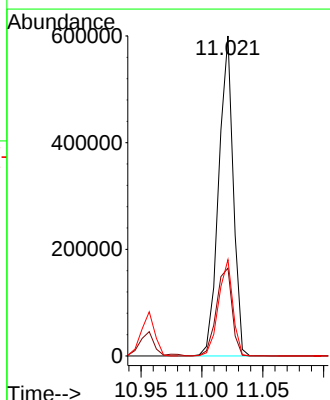
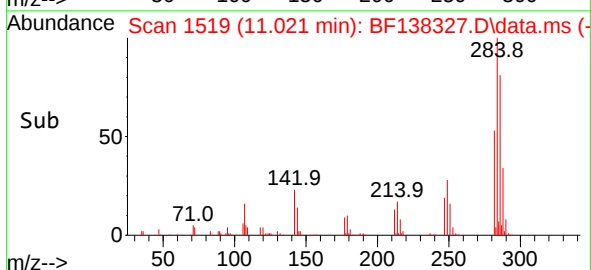
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

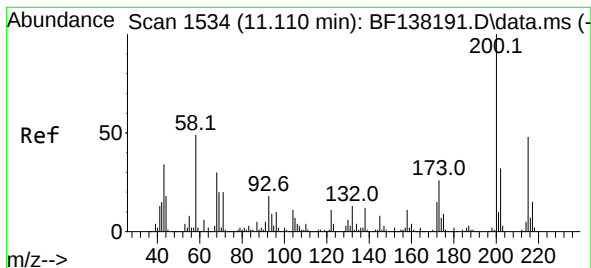


#68
Hexachlorobenzene
Concen: 42.724 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:284 Resp: 498489
Ion Ratio Lower Upper
284 100
142 27.4 24.8 37.2
249 30.1 23.8 35.6





#69

Atrazine

Concen: 46.606 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

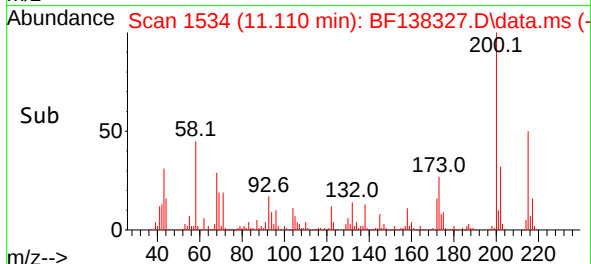
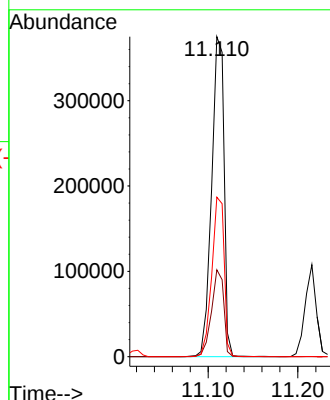
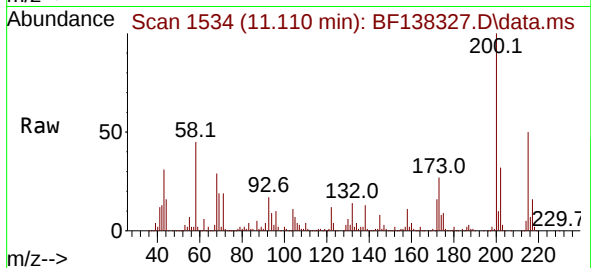
Tgt Ion:200 Resp: 360594
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.3 46.3
 215 49.8 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 80.393 ng

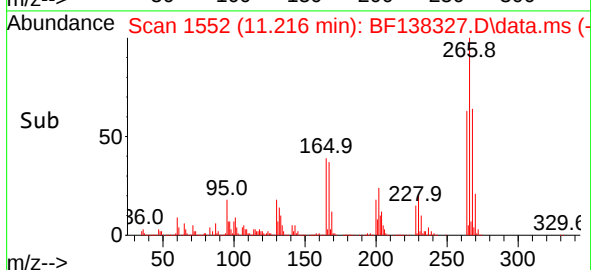
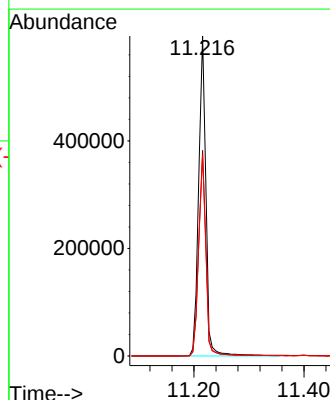
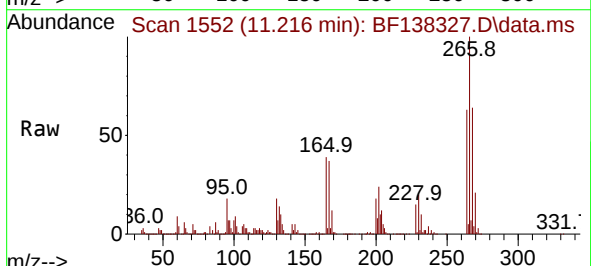
RT: 11.216 min Scan# 1552

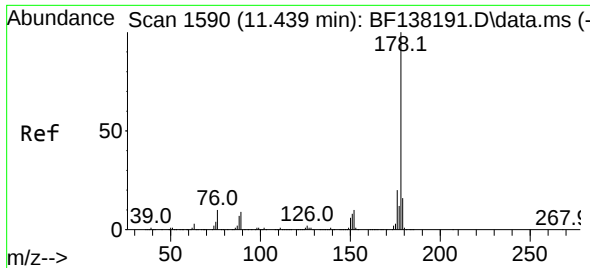
Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

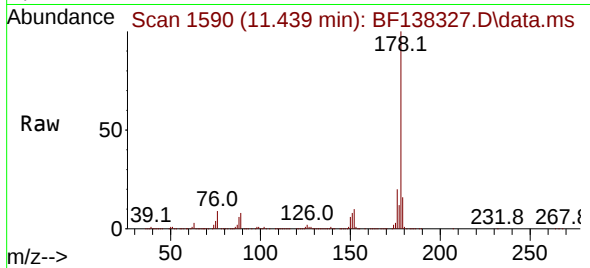
Tgt Ion:266 Resp: 547045
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.5 74.3
 264 62.8 49.2 73.8





#71
Phenanthrene
Concen: 42.027 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

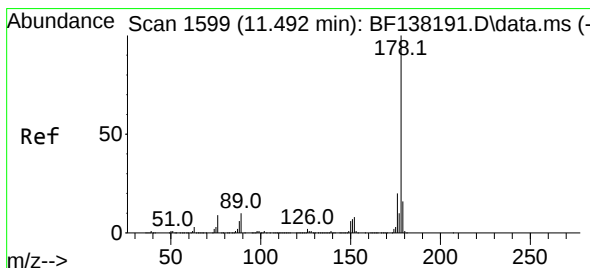
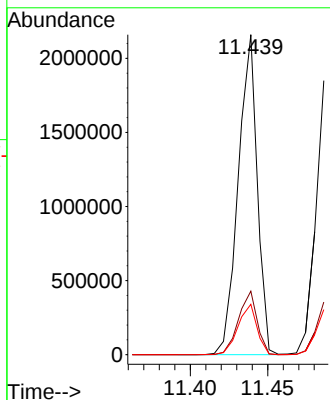
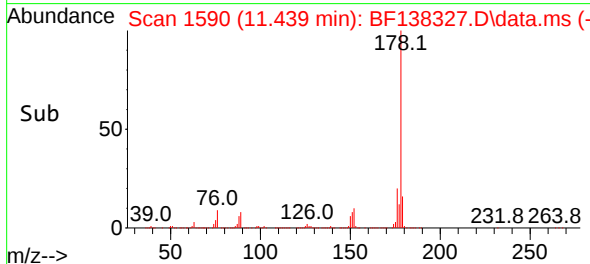
Instrument :
BNA_F
ClientSampleId :
PB161675BS



Tgt Ion:178 Resp: 184407
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.8 13.1 19.7

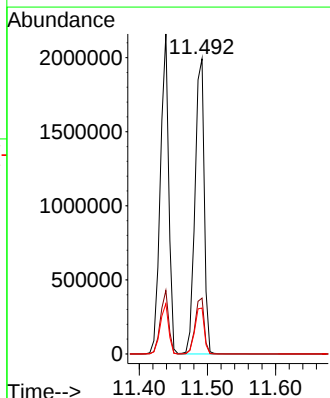
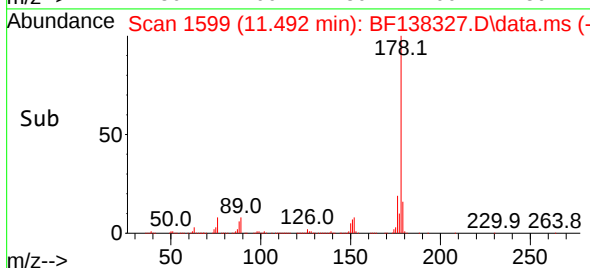
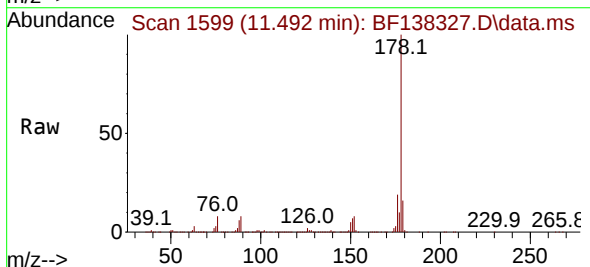
Manual Integrations
APPROVED

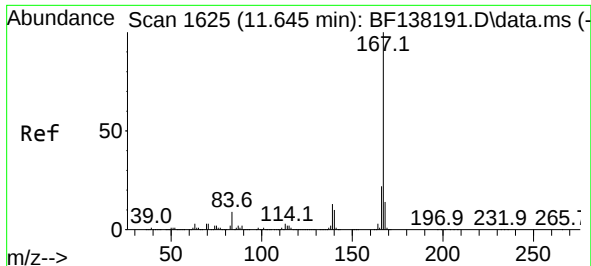
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 42.845 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:178 Resp: 1866542
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.6 13.0 19.6





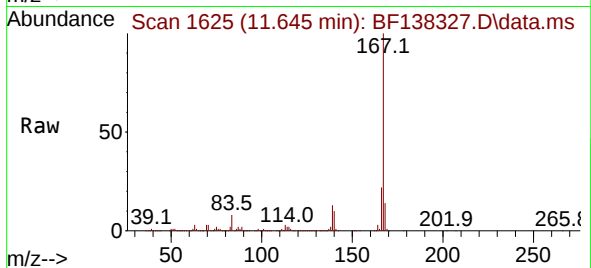
#73
 Carbazole
 Concen: 39.478 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138327.D
 Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



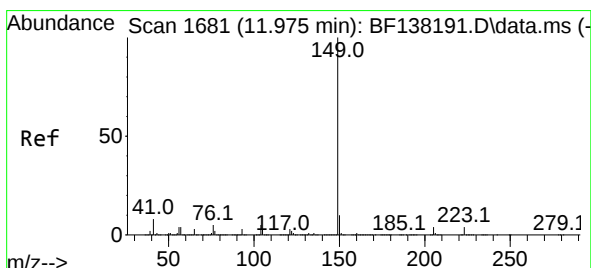
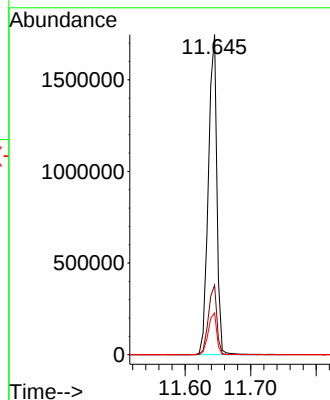
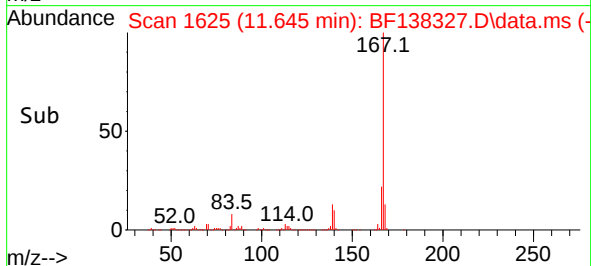
Tgt Ion:167 Resp: 157744
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 13.1 10.6 16.0

Manual Integrations

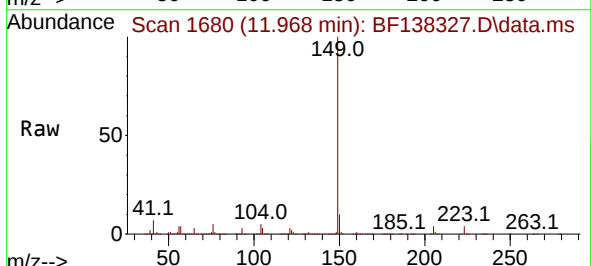
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

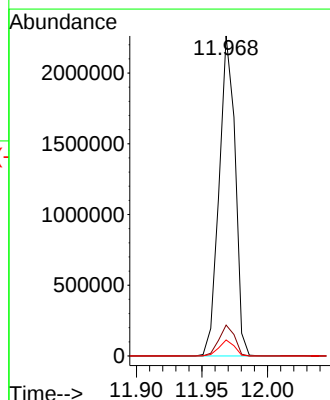
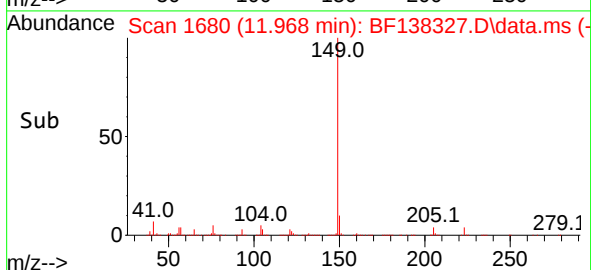
Supervised By :mohammad ahmed 06/27/2024

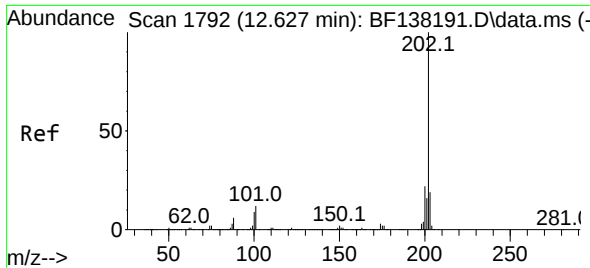


#74
 Di-n-butylphthalate
 Concen: 46.400 ng
 RT: 11.968 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BF138327.D
 Acq: 25 Jun 2024 11:16



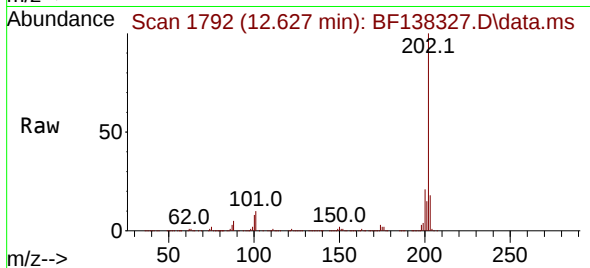
Tgt Ion:149 Resp: 1919389
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 38.939 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

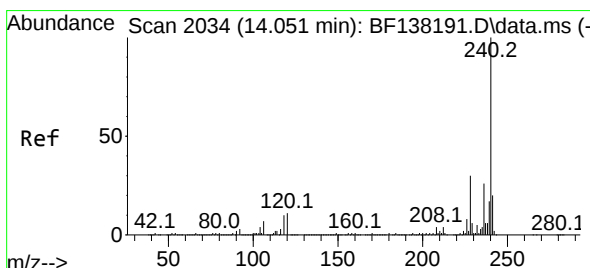
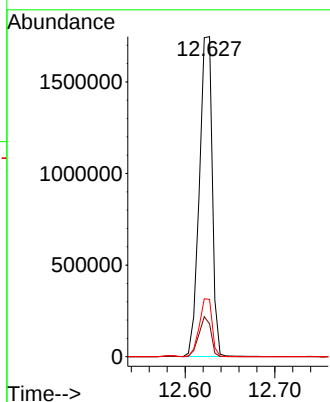
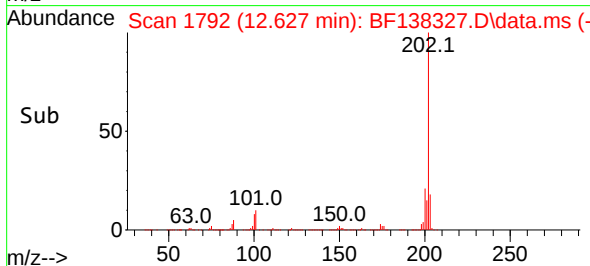
Instrument :
BNA_F
ClientSampleId :
PB161675BS



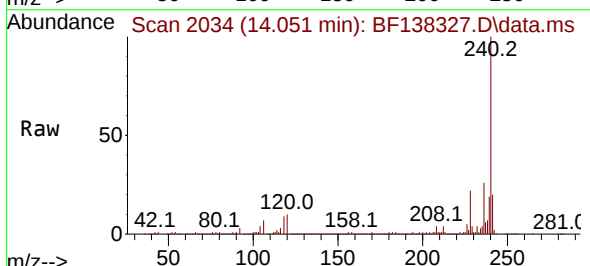
Tgt Ion:202 Resp: 174226
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.8
203 17.9 0.0 38.6

Manual Integrations
APPROVED

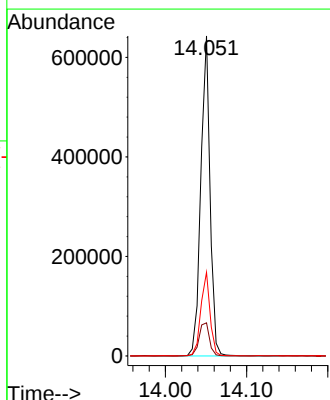
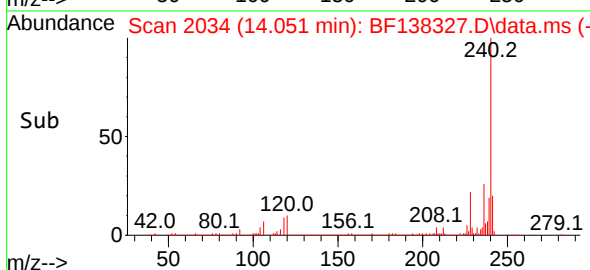
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

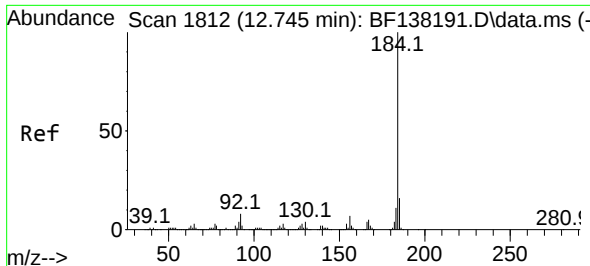


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



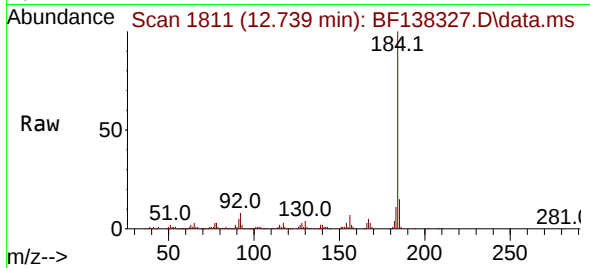
Tgt Ion:240 Resp: 508648
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.2 21.0 31.6





#77
Benzidine
Concen: 34.278 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

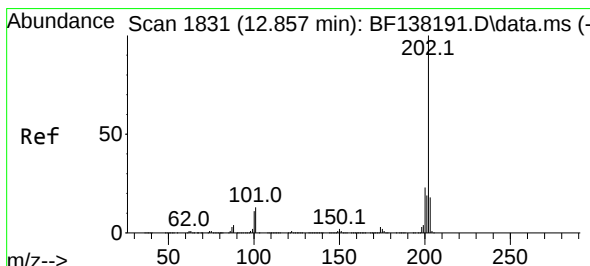
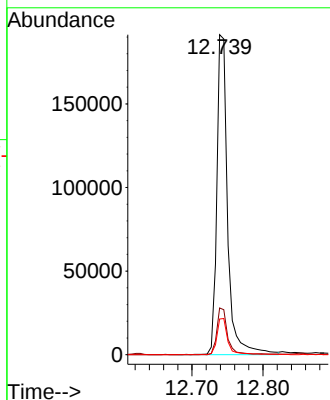
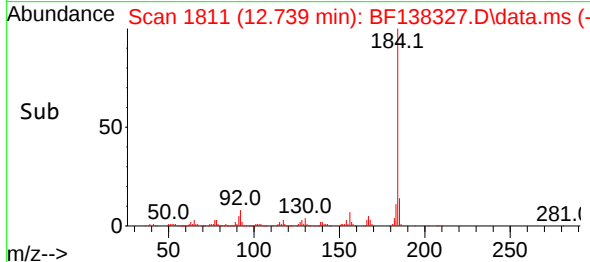
Instrument :
BNA_F
ClientSampleId :
PB161675BS



Tgt Ion:184 Resp: 201669
Ion Ratio Lower Upper
184 100
185 14.6 12.6 19.0
183 11.2 9.0 13.6

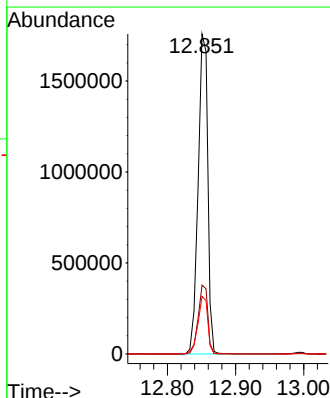
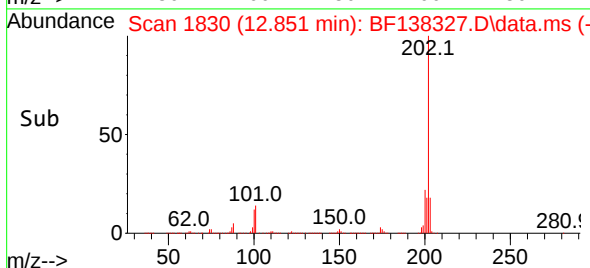
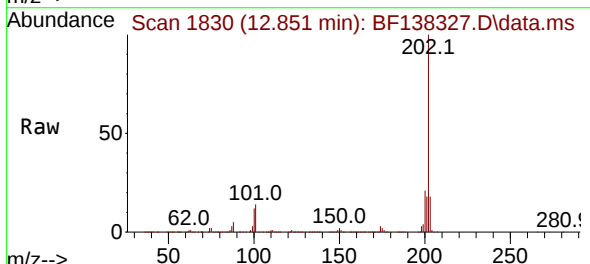
Manual Integrations
APPROVED

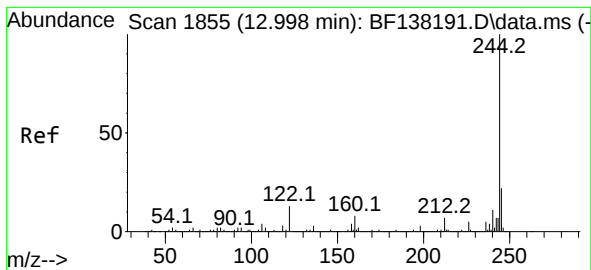
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#78
Pyrene
Concen: 39.488 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:202 Resp: 1732491
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 18.0 14.7 22.1





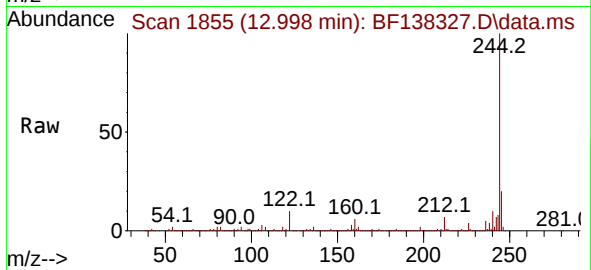
#79
 Terphenyl-d14
 Concen: 78.179 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138327.D
 Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

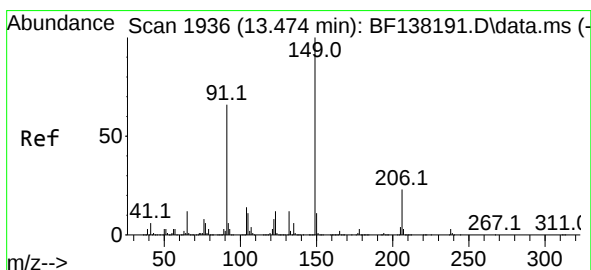
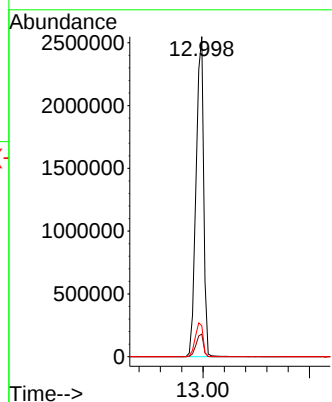
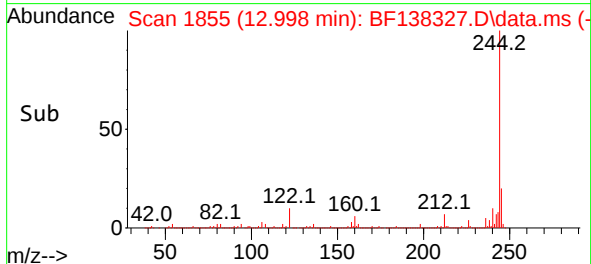


Tgt Ion:244 Resp: 2510712
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.7 10.6 15.8

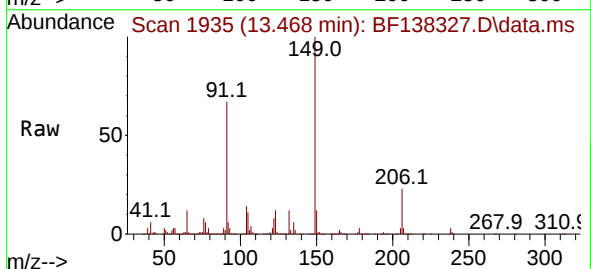
Manual Integrations

APPROVED

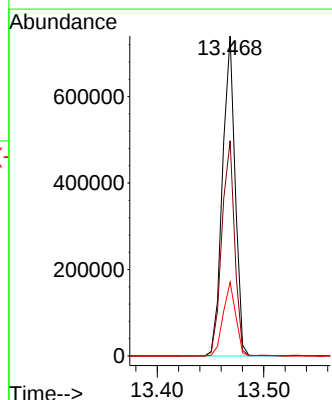
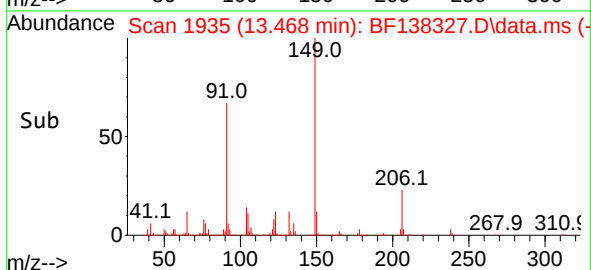
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

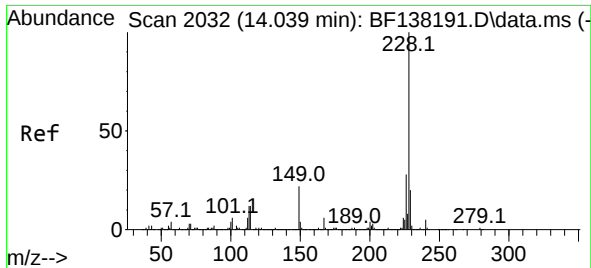


#80
 Butylbenzylphthalate
 Concen: 51.107 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF138327.D
 Acq: 25 Jun 2024 11:16



Tgt Ion:149 Resp: 609920
 Ion Ratio Lower Upper
 149 100
 91 67.2 53.2 79.8
 206 23.0 18.6 27.8





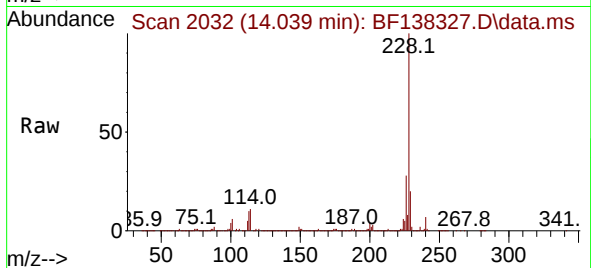
#81
Benzo(a)anthracene
Concen: 44.690 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

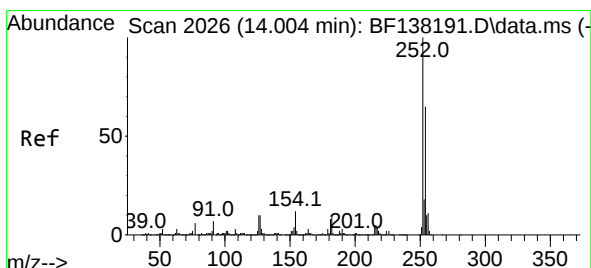
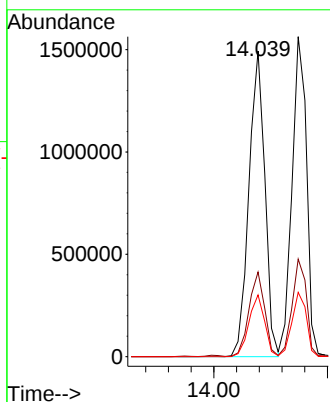
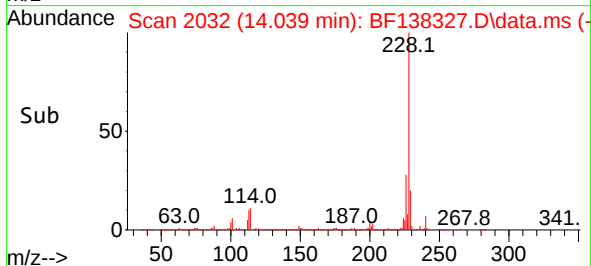


Tgt Ion:228 Resp: 145835
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.2 16.3 24.5

Manual Integrations

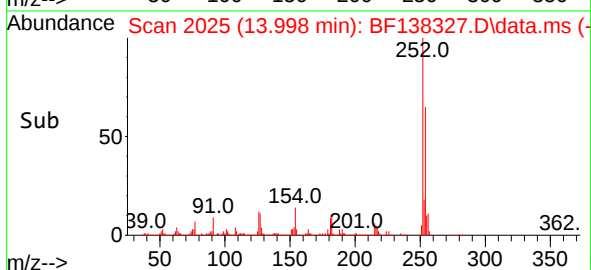
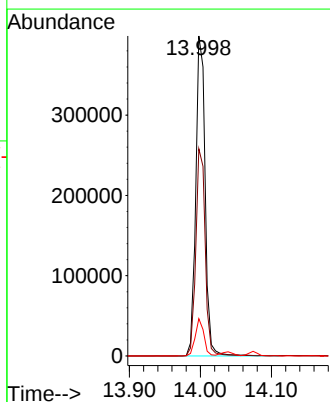
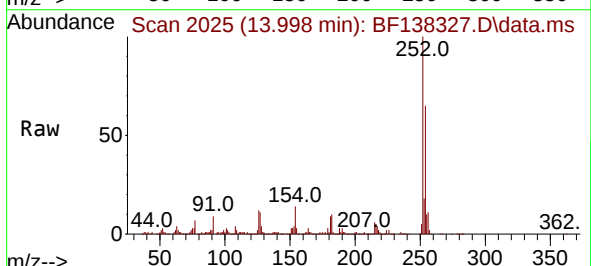
APPROVED

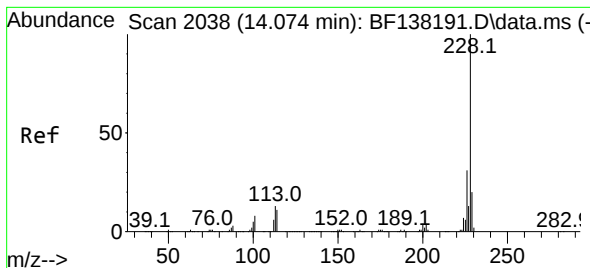
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.791 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:252 Resp: 366556
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.7 8.3 12.5





#83

Chrysene

Concen: 44.818 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138327.D

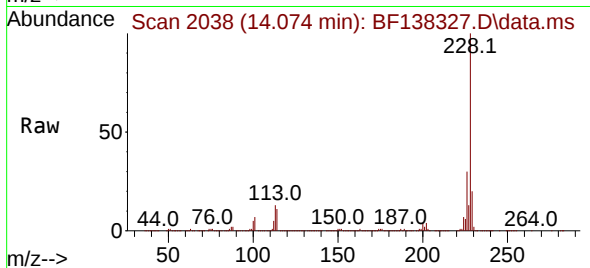
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



Tgt Ion:228 Resp: 1394029

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

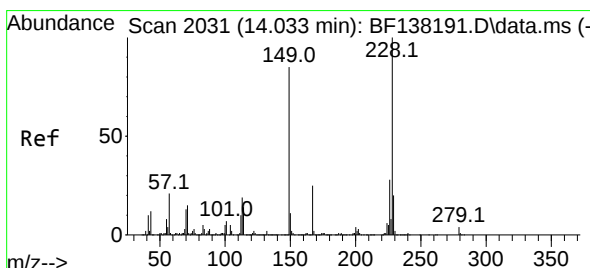
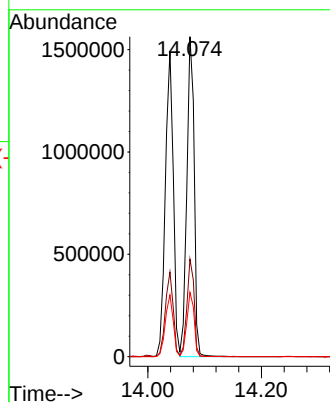
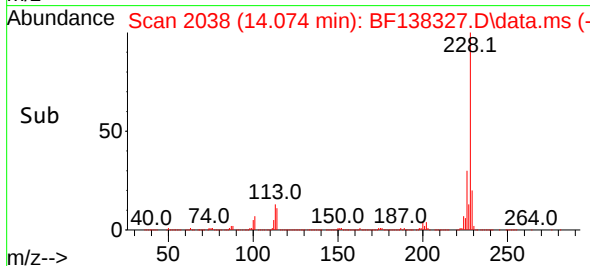
229 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.503 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

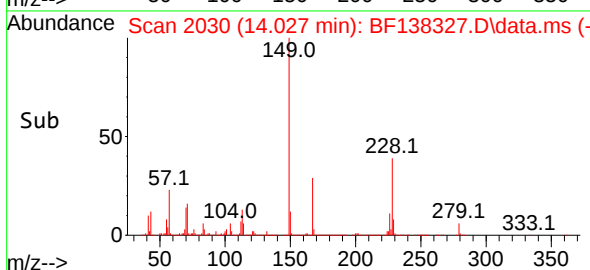
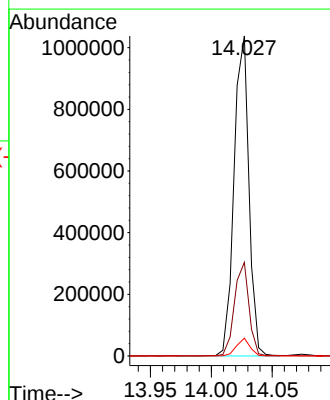
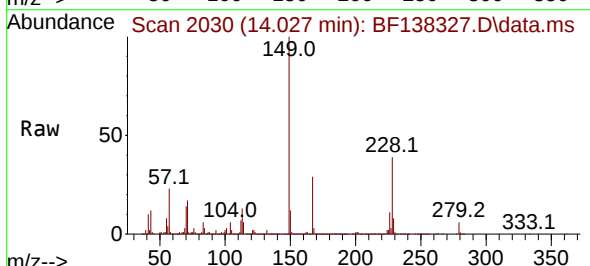
Tgt Ion:149 Resp: 881429

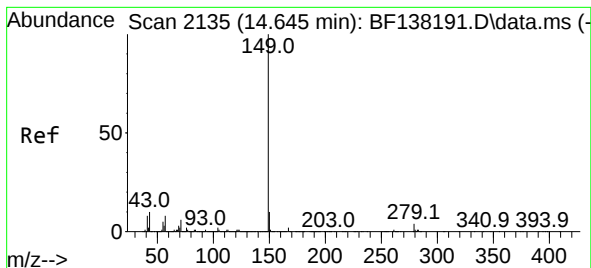
Ion Ratio Lower Upper

149 100

167 29.2 23.5 35.3

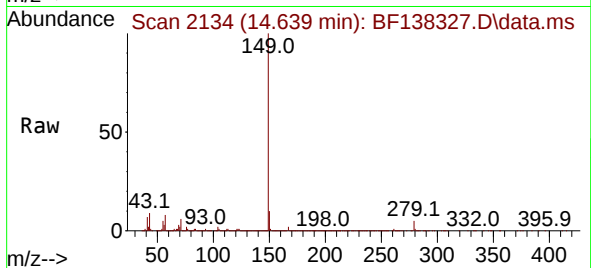
279 5.5 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 74.931 ng
RT: 14.639 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

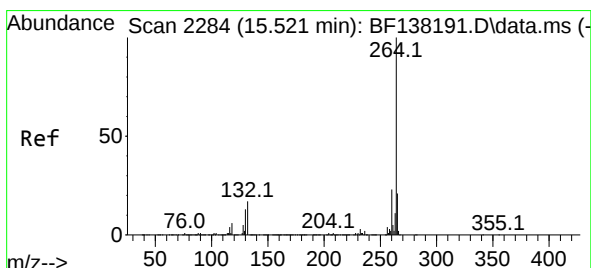
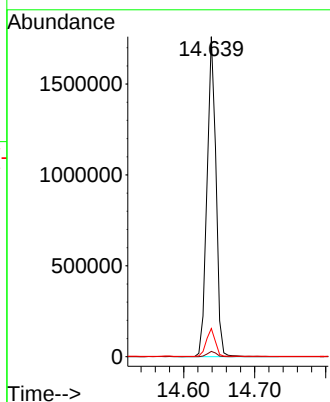
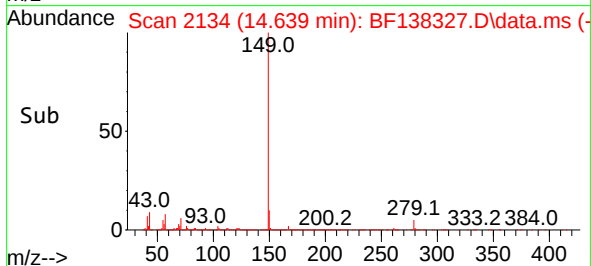
Instrument :
BNA_F
ClientSampleId :
PB161675BS



Tgt Ion:149 Resp: 1545090
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.6

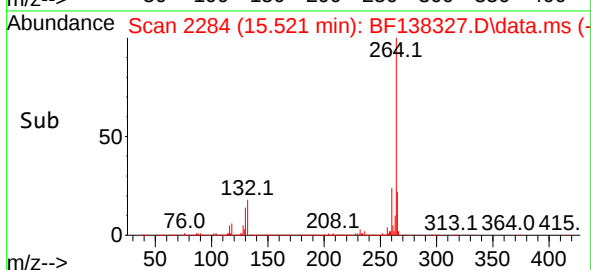
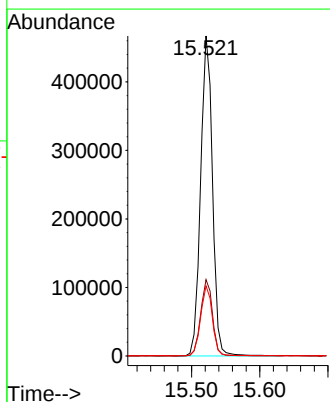
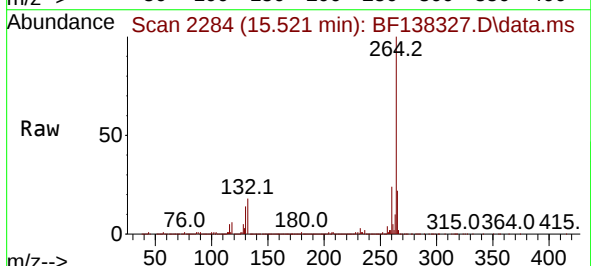
Manual Integrations
APPROVED

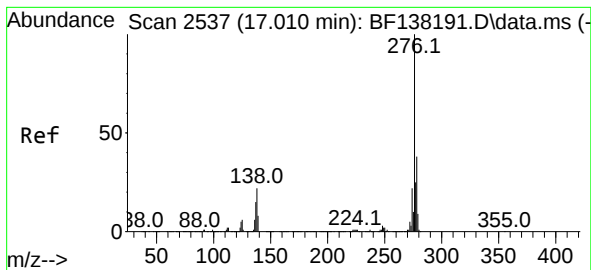
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:264 Resp: 564989
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.320 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS

Tgt Ion:276 Resp: 192705

Ion Ratio Lower Upper

276 100

138 24.5 19.3 28.9

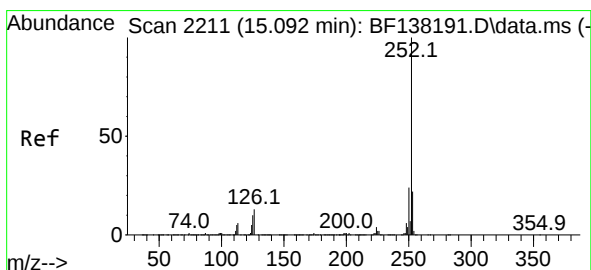
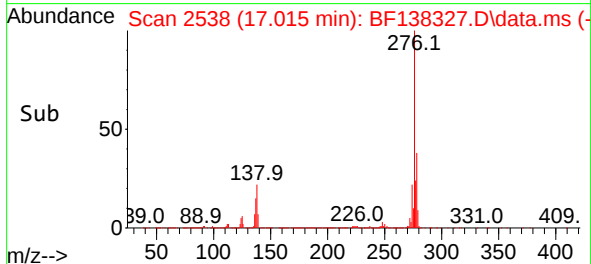
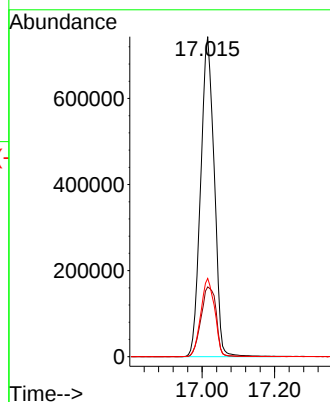
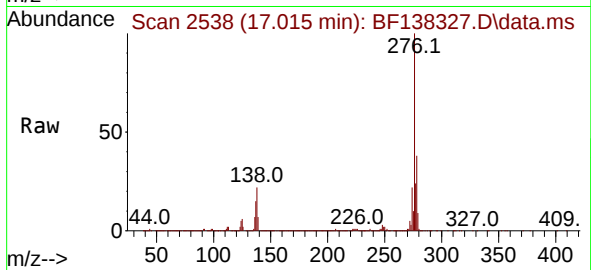
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#88

Benzo(b)fluoranthene

Concen: 43.844 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138327.D

Acq: 25 Jun 2024 11:16

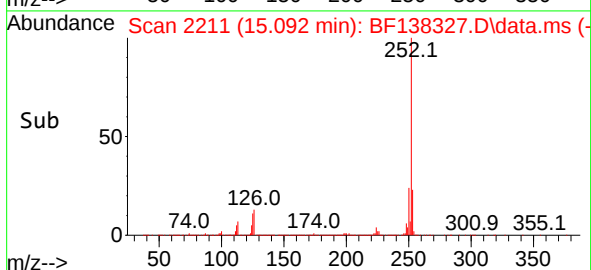
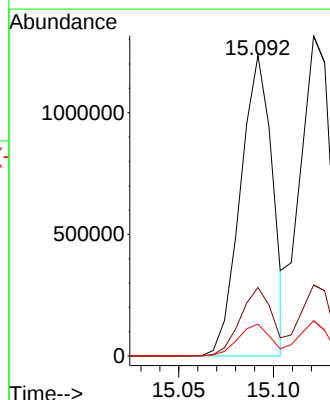
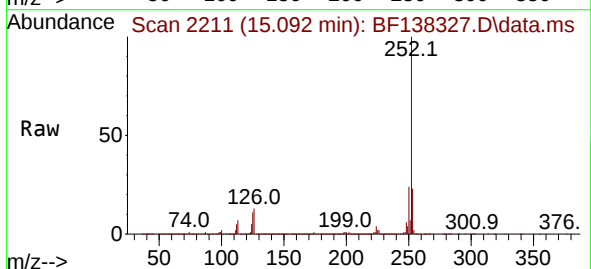
Tgt Ion:252 Resp: 1460817

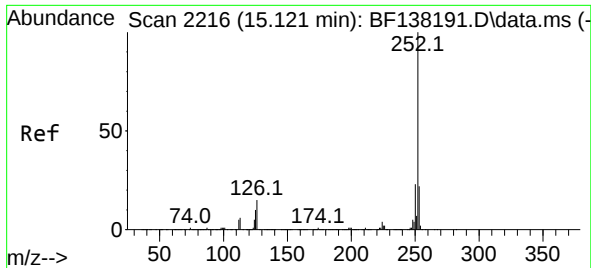
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 10.6 7.8 11.8





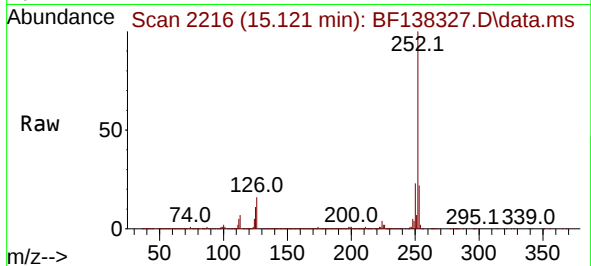
#89
Benzo(k)fluoranthene
Concen: 45.694 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB161675BS



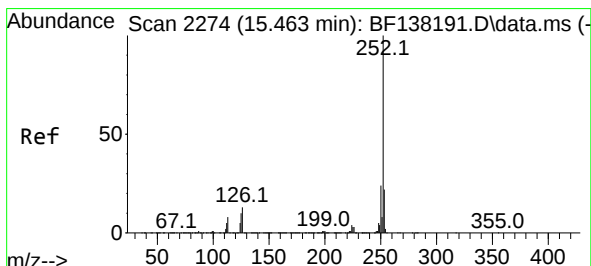
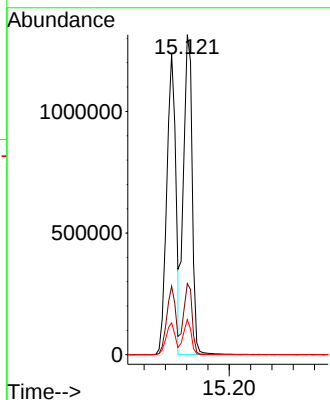
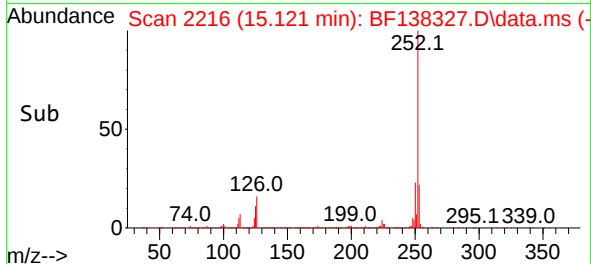
Tgt Ion:252 Resp: 149204
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.0 8.0 12.0

Manual Integrations

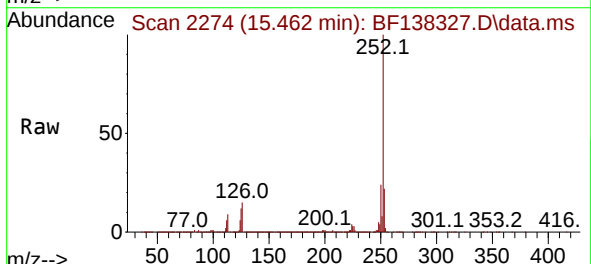
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

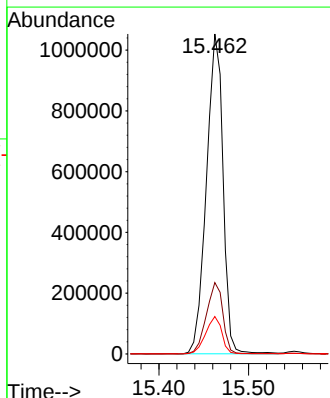
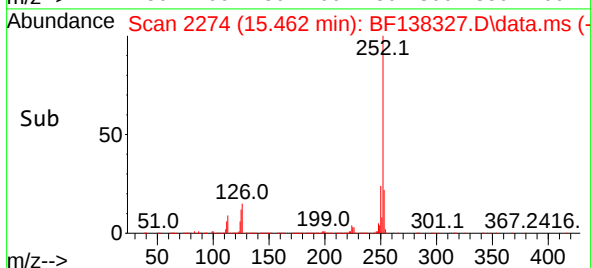
Supervised By :mohammad ahmed 06/27/2024

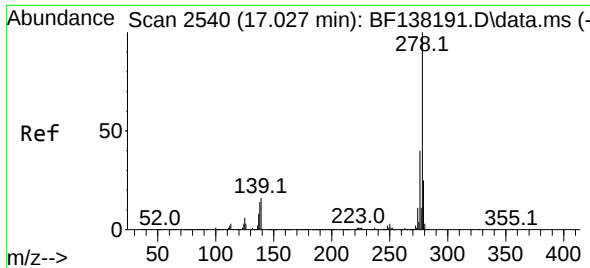


#90
Benzo(a)pyrene
Concen: 47.281 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16



Tgt Ion:252 Resp: 1353339
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.7 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 51.634 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Instrument :

BNA_F

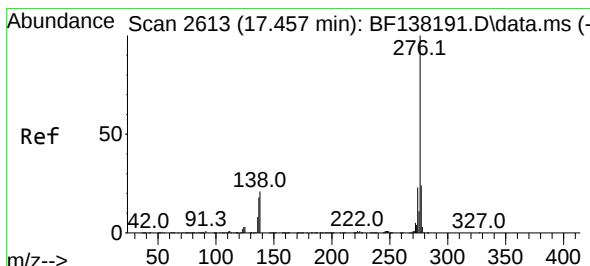
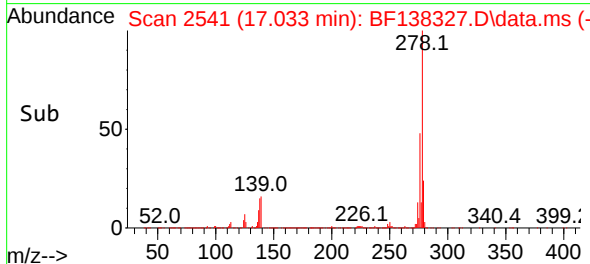
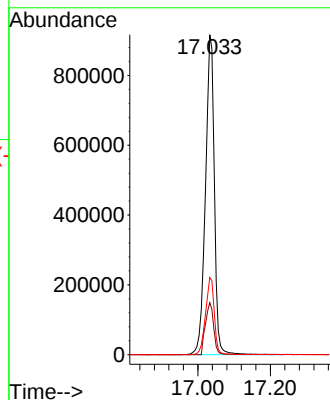
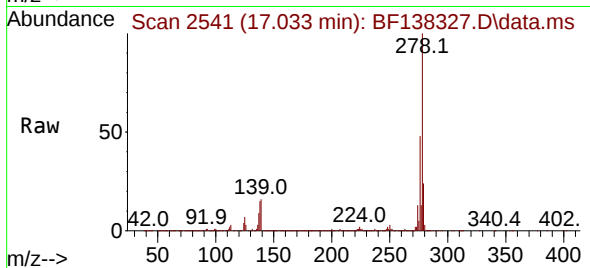
ClientSampleId :

PB161675BS

Tgt Ion:278 Resp: 1560994
Ion Ratio Lower Upper
278 100
139 16.3 12.9 19.3
279 24.1 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#92
Benzo(g,h,i)perylene
Concen: 47.849 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF138327.D
Acq: 25 Jun 2024 11:16

Tgt Ion:276 Resp: 1496475
Ion Ratio Lower Upper
276 100
277 23.8 19.5 29.3
138 21.5 16.6 24.8

