

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138352.D
 Acq On : 26 Jun 2024 15:15
 Operator : CG\JU
 Sample : PB161725BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161725BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 01:52:20 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	6.881	152	304308	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1246190	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	722328	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1287290	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	653333	20.000	ng	0.00
86) Perylene-d12	15.510	264	687998	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2040175	112.152	ng	0.00
7) Phenol-d6	6.522	99	2578619	111.787	ng	0.00
23) Nitrobenzene-d5	7.451	82	1676174	78.303	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	917870	127.643	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3159378	69.551	ng	0.00
79) Terphenyl-d14	12.992	244	3493730	84.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.758	88	253710	30.476	ng	96
3) Pyridine	3.505	79	620093	31.340	ng	95
4) n-Nitrosodimethylamine	3.475	42	350483	38.275	ng	88
6) Aniline	6.546	93	680440	30.147	ng	99
8) 2-Chlorophenol	6.669	128	890082	45.257	ng	99
9) Benzaldehyde	6.434	77	535067	43.673	ng	99
10) Phenol	6.540	94	991162	42.341	ng	85
11) bis(2-Chloroethyl)ether	6.622	93	818618	43.693	ng	98
12) 1,3-Dichlorobenzene	6.822	146	882448	39.481	ng	99
13) 1,4-Dichlorobenzene	6.898	146	897064	39.882	ng	100
14) 1,2-Dichlorobenzene	7.051	146	869173	41.163	ng	99
15) Benzyl Alcohol	7.028	79	714031	45.909	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1006877	38.079	ng	94
17) 2-Methylphenol	7.140	107	678918	43.754	ng	97
18) Hexachloroethane	7.393	117	323022	42.390	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	559951	40.952	ng	97
20) 3+4-Methylphenols	7.293	107	774592	39.661	ng	97
22) Acetophenone	7.298	105	1074899	37.758	ng	96
24) Nitrobenzene	7.469	77	852760	38.544	ng	94
25) Isophorone	7.710	82	1638275	42.311	ng	99
26) 2-Nitrophenol	7.781	139	496730	55.835	ng	96
27) 2,4-Dimethylphenol	7.816	122	616692	45.563	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	1011549	41.735	ng	100
29) 2,4-Dichlorophenol	8.022	162	753801	43.258	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	830258	40.401	ng	100
31) Naphthalene	8.187	128	2417606	39.233	ng	100
32) Benzoic acid	7.963	122	626774	52.542	ng	98
33) 4-Chloroaniline	8.234	127	527272	22.894	ng	98
34) Hexachlorobutadiene	8.298	225	480149	39.950	ng	99
35) Caprolactam	8.622	113	263121m	50.016	ng	
36) 4-Chloro-3-methylphenol	8.722	107	788910	45.471	ng	98
37) 2-Methylnaphthalene	8.881	142	1664403	41.156	ng	100
38) 1-Methylnaphthalene	8.975	142	1552750	39.180	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	845566	40.060	ng	99
41) Hexachlorocyclopentadiene	9.028	237	799352	116.141	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	595732	45.075	ng	98

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Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 27 01:52:20 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)
44) 2,4,5-Trichlorophenol	9.204	196	632291	43.564	ng	98
46) 1,1'-Biphenyl	9.345	154	2053166	38.736	ng	98
47) 2-Chloronaphthalene	9.369	162	1644380	39.256	ng	100
48) 2-Nitroaniline	9.469	65	489988	48.571	ng	85
49) Acenaphthylene	9.787	152	2502491	42.604	ng	100
50) Dimethylphthalate	9.651	163	1984879	44.849	ng	99
51) 2,6-Dinitrotoluene	9.710	165	466575	48.595	ng	# 84
52) Acenaphthene	9.957	154	1762182m	43.995	ng	
53) 3-Nitroaniline	9.875	138	354578	34.570	ng	99
54) 2,4-Dinitrophenol	9.986	184	521707	98.324	ng	93
55) Dibenzofuran	10.128	168	2261281	40.385	ng	99
56) 4-Nitrophenol	10.045	139	743365	91.710	ng	92
57) 2,4-Dinitrotoluene	10.116	165	625346	52.807	ng	97
58) Fluorene	10.469	166	1718760	39.041	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	526371	46.404	ng	99
60) Diethylphthalate	10.345	149	1893752	45.085	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	890957	40.636	ng	98
62) 4-Nitroaniline	10.498	138	465821	45.454	ng	96
63) Azobenzene	10.622	77	1731110	41.137	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	367207	54.828	ng	83
66) n-Nitrosodiphenylamine	10.586	169	1618499	41.067	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	614326	42.351	ng	95
68) Hexachlorobenzene	11.016	284	703440	41.555	ng	97
69) Atrazine	11.110	200	530651	47.272	ng	98
70) Pentachlorophenol	11.210	266	804789	81.518	ng	97
71) Phenanthrene	11.433	178	2566512	40.315	ng	100
72) Anthracene	11.486	178	2557650	40.465	ng	99
73) Carbazole	11.639	167	2271189	39.177	ng	99
74) Di-n-butylphthalate	11.963	149	2780821	46.335	ng	100
75) Fluoranthene	12.622	202	2527502	38.935	ng	99
77) Benzidine	12.733	184	219484	29.044	ng	99
78) Pyrene	12.845	202	2539679	45.067	ng	99
80) Butylbenzylphthalate	13.463	149	952355	62.129	ng	99
81) Benzo(a)anthracene	14.033	228	1844627	44.009	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	523620	45.365	ng	98
83) Chrysene	14.069	228	1758004	44.003	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1151652	64.597	ng	97
85) Di-n-octyl phthalate	14.633	149	1851555	69.908	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	2242870	50.007	ng	99
88) Benzo(b)fluoranthene	15.086	252	1847626	45.539	ng	100
89) Benzo(k)fluoranthene	15.116	252	1713066	43.083	ng	100
90) Benzo(a)pyrene	15.451	252	1683662	48.304	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1823536	49.534	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1762683	46.284	ng	99

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

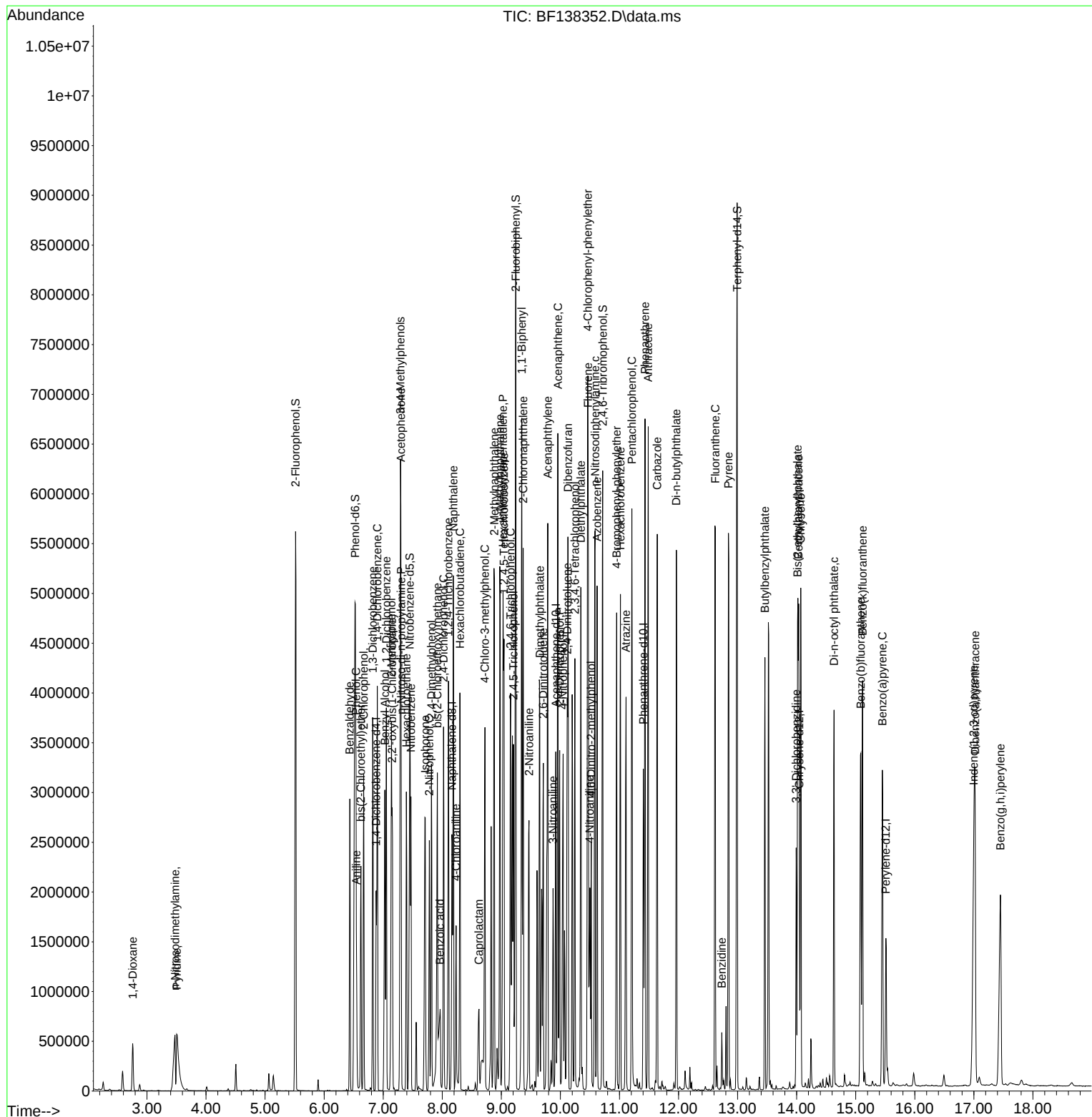
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
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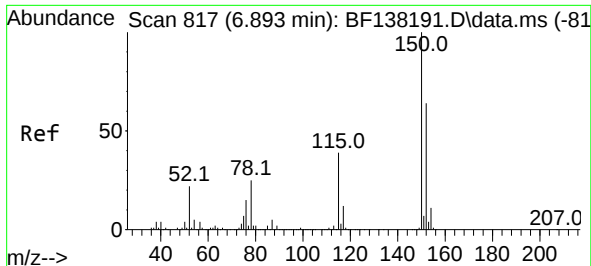
Instrument :
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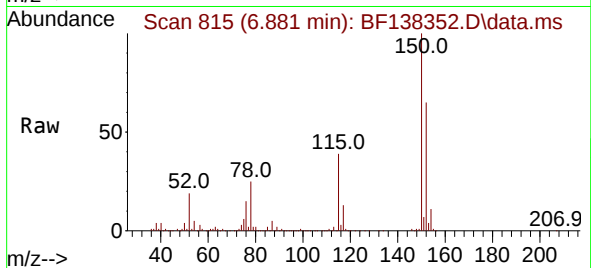
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

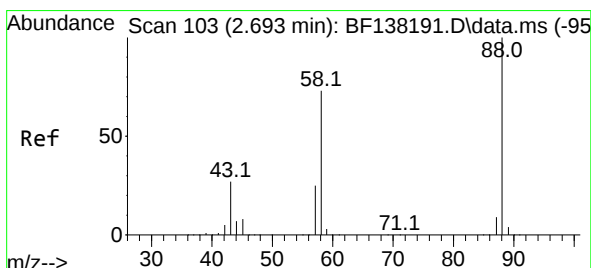
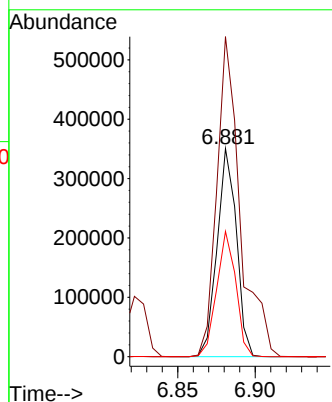
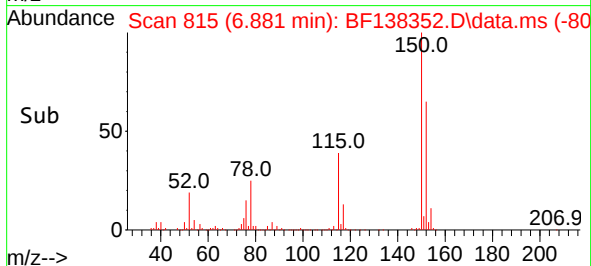
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion:152 Resp: 304308
Ion Ratio Lower Upper
152 100
150 153.7 125.0 187.4
115 60.2 48.4 72.6

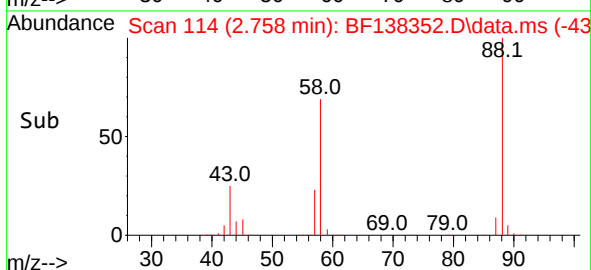
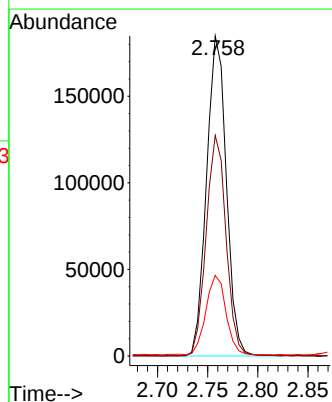
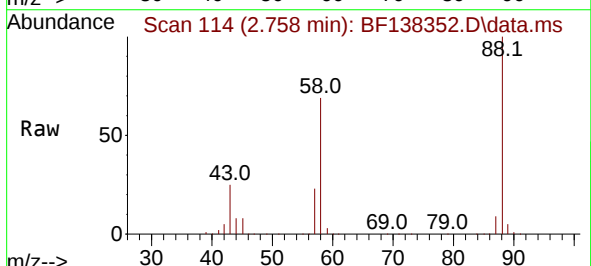
Manual Integrations
APPROVED

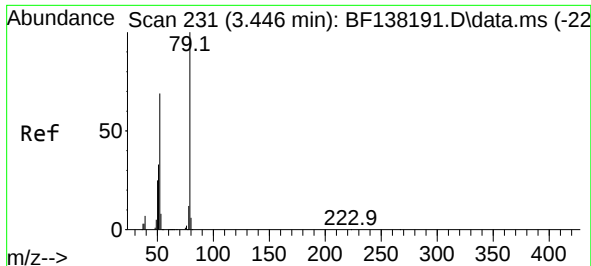
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#2
1,4-Dioxane
Concen: 30.476 ng
RT: 2.758 min Scan# 114
Delta R.T. 0.065 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion: 88 Resp: 253710
Ion Ratio Lower Upper
88 100
58 69.6 58.6 87.8
43 25.5 22.4 33.6





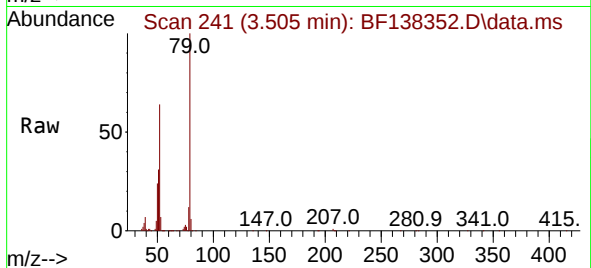
#3
Pyridine
Concen: 31.340 ng
RT: 3.505 min Scan# 241
Delta R.T. 0.059 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



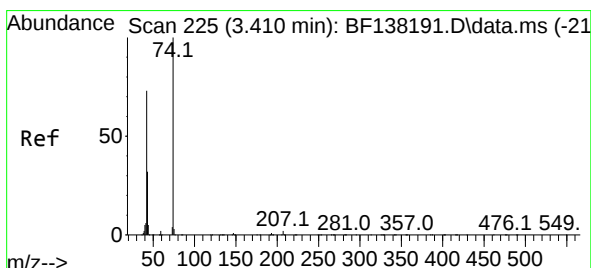
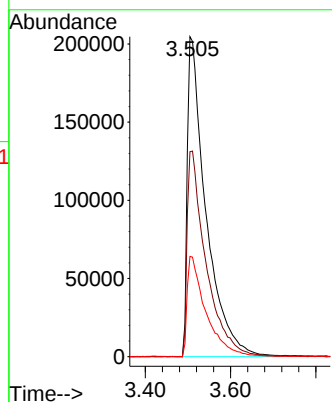
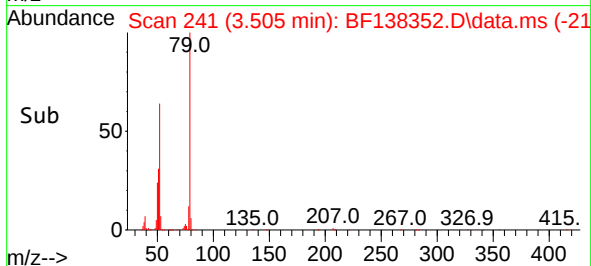
Tgt Ion: 79 Resp: 62009
Ion Ratio Lower Upper
79 100
52 64.1 55.0 82.4
51 31.4 26.9 40.3

Manual Integrations

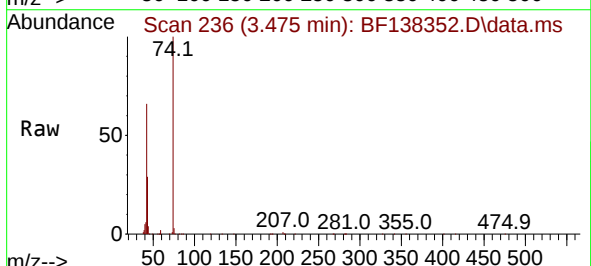
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

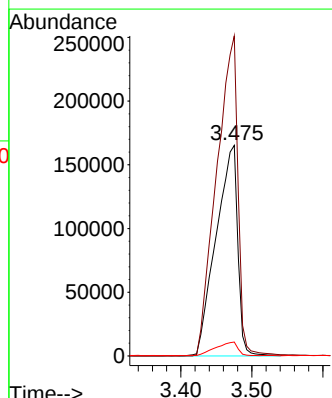
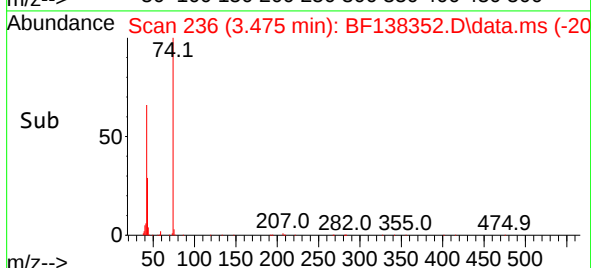
Supervised By :mohammad ahmed 06/27/2024

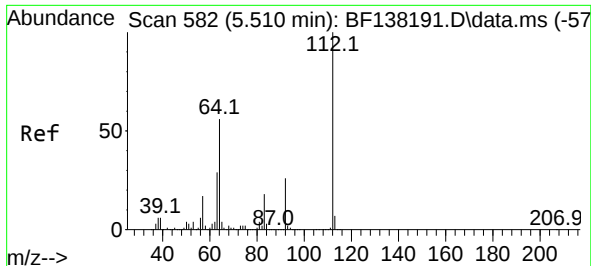


#4
n-Nitrosodimethylamine
Concen: 38.275 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.065 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



Tgt Ion: 42 Resp: 350483
Ion Ratio Lower Upper
42 100
74 151.9 109.9 164.9
44 6.6 5.2 7.8





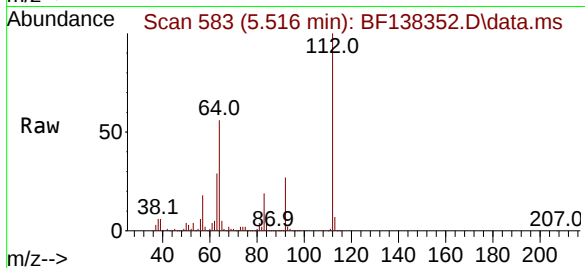
#5
2-Fluorophenol
Concen: 112.152 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

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ClientSampleId :

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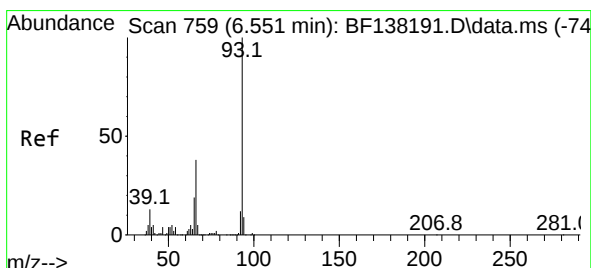
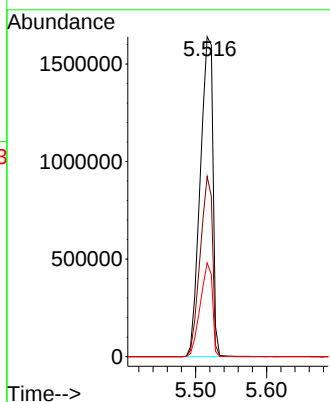
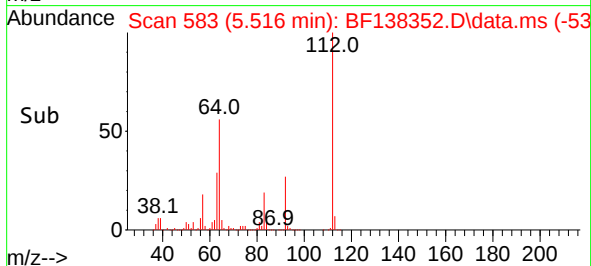
Tgt Ion:112 Resp: 204017
Ion Ratio Lower Upper
112 100
64 56.3 45.2 67.8
63 29.3 22.9 34.3

Manual Integrations

APPROVED

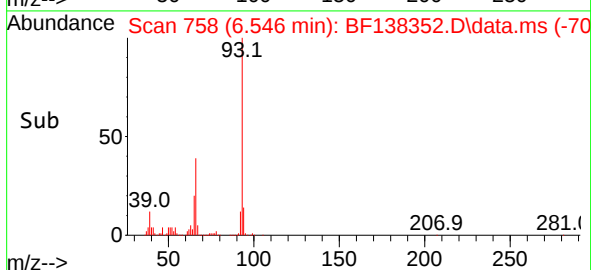
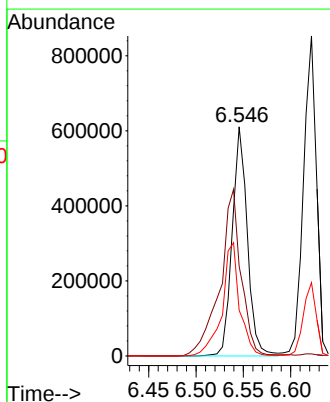
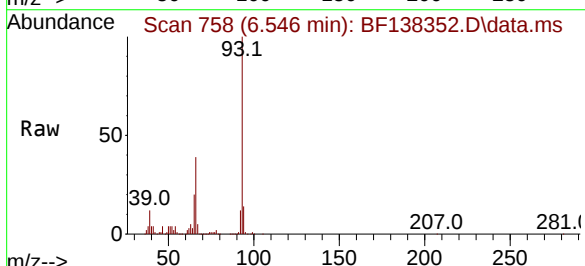
Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#6
Aniline
Concen: 30.147 ng
RT: 6.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

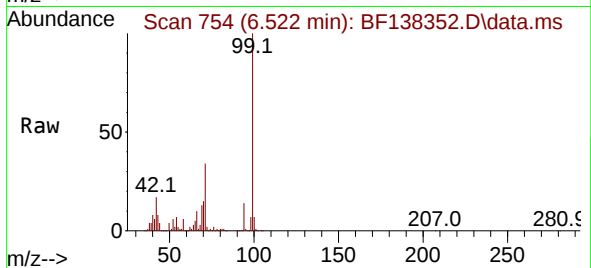
Tgt Ion: 93 Resp: 680440
Ion Ratio Lower Upper
93 100
66 39.2 30.8 46.2
65 19.9 15.5 23.3





#7
Phenol-d6
Concen: 111.787 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

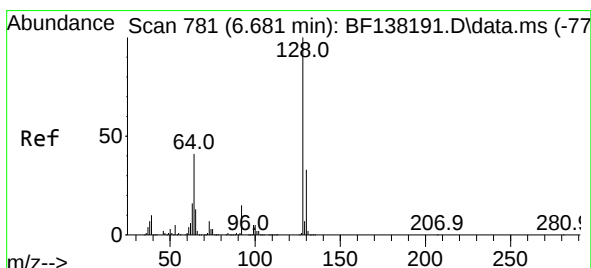
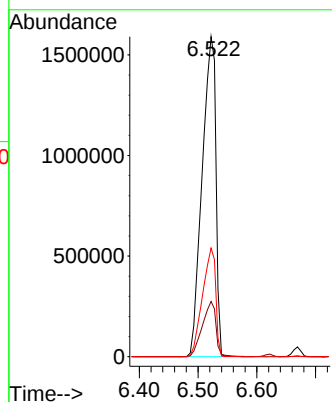
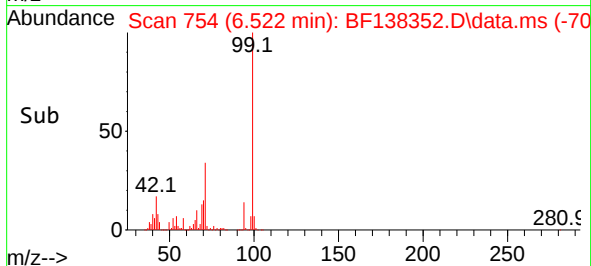
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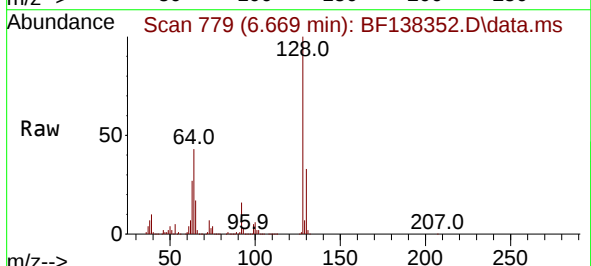
Tgt Ion: 99 Resp: 2578619
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 33.9 25.0 37.6

Manual Integrations
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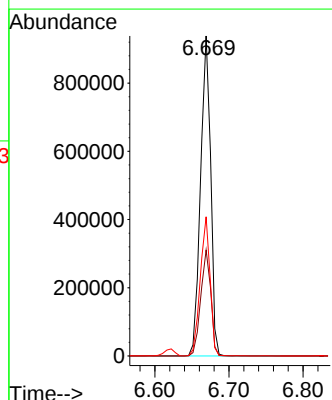
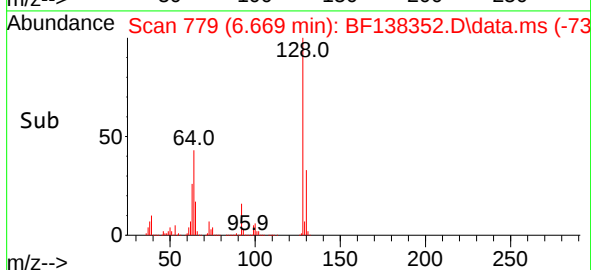
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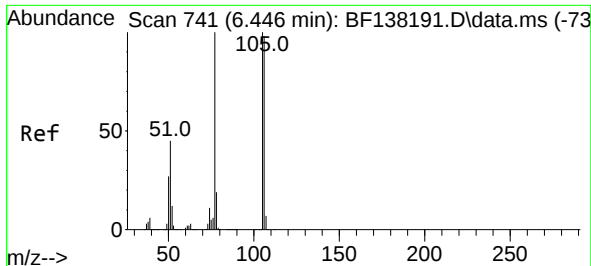


#8
2-Chlorophenol
Concen: 45.257 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



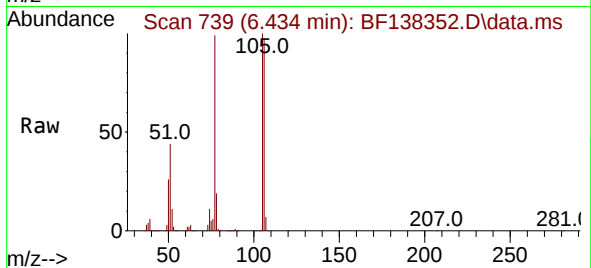
Tgt Ion:128 Resp: 890082
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 43.5 21.8 61.8





#9
Benzaldehyde
Concen: 43.673 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

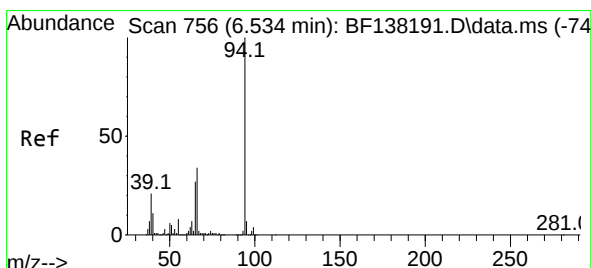
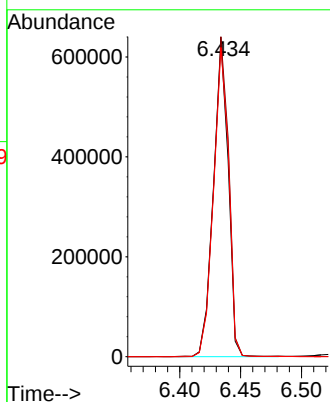
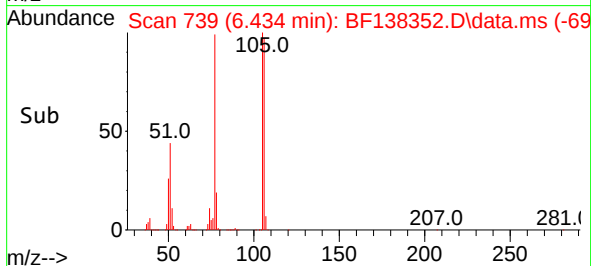
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Tgt Ion: 77 Resp: 53506
Ion Ratio Lower Upper
77 100
105 101.3 80.1 120.1
106 98.0 77.8 117.8

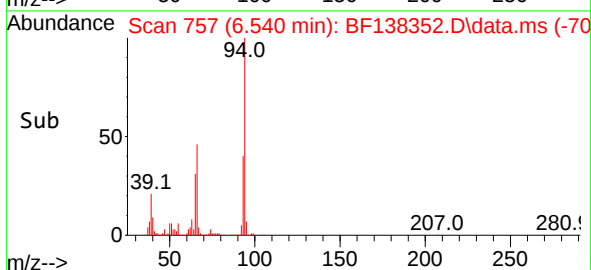
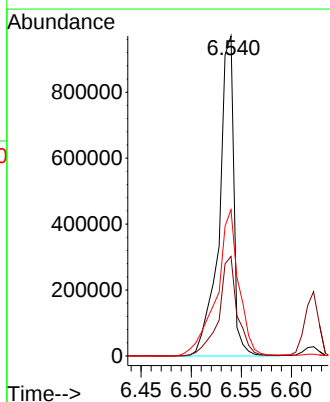
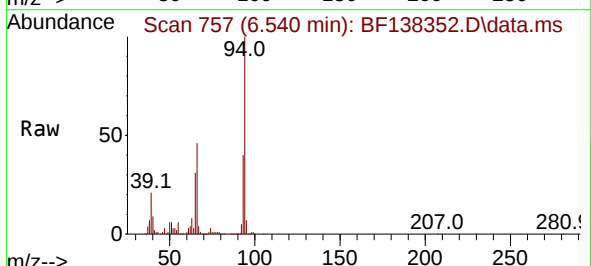
Manual Integrations
APPROVED

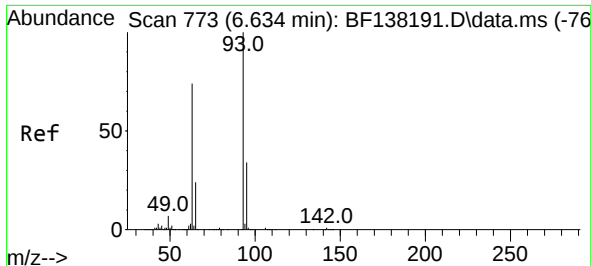
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Phenol
Concen: 42.341 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

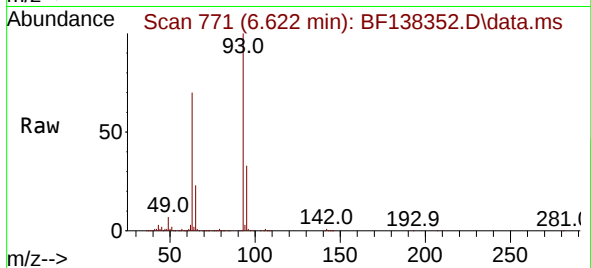
Tgt Ion: 94 Resp: 991162
Ion Ratio Lower Upper
94 100
65 31.1 6.8 46.8
66 45.7 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 43.693 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

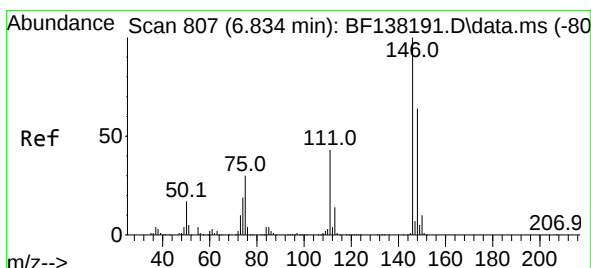
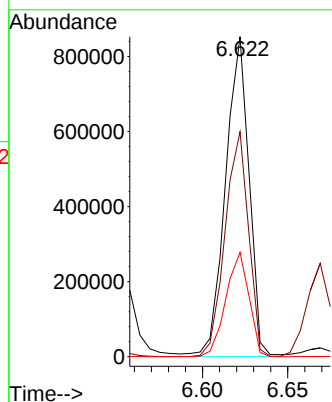
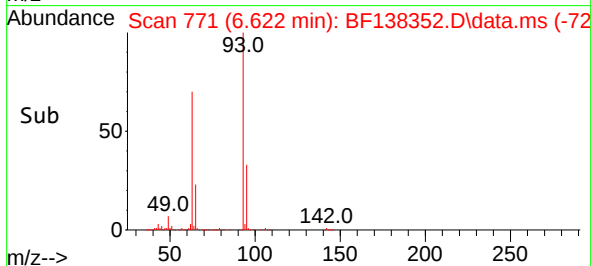
Instrument :
BNA_F
ClientSampleId :
PB161725BS



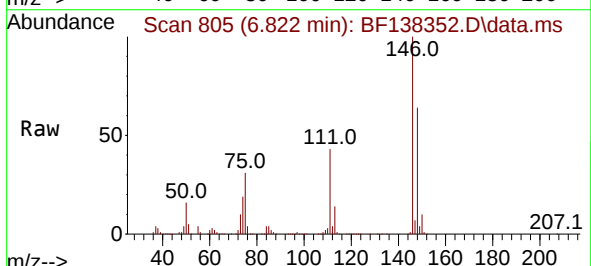
Tgt Ion: 93 Resp: 818618
Ion Ratio Lower Upper
93 100
63 70.3 52.5 92.5
95 32.6 13.2 53.2

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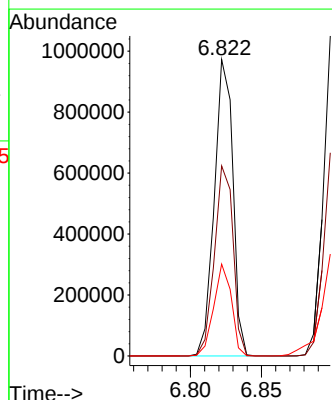
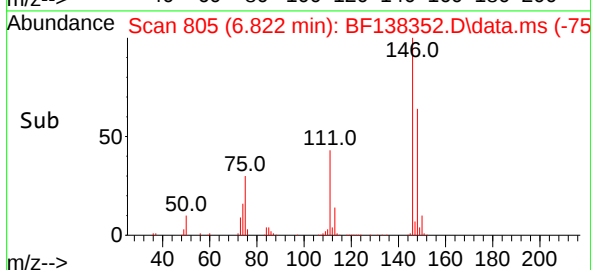
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

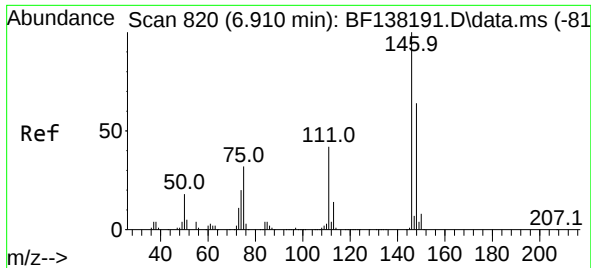


#12
1,3-Dichlorobenzene
Concen: 39.481 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



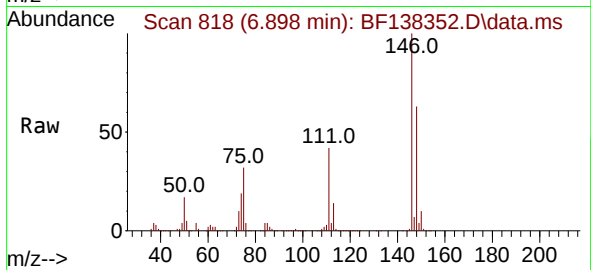
Tgt Ion:146 Resp: 882448
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
75 31.0 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 39.882 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

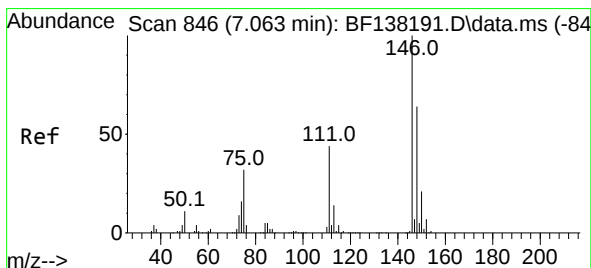
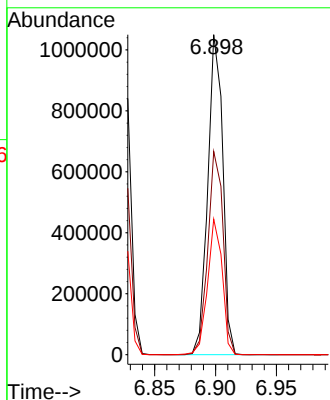
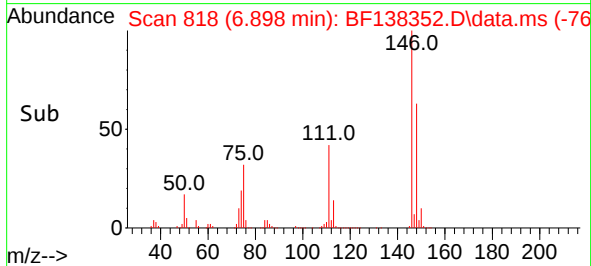
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion:146 Resp: 897064
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 42.3 33.7 50.5

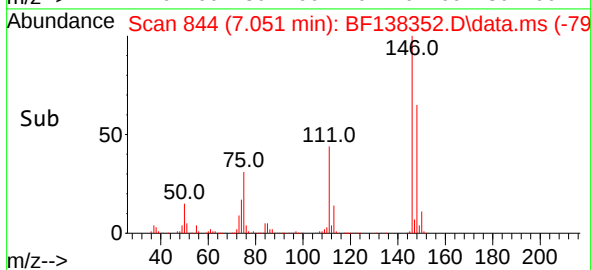
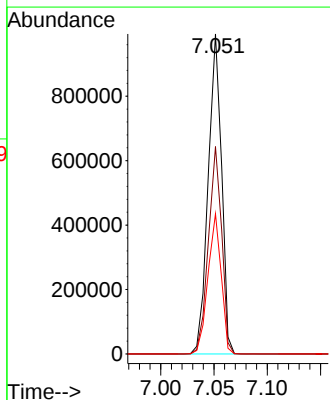
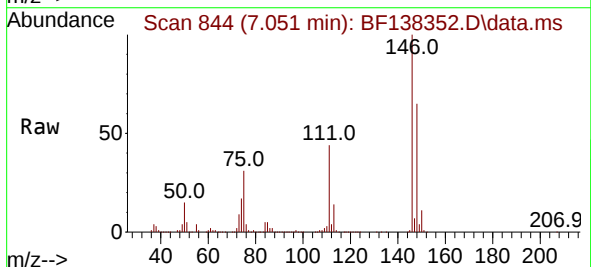
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 41.163 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:146 Resp: 869173
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 43.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 45.909 ng

RT: 7.028 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion: 79 Resp: 71403

Ion Ratio Lower Upper

79 100

108 80.8 65.9 98.9

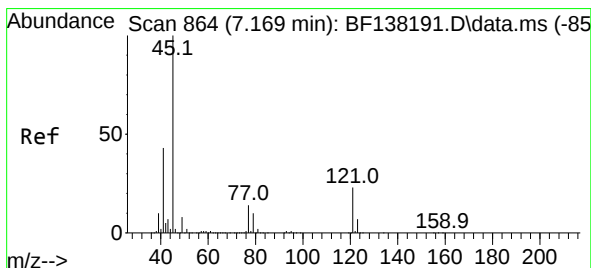
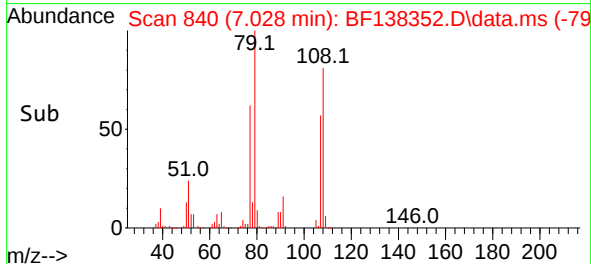
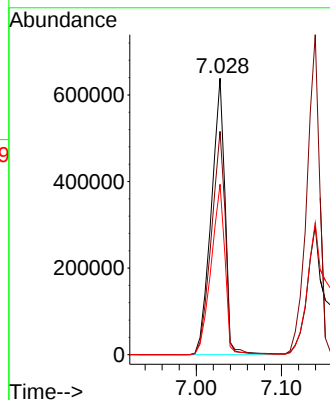
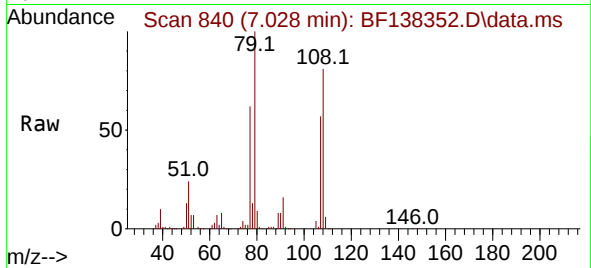
77 61.6 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.079 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.018 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

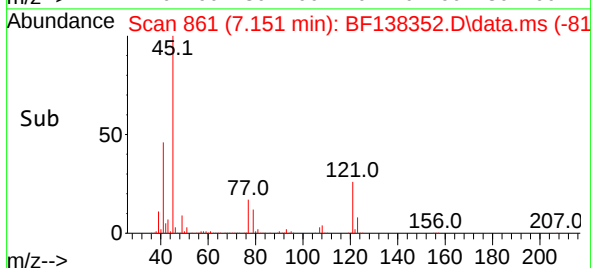
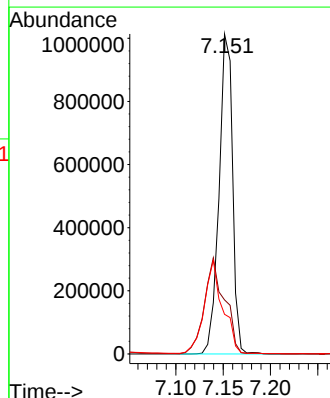
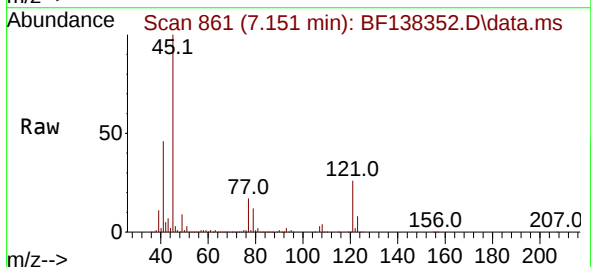
Tgt Ion: 45 Resp: 1006877

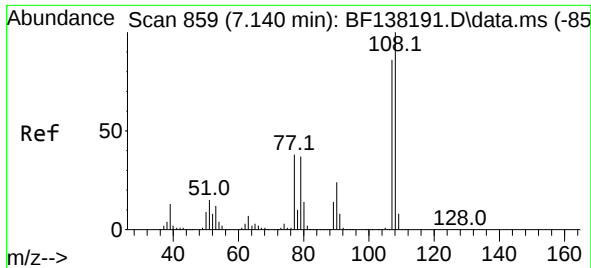
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.9

79 12.4 0.0 30.7





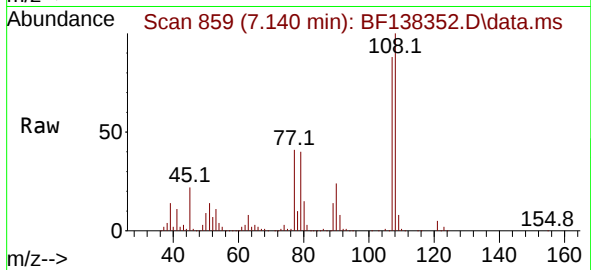
#17
2-Methylphenol
Concen: 43.754 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



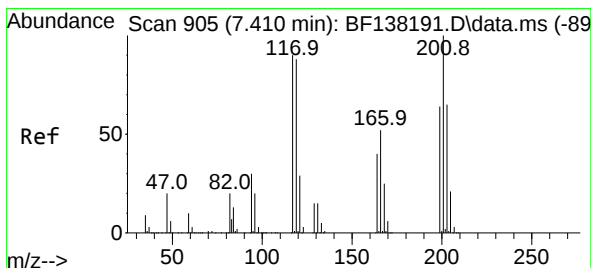
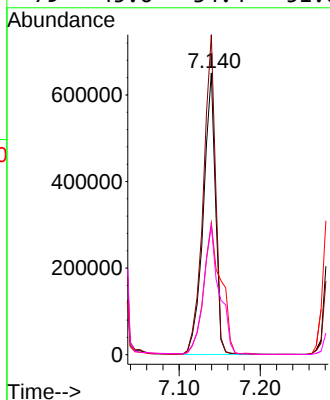
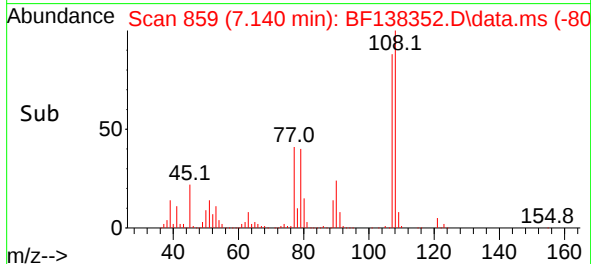
Tgt Ion:107 Resp: 678918
Ion Ratio Lower Upper
107 100
108 113.6 92.7 139.1
77 46.8 35.7 53.5
79 45.6 34.4 51.6

Manual Integrations

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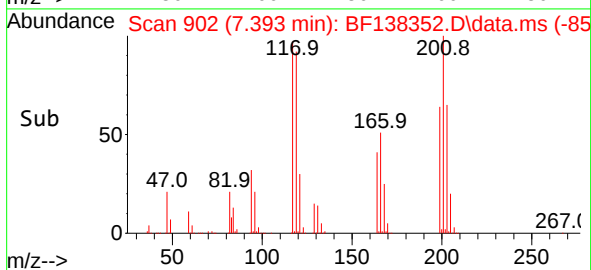
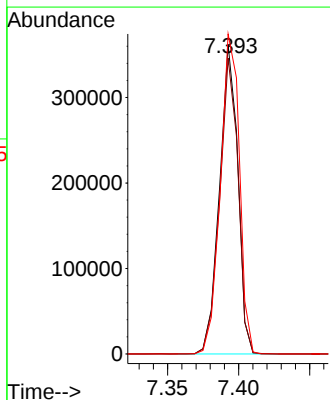
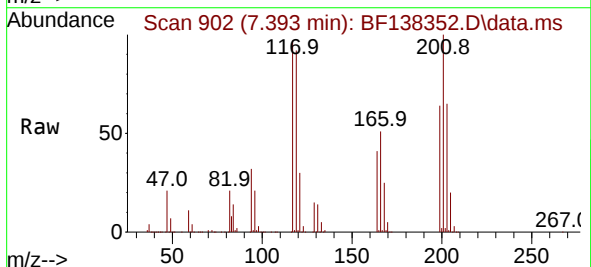
Reviewed By :Yogesh Patel 06/27/2024

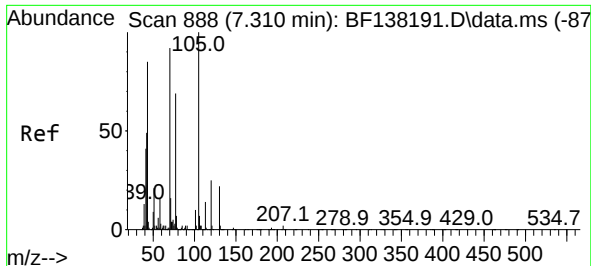
Supervised By :mohammad ahmed 06/27/2024



#18
Hexachloroethane
Concen: 42.390 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:117 Resp: 323022
Ion Ratio Lower Upper
117 100
119 95.6 78.4 117.6
201 103.4 89.0 133.6





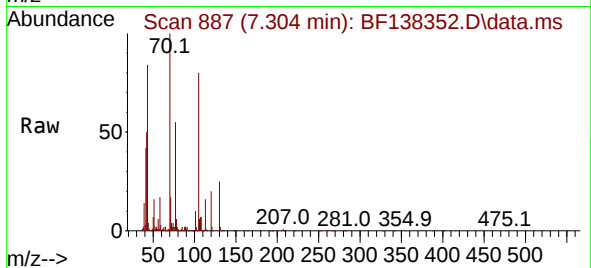
#19
n-Nitroso-di-n-propylamine
Concen: 40.952 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

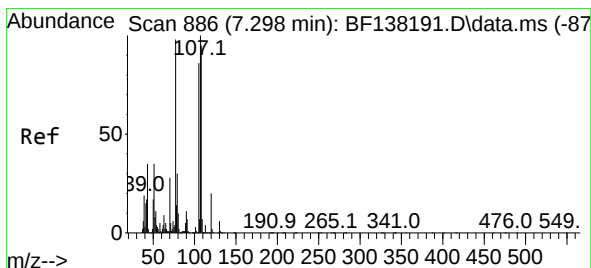
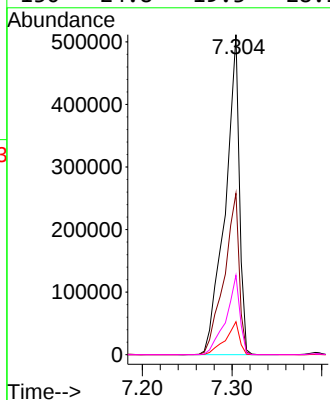
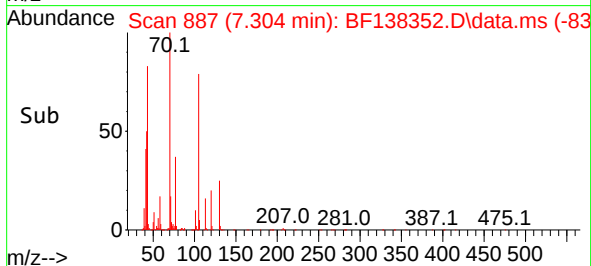
PB161725BS



Tgt Ion: 70 Resp: 55995
Ion Ratio Lower Upper
70 100
42 50.4 42.8 64.2
101 10.3 8.4 12.6
130 24.8 19.3 28.9

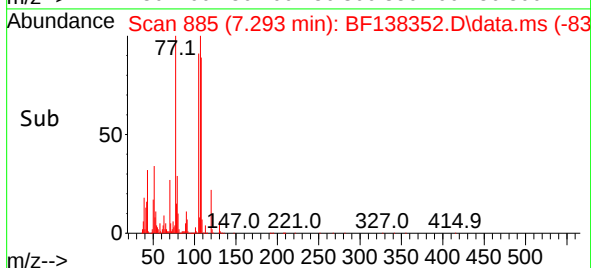
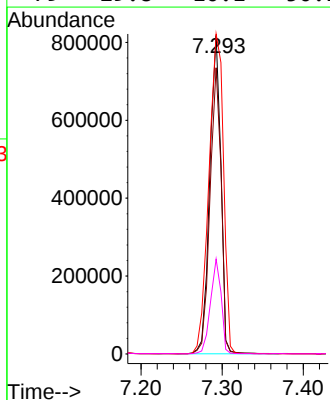
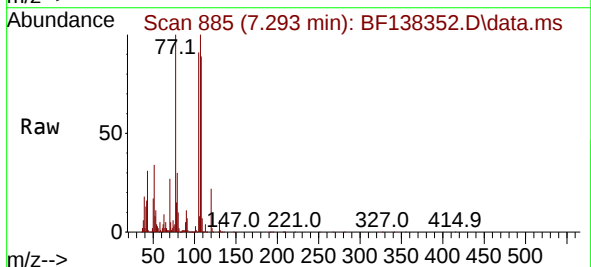
Manual Integrations
APPROVED

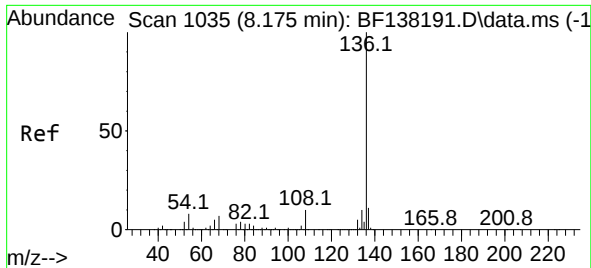
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#20
3+4-Methylphenols
Concen: 39.661 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:107 Resp: 774592
Ion Ratio Lower Upper
107 100
108 89.8 74.9 114.9
77 100.5 78.2 118.2
79 29.8 10.1 50.1





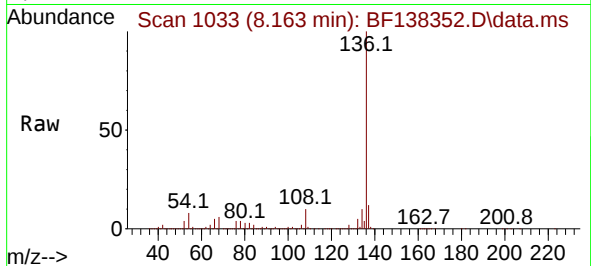
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



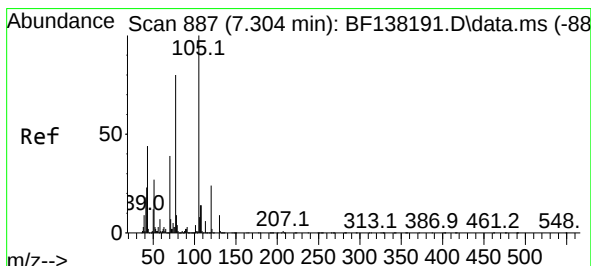
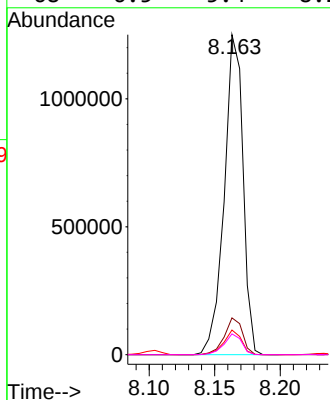
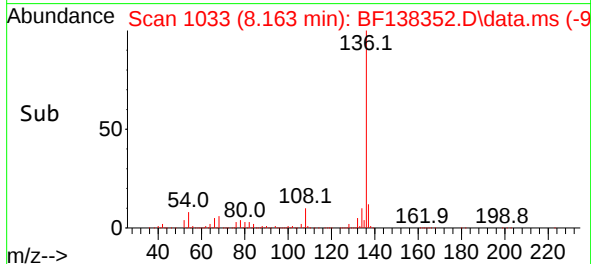
Tgt Ion:136 Resp: 1246190
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.7 6.6 10.0
68 6.5 5.4 8.2

Manual Integrations

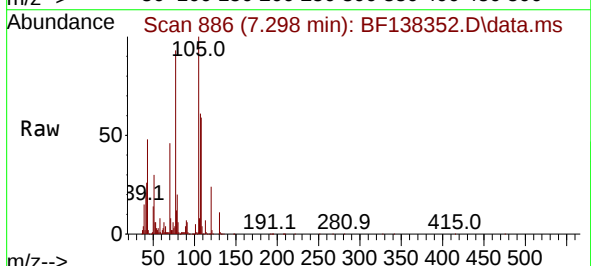
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

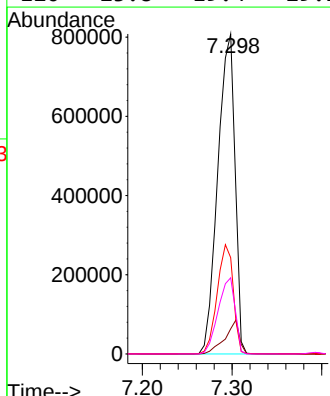
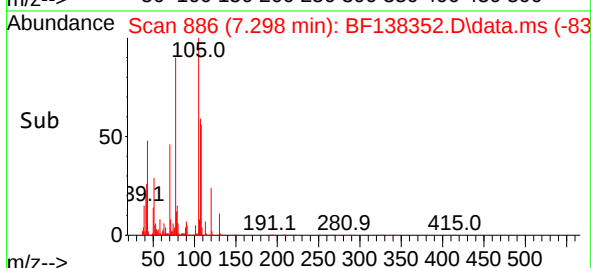
Supervised By :mohammad ahmed 06/27/2024



#22
Acetophenone
Concen: 37.758 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



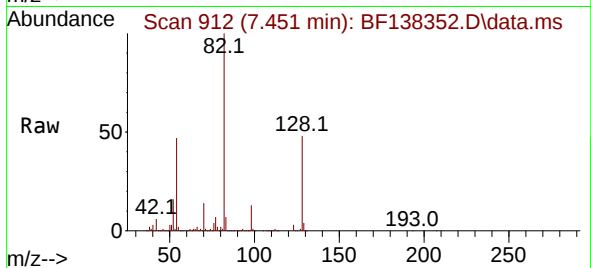
Tgt Ion:105 Resp: 1074899
Ion Ratio Lower Upper
105 100
71 7.9 5.4 8.2
51 30.1 21.4 32.0
120 23.8 19.4 29.2





#23
Nitrobenzene-d5
Concen: 78.303 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

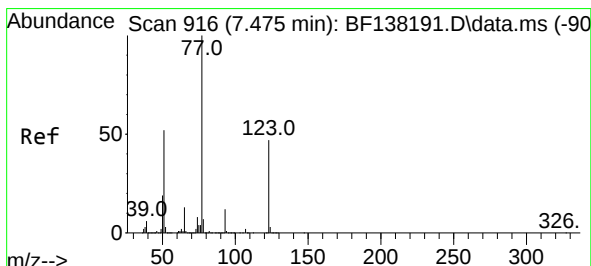
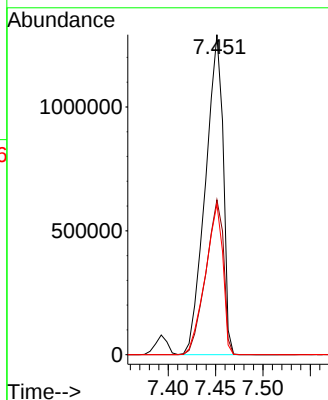
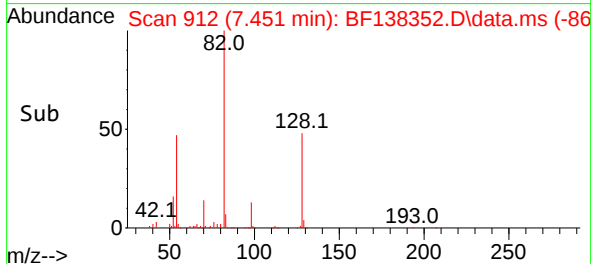
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion: 82 Resp: 1676174
Ion Ratio Lower Upper
82 100
128 48.4 37.2 55.8
54 47.1 39.8 59.6

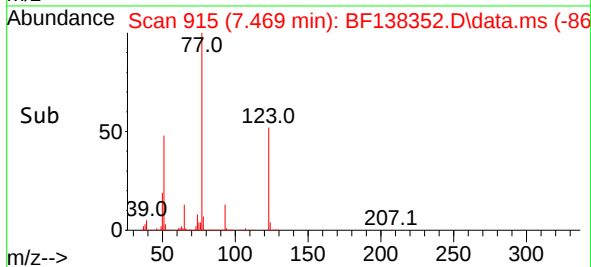
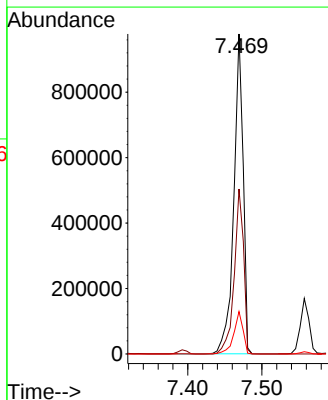
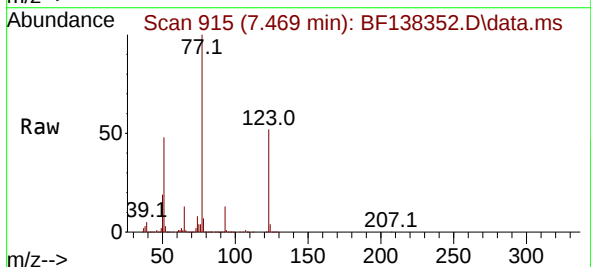
Manual Integrations
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Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Nitrobenzene
Concen: 38.544 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion: 77 Resp: 852760
Ion Ratio Lower Upper
77 100
123 51.6 37.3 55.9
65 13.3 10.6 15.8





#25
Isophorone
Concen: 42.311 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

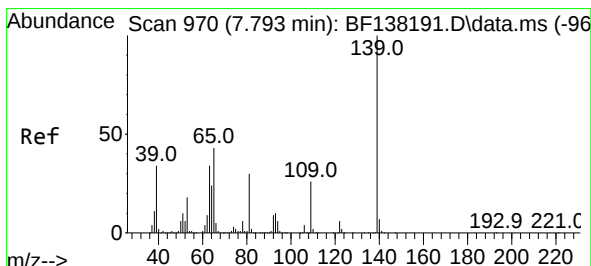
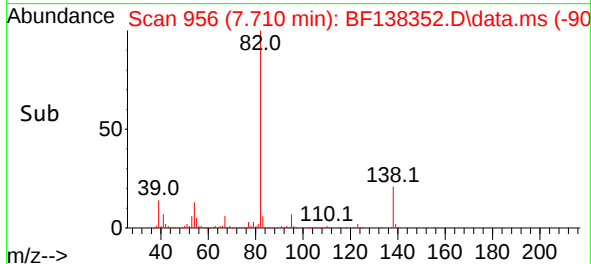
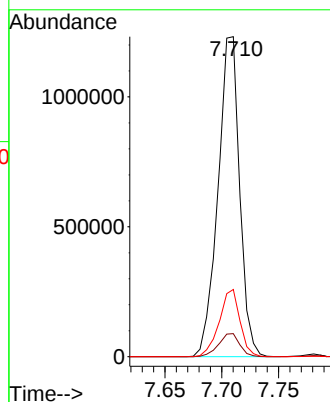
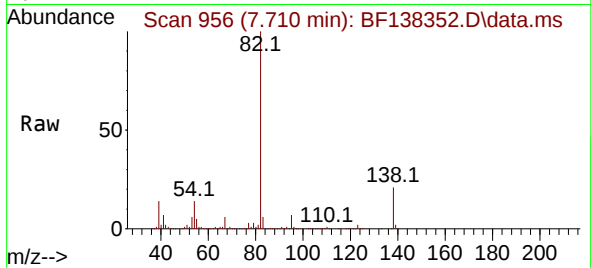
PB161725BS

Tgt Ion: 82 Resp: 163827
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 21.0 16.4 24.6

Manual Integrations

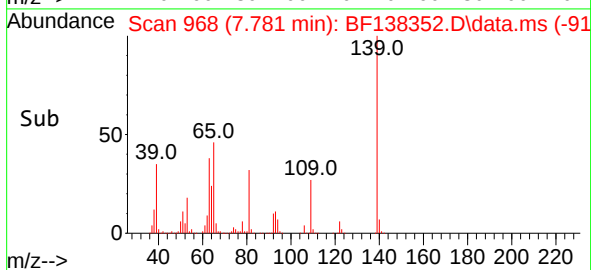
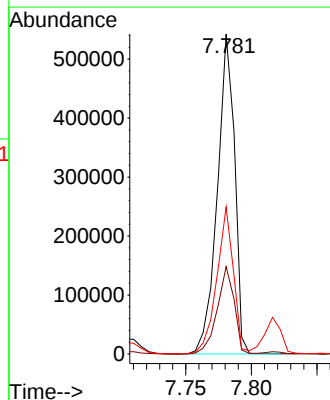
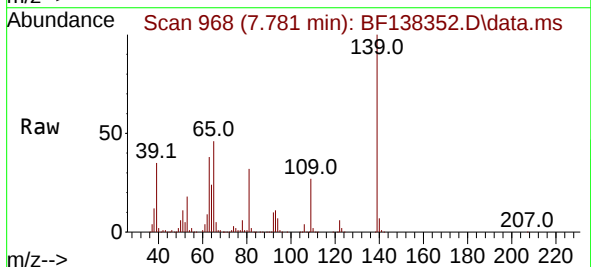
APPROVED

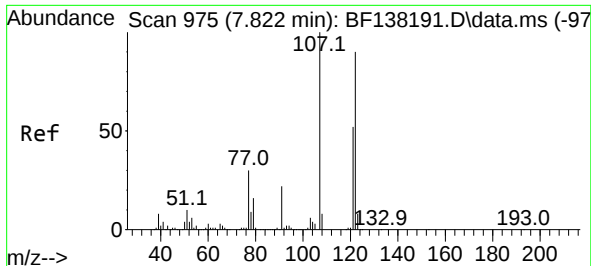
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 55.835 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:139 Resp: 496730
Ion Ratio Lower Upper
139 100
109 27.3 20.7 31.1
65 45.9 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 45.563 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138352.D

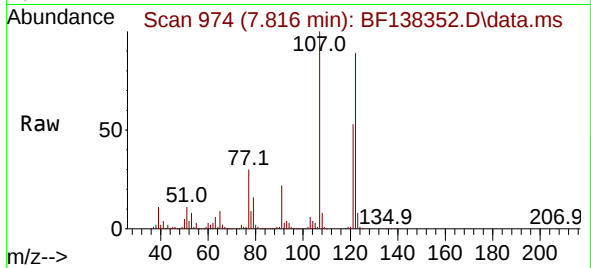
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



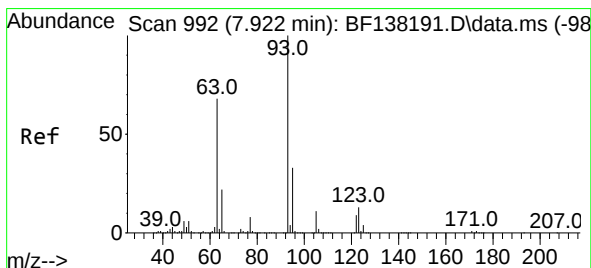
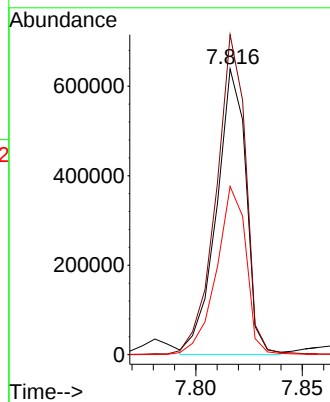
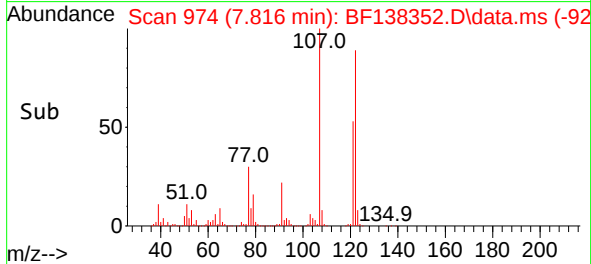
Tgt Ion:	122	Resp:	61669
Ion Ratio	Lower	Upper	
122	100		
107	112.0	87.7	131.5
121	58.9	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.735 ng

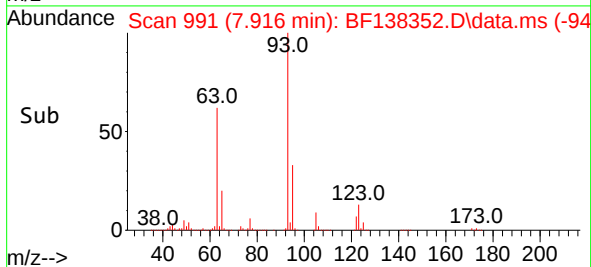
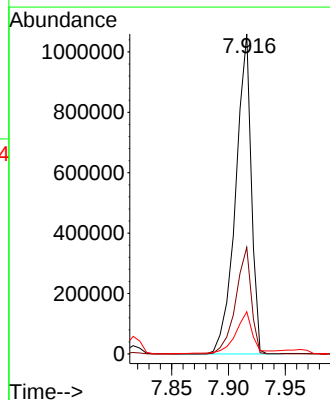
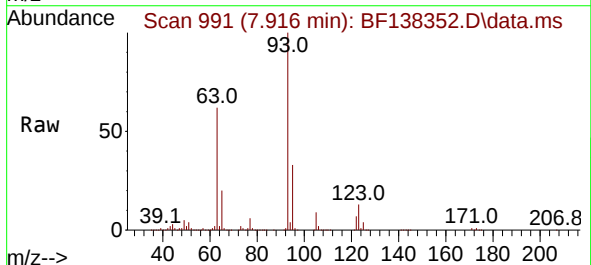
RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Tgt Ion:	93	Resp:	1011549
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	39.8
123	13.2	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 43.258 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

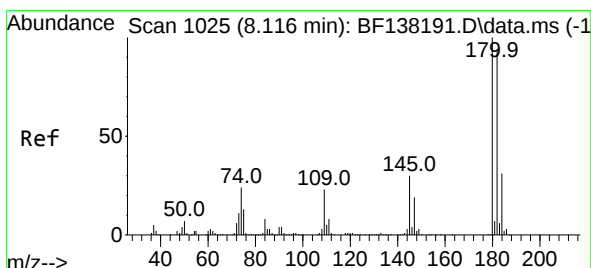
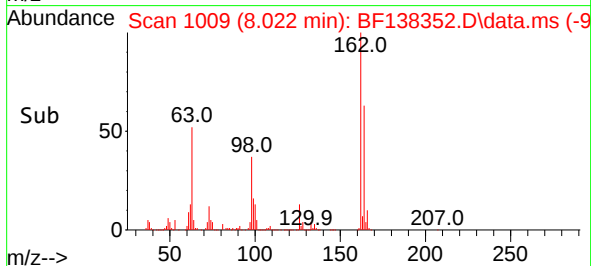
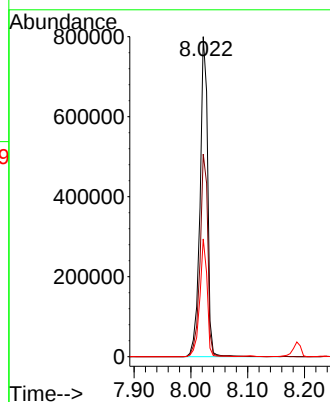
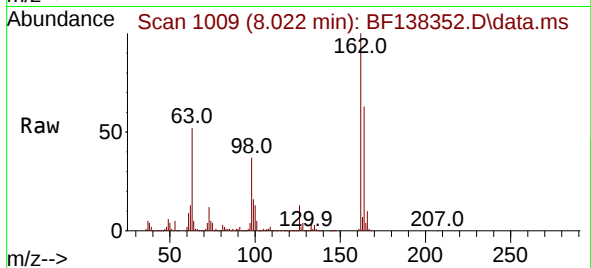
Tgt Ion:162 Resp: 75380
 Ion Ratio Lower Upper
 162 100
 164 63.3 44.3 84.3
 98 36.8 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.401 ng

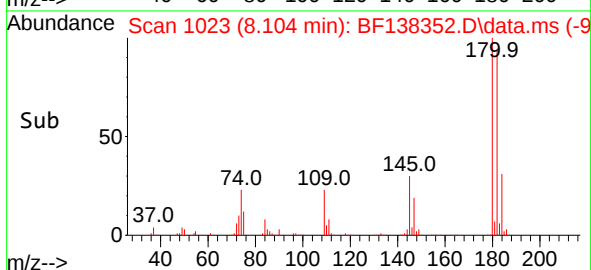
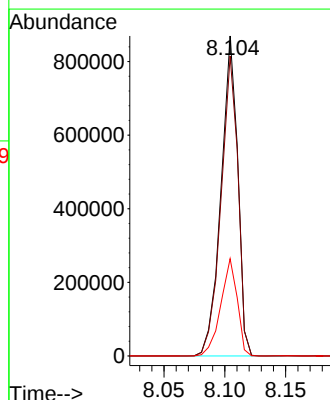
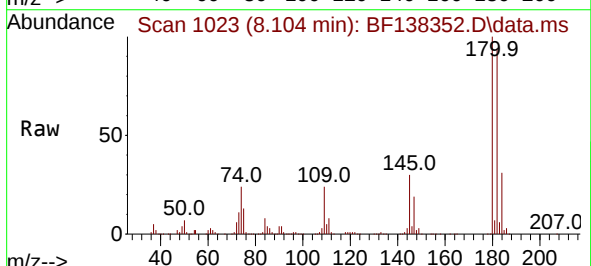
RT: 8.104 min Scan# 1023

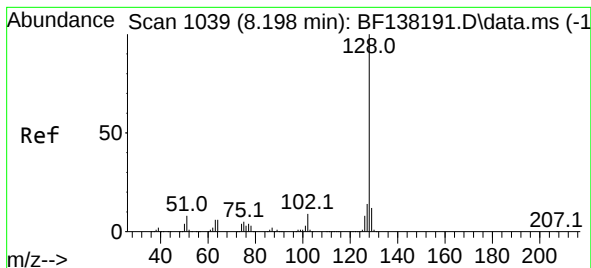
Delta R.T. -0.012 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Tgt Ion:180 Resp: 830258
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.6
 145 30.4 23.8 35.6





#31

Naphthalene

Concen: 39.233 ng

RT: 8.187 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion:128 Resp: 2417600

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

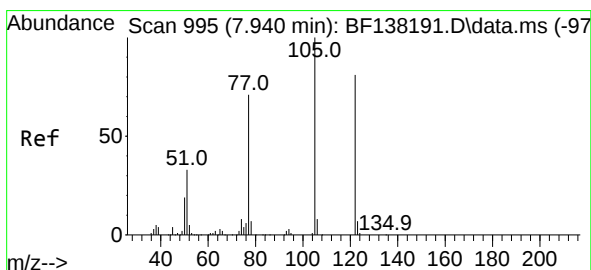
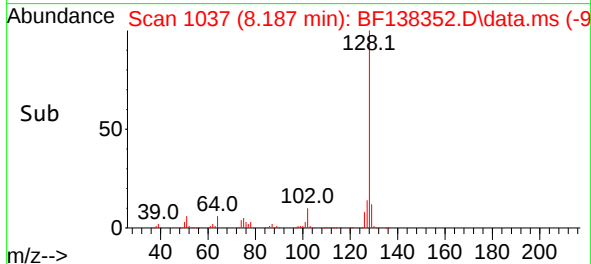
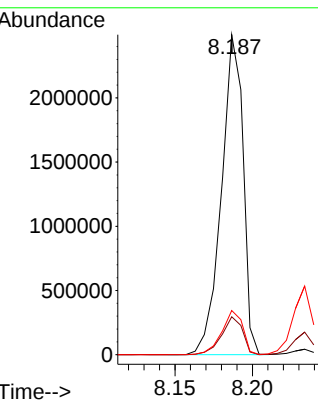
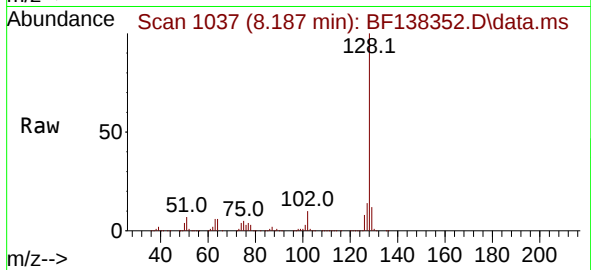
127 13.8 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#32

Benzoic acid

Concen: 52.542 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.023 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

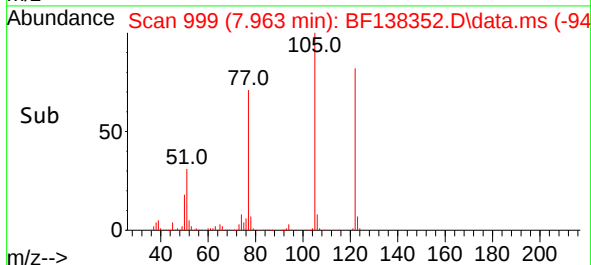
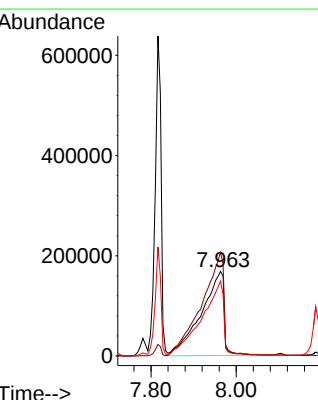
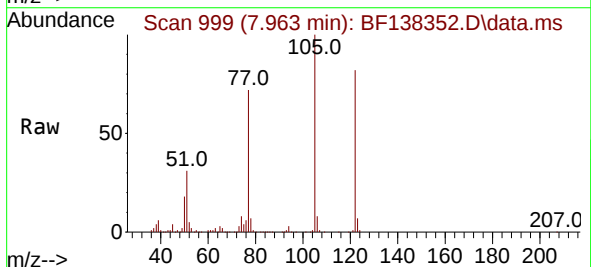
Tgt Ion:122 Resp: 626774

Ion Ratio Lower Upper

122 100

105 122.4 100.1 140.1

77 88.4 66.5 106.5





#33
4-Chloroaniline
Concen: 22.894 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

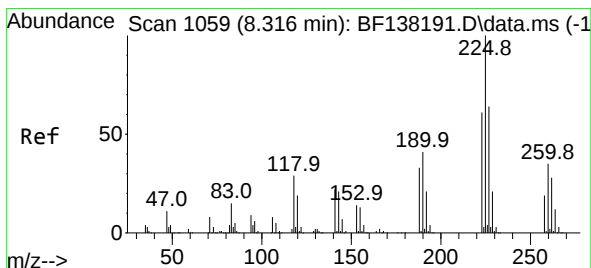
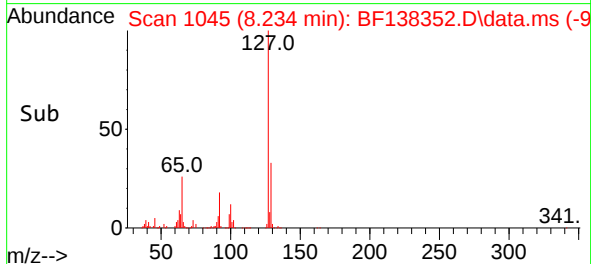
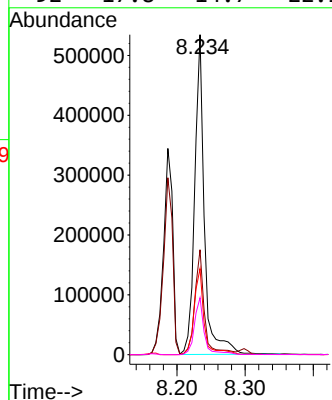
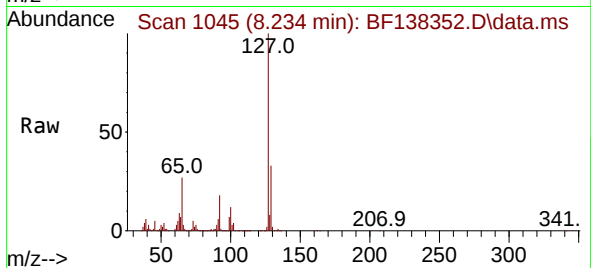
PB161725BS

Tgt Ion:127 Resp: 527272
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 26.9 23.6 35.4
92 17.8 14.7 22.1

Manual Integrations

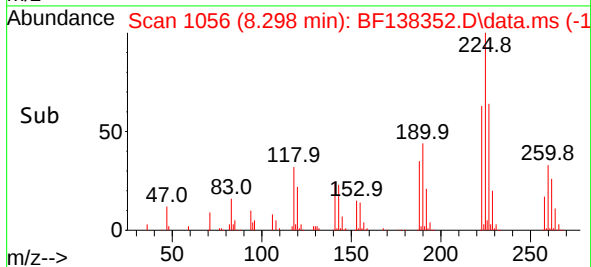
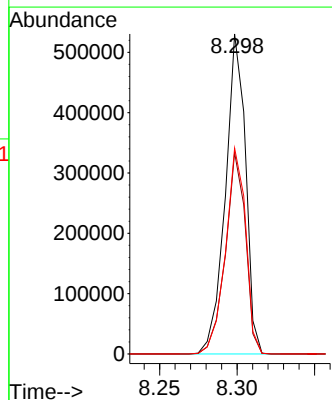
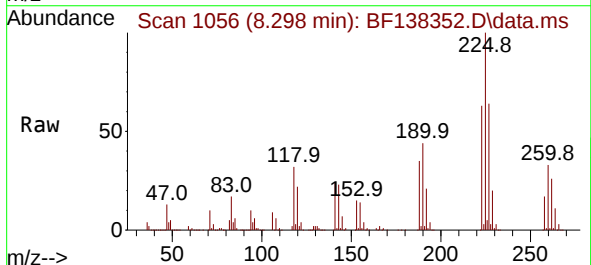
APPROVED

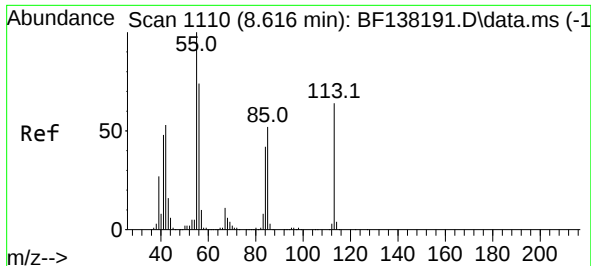
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#34
Hexachlorobutadiene
Concen: 39.950 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.018 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

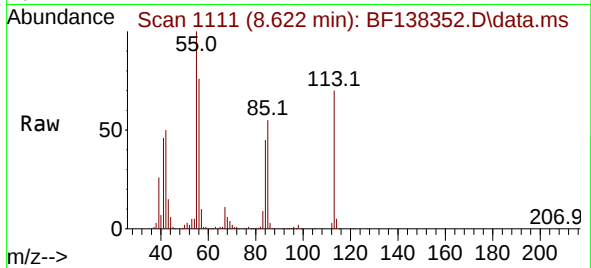
Tgt Ion:225 Resp: 480149
Ion Ratio Lower Upper
225 100
223 62.9 49.0 73.6
227 64.4 51.2 76.8





#35
Caprolactam
Concen: 50.016 ng m
RT: 8.622 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

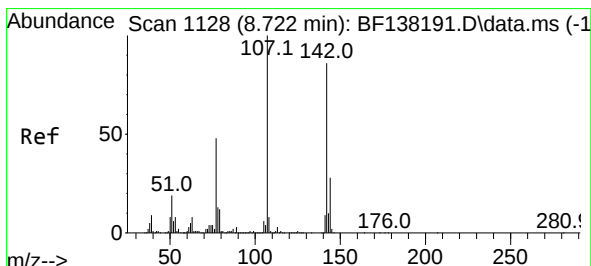
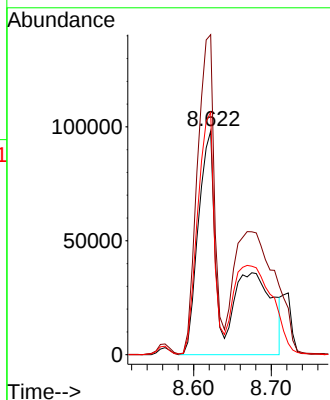
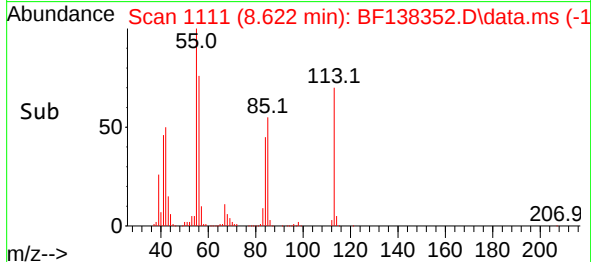
Instrument :
BNA_F
ClientSampleId :
PB161725BS



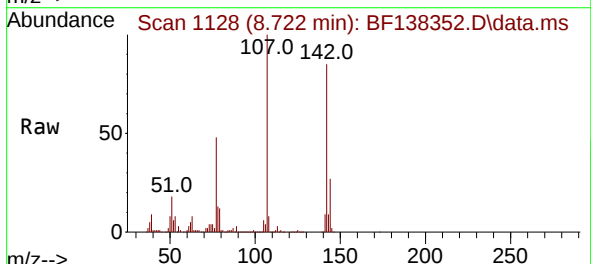
Tgt Ion:113 Resp: 26312
Ion Ratio Lower Upper
113 100
55 143.1 135.4 175.4
56 108.4 95.5 135.5

Manual Integrations
APPROVED

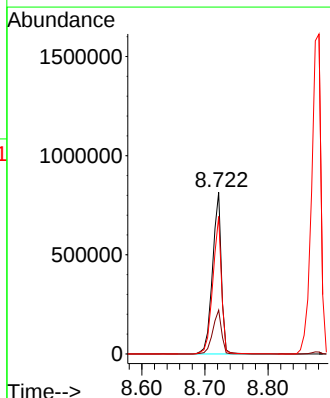
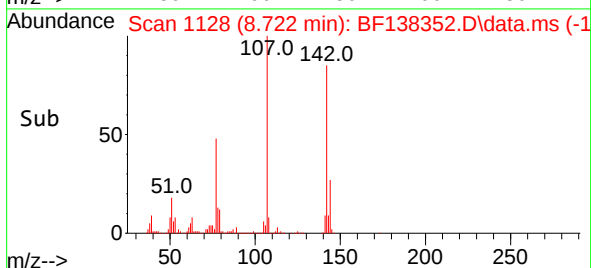
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

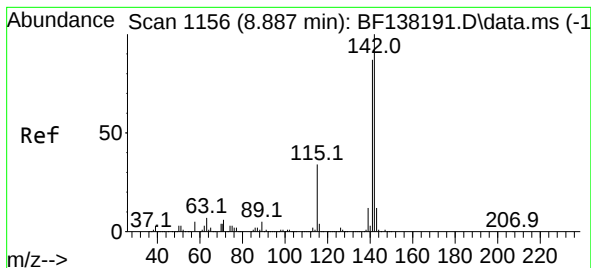


#36
4-Chloro-3-methylphenol
Concen: 45.471 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



Tgt Ion:107 Resp: 788910
Ion Ratio Lower Upper
107 100
144 27.1 22.6 34.0
142 85.0 69.0 103.4





#37

2-Methylnaphthalene

Concen: 41.156 ng

RT: 8.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion:142 Resp: 166440

Ion Ratio Lower Upper

142 100

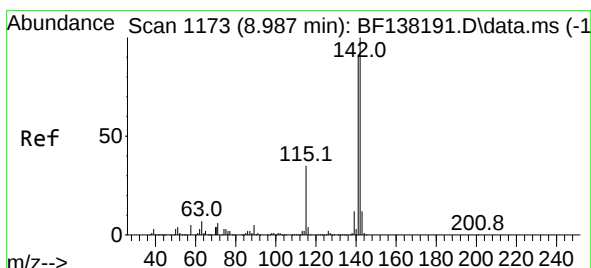
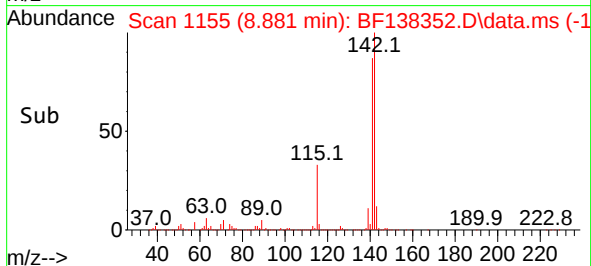
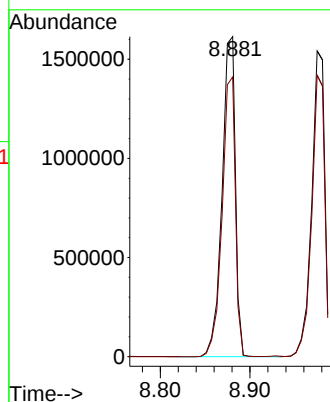
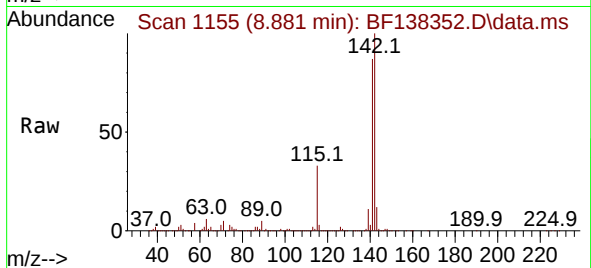
141 87.4 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

1-Methylnaphthalene

Concen: 39.180 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138352.D

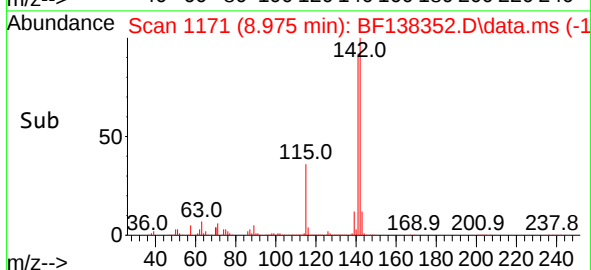
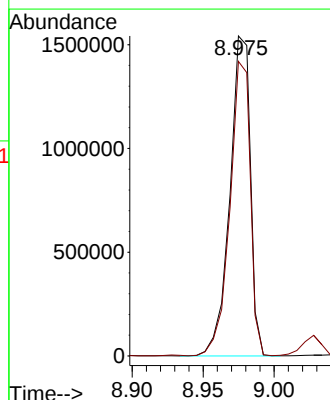
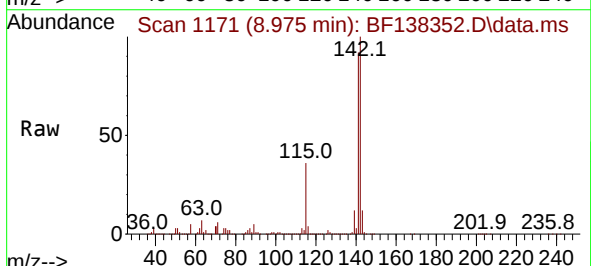
Acq: 26 Jun 2024 15:15

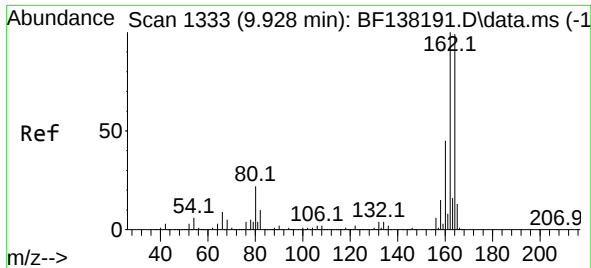
Tgt Ion:142 Resp: 1552750

Ion Ratio Lower Upper

142 100

141 92.1 72.8 109.2





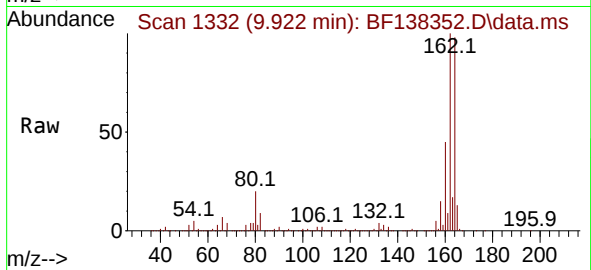
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



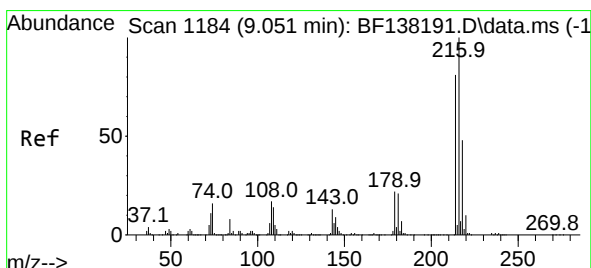
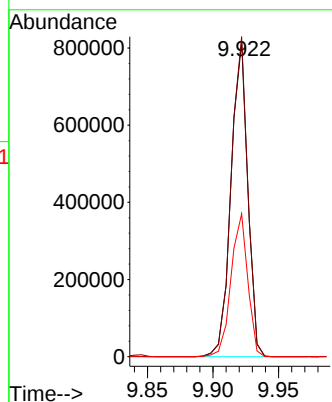
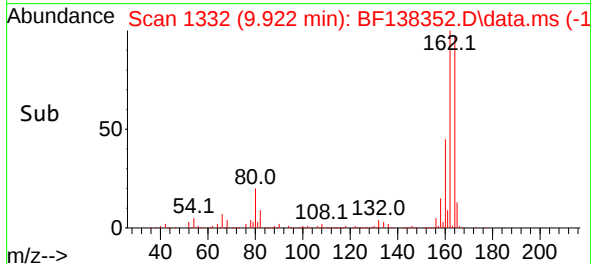
Tgt Ion:164 Resp: 722328
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 45.4 36.3 54.5

Manual Integrations

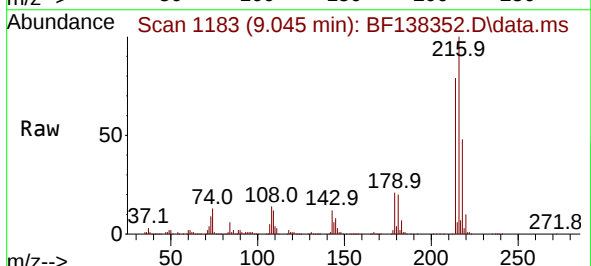
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

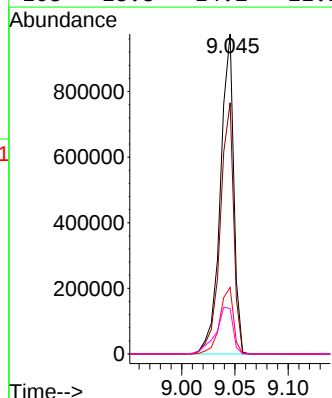
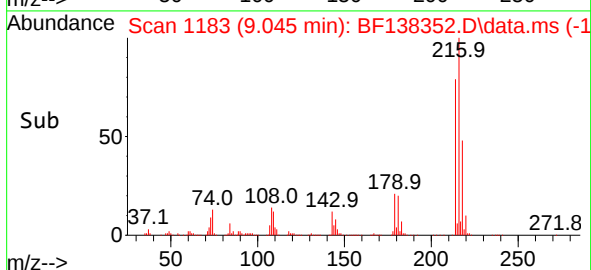
Supervised By :mohammad ahmed 06/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.060 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



Tgt Ion:216 Resp: 845566
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.3 16.9 25.3
108 18.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 116.141 ng
RT: 9.028 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

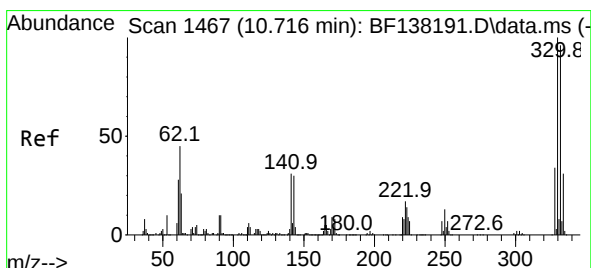
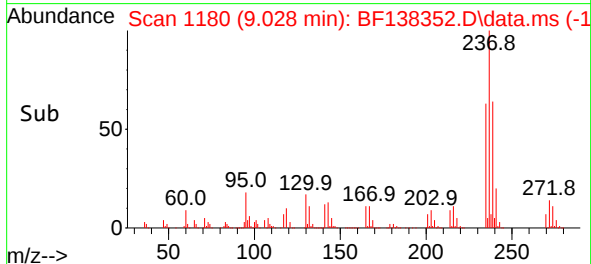
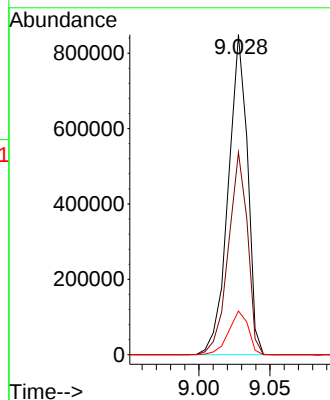
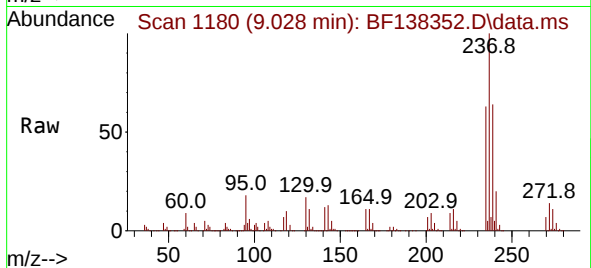
PB161725BS

Tgt Ion:237 Resp: 799352
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 13.7 0.0 34.0

Manual Integrations

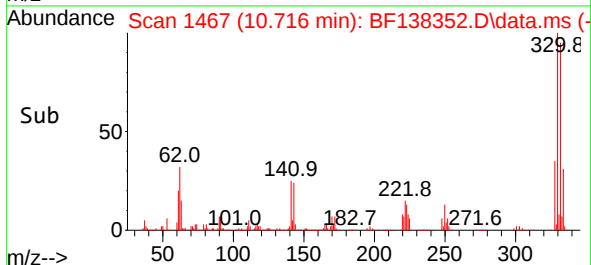
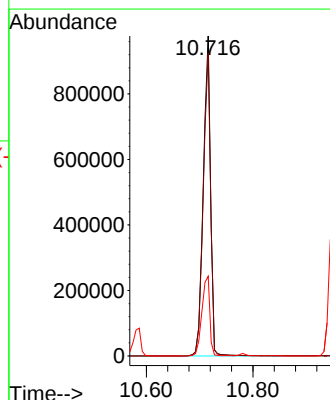
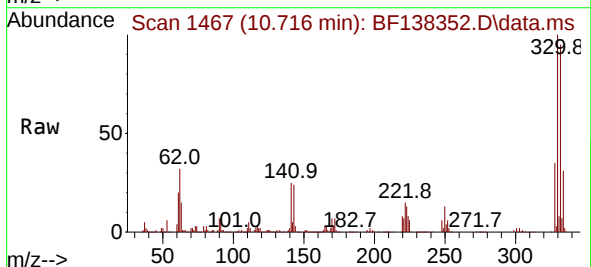
APPROVED

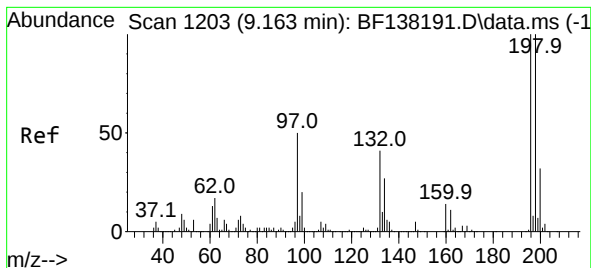
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#42
2,4,6-Tribromophenol
Concen: 127.643 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:330 Resp: 917870
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 27.3 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 45.075 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion:196 Resp: 59573

Ion Ratio Lower Upper

196 100

198 97.7 79.8 119.6

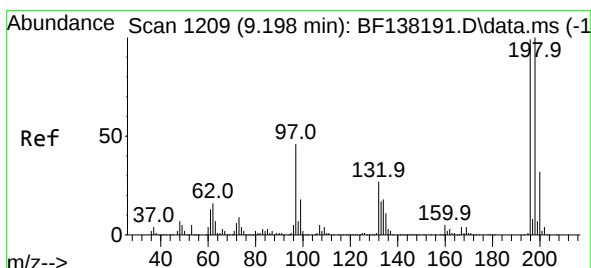
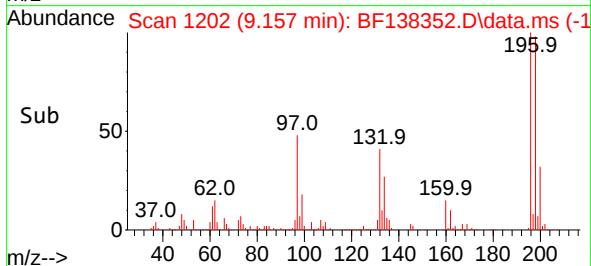
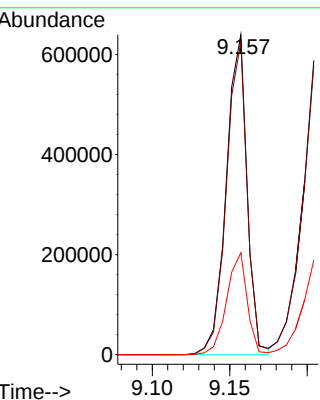
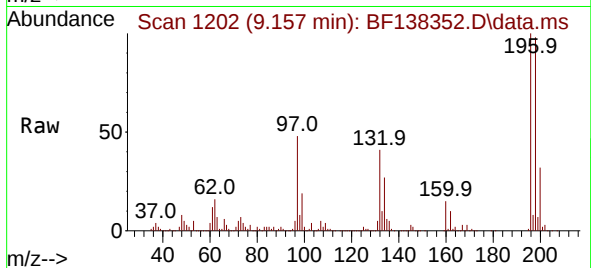
200 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#44

2,4,5-Trichlorophenol

Concen: 43.564 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Tgt Ion:196 Resp: 632291

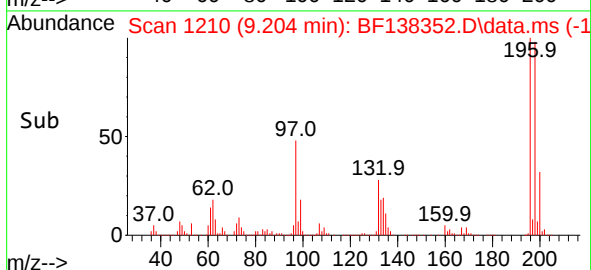
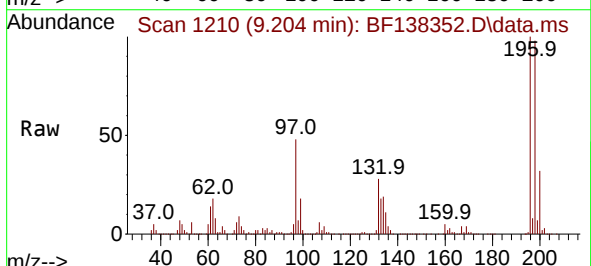
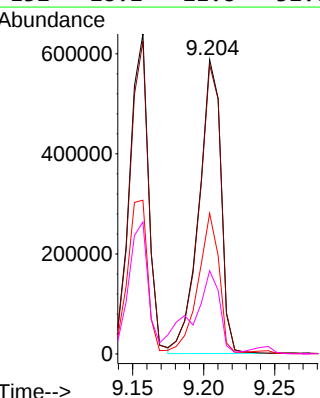
Ion Ratio Lower Upper

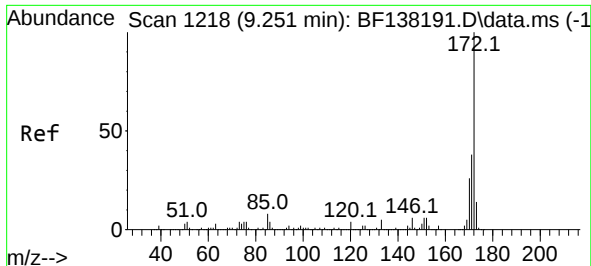
196 100

198 98.2 80.4 120.6

97 47.8 37.4 56.2

132 28.2 21.8 32.6





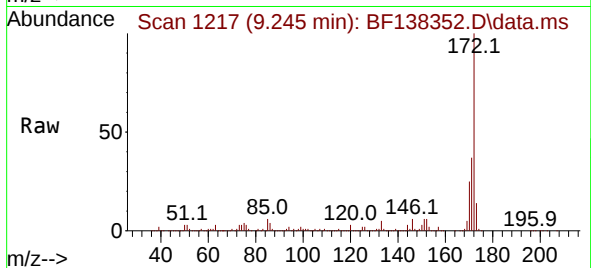
#45
2-Fluorobiphenyl
Concen: 69.551 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

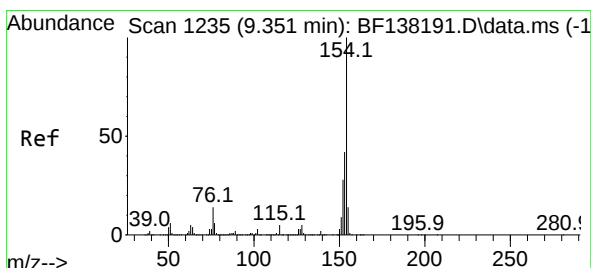
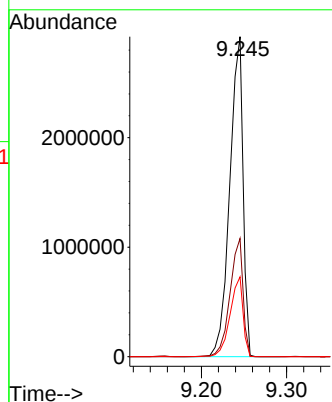
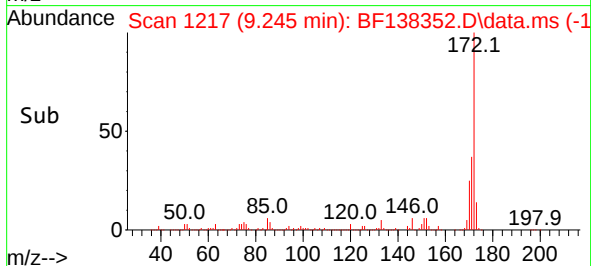


Tgt Ion:172 Resp: 3159378
Ion Ratio Lower Upper
172 100
171 36.9 30.3 45.5
170 25.0 20.6 30.8

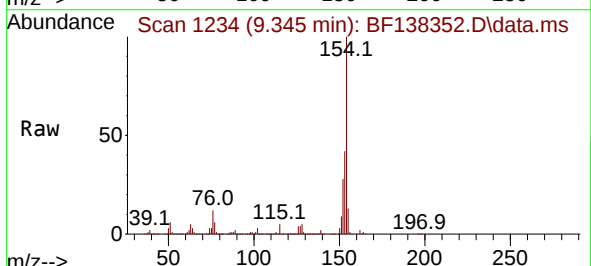
Manual Integrations

APPROVED

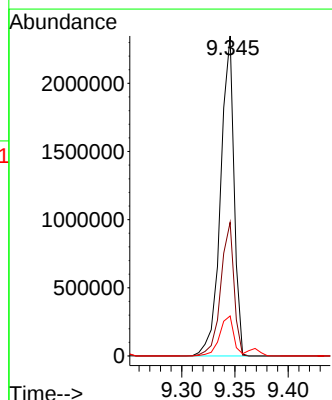
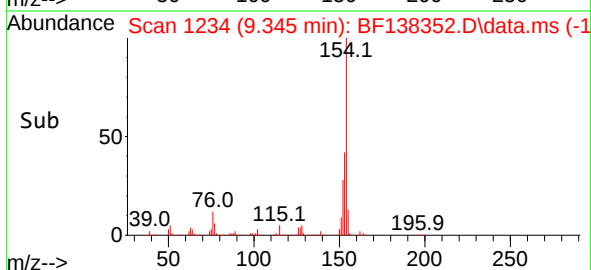
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

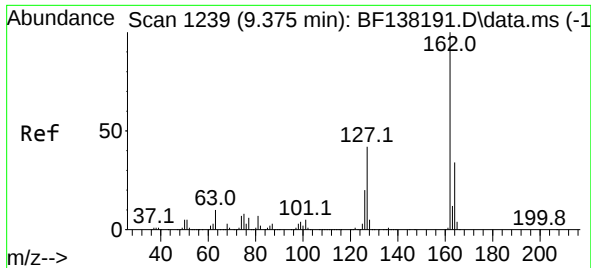


#46
1,1'-Biphenyl
Concen: 38.736 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



Tgt Ion:154 Resp: 2053166
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 12.5 0.0 34.3





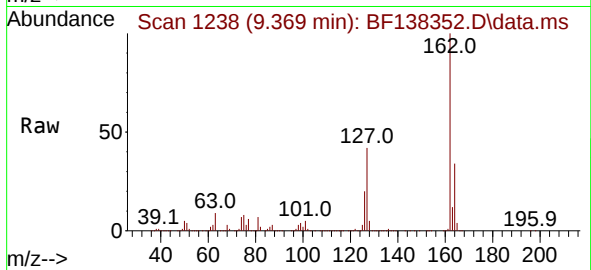
#47
2-Chloronaphthalene
Concen: 39.256 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

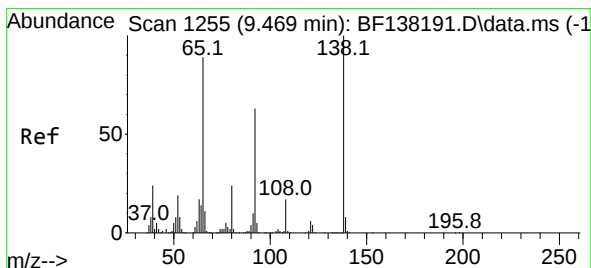
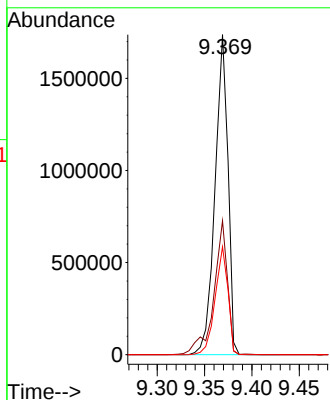
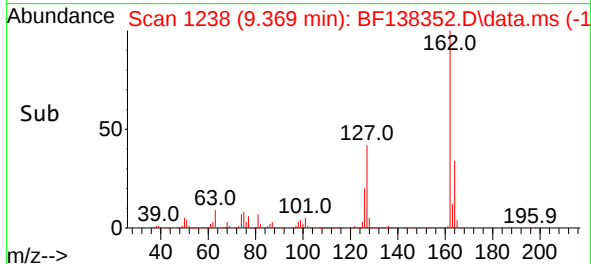


Tgt Ion:162 Resp: 1644380
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 33.7 27.2 40.8

Manual Integrations

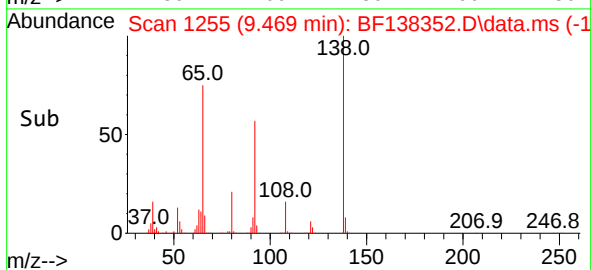
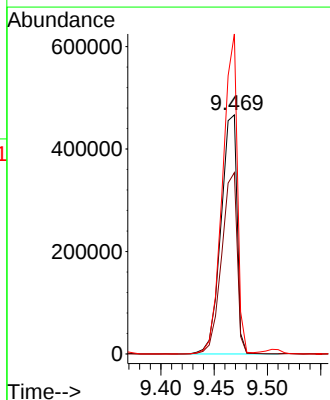
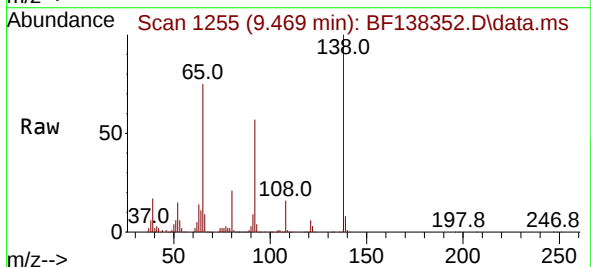
APPROVED

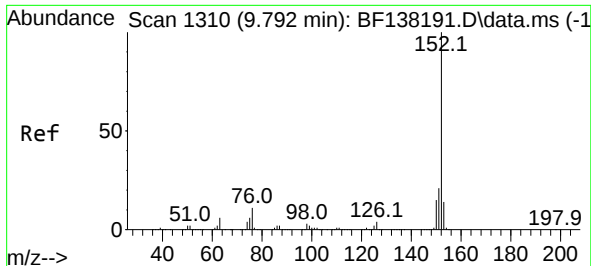
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#48
2-Nitroaniline
Concen: 48.571 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion: 65 Resp: 489988
Ion Ratio Lower Upper
65 100
92 75.8 56.6 85.0
138 133.8 90.1 135.1





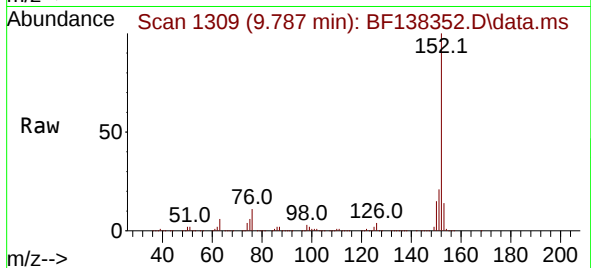
#49
Acenaphthylene
Concen: 42.604 ng
RT: 9.787 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



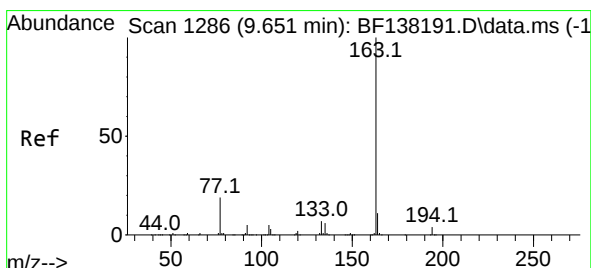
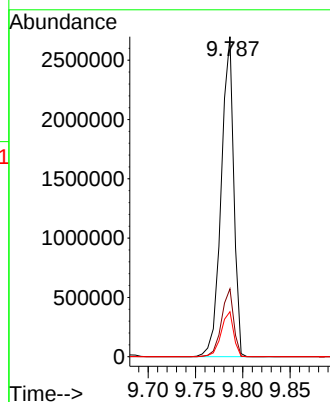
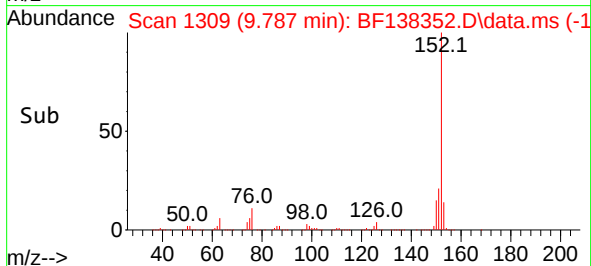
Tgt Ion:152 Resp: 250249
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 14.0 11.4 17.0

Manual Integrations

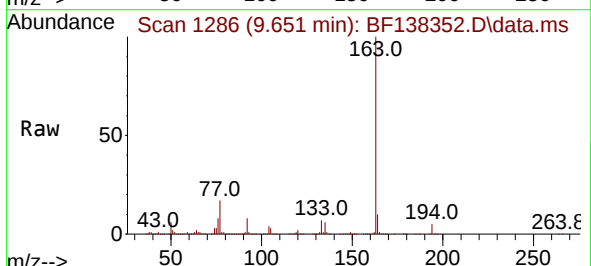
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

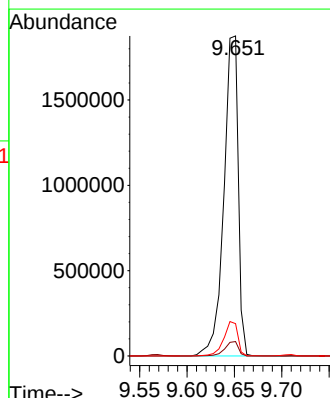
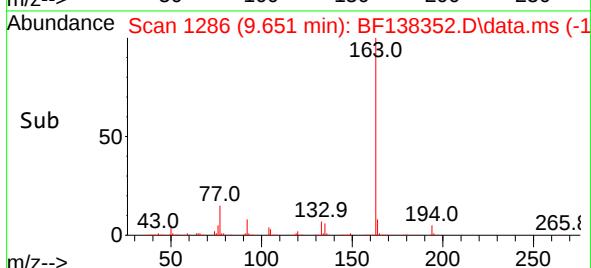
Supervised By :mohammad ahmed 06/27/2024

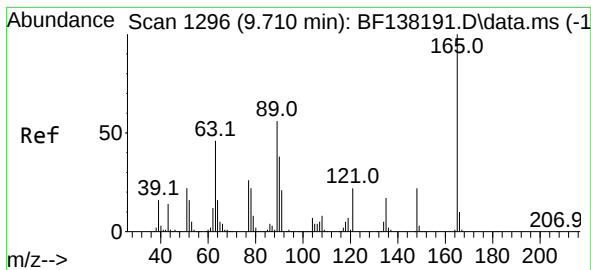


#50
Dimethylphthalate
Concen: 44.849 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



Tgt Ion:163 Resp: 1984879
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.595 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

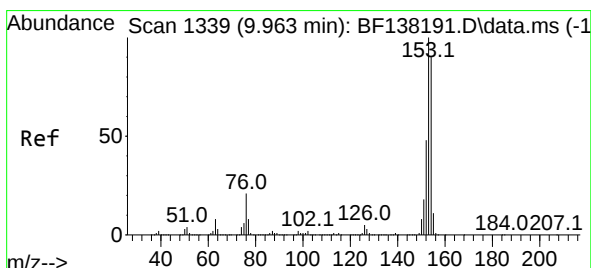
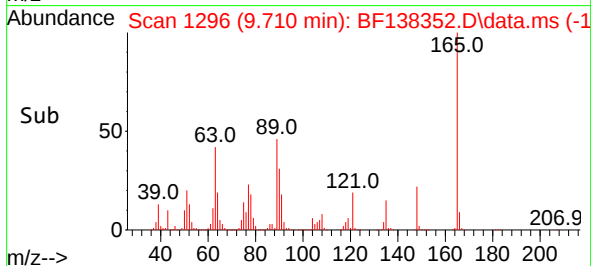
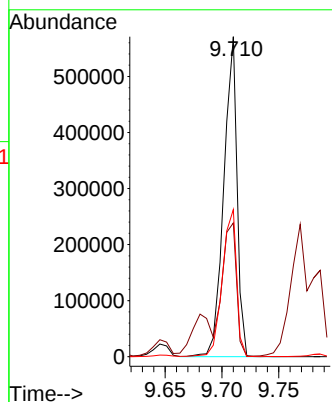
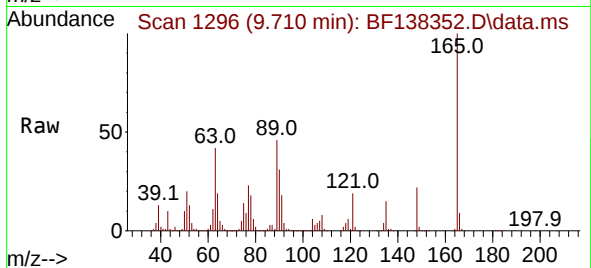
PB161725BS

Tgt Ion:165 Resp: 466579
Ion Ratio Lower Upper
165 100
63 41.8 43.7 65.5
89 46.0 44.9 67.3

Manual Integrations

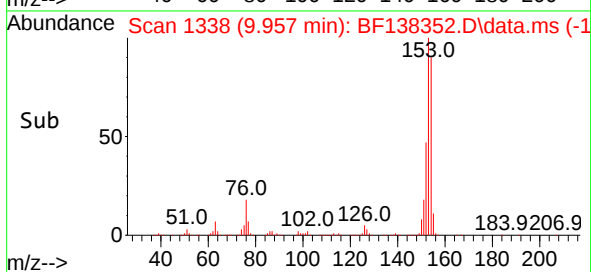
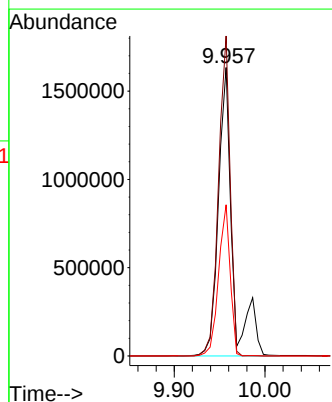
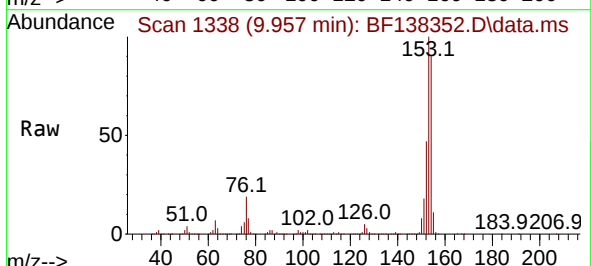
APPROVED

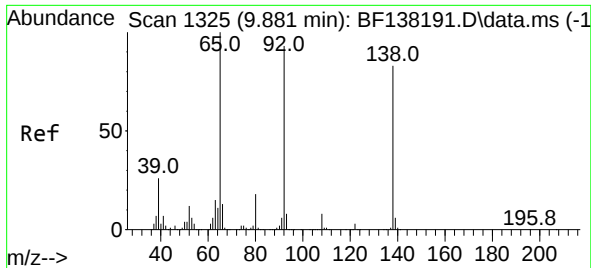
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#52
Acenaphthene
Concen: 43.995 ng m
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:154 Resp: 1762182
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 52.4 42.4 63.6





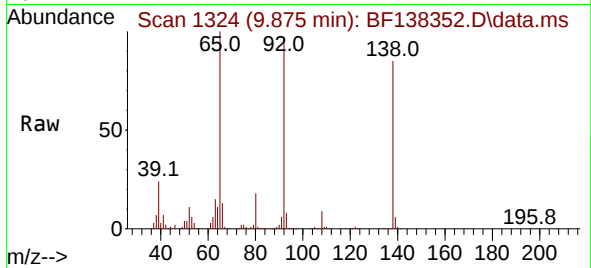
#53
3-Nitroaniline
Concen: 34.570 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



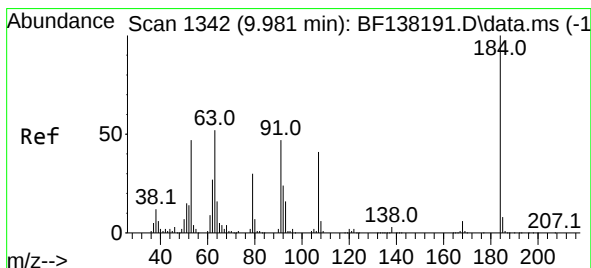
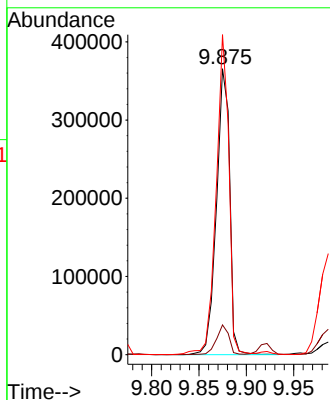
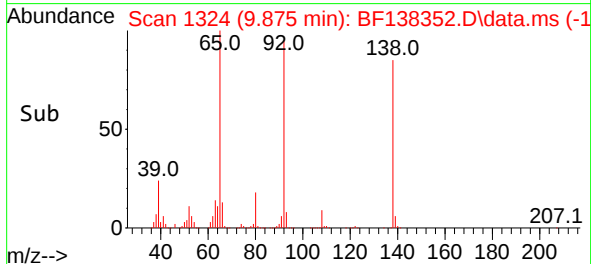
Tgt Ion:138 Resp: 354578
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 111.9 90.0 135.0

Manual Integrations

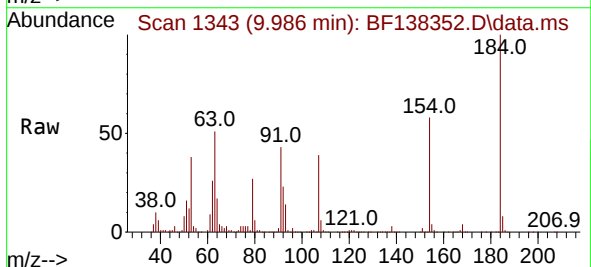
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

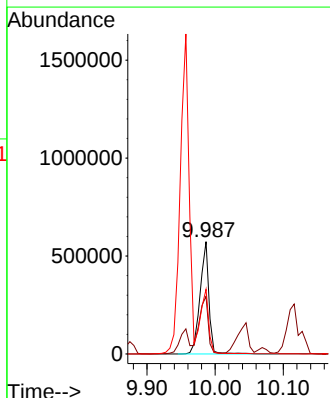
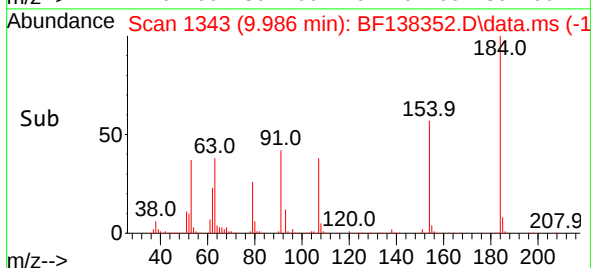
Supervised By :mohammad ahmed 06/27/2024

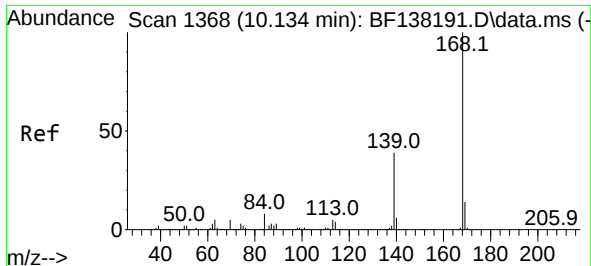


#54
2,4-Dinitrophenol
Concen: 98.324 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



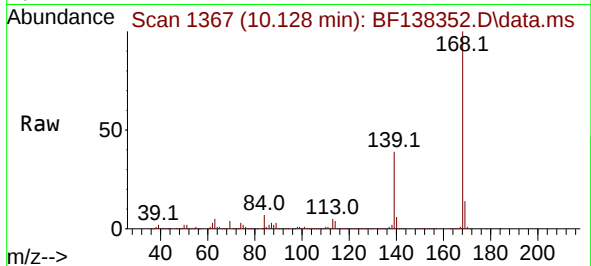
Tgt Ion:184 Resp: 521707
Ion Ratio Lower Upper
184 100
63 51.2 49.2 73.8
154 57.6 46.7 70.1





#55
Dibenzenofuran
Concen: 40.385 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

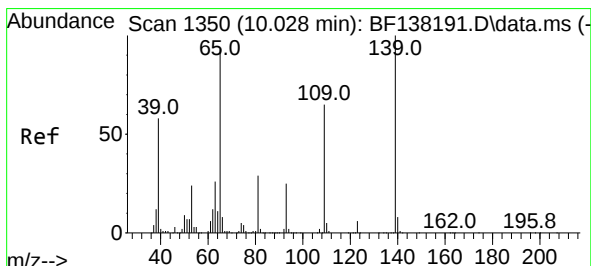
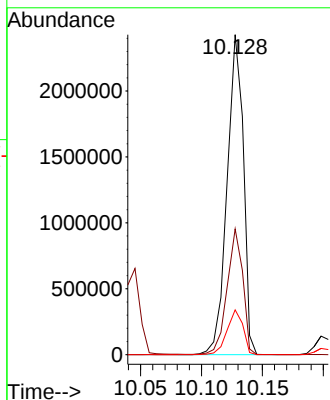
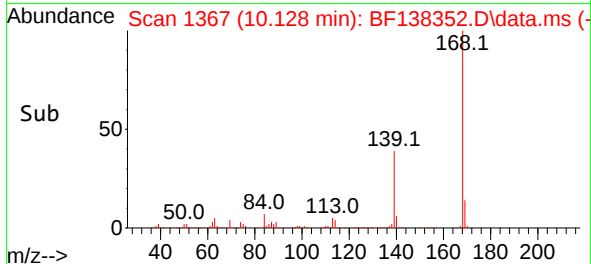
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion:168 Resp: 226128
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.4
169 14.0 11.4 17.0

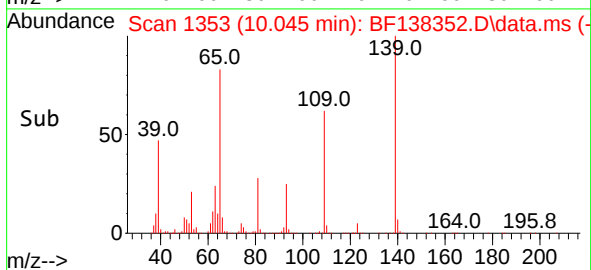
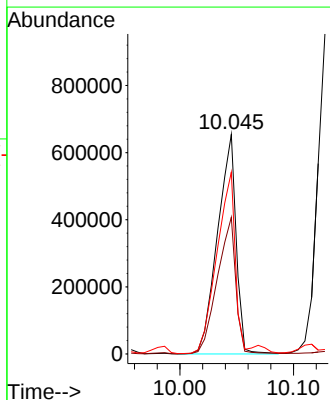
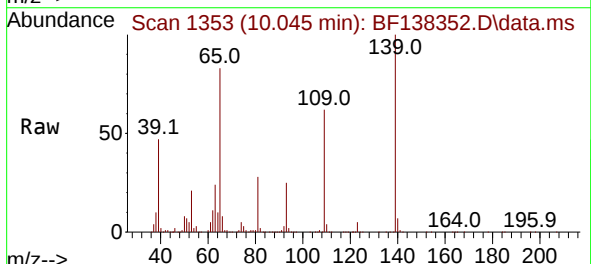
Manual Integrations
APPROVED

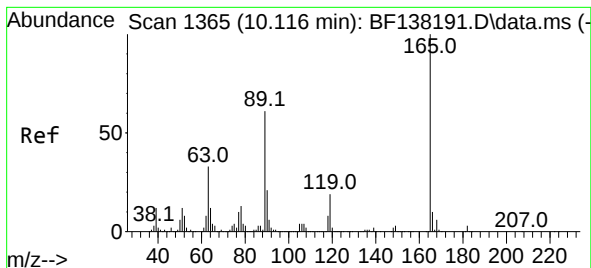
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 91.710 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:139 Resp: 743365
Ion Ratio Lower Upper
139 100
109 62.3 44.6 84.6
65 82.8 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 52.807 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

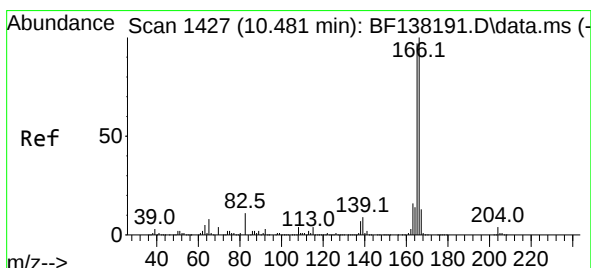
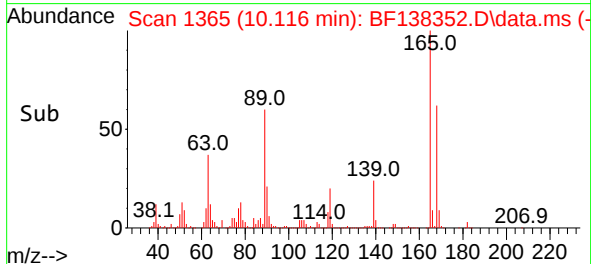
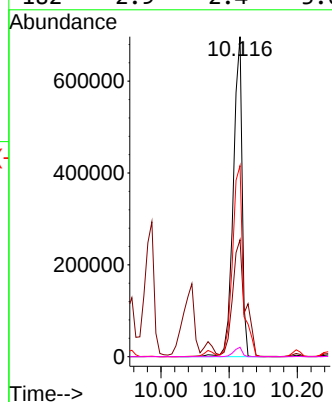
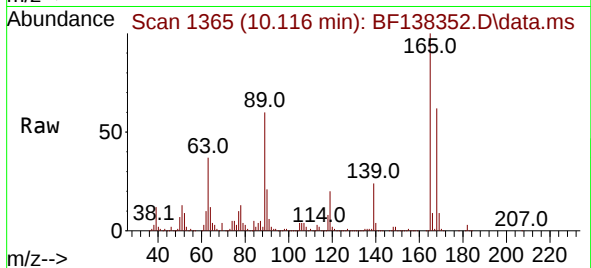
PB161725BS

Tgt Ion:165 Resp: 625340
Ion Ratio Lower Upper
165 100
63 36.6 26.6 39.8
89 59.7 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

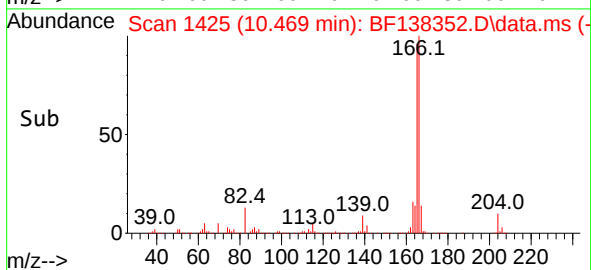
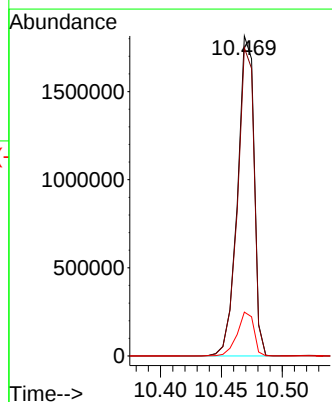
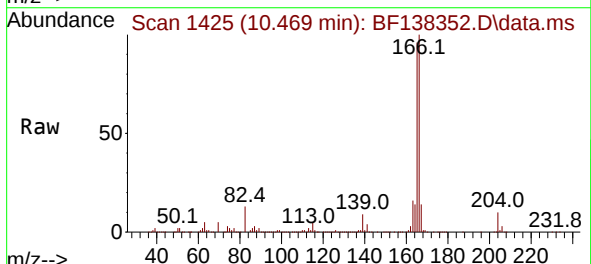
APPROVED

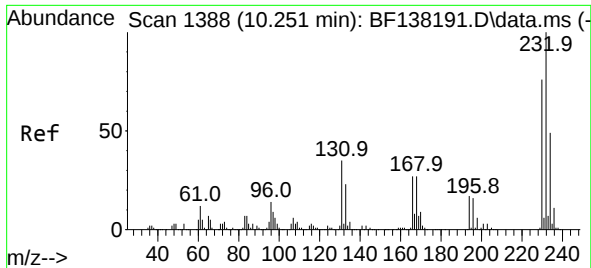
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#58
Fluorene
Concen: 39.041 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:166 Resp: 1718760
Ion Ratio Lower Upper
166 100
165 96.3 77.9 116.9
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.404 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

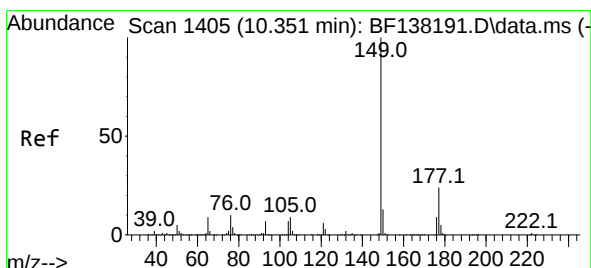
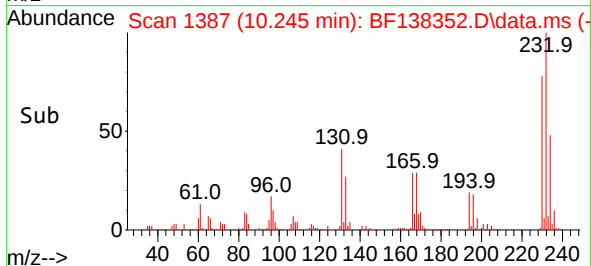
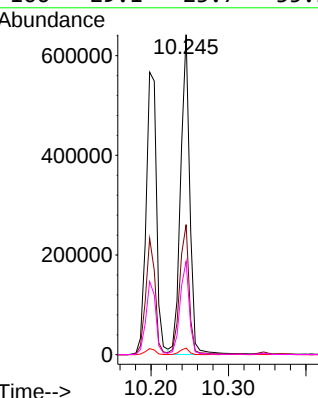
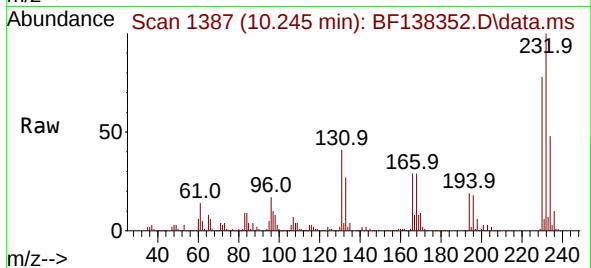
PB161725BS

Tgt Ion:232 Resp: 52637
Ion Ratio Lower Upper
232 100
131 41.5 33.6 50.4
130 2.1 1.7 2.5
166 29.1 23.7 35.5

Manual Integrations

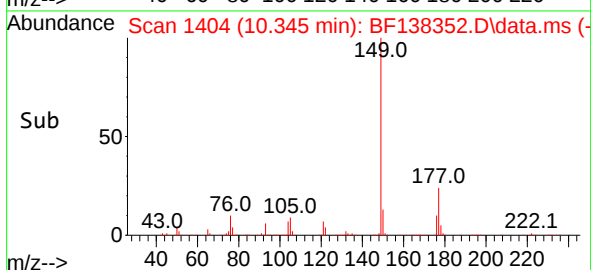
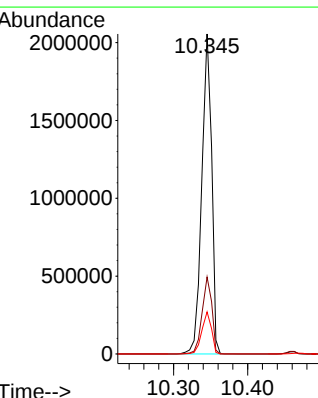
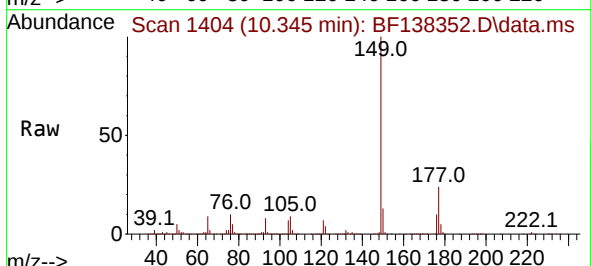
APPROVED

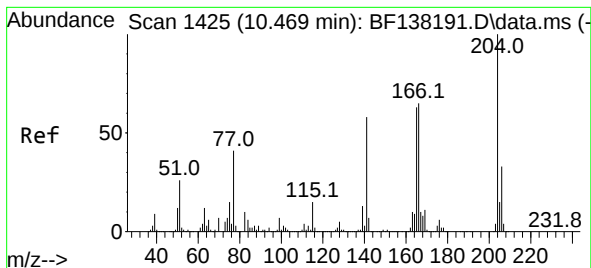
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#60
Diethylphthalate
Concen: 45.085 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

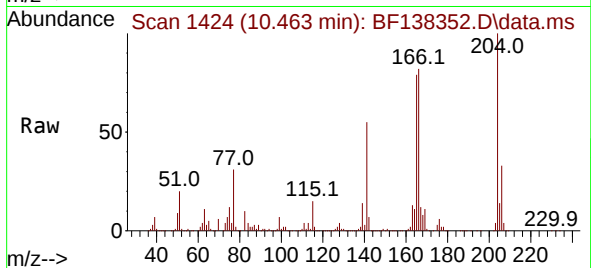
Tgt Ion:149 Resp: 1893752
Ion Ratio Lower Upper
149 100
177 24.0 19.4 29.0
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.636 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

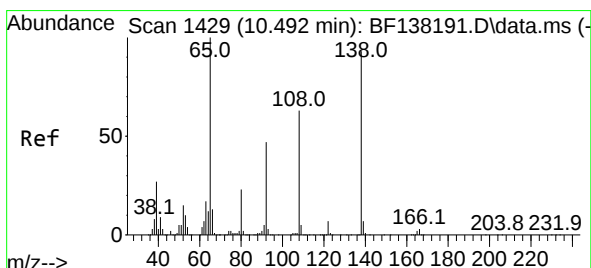
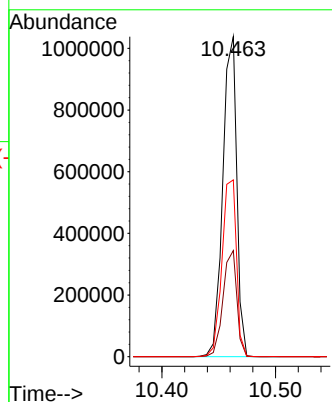
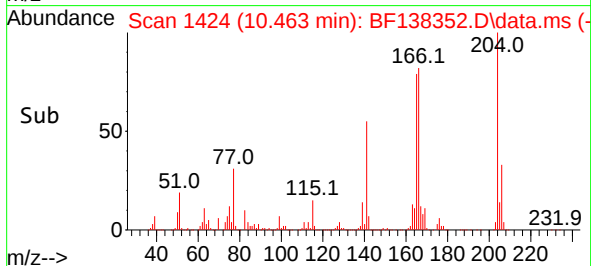
Instrument :
BNA_F
ClientSampleId :
PB161725BS



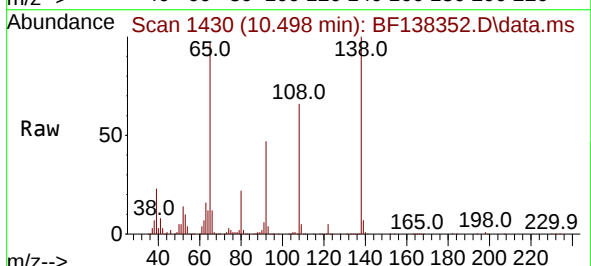
Tgt Ion:204 Resp: 89095
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 55.3 46.3 69.5

Manual Integrations
APPROVED

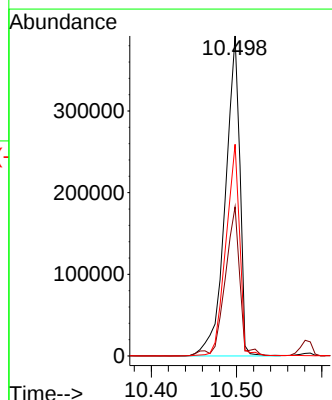
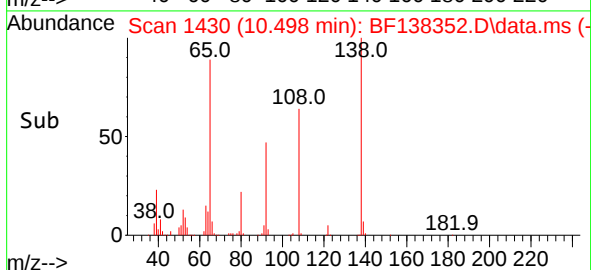
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

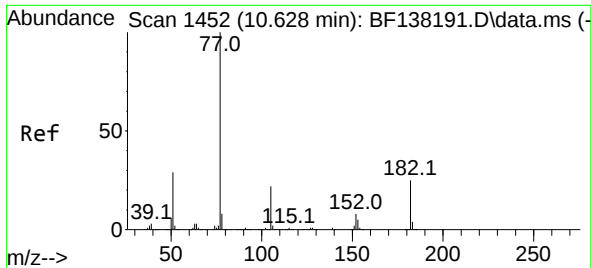


#62
4-Nitroaniline
Concen: 45.454 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15



Tgt Ion:138 Resp: 465821
Ion Ratio Lower Upper
138 100
92 46.6 30.9 70.9
108 66.1 47.8 87.8





#63
Azobenzene
Concen: 41.137 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

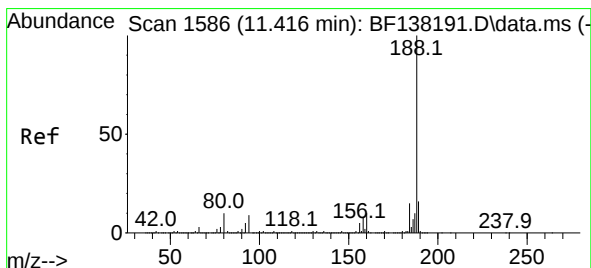
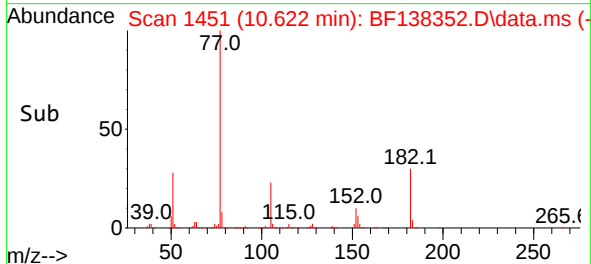
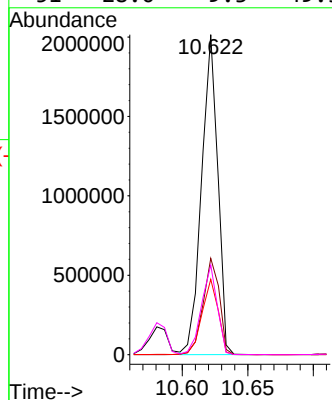
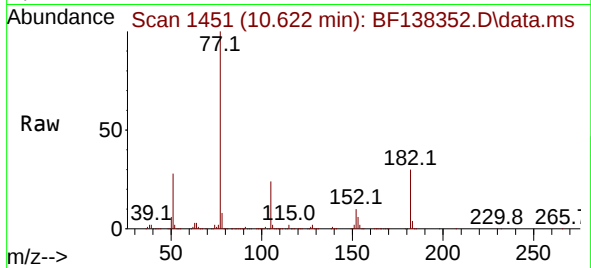
Tgt Ion: 77 Resp: 1731110
Ion Ratio Lower Upper
77 100
182 30.1 5.5 45.5
105 23.5 1.8 41.8
51 28.0 9.3 49.3

Manual Integrations

APPROVED

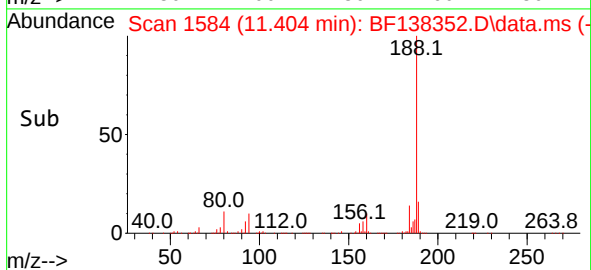
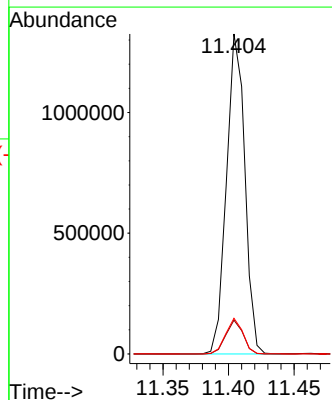
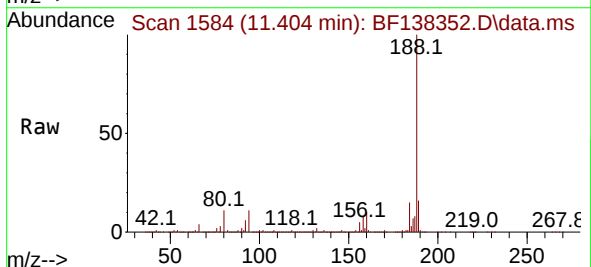
Reviewed By :Yogesh Patel 06/27/2024

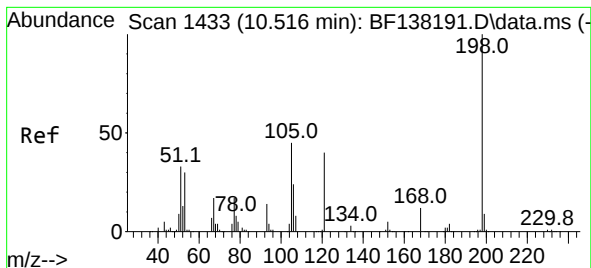
Supervised By :mohammad ahmed 06/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:188 Resp: 1287290
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.1 8.1 12.1





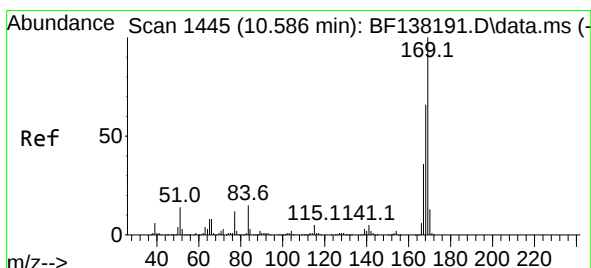
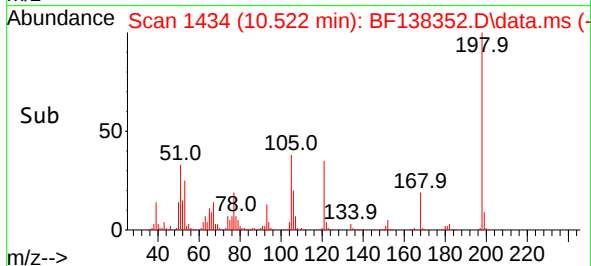
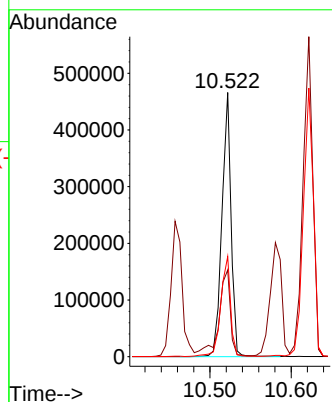
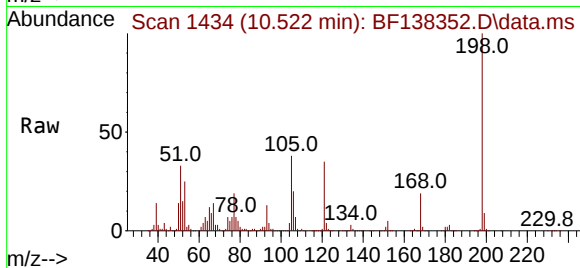
#65
4,6-Dinitro-2-methylphenol
Concen: 54.828 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :
BNA_F
ClientSampleId :
PB161725BS

Tgt Ion:198 Resp: 36720
Ion Ratio Lower Upper
198 100
51 32.8 26.9 66.9
105 37.9 26.0 66.0

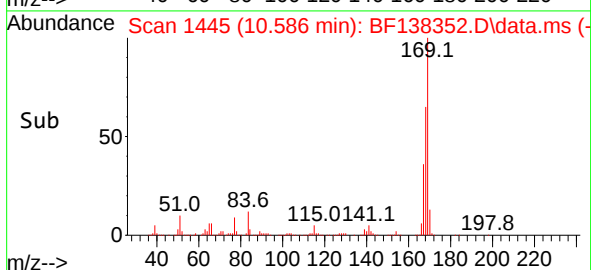
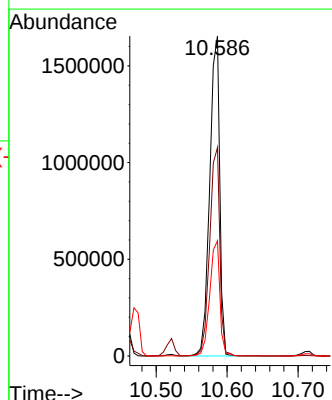
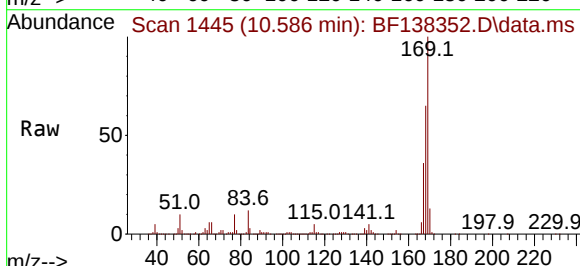
Manual Integrations
APPROVED

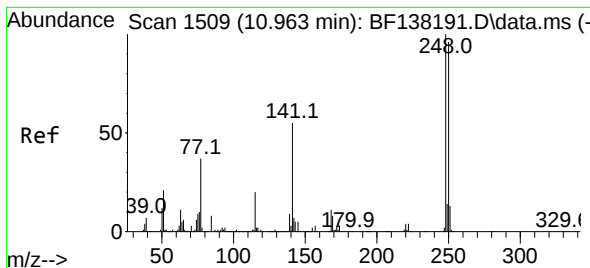
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#66
n-Nitrosodiphenylamine
Concen: 41.067 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:169 Resp: 1618499
Ion Ratio Lower Upper
169 100
168 65.2 52.9 79.3
167 36.0 29.0 43.6





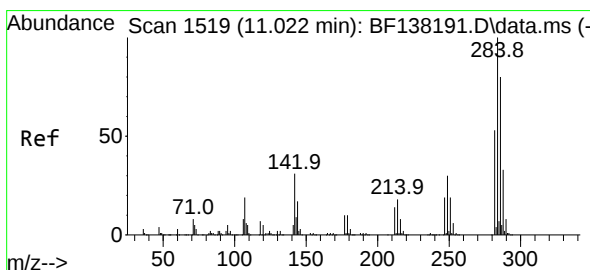
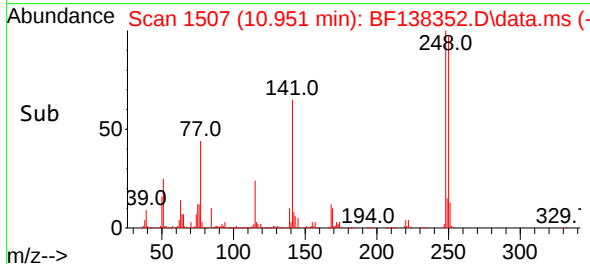
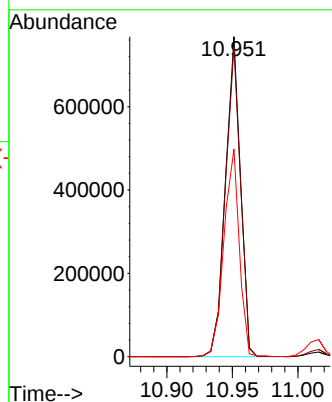
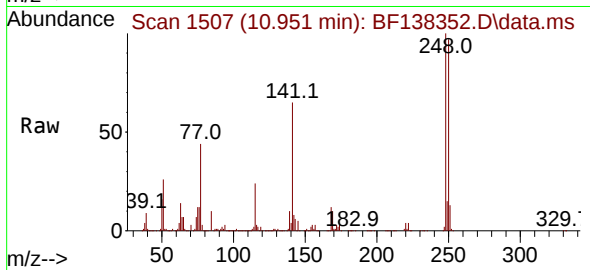
#67
4-Bromophenyl-phenylether
Concen: 42.351 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :
BNA_F
ClientSampleId :
PB161725BS

Tgt Ion:248 Resp: 614320
Ion Ratio Lower Upper
248 100
250 96.8 77.2 115.8
141 64.9 44.1 66.1

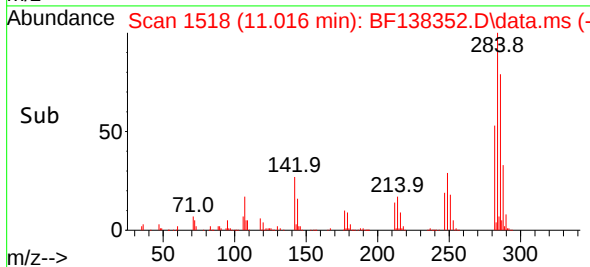
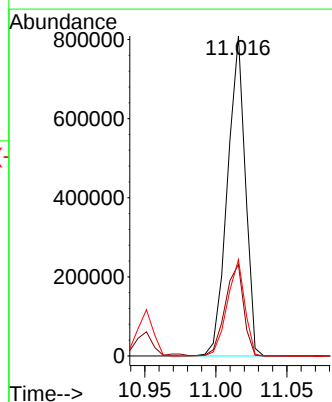
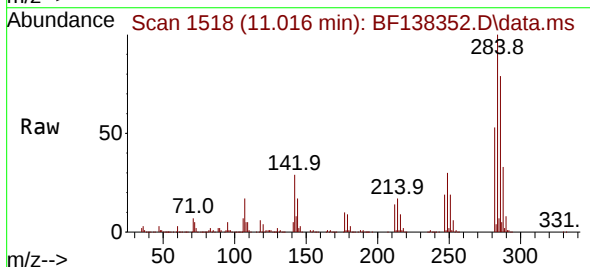
Manual Integrations
APPROVED

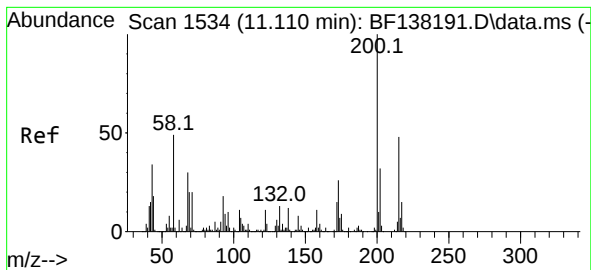
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#68
Hexachlorobenzene
Concen: 41.555 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:284 Resp: 703440
Ion Ratio Lower Upper
284 100
142 28.6 24.8 37.2
249 30.1 23.8 35.6





#69

Atrazine

Concen: 47.272 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

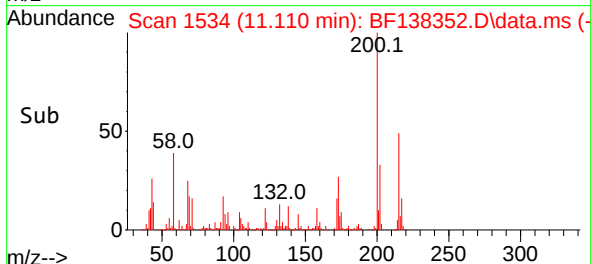
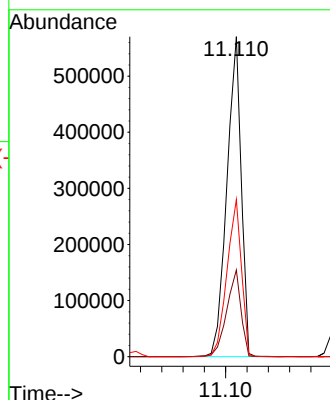
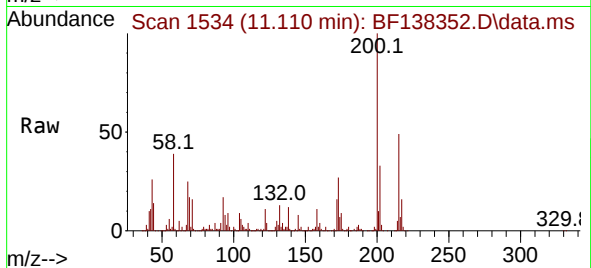
Tgt Ion:200 Resp: 53065
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.3 46.3
 215 49.1 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 81.518 ng

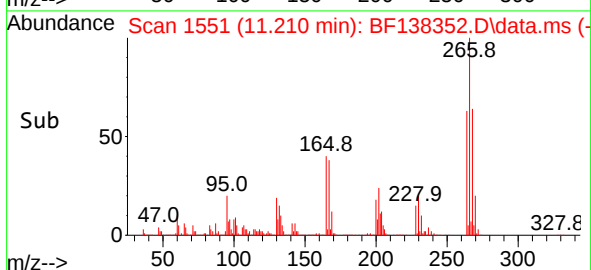
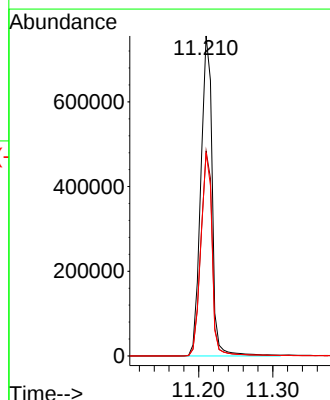
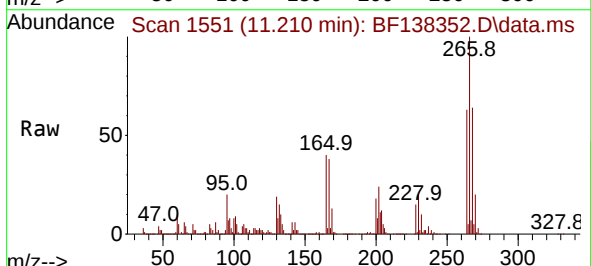
RT: 11.210 min Scan# 1551

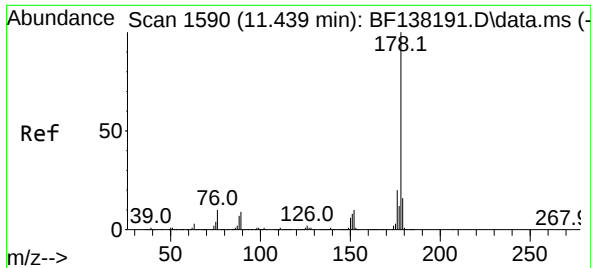
Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Tgt Ion:266 Resp: 804789
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.5 74.3
 264 63.5 49.2 73.8





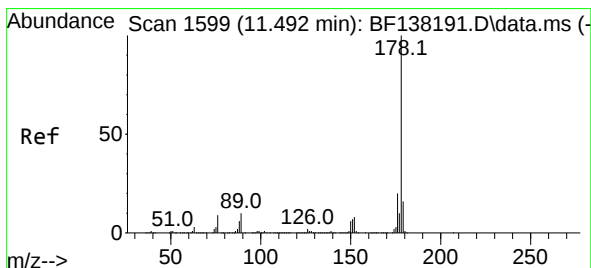
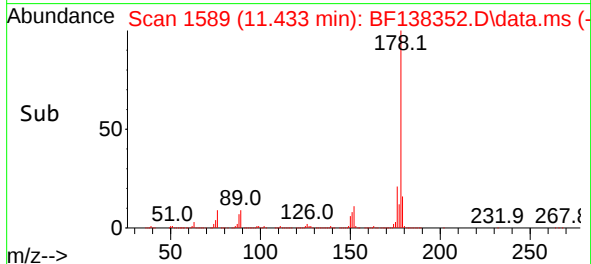
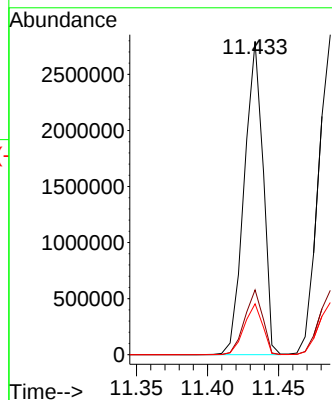
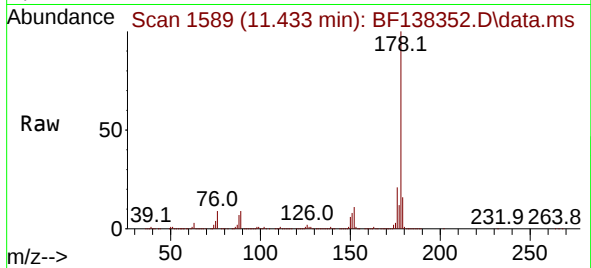
#71
Phenanthrene
Concen: 40.315 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :
BNA_F
ClientSampleId :
PB161725BS

Tgt Ion:178 Resp: 2566512
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 16.2 13.1 19.7

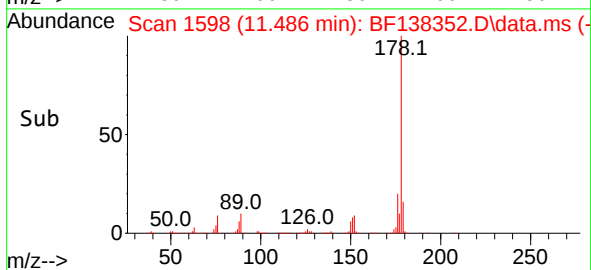
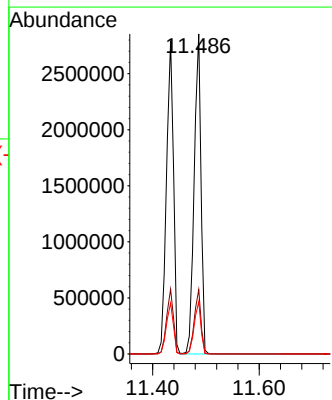
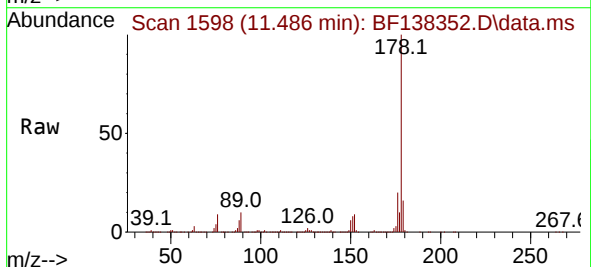
Manual Integrations
APPROVED

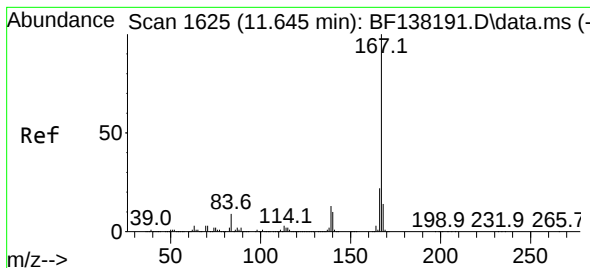
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 40.465 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:178 Resp: 2557650
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.3 13.0 19.6





#73

Carbazole

Concen: 39.177 ng

RT: 11.639 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion:167 Resp: 2271189

Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

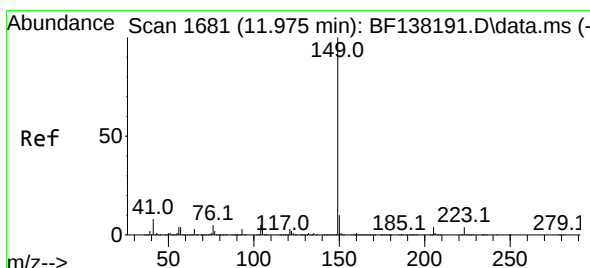
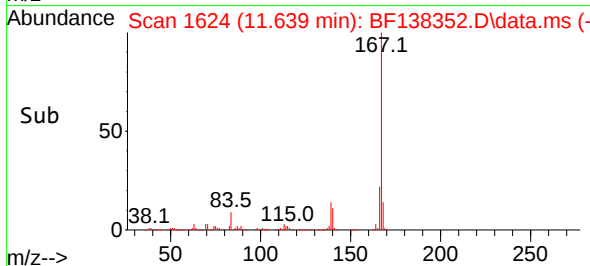
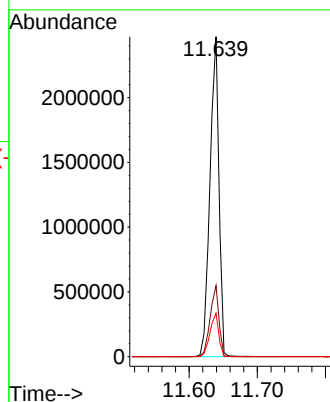
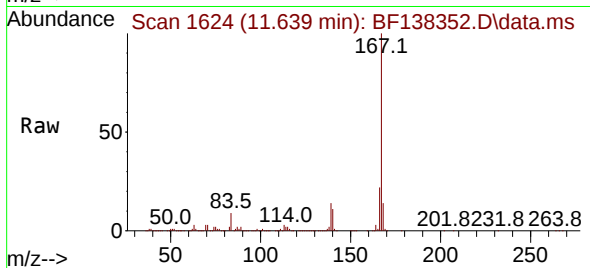
139 13.6 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#74

Di-n-butylphthalate

Concen: 46.335 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

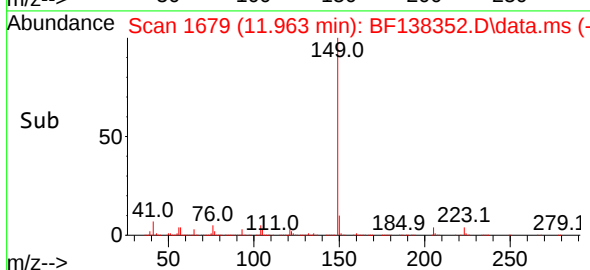
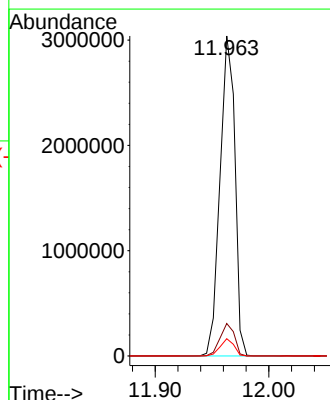
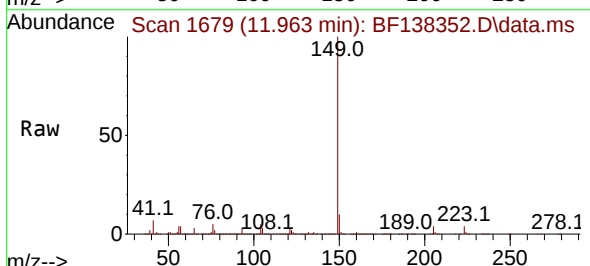
Tgt Ion:149 Resp: 2780821

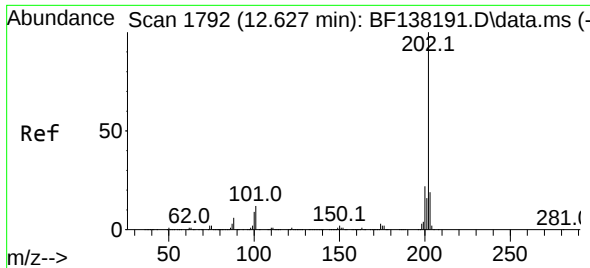
Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

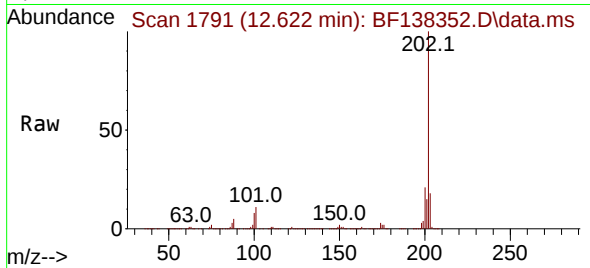
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 38.935 ng
RT: 12.622 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

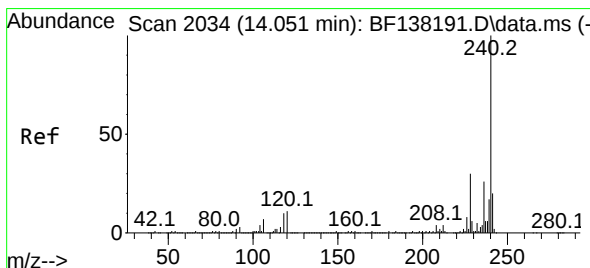
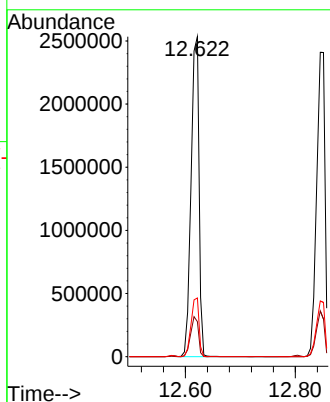
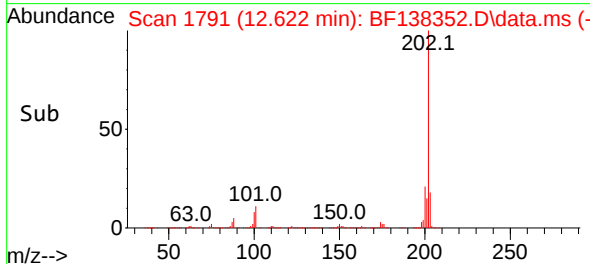
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion:202 Resp: 252750
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.8
203 18.3 0.0 38.6

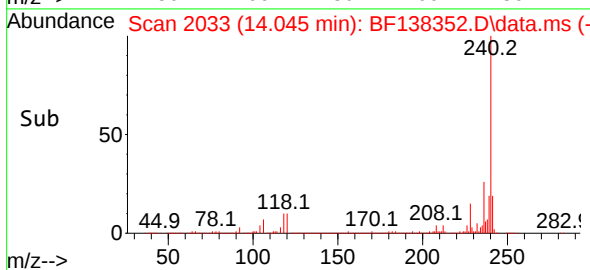
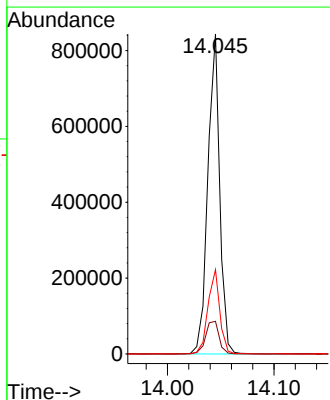
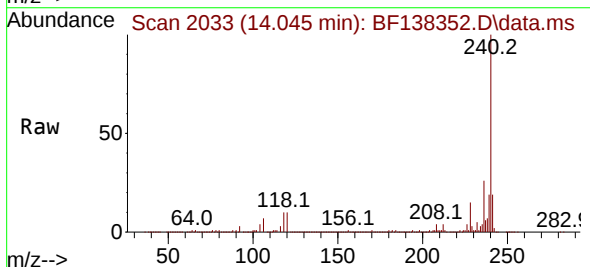
Manual Integrations
APPROVED

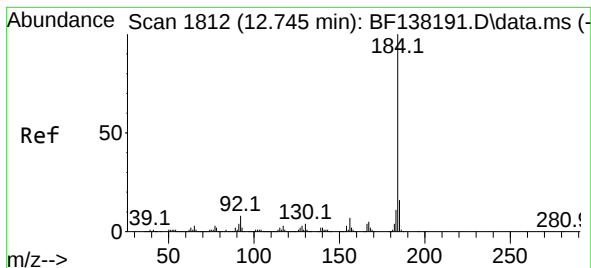
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:240 Resp: 653333
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.4 21.0 31.6





#77

Benzidine

Concen: 29.044 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

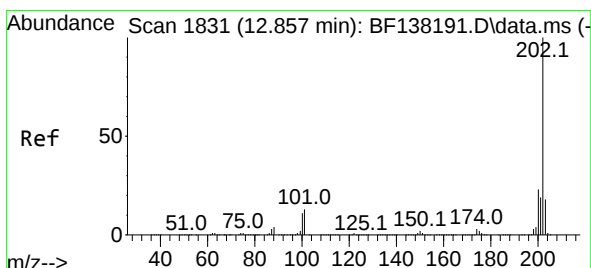
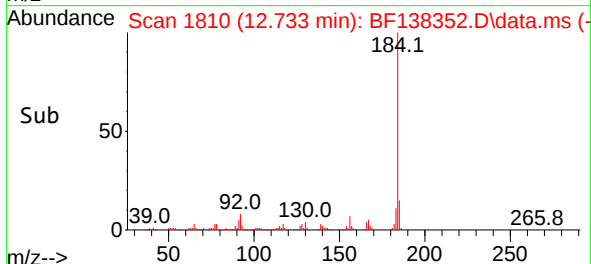
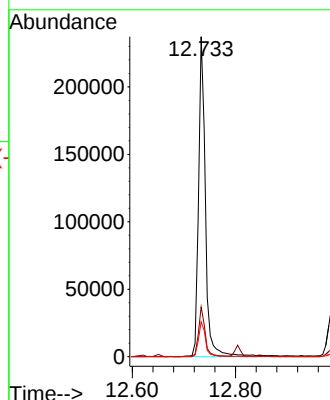
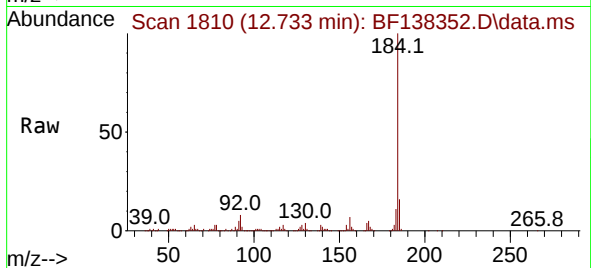
Tgt Ion:184 Resp: 219484
 Ion Ratio Lower Upper
 184 100
 185 15.5 12.6 19.0
 183 10.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#78

Pyrene

Concen: 45.067 ng

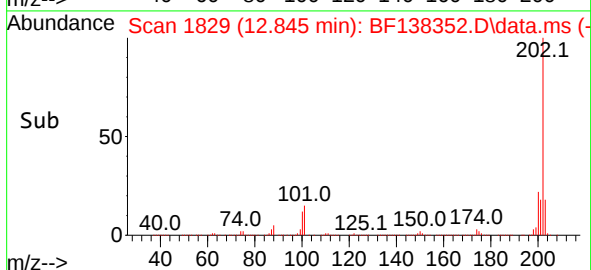
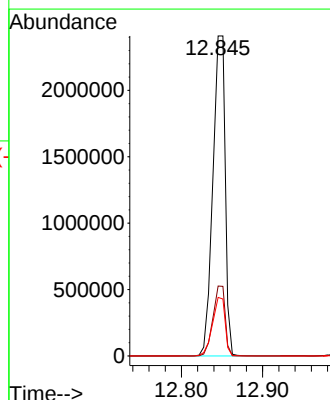
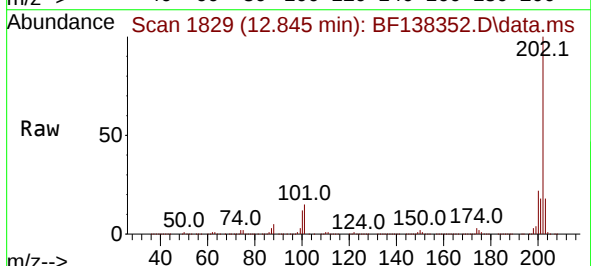
RT: 12.845 min Scan# 1829

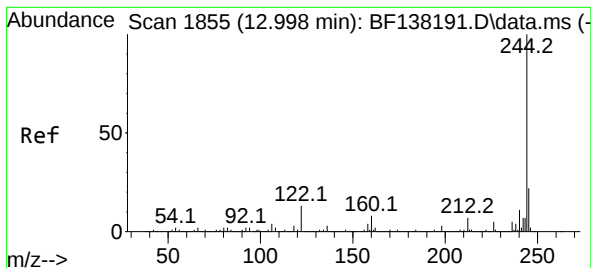
Delta R.T. -0.012 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Tgt Ion:202 Resp: 2539679
 Ion Ratio Lower Upper
 202 100
 200 21.8 18.0 27.0
 203 18.3 14.7 22.1





#79

Terphenyl-d14

Concen: 84.696 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138352.D

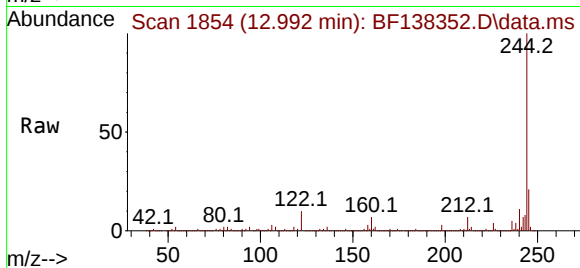
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS



Tgt Ion:244 Resp: 3493730

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

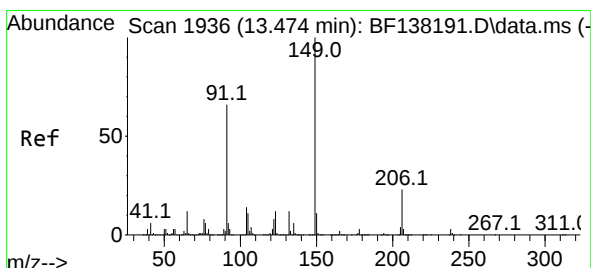
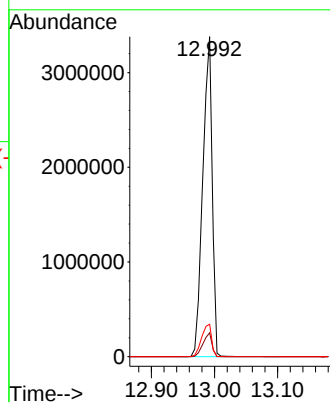
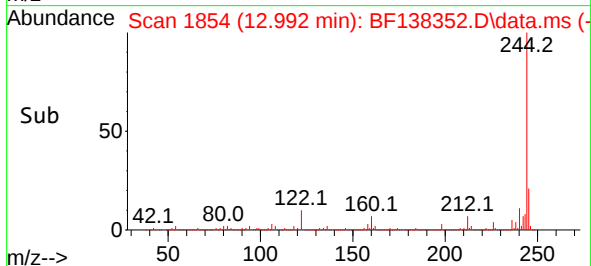
122 10.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#80

Butylbenzylphthalate

Concen: 62.129 ng

RT: 13.463 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

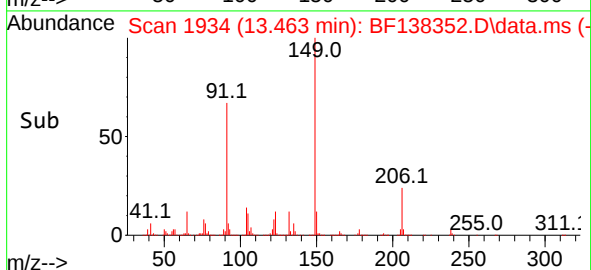
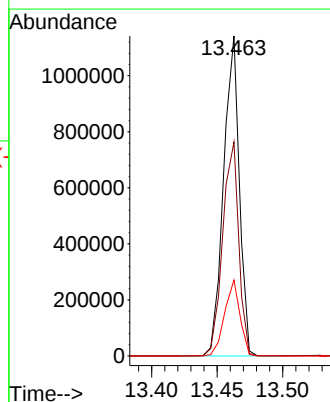
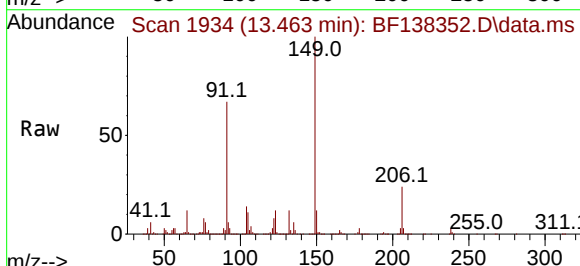
Tgt Ion:149 Resp: 952355

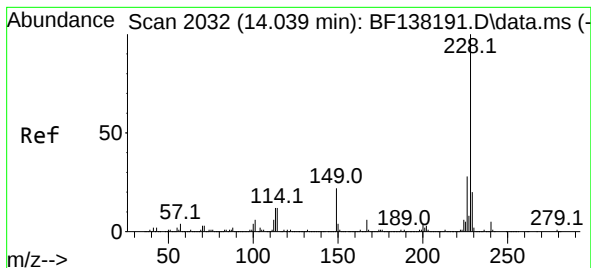
Ion Ratio Lower Upper

149 100

91 66.9 53.2 79.8

206 23.8 18.6 27.8





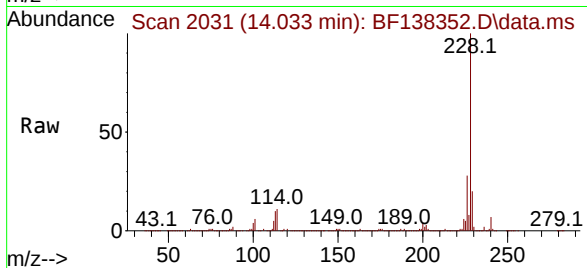
#81
Benzo(a)anthracene
Concen: 44.009 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

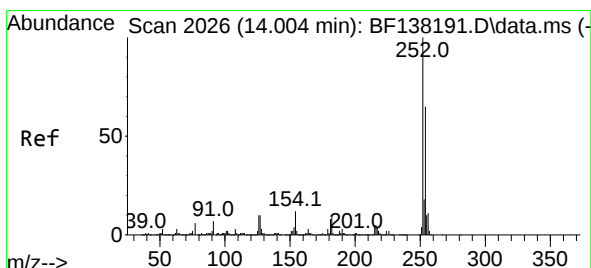
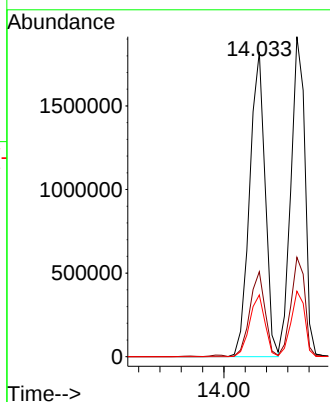
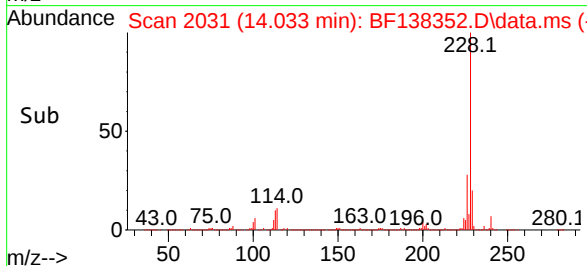


Tgt Ion:228 Resp: 184462
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 20.2 16.3 24.5

Manual Integrations

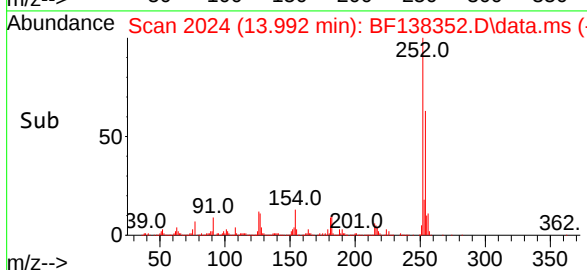
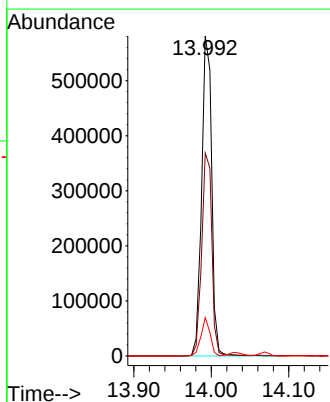
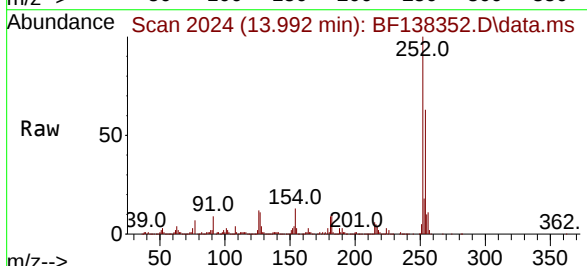
APPROVED

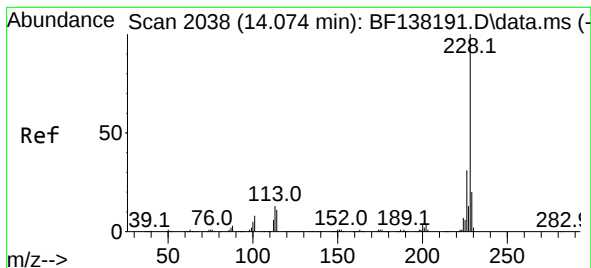
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 45.365 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:252 Resp: 523620
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.6
126 12.0 8.3 12.5





#83

Chrysene

Concen: 44.003 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion:228 Resp: 1758004

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

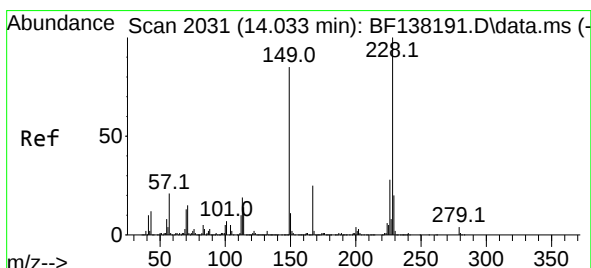
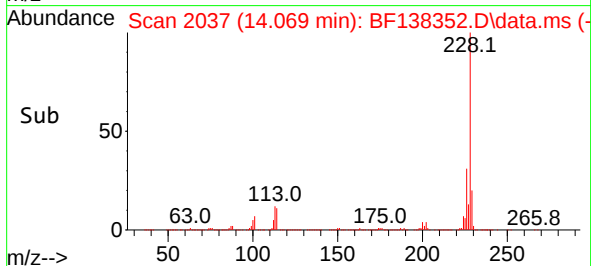
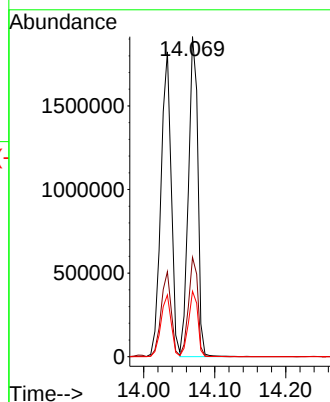
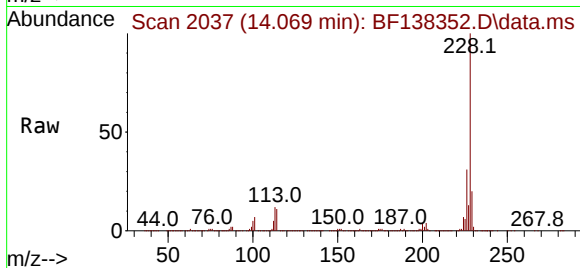
229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.597 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.017 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

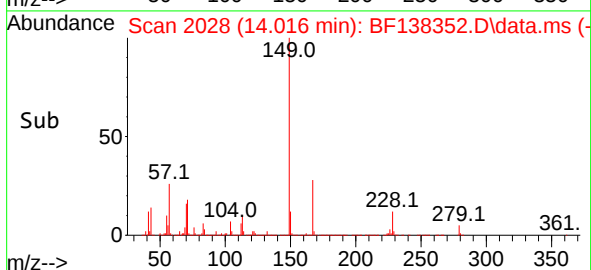
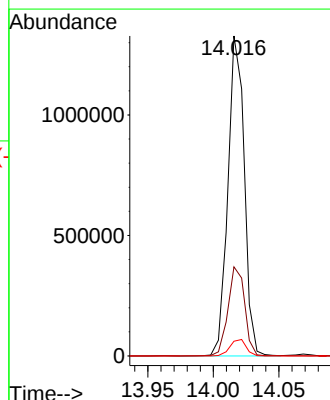
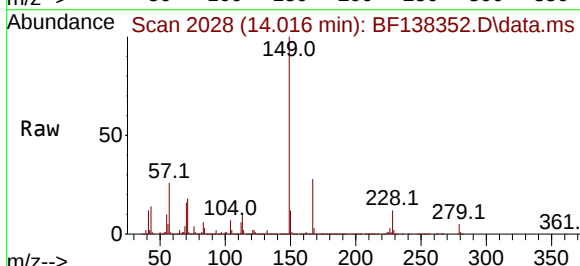
Tgt Ion:149 Resp: 1151652

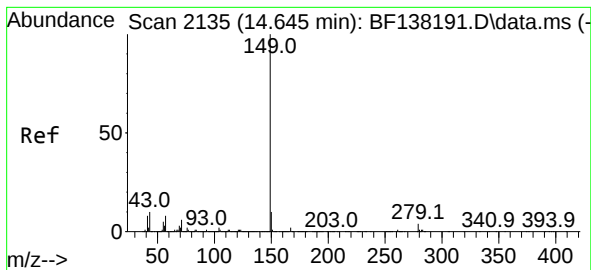
Ion Ratio Lower Upper

149 100

167 27.9 23.5 35.3

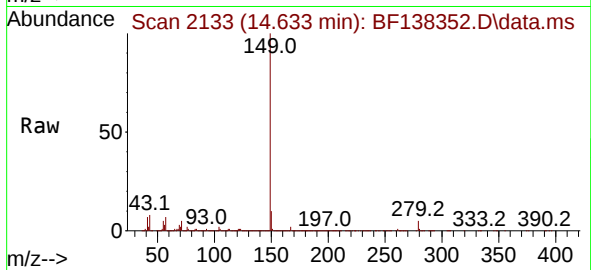
279 4.6 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 69.908 ng
RT: 14.633 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

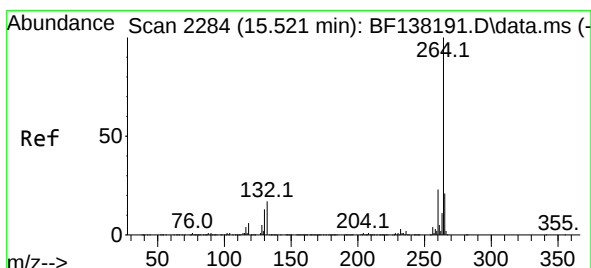
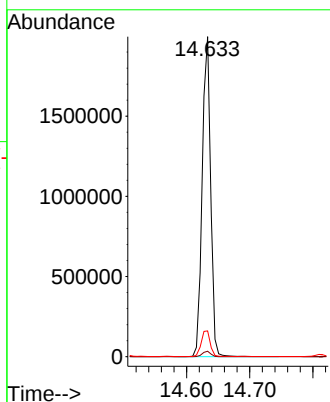
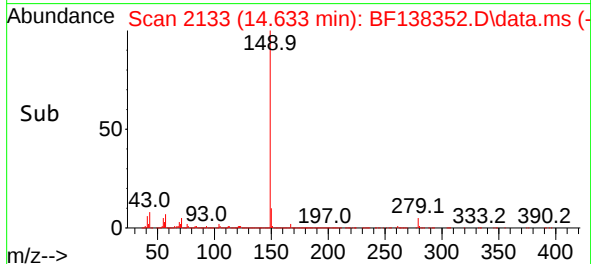
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion:149 Resp: 185155
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.6 7.8 11.6

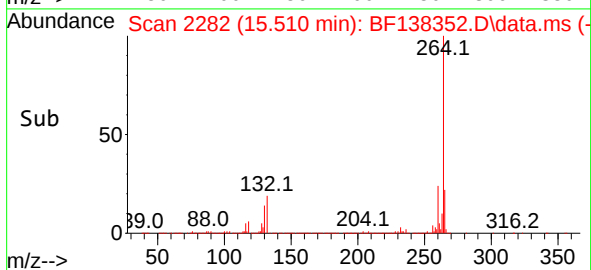
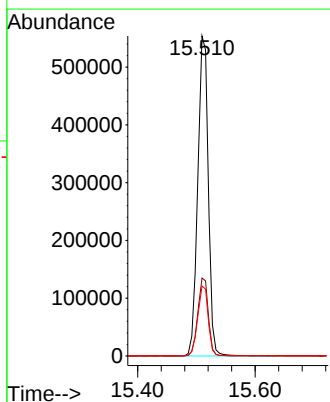
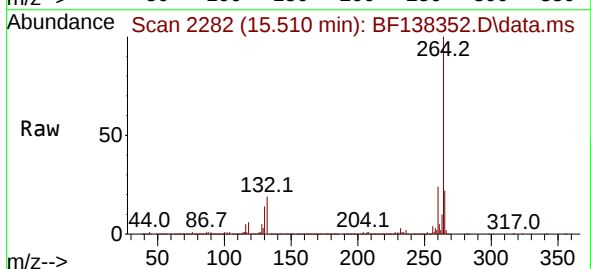
Manual Integrations
APPROVED

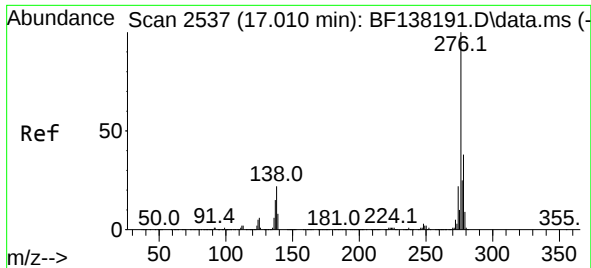
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:264 Resp: 687998
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 21.9 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.007 ng
RT: 16.998 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

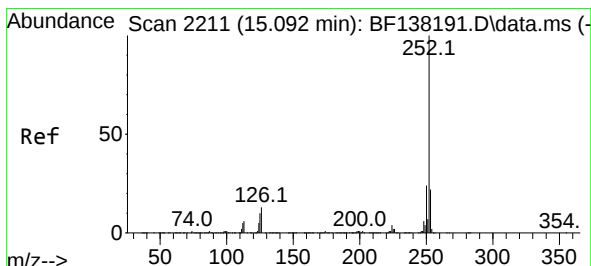
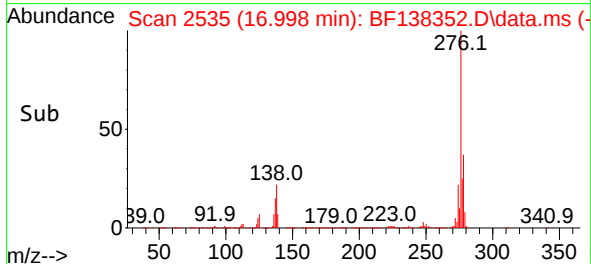
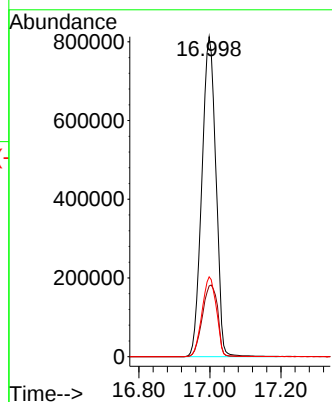
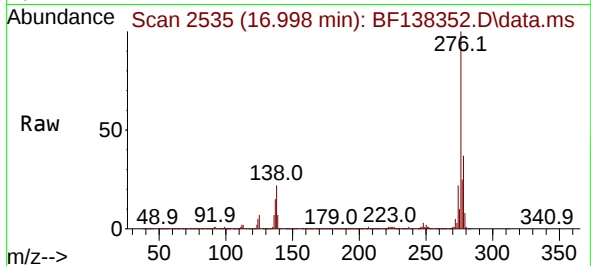
PB161725BS

Tgt Ion:276 Resp: 2242870
Ion Ratio Lower Upper
276 100
138 24.5 19.3 28.9
277 25.5 20.2 30.2

Manual Integrations

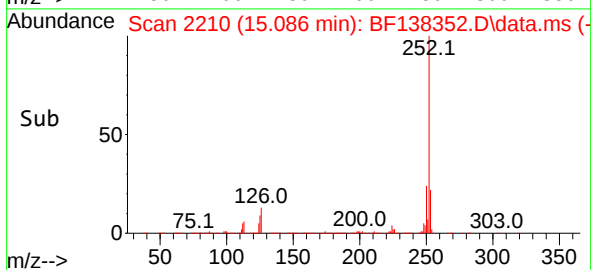
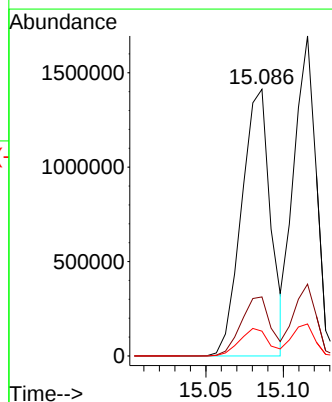
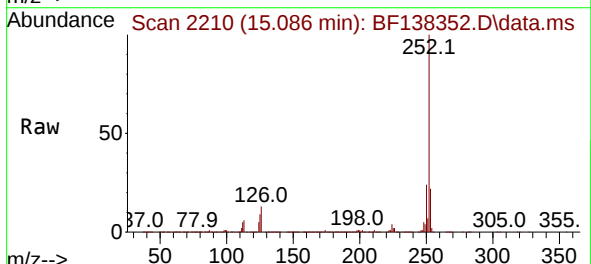
APPROVED

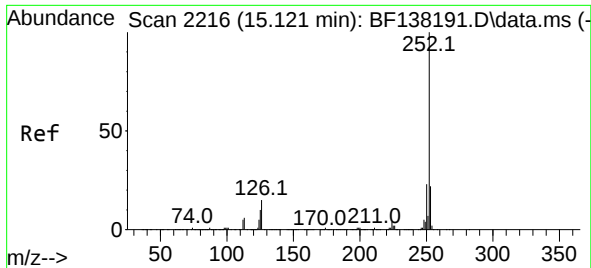
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#88
Benzo(b)fluoranthene
Concen: 45.539 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

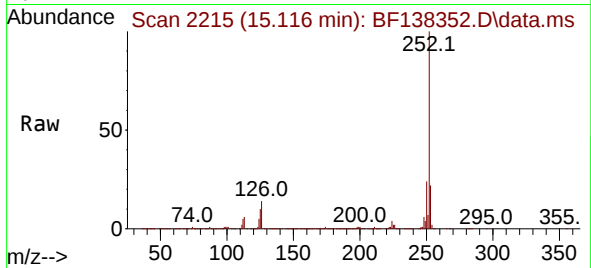
Tgt Ion:252 Resp: 1847626
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.3 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 43.083 ng
RT: 15.116 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

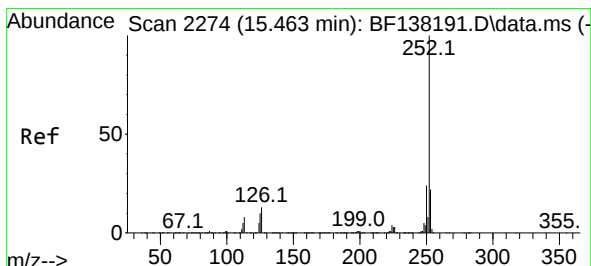
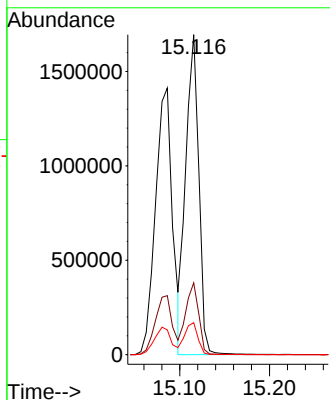
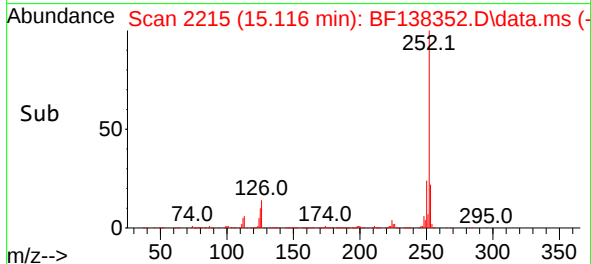
Instrument :
BNA_F
ClientSampleId :
PB161725BS



Tgt Ion:252 Resp: 1713060
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.0 8.0 12.0

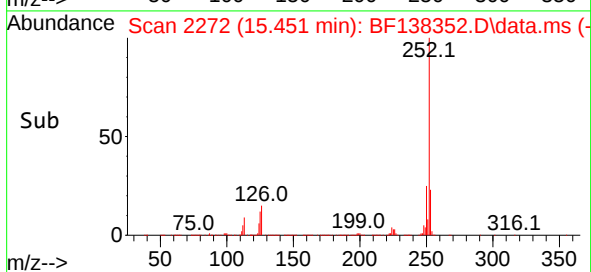
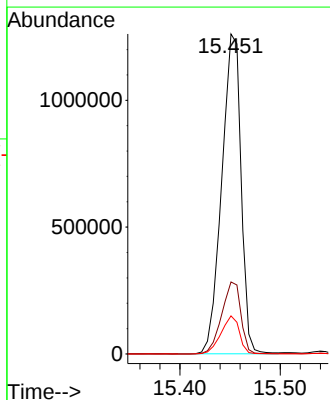
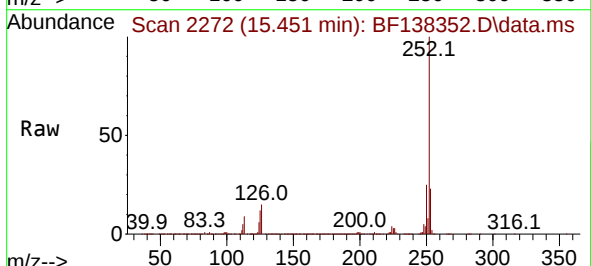
Manual Integrations
APPROVED

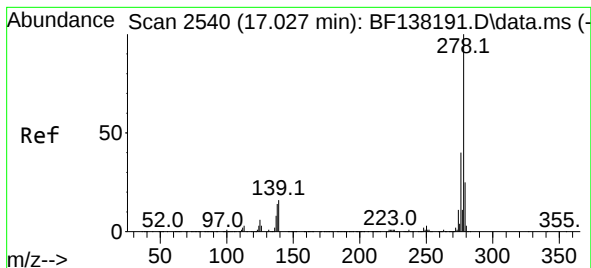
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#90
Benzo(a)pyrene
Concen: 48.304 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138352.D
Acq: 26 Jun 2024 15:15

Tgt Ion:252 Resp: 1683662
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.9 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 49.534 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Instrument :

BNA_F

ClientSampleId :

PB161725BS

Tgt Ion:278 Resp: 1823530

Ion Ratio Lower Upper

278 100

139 15.3 12.9 19.3

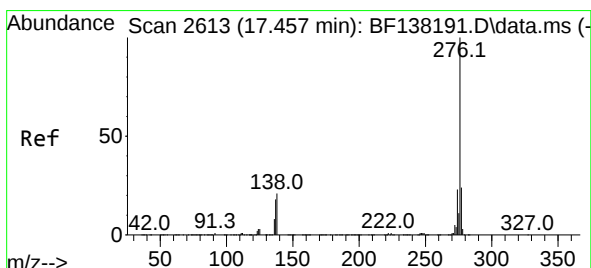
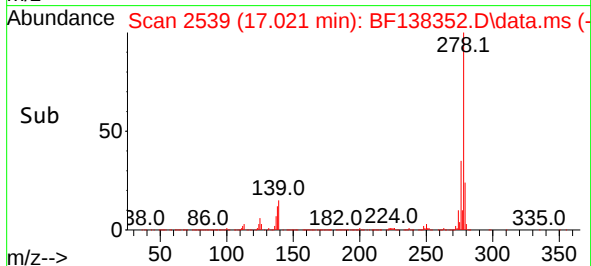
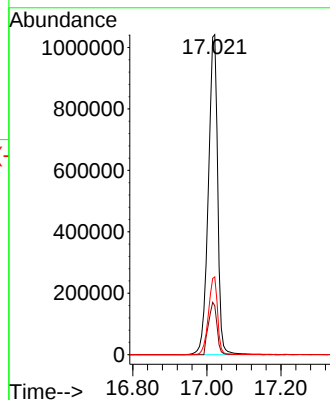
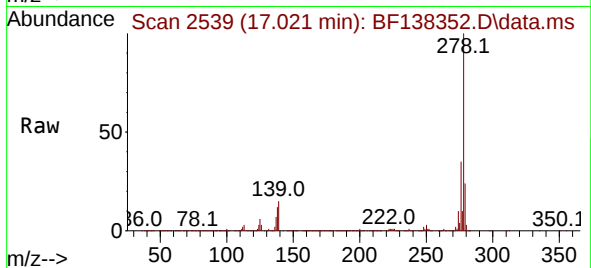
279 24.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#92

Benzo(g,h,i)perylene

Concen: 46.284 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.006 min

Lab File: BF138352.D

Acq: 26 Jun 2024 15:15

Tgt Ion:276 Resp: 1762683

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 20.7 16.6 24.8

