

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138838.D
 Acq On : 07 Aug 2024 13:04
 Operator : RC/JU
 Sample : P3440-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 07 13:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44396	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176593	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	94605	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	144429	20.000	ng	0.00
76) Chrysene-d12	13.998	240	77825	20.000	ng	0.00
86) Perylene-d12	15.457	264	88601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	186889	64.981	ng	0.00
7) Phenol-d6	6.481	99	155467	40.262	ng	0.00
23) Nitrobenzene-d5	7.410	82	344244	95.307	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	110732	142.891	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	607714	96.516	ng	0.00
79) Terphenyl-d14	12.939	244	495314	106.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	21766	17.286	ng	96
3) Pyridine	3.410	79	54100	17.737	ng	93
4) n-Nitrosodimethylamine	3.357	42	42418	23.350	ng	89
6) Aniline	6.504	93	108741	31.577	ng	98
8) 2-Chlorophenol	6.628	128	126595	41.837	ng	97
9) Benzaldehyde	6.398	77	6875	2.970	ng	91
10) Phenol	6.498	94	66295	16.306	ng	# 46
11) bis(2-Chloroethyl)ether	6.575	93	143175	45.764	ng	99
12) 1,3-Dichlorobenzene	6.781	146	133858	39.519	ng	100
13) 1,4-Dichlorobenzene	6.857	146	137763	40.302	ng	99
14) 1,2-Dichlorobenzene	7.010	146	133942	41.928	ng	99
15) Benzyl Alcohol	6.987	79	101752	36.561	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237315	44.076	ng	73
17) 2-Methylphenol	7.104	107	86918	34.786	ng	# 84
18) Hexachloroethane	7.345	117	49374	38.372	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	120116	51.503	ng	99
20) 3+4-Methylphenols	7.257	107	101819	31.760	ng	# 91
22) Acetophenone	7.251	105	206625	47.787	ng	96
24) Nitrobenzene	7.428	77	175122	47.647	ng	99
25) Isophorone	7.663	82	313184	50.779	ng	98
26) 2-Nitrophenol	7.739	139	79890	50.522	ng	95
27) 2,4-Dimethylphenol	7.781	122	93381	49.357	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	183614	48.887	ng	99
29) 2,4-Dichlorophenol	7.986	162	120258	49.466	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	128133	45.671	ng	99
31) Naphthalene	8.145	128	427999	46.045	ng	99
32) Benzoic acid	7.898	122	16423m	11.043	ng	
33) 4-Chloroaniline	8.198	127	100883	32.332	ng	99
34) Hexachlorobutadiene	8.251	225	72898	42.898	ng	99
35) Caprolactam	8.581	113	6768	9.330	ng	90
36) 4-Chloro-3-methylphenol	8.681	107	126133	45.397	ng	99
37) 2-Methylnaphthalene	8.833	142	288403	49.128	ng	99
38) 1-Methylnaphthalene	8.933	142	268808	46.729	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	125691	47.827	ng	99
41) Hexachlorocyclopentadiene	8.980	237	77967	109.293	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	79506	49.619	ng	99

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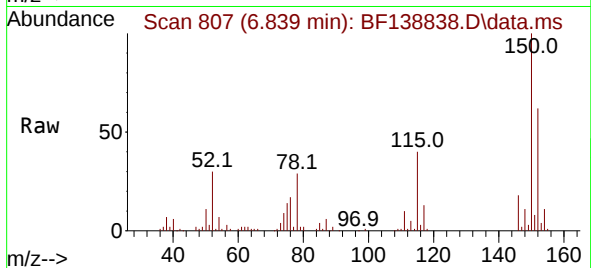
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	85057	48.557	ng	98
46) 1,1'-Biphenyl	9.298	154	346771	46.802	ng	99
47) 2-Chloronaphthalene	9.322	162	272151	49.387	ng	99
48) 2-Nitroaniline	9.428	65	95994	51.385	ng	99
49) Acenaphthylene	9.739	152	421846	53.975	ng	99
50) Dimethylphthalate	9.604	163	324822	53.697	ng	100
51) 2,6-Dinitrotoluene	9.669	165	70051	51.312	ng	97
52) Acenaphthene	9.910	154	259741	49.439	ng	99
53) 3-Nitroaniline	9.839	138	44570	31.581	ng	99
54) 2,4-Dinitrophenol	9.957	184	56478	89.870	ng	91
55) Dibenzofuran	10.080	168	391268	52.758	ng	99
56) 4-Nitrophenol	10.022	139	18598	21.914	ng	# 82
57) 2,4-Dinitrotoluene	10.075	165	90298	51.843	ng	# 88
58) Fluorene	10.427	166	306309	51.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	65117	48.624	ng	95
60) Diethylphthalate	10.298	149	316829	55.238	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	153604	52.883	ng	99
62) 4-Nitroaniline	10.451	138	59083	44.053	ng	89
63) Azobenzene	10.575	77	320652	50.406	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	47552	53.966	ng	99
66) n-Nitrosodiphenylamine	10.539	169	250835	55.562	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	84323	53.925	ng	98
68) Hexachlorobenzene	10.974	284	90088	55.798	ng	95
69) Atrazine	11.063	200	68713	58.993	ng	99
70) Pentachlorophenol	11.174	266	58032	79.742	ng	98
71) Phenanthrene	11.386	178	405199	54.485	ng	99
72) Anthracene	11.439	178	412595	56.316	ng	100
73) Carbazole	11.598	167	320223	50.661	ng	99
74) Di-n-butylphthalate	11.916	149	423606	59.615	ng	99
75) Fluoranthene	12.574	202	348181	50.150	ng	98
77) Benzidine	12.698	184	18621	10.004	ng	98
78) Pyrene	12.804	202	345423	47.141	ng	99
80) Butylbenzylphthalate	13.410	149	134308	57.239	ng	99
81) Benzo(a)anthracene	13.986	228	291444	54.382	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	59532	43.408	ng	99
83) Chrysene	14.027	228	252887	52.303	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	185800	54.075	ng	97
85) Di-n-octyl phthalate	14.580	149	318290	50.068	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	300968	47.401	ng	96
88) Benzo(b)fluoranthene	15.033	252	299532	54.536	ng	98
89) Benzo(k)fluoranthene	15.062	252	242390	50.971	ng	99
90) Benzo(a)pyrene	15.398	252	257995	55.844	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	241234	46.283	ng	97
92) Benzo(g,h,i)perylene	17.374	276	220118	40.698	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

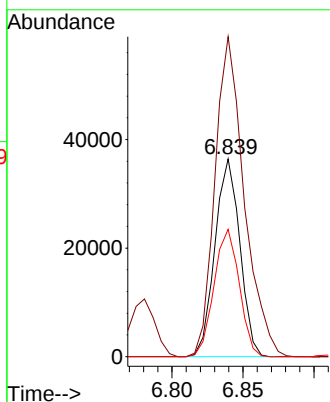
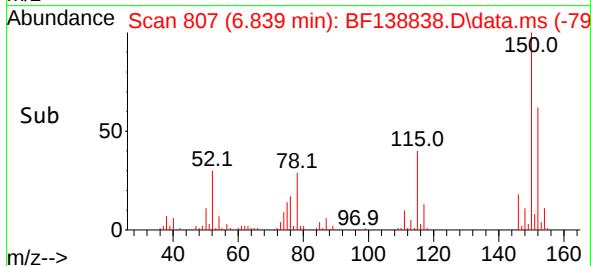
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:152 Resp: 44390
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 64.4 51.7 77.5

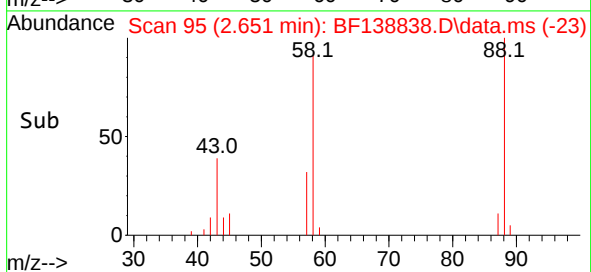
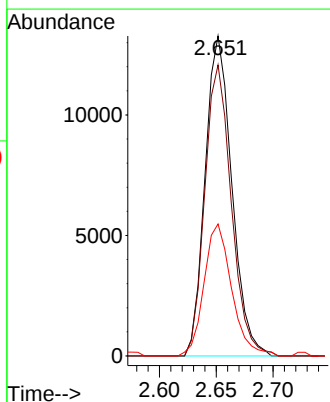
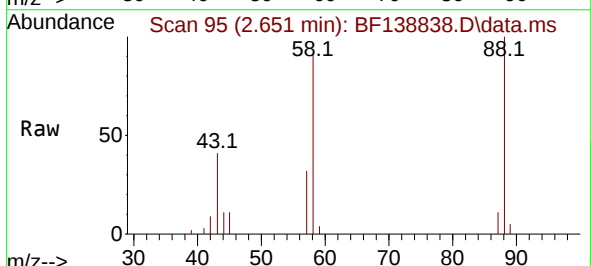
Manual Integrations
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Supervised By :mohammad ahmed 08/08/2024



#2
1,4-Dioxane
Concen: 17.286 ng
RT: 2.651 min Scan# 95
Delta R.T. 0.076 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion: 88 Resp: 21766
Ion Ratio Lower Upper
88 100
58 90.1 71.6 107.4
43 42.6 28.7 43.1





#3

Pyridine

Concen: 17.737 ng

RT: 3.410 min Scan# 211

Delta R.T. 0.076 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

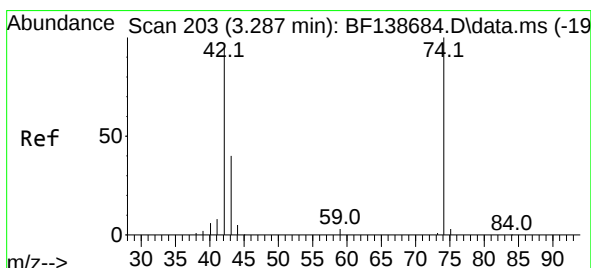
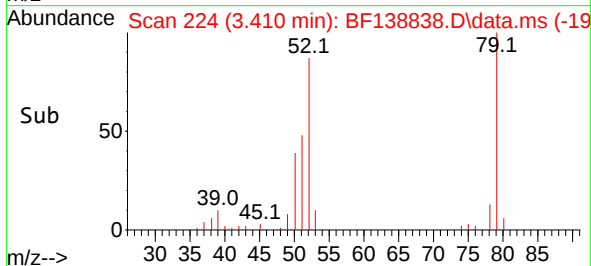
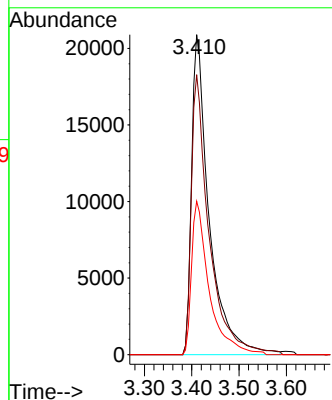
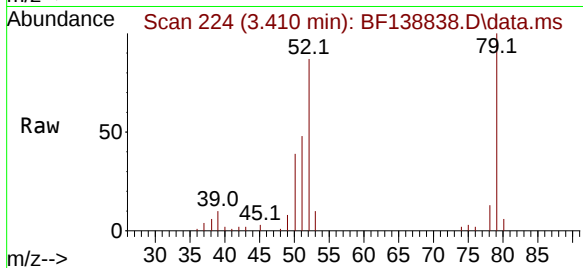
Tgt Ion:	79	Resp:	54100
Ion Ratio	Lower	Upper	
79	100		
52	87.5	74.7	112.1
51	48.0	34.6	51.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 23.350 ng

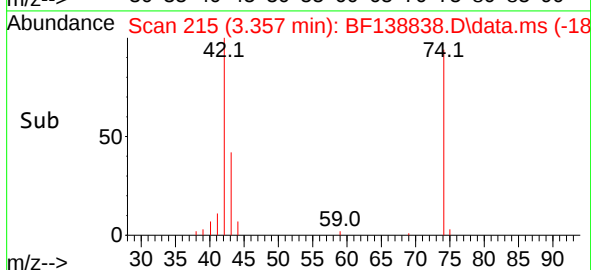
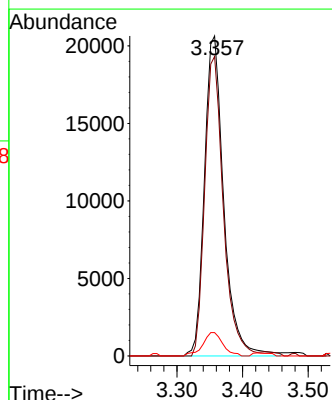
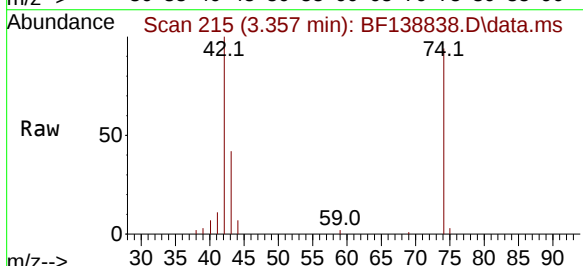
RT: 3.357 min Scan# 215

Delta R.T. 0.071 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Tgt Ion:	42	Resp:	42418
Ion Ratio	Lower	Upper	
42	100		
74	93.6	84.2	126.4
44	7.3	4.9	7.3





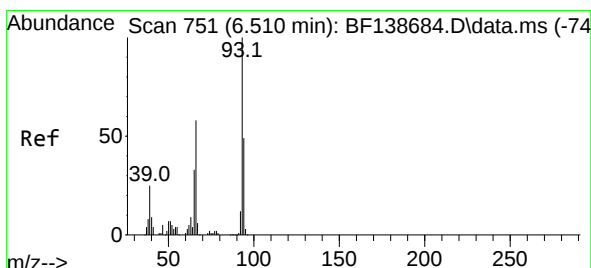
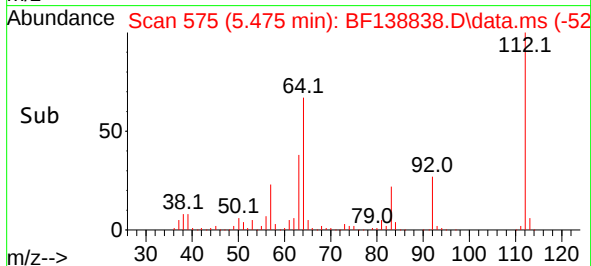
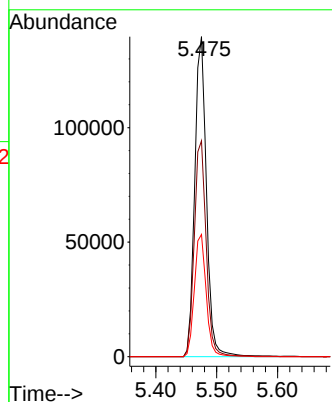
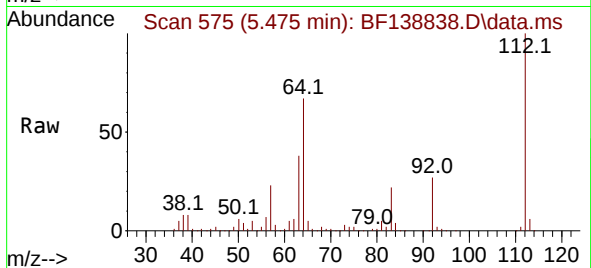
#5
2-Fluorophenol
Concen: 64.981 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS

Tgt Ion: 112 Resp: 186889
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 38.2 28.7 43.1

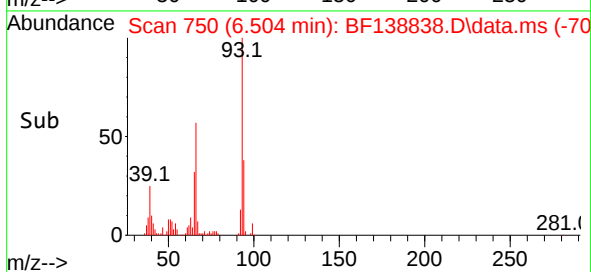
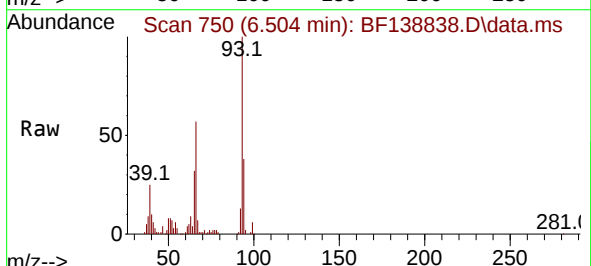
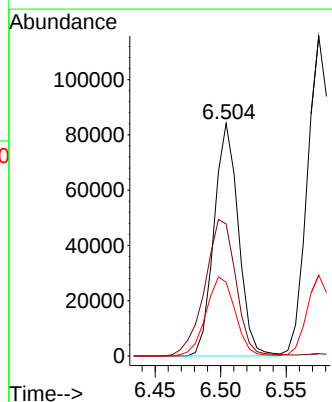
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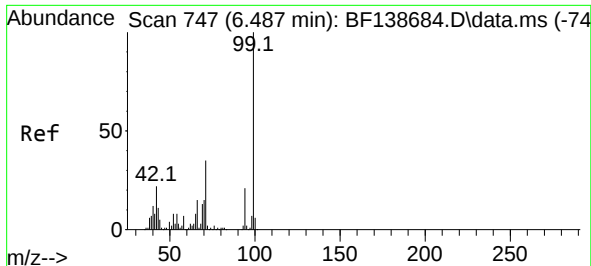
Reviewed By :Yogesh Patel 08/08/2024
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#6
Aniline
Concen: 31.577 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

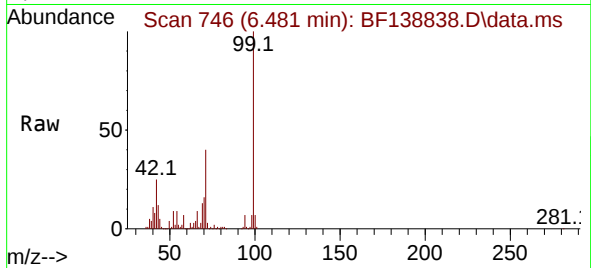
Tgt Ion: 93 Resp: 108741
Ion Ratio Lower Upper
93 100
66 56.8 46.9 70.3
65 31.8 26.5 39.7





#7
Phenol-d6
Concen: 40.262 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

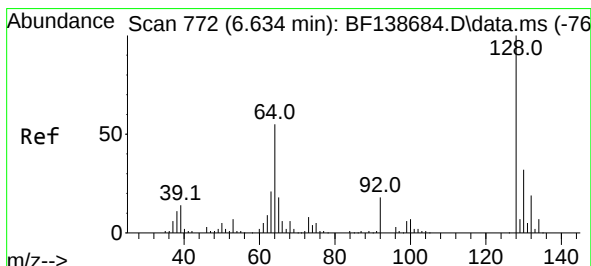
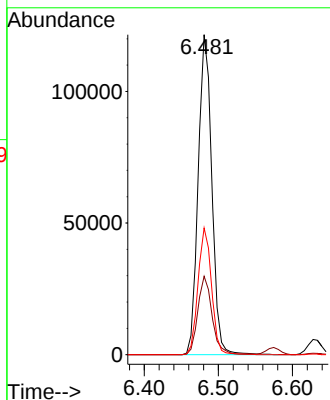
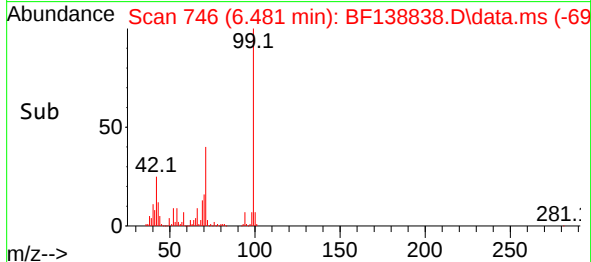
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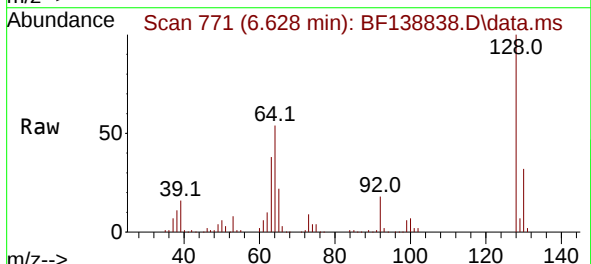
Tgt Ion: 99 Resp: 15546
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 39.6 28.1 42.1

Manual Integrations
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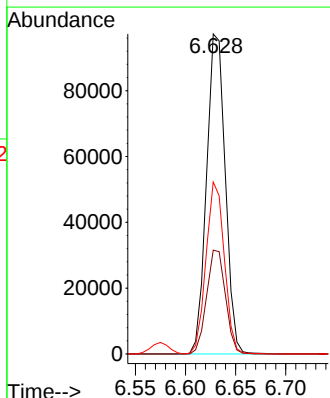
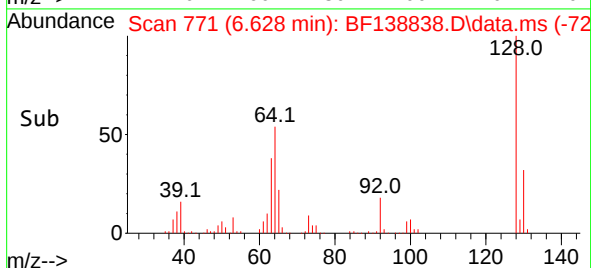
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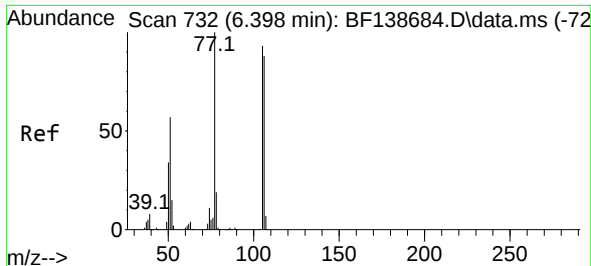


#8
2-Chlorophenol
Concen: 41.837 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



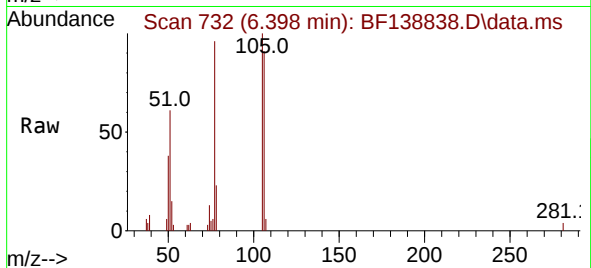
Tgt Ion:128 Resp: 126595
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 53.8 36.3 76.3





#9
Benzaldehyde
Concen: 2.970 ng
RT: 6.398 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

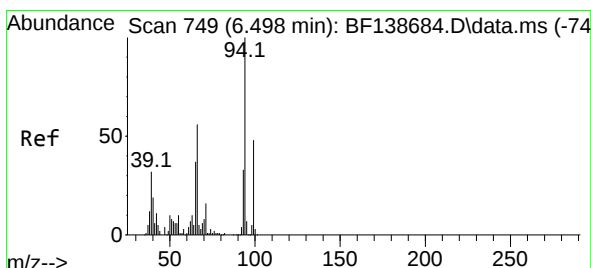
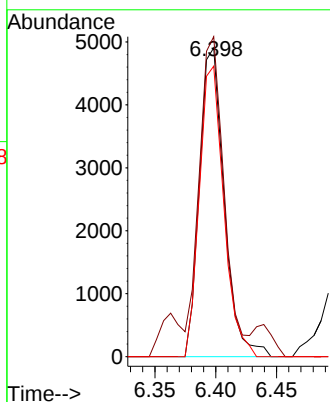
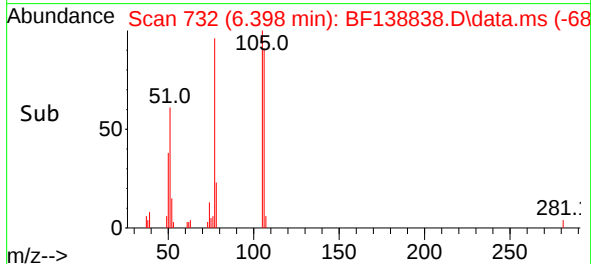
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion: 77 Resp: 6875
Ion Ratio Lower Upper
77 100
105 103.6 72.9 112.9
106 94.1 68.4 108.4

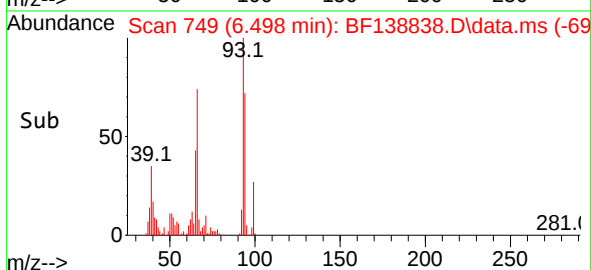
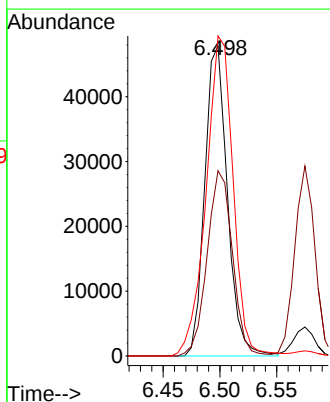
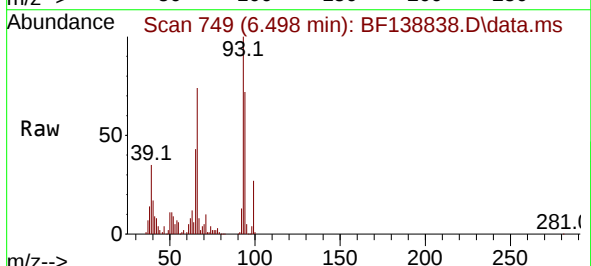
Manual Integrations
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#10
Phenol
Concen: 16.306 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion: 94 Resp: 66295
Ion Ratio Lower Upper
94 100
65 59.8 16.9 56.9#
66 103.2 36.5 76.5#





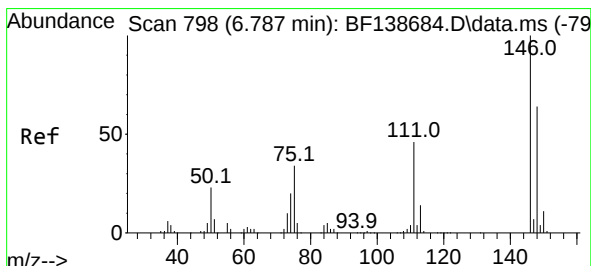
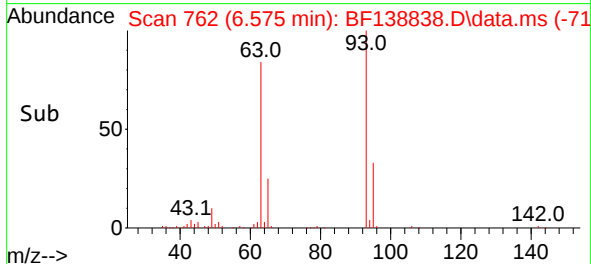
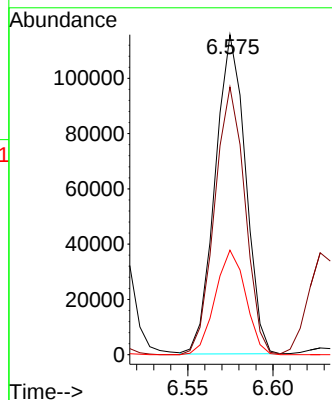
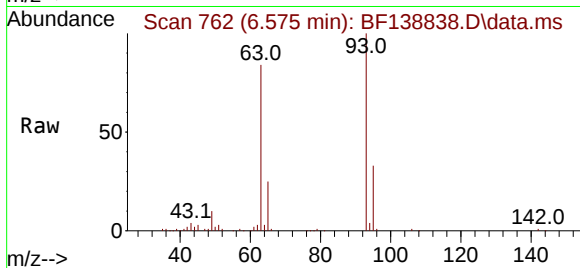
#11
bis(2-Chloroethyl)ether
Concen: 45.764 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS

Tgt Ion: 93 Resp: 14317
Ion Ratio Lower Upper
93 100
63 83.7 65.3 105.3
95 32.6 12.4 52.4

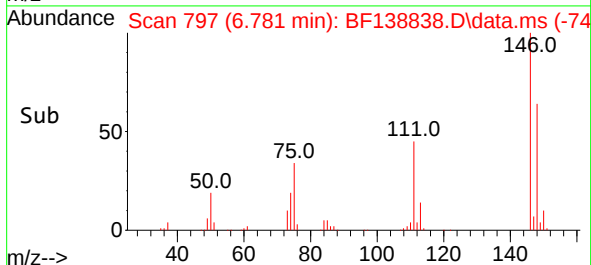
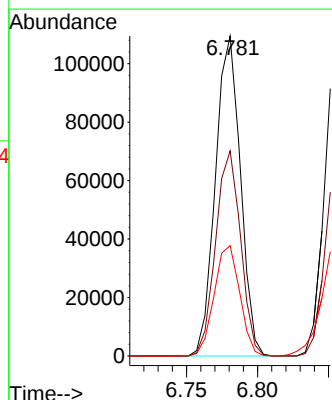
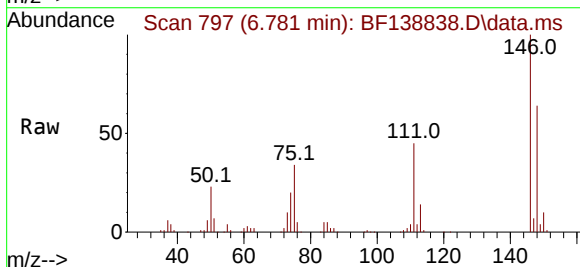
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 39.519 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion:146 Resp: 133858
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 34.5 27.4 41.2





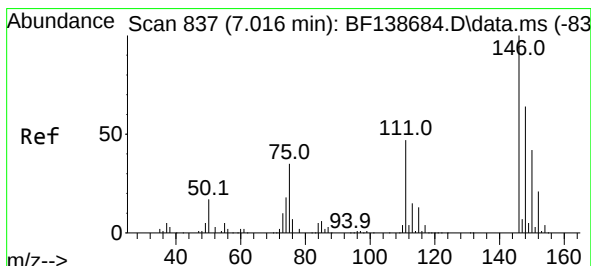
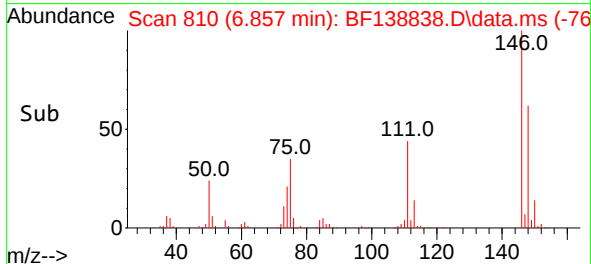
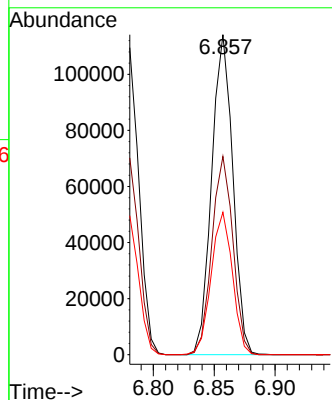
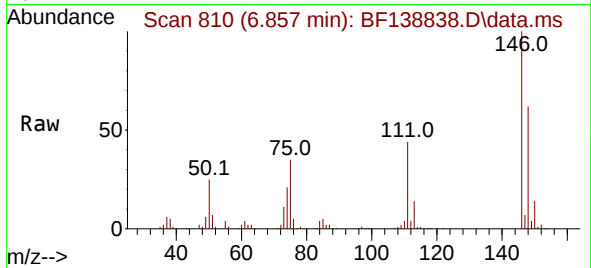
#13
1,4-Dichlorobenzene
Concen: 40.302 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS

Tgt Ion:146 Resp: 13776
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.2
111 44.5 35.9 53.9

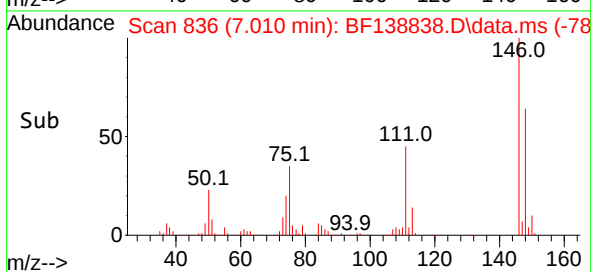
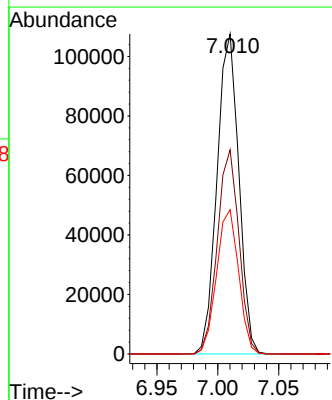
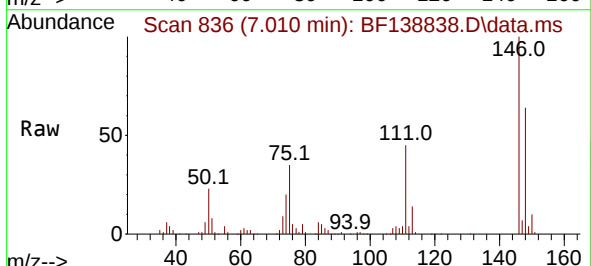
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 41.928 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

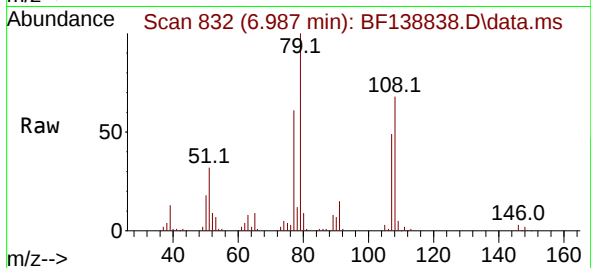
Tgt Ion:146 Resp: 133942
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 45.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 36.561 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

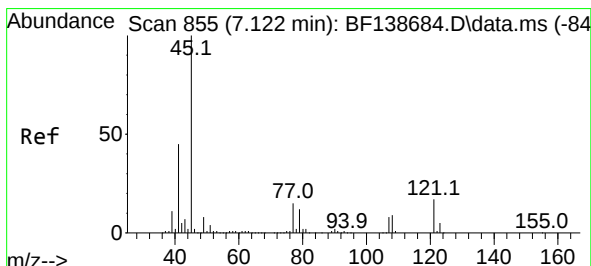
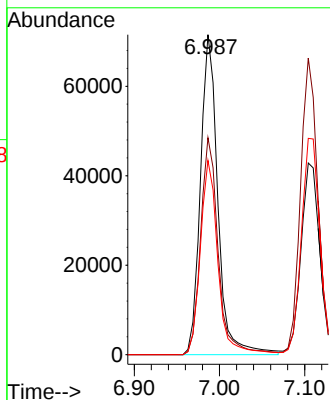
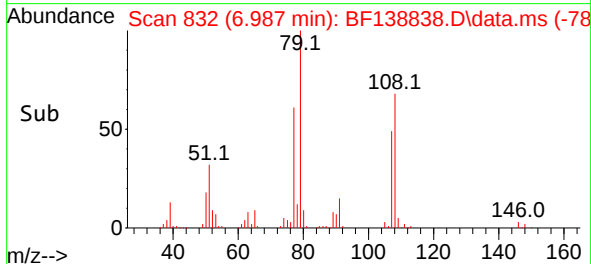
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion: 79 Resp: 101752
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 60.7 50.3 75.5

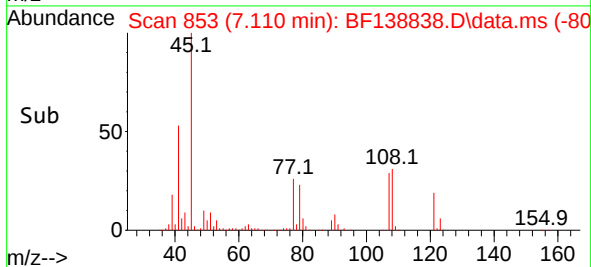
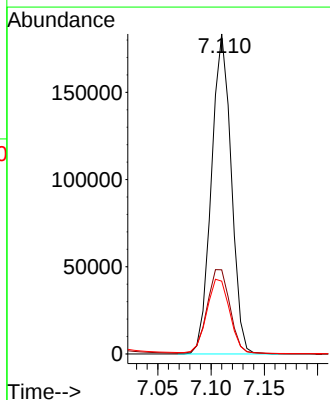
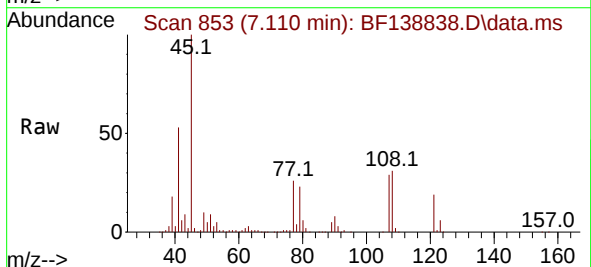
Manual Integrations
APPROVED

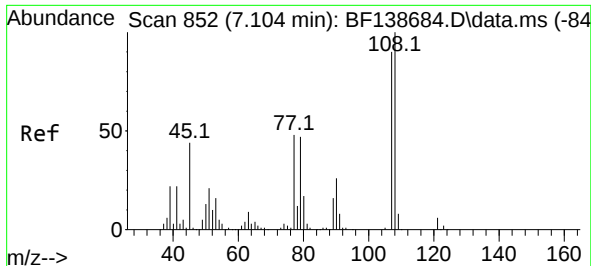
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.076 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

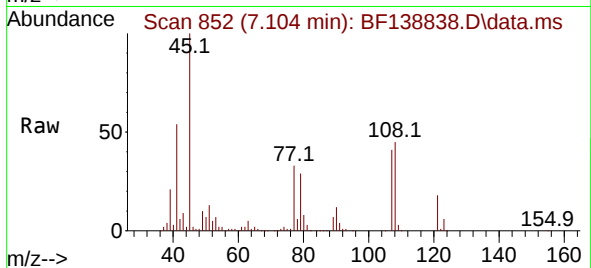
Tgt Ion: 45 Resp: 237315
Ion Ratio Lower Upper
45 100
77 26.3 0.0 34.9
79 22.7 0.0 32.2





#17
2-Methylphenol
Concen: 34.786 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

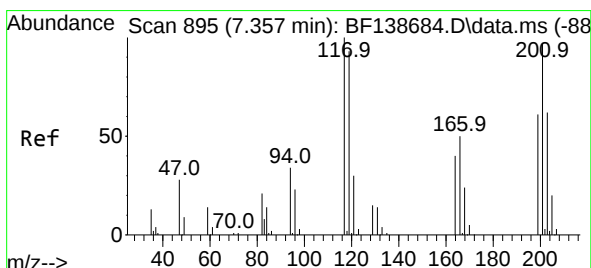
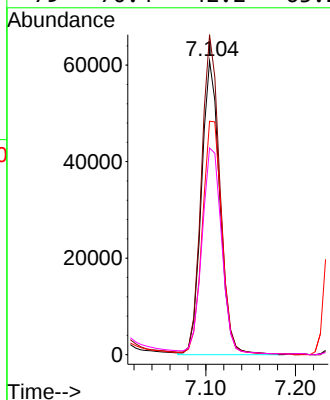
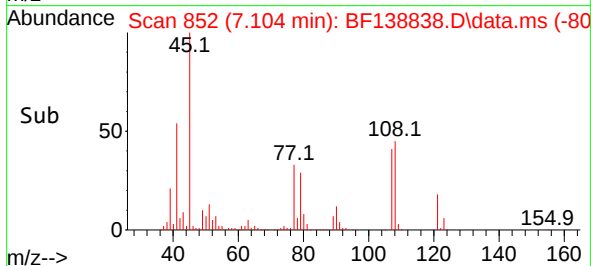
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:107 Resp: 86918
Ion Ratio Lower Upper
107 100
108 108.9 89.2 133.8
77 79.4 43.0 64.4
79 70.4 42.2 63.2

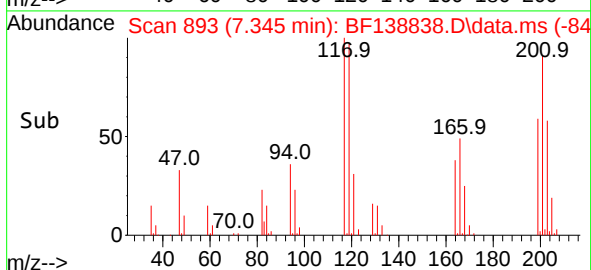
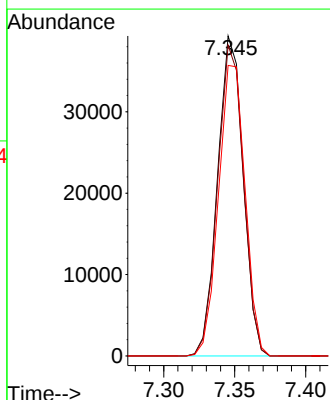
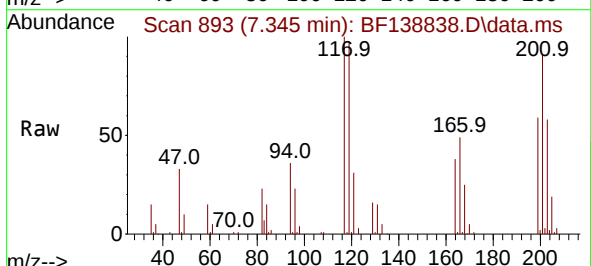
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 38.372 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

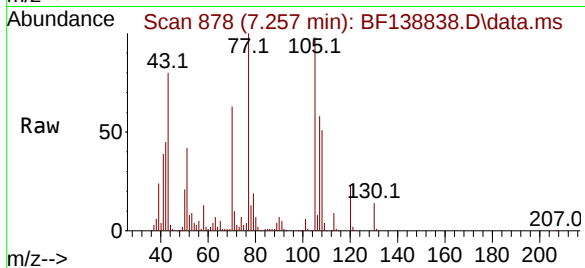
Tgt Ion:117 Resp: 49374
Ion Ratio Lower Upper
117 100
119 97.1 74.6 111.8
201 90.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 51.503 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

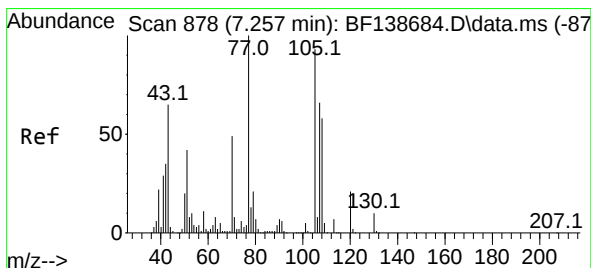
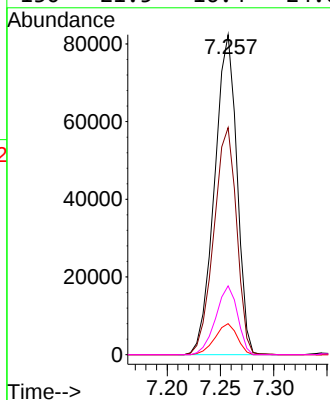
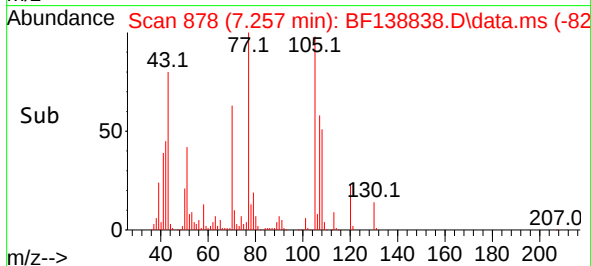
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



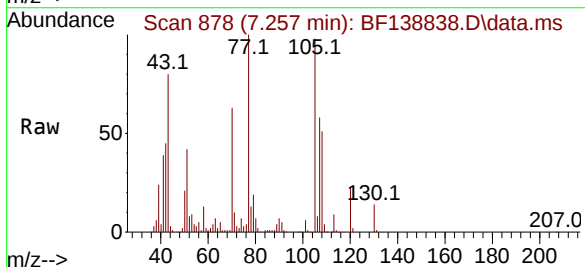
Tgt Ion: 70 Resp: 120110
Ion Ratio Lower Upper
70 100
42 70.9 57.4 86.0
101 9.7 7.5 11.3
130 21.5 16.4 24.6

Manual Integrations
APPROVED

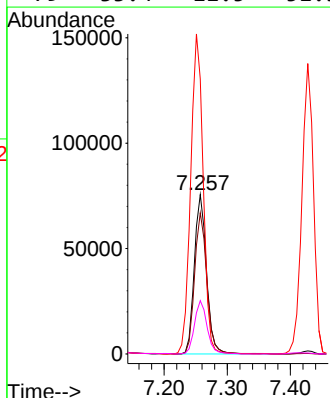
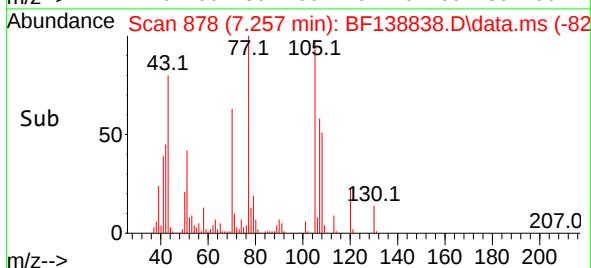
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

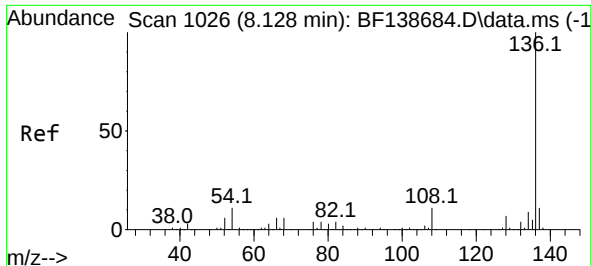


#20
3+4-Methylphenols
Concen: 31.760 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



Tgt Ion:107 Resp: 101819
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 172.5 132.1 172.1#
79 33.4 11.5 51.5





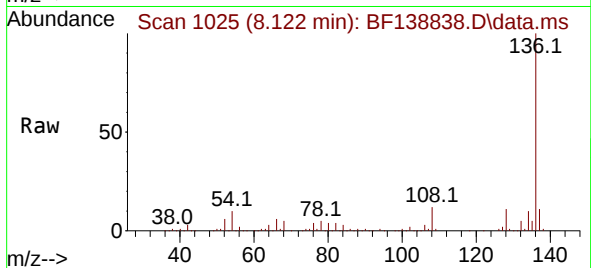
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS



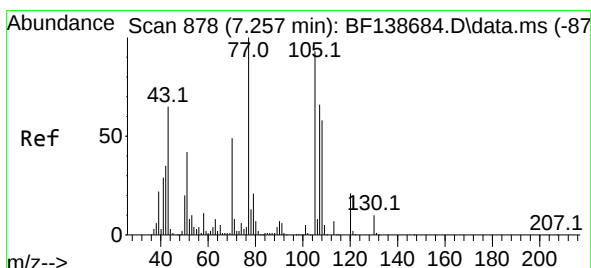
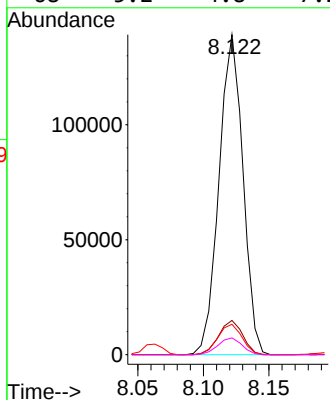
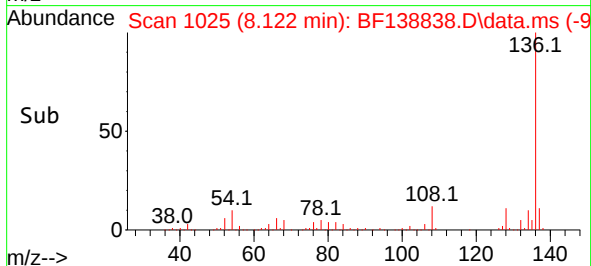
Tgt Ion:136 Resp: 176593
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.5 8.6 12.8
68 5.2 4.8 7.2

Manual Integrations

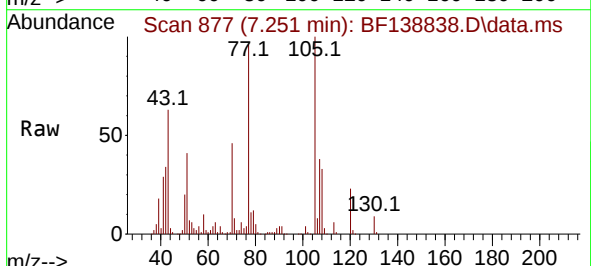
APPROVED

Reviewed By :Yogesh Patel 08/08/2024

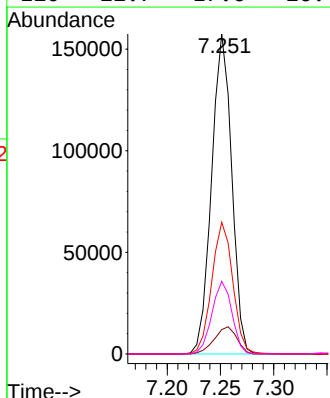
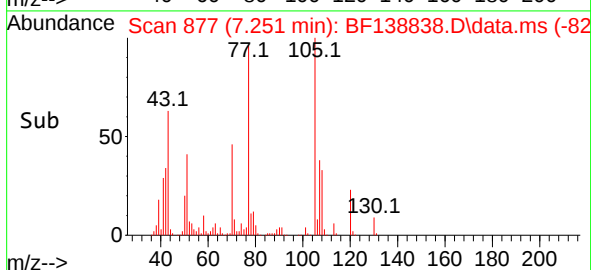
Supervised By :mohammad ahmed 08/08/2024



#22
Acetophenone
Concen: 47.787 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



Tgt Ion:105 Resp: 206625
Ion Ratio Lower Upper
105 100
71 7.6 7.2 10.8
51 41.2 35.9 53.9
120 22.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 95.307 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

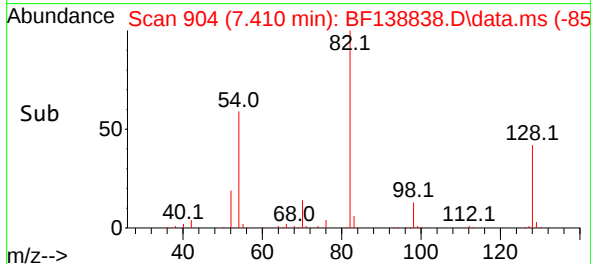
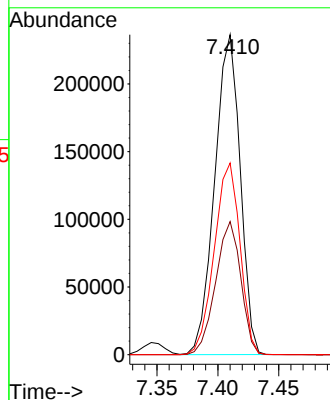
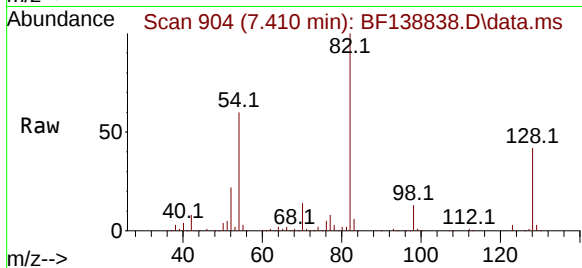
Tgt Ion: 82 Resp: 344244
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.8 49.2
 54 59.9 48.3 72.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#24

Nitrobenzene

Concen: 47.647 ng

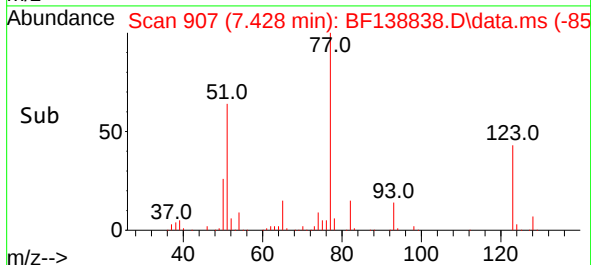
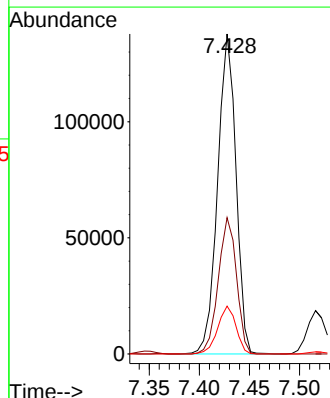
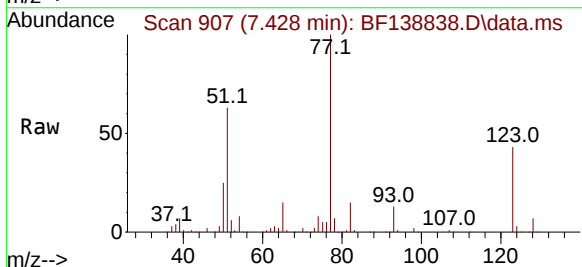
RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

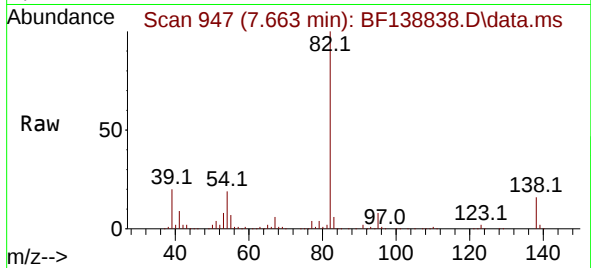
Tgt Ion: 77 Resp: 175122
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.3 49.9
 65 14.9 11.9 17.9





#25
Isophorone
Concen: 50.779 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

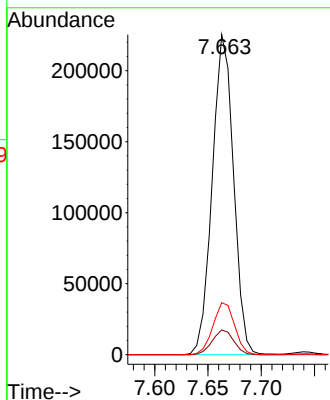
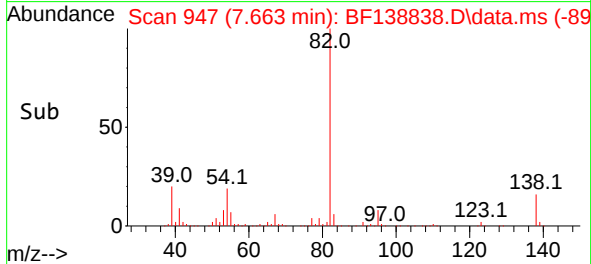
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion: 82 Resp: 313184
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 16.3 13.7 20.5

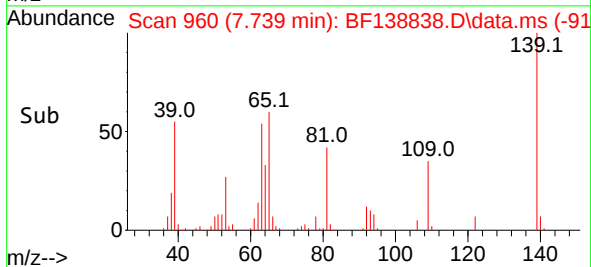
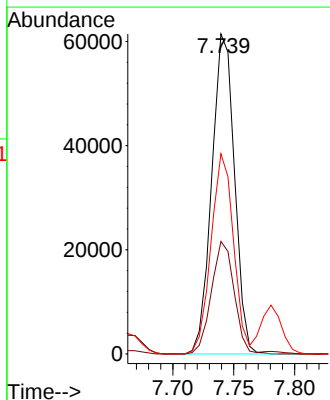
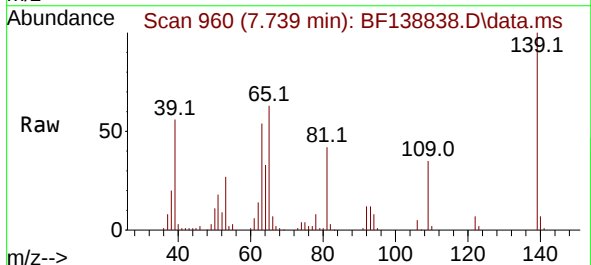
Manual Integrations
APPROVED

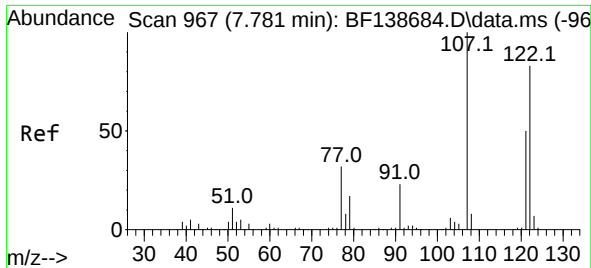
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#26
2-Nitrophenol
Concen: 50.522 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion:139 Resp: 79890
Ion Ratio Lower Upper
139 100
109 35.1 25.9 38.9
65 62.6 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 49.357 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

Tgt Ion:122 Resp: 9338

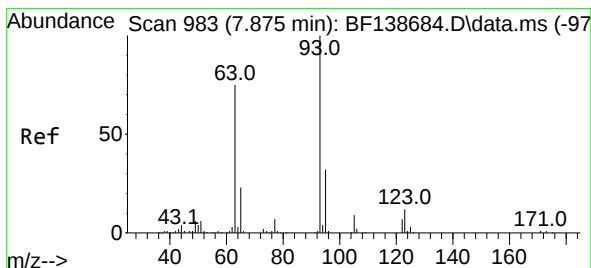
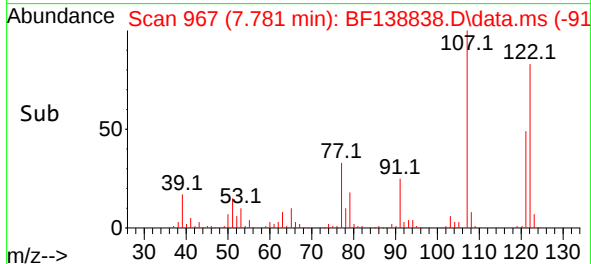
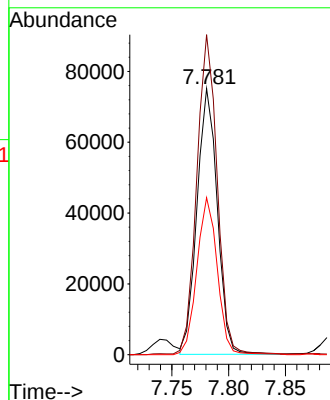
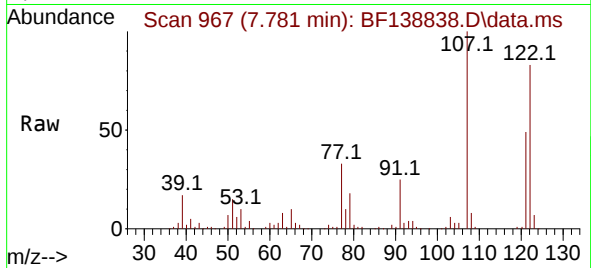
Ion	Ratio	Lower	Upper
122	100		
107	120.2	95.0	142.6
121	59.0	47.3	70.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.887 ng

RT: 7.869 min Scan# 982

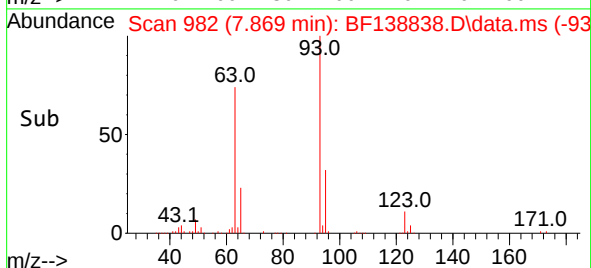
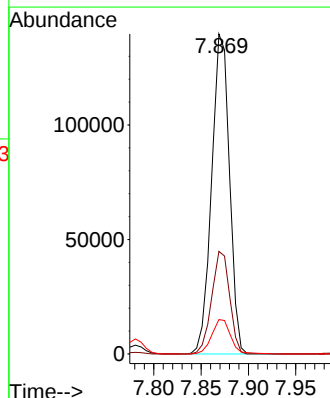
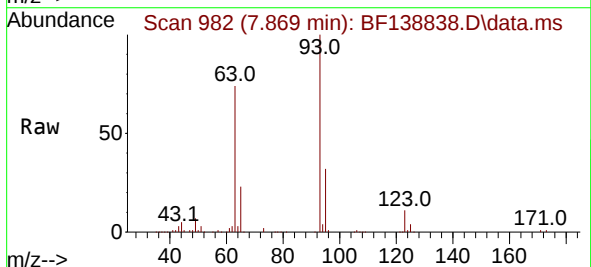
Delta R.T. -0.006 min

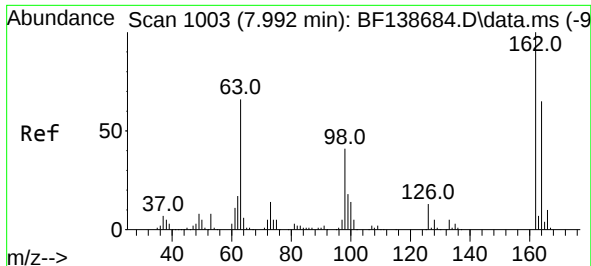
Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Tgt Ion: 93 Resp: 183614

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 49.466 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138838.D

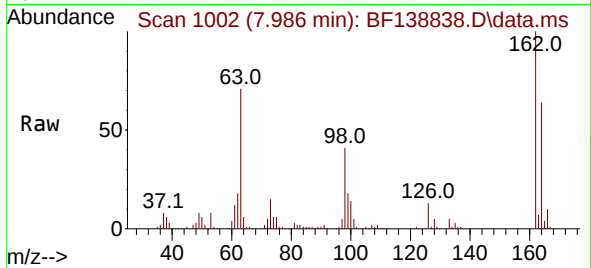
Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS



Tgt Ion:162 Resp: 120258

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

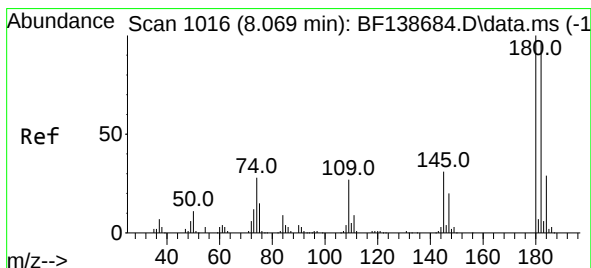
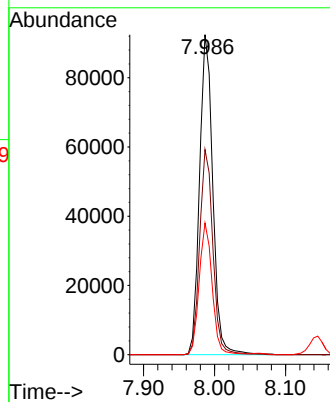
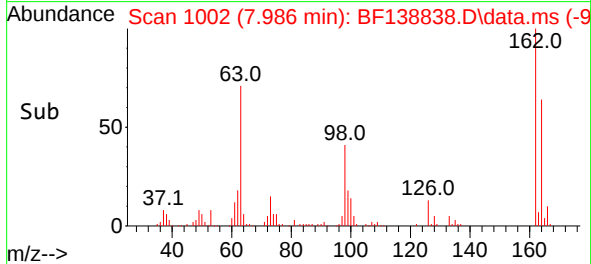
98 41.1 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.671 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

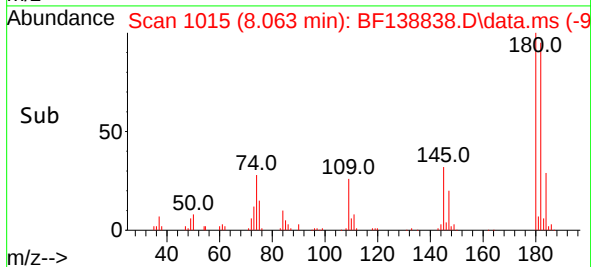
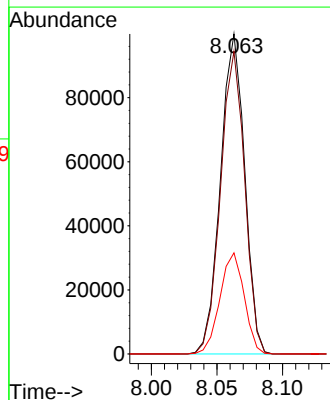
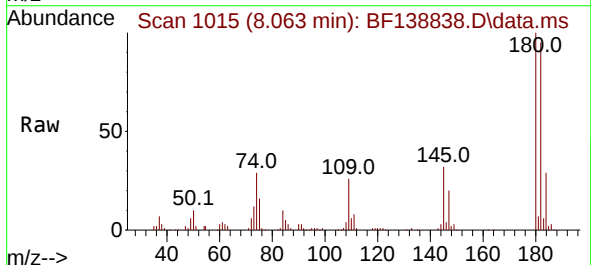
Tgt Ion:180 Resp: 128133

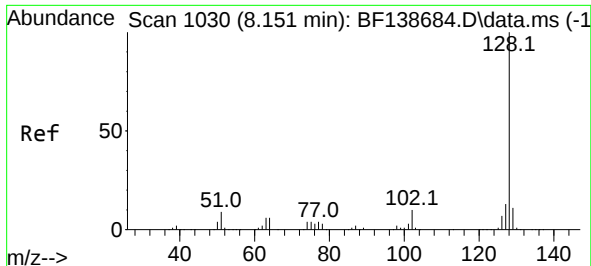
Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

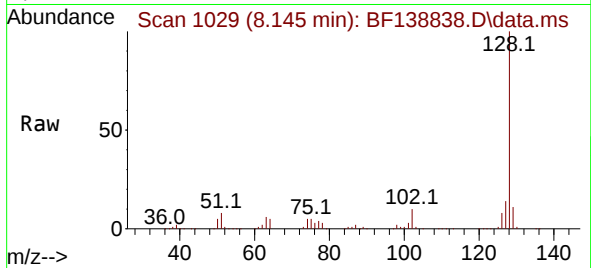
145 31.6 25.0 37.4





#31
Naphthalene
Concen: 46.045 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

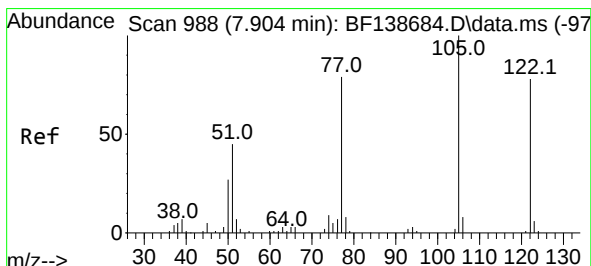
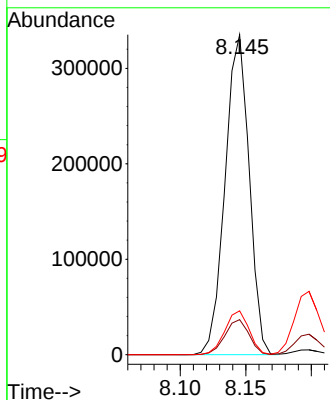
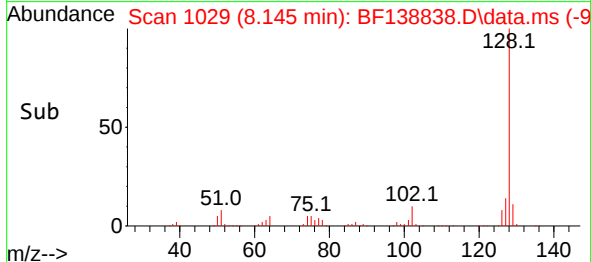
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:128 Resp: 427999
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.6 16.0

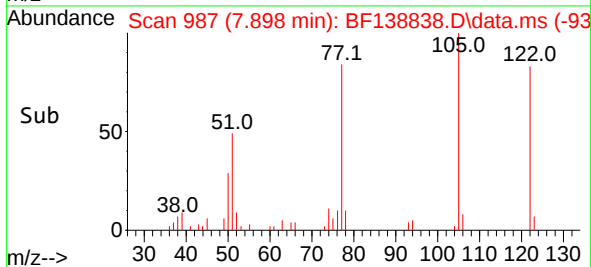
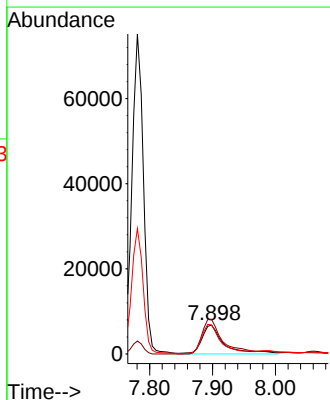
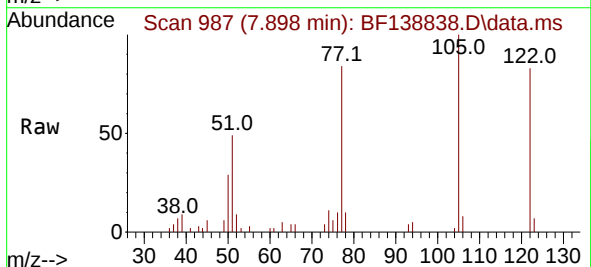
Manual Integrations
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Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#32
Benzoic acid
Concen: 11.043 ng m
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

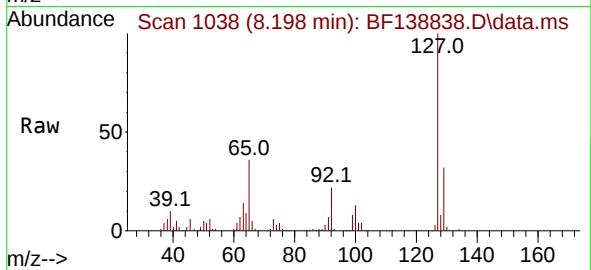
Tgt Ion:122 Resp: 16423
Ion Ratio Lower Upper
122 100
105 120.3 106.7 146.7
77 100.8 81.1 121.1





#33
4-Chloroaniline
Concen: 32.332 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

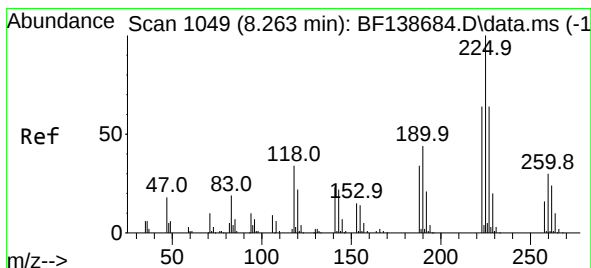
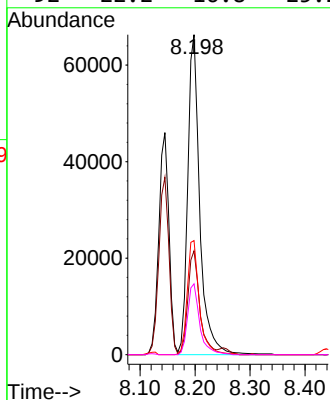
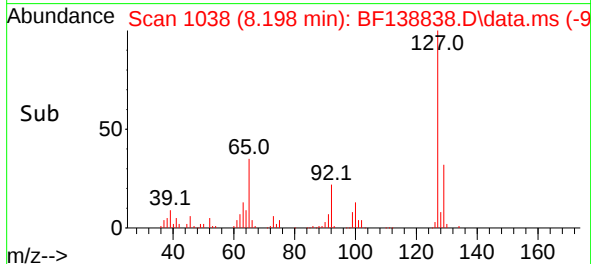
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:127 Resp: 10088
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 35.7 27.6 41.4
92 22.2 16.8 25.2

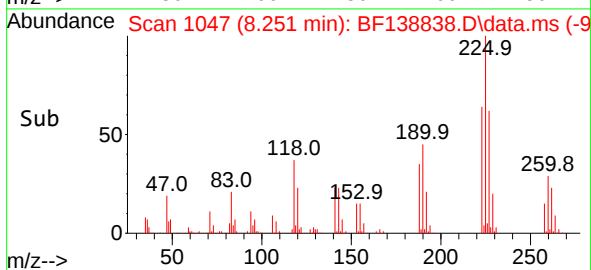
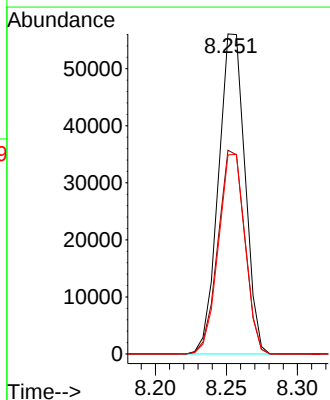
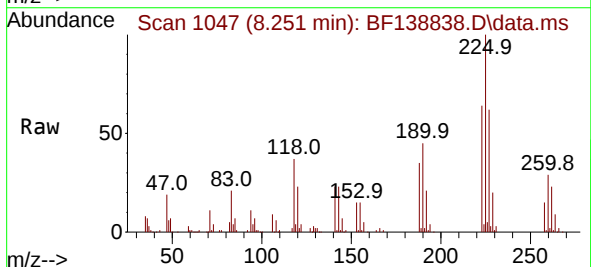
Manual Integrations
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Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#34
Hexachlorobutadiene
Concen: 42.898 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

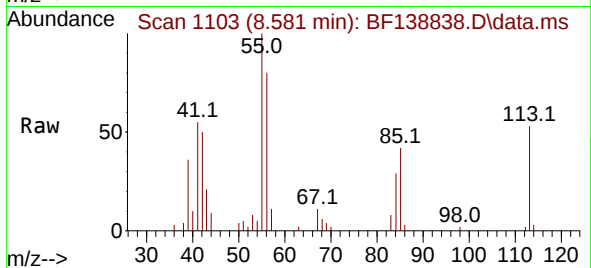
Tgt Ion:225 Resp: 72898
Ion Ratio Lower Upper
225 100
223 63.6 51.2 76.8
227 62.2 51.1 76.7





#35
 Caprolactam
 Concen: 9.330 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF138838.D
 Acq: 07 Aug 2024 13:04

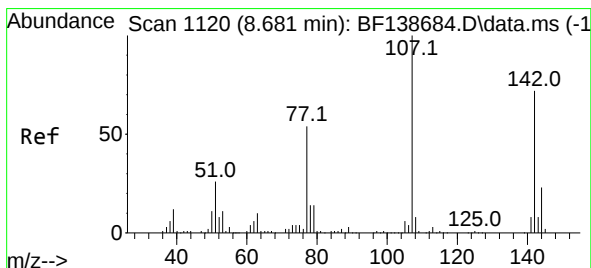
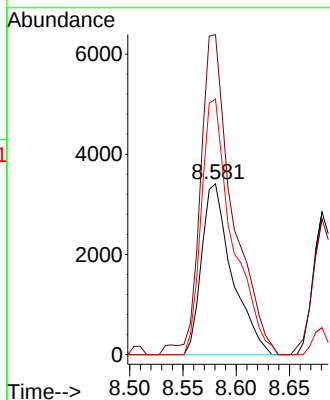
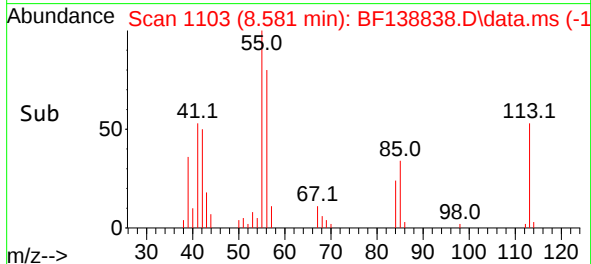
Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MS



Tgt Ion:113 Resp: 6768
 Ion Ratio Lower Upper
 113 100
 55 187.3 186.7 226.7
 56 149.6 138.9 178.9

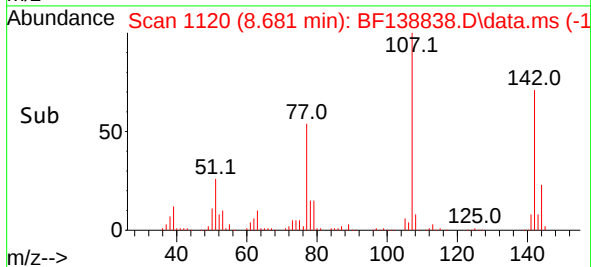
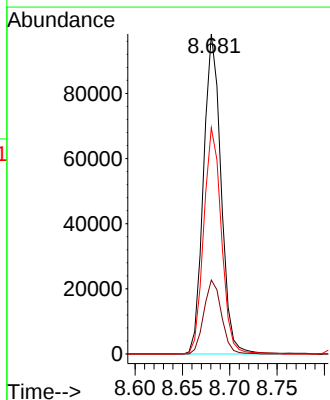
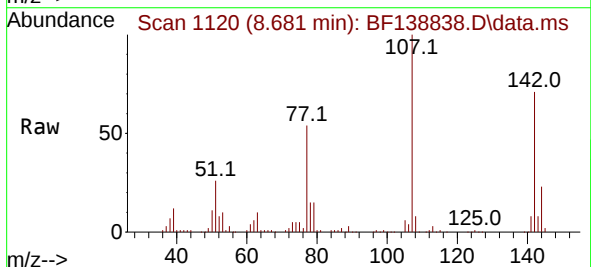
Manual Integrations
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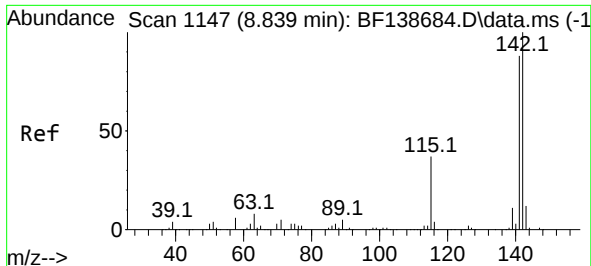
Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024



#36
 4-Chloro-3-methylphenol
 Concen: 45.397 ng
 RT: 8.681 min Scan# 1120
 Delta R.T. -0.000 min
 Lab File: BF138838.D
 Acq: 07 Aug 2024 13:04

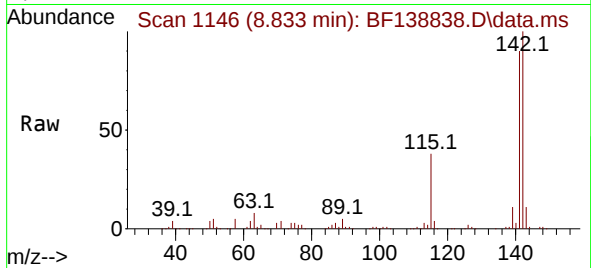
Tgt Ion:107 Resp: 126133
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.2 27.2
 142 70.7 57.4 86.2





#37
2-Methylnaphthalene
Concen: 49.128 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

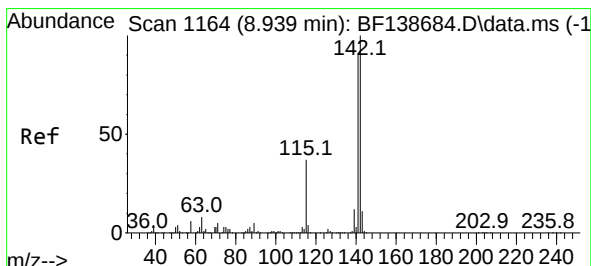
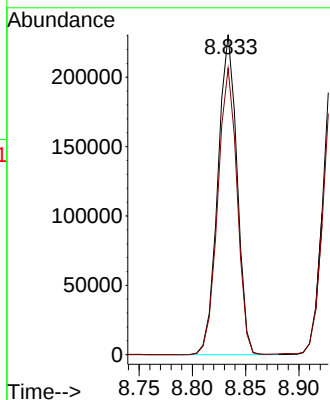
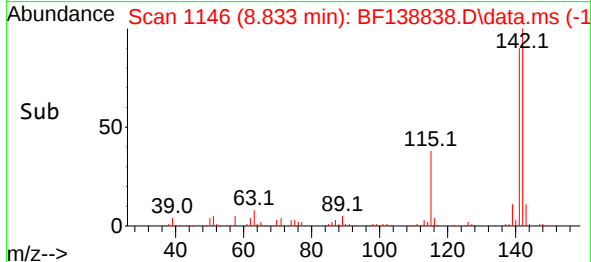
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:142 Resp: 28840
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

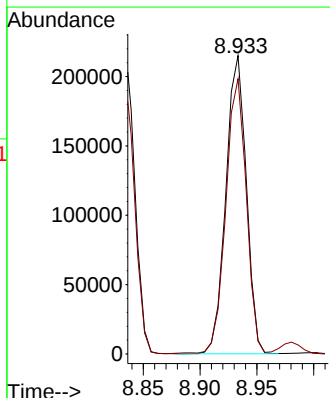
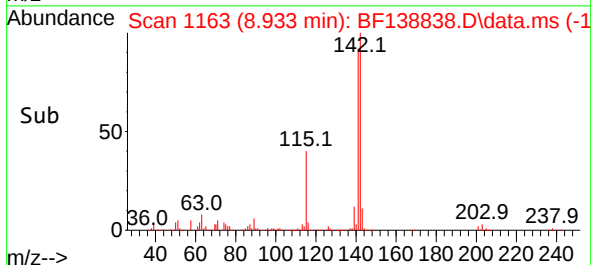
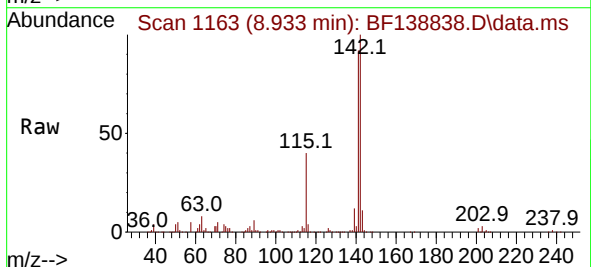
Manual Integrations
APPROVED

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



#38
1-Methylnaphthalene
Concen: 46.729 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

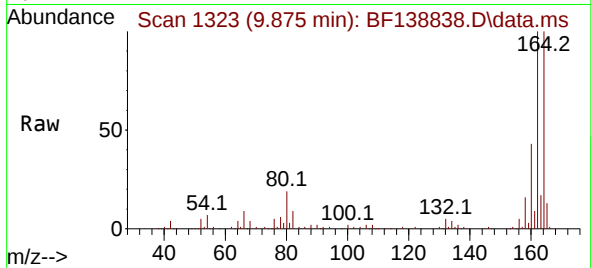
Tgt Ion:142 Resp: 268808
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

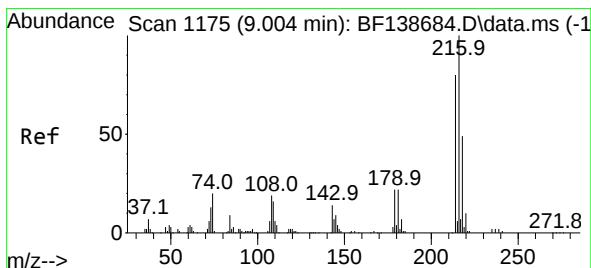
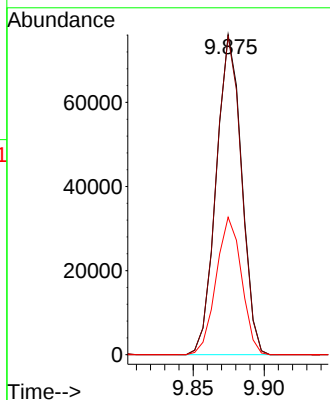
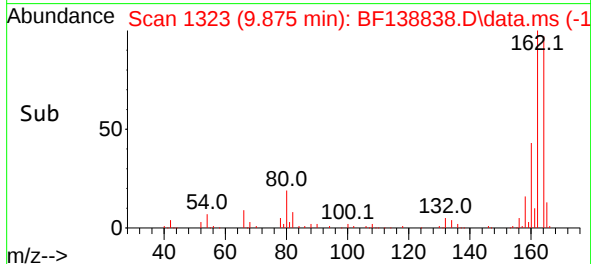
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



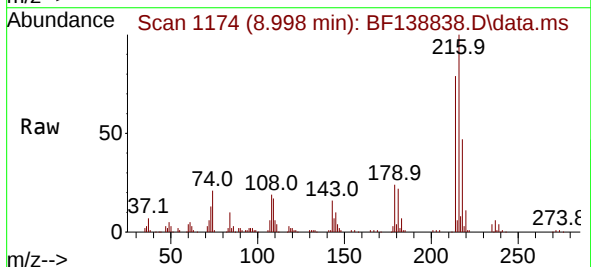
Tgt Ion:164 Resp: 9460
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.0 35.1 52.7

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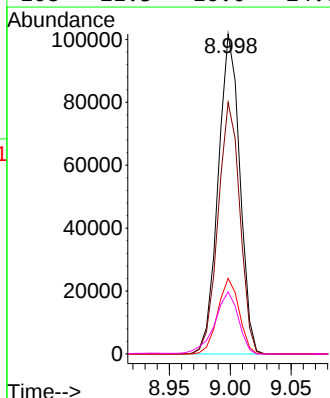
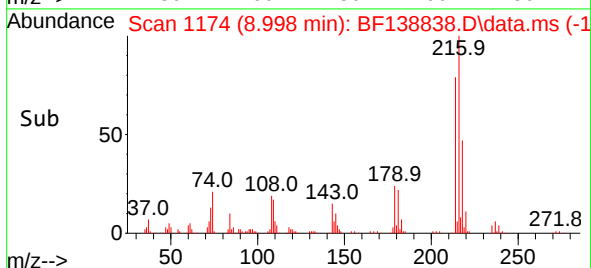
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.827 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



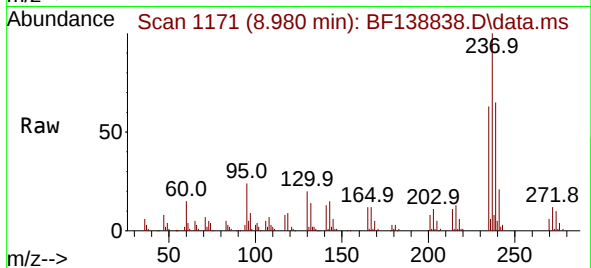
Tgt Ion:216 Resp: 125691
Ion Ratio Lower Upper
216 100
214 79.2 63.9 95.9
179 23.3 17.8 26.6
108 21.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 109.293 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

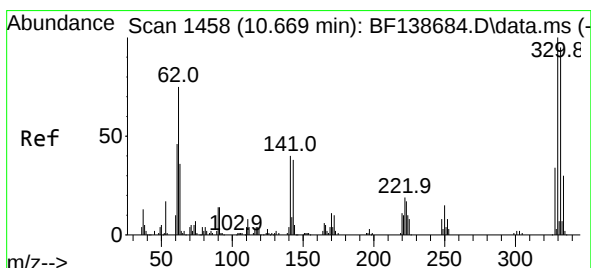
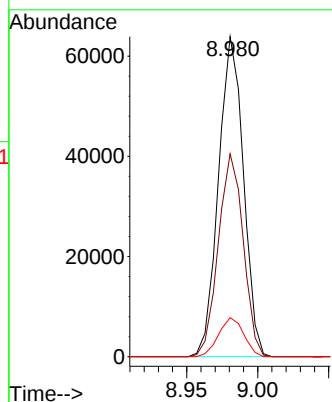
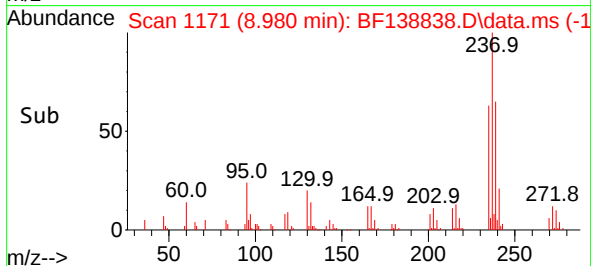
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



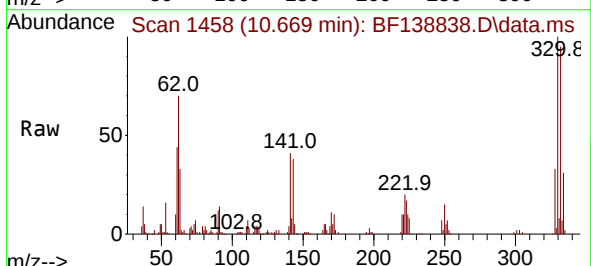
Tgt Ion:237 Resp: 7796
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 12.2 0.0 32.2

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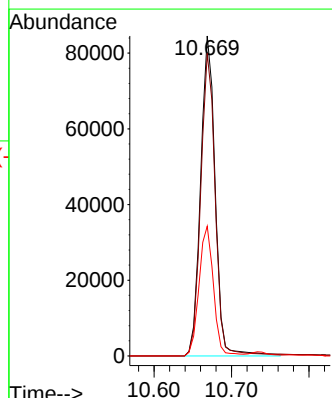
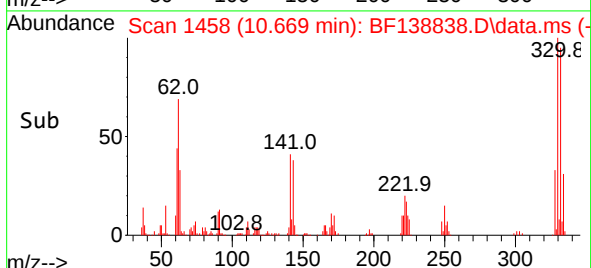
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#42
2,4,6-Tribromophenol
Concen: 142.891 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



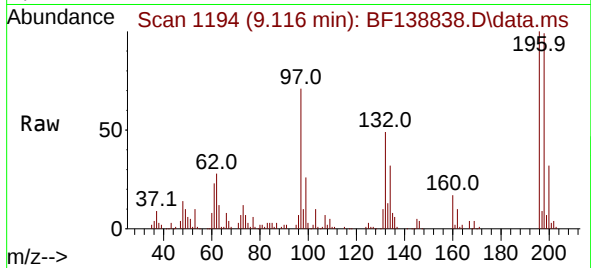
Tgt Ion:330 Resp: 110732
Ion Ratio Lower Upper
330 100
332 94.4 76.4 114.6
141 40.1 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 49.619 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

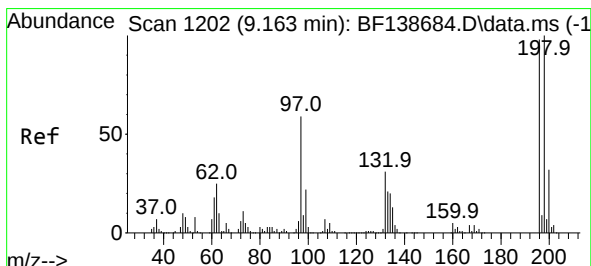
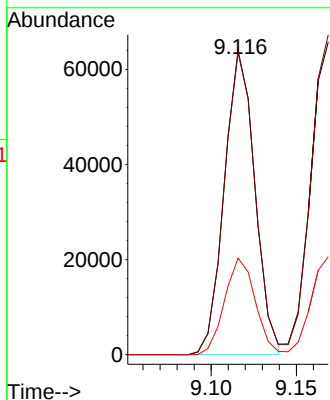
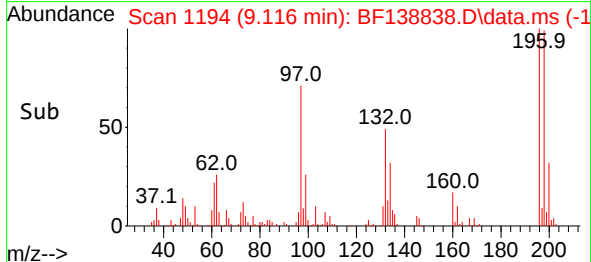
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



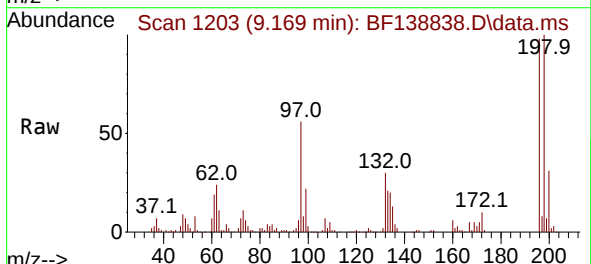
Tgt Ion:196 Resp: 79500
Ion Ratio Lower Upper
196 100
198 99.3 80.5 120.7
200 31.7 25.9 38.9

Manual Integrations
APPROVED

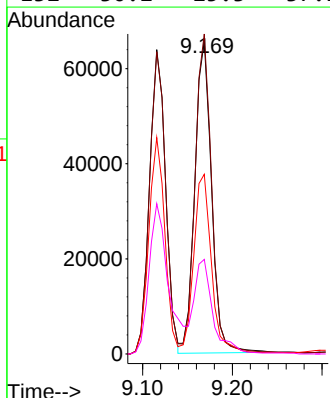
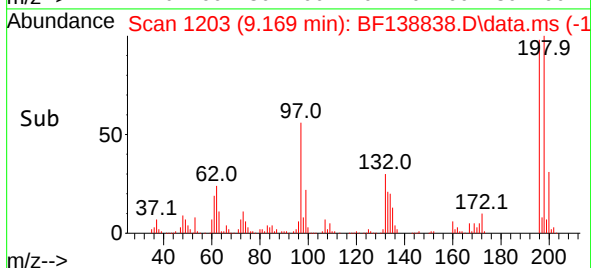
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

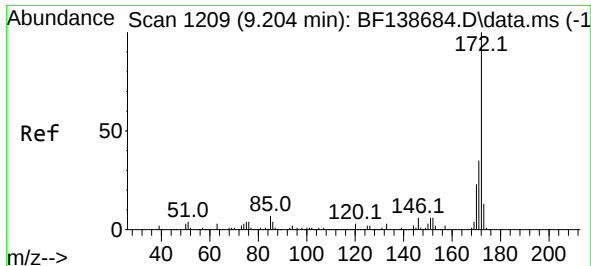


#44
2,4,5-Trichlorophenol
Concen: 48.557 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



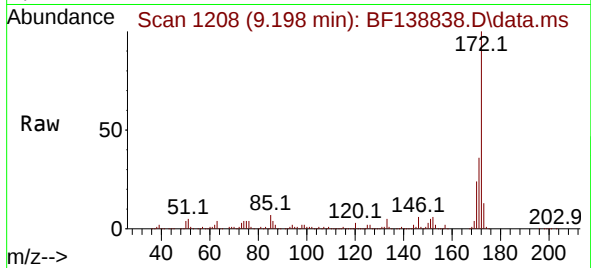
Tgt Ion:196 Resp: 85057
Ion Ratio Lower Upper
196 100
198 102.3 81.2 121.8
97 57.5 47.8 71.6
132 30.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 96.516 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

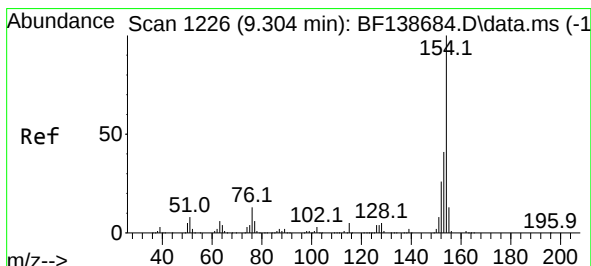
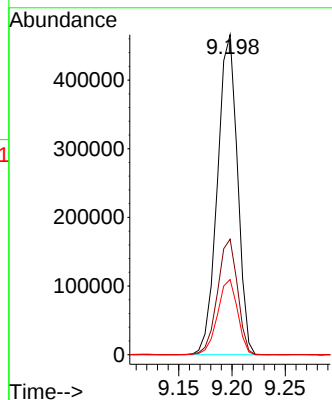
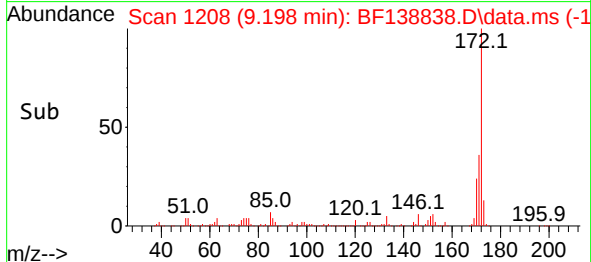
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



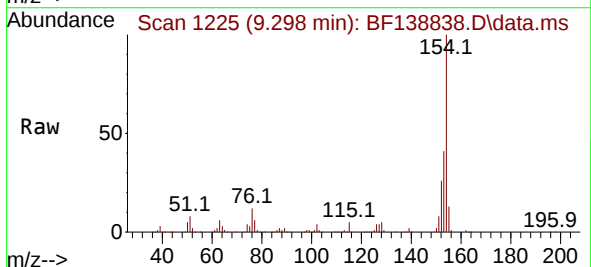
Tgt Ion:172 Resp: 607714
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.8 28.2

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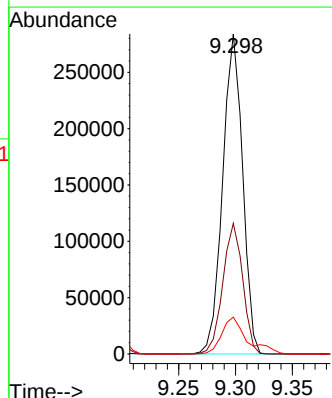
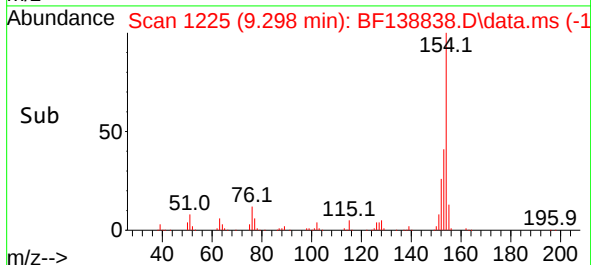
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#46
1,1'-Biphenyl
Concen: 46.802 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



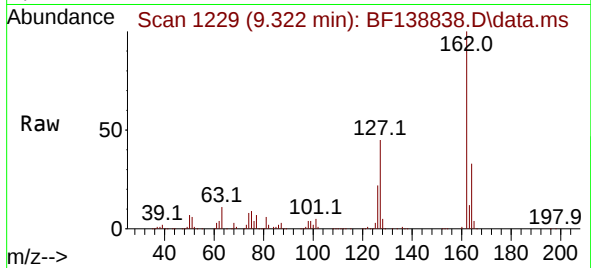
Tgt Ion:154 Resp: 346771
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 49.387 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

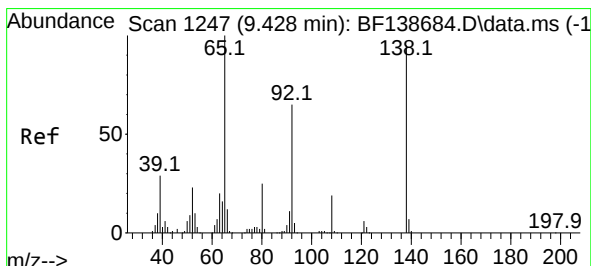
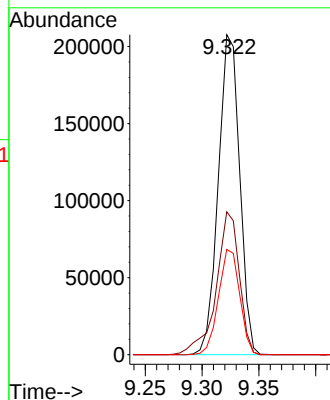
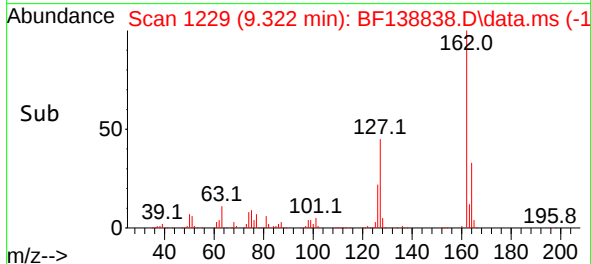
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:162 Resp: 27215
Ion Ratio Lower Upper
162 100
127 44.6 35.4 53.2
164 32.9 25.6 38.4

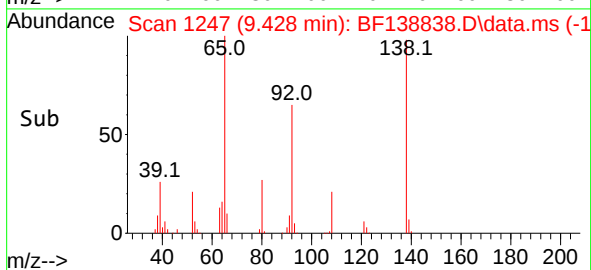
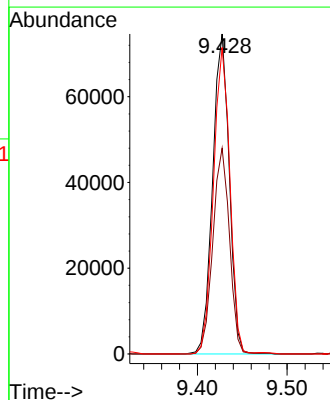
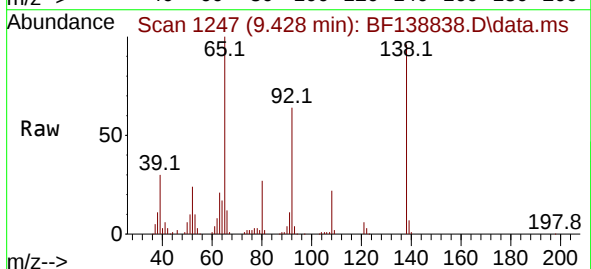
Manual Integrations
APPROVED

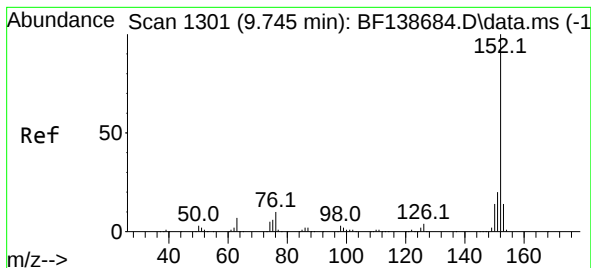
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#48
2-Nitroaniline
Concen: 51.385 ng
RT: 9.428 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion: 65 Resp: 95994
Ion Ratio Lower Upper
65 100
92 64.3 52.0 78.0
138 95.8 76.2 114.4





#49

Acenaphthylene

Concen: 53.975 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

Tgt Ion:152 Resp: 421840

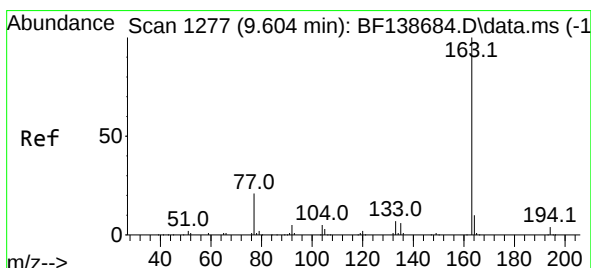
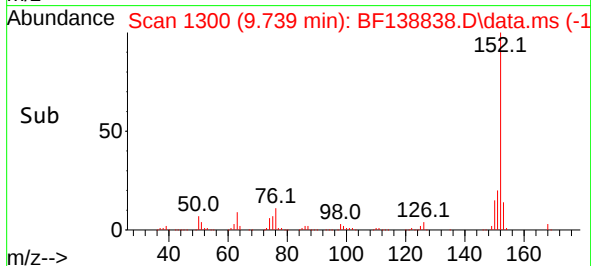
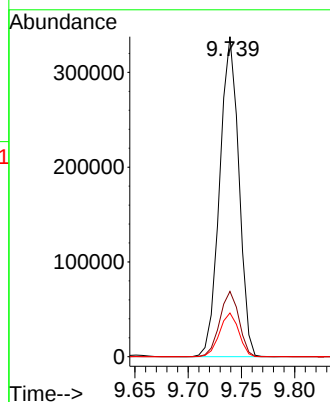
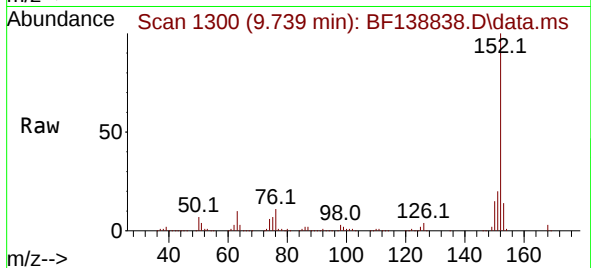
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.7	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#50

Dimethylphthalate

Concen: 53.697 ng

RT: 9.604 min Scan# 1277

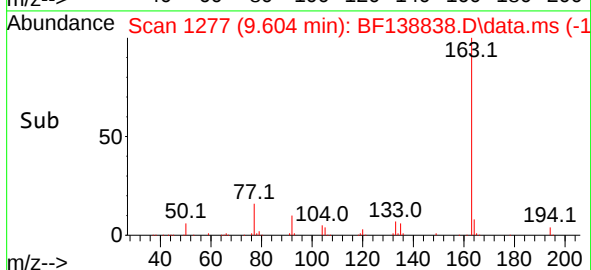
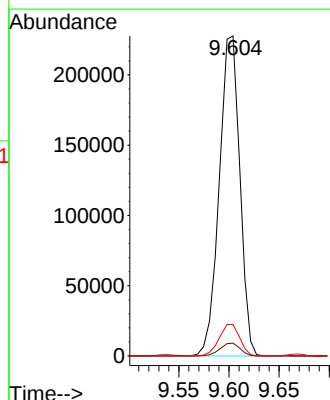
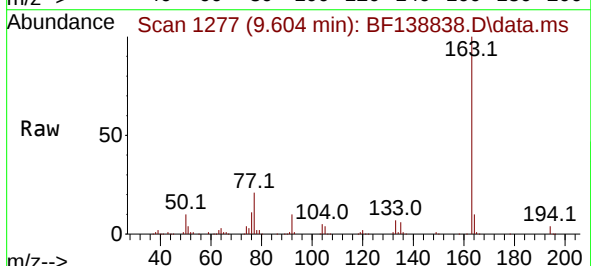
Delta R.T. -0.000 min

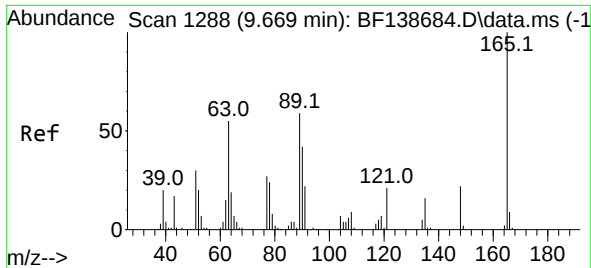
Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Tgt Ion:163 Resp: 324822

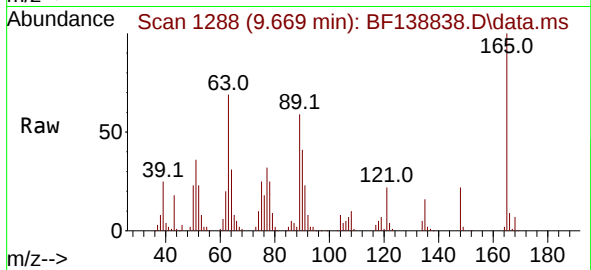
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.8	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 51.312 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

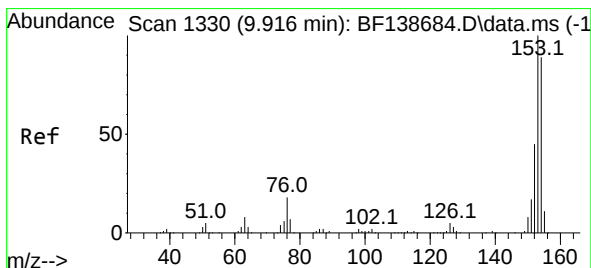
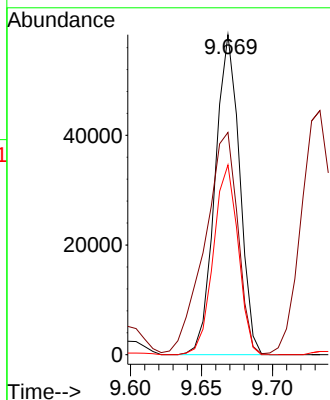
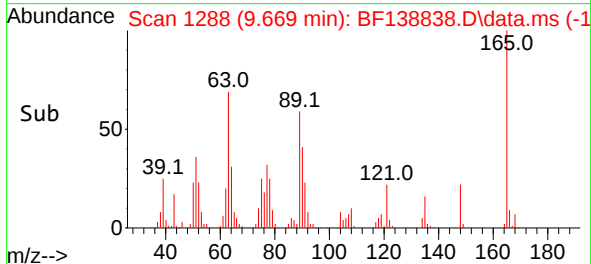
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:165 Resp: 7005
Ion Ratio Lower Upper
165 100
63 69.4 52.0 78.0
89 59.3 47.0 70.6

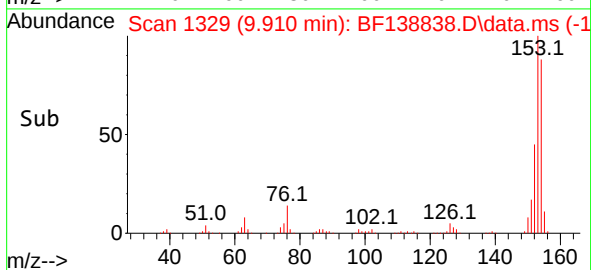
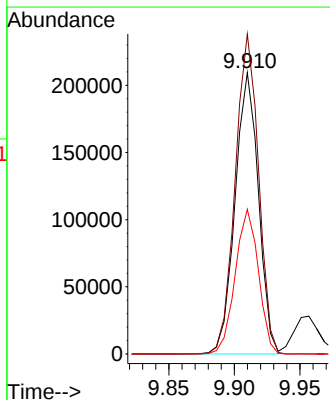
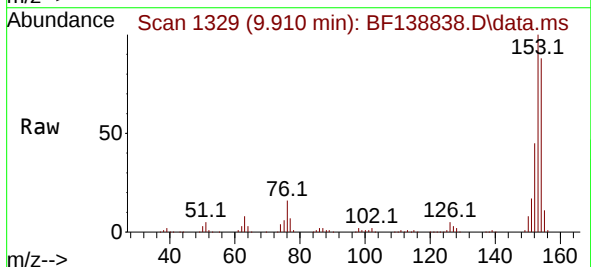
Manual Integrations
APPROVED

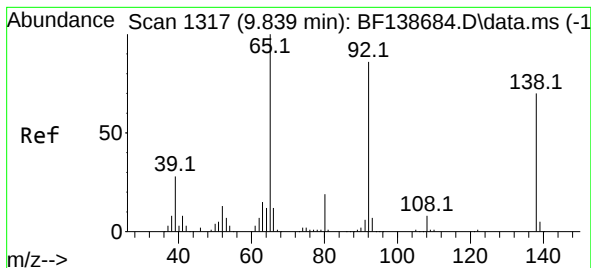
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#52
Acenaphthene
Concen: 49.439 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

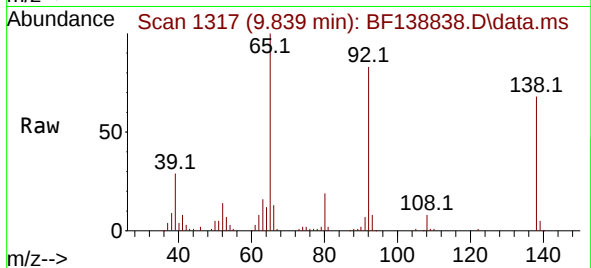
Tgt Ion:154 Resp: 259741
Ion Ratio Lower Upper
154 100
153 113.7 89.9 134.9
152 51.4 40.6 60.8





#53
3-Nitroaniline
Concen: 31.581 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

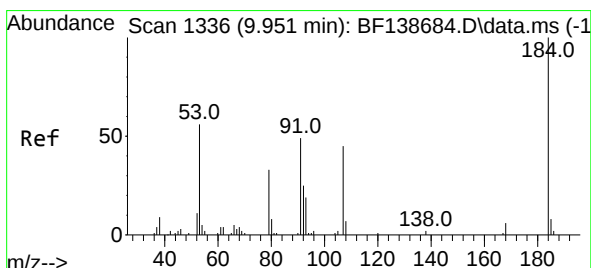
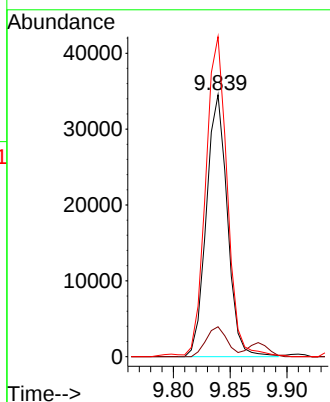
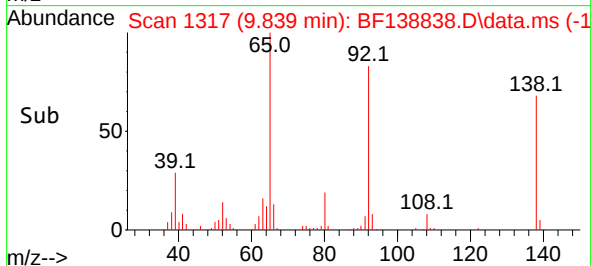
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:138 Resp: 44570
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 122.2 98.7 148.1

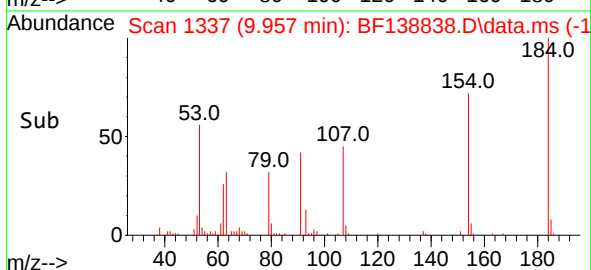
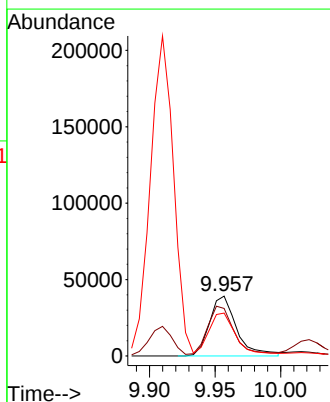
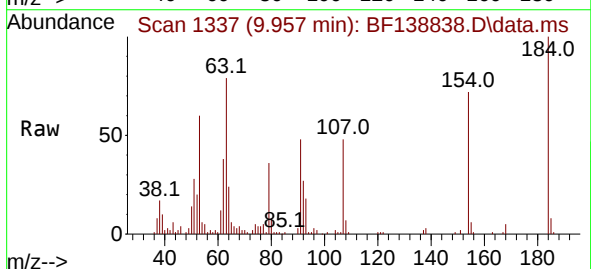
Manual Integrations
APPROVED

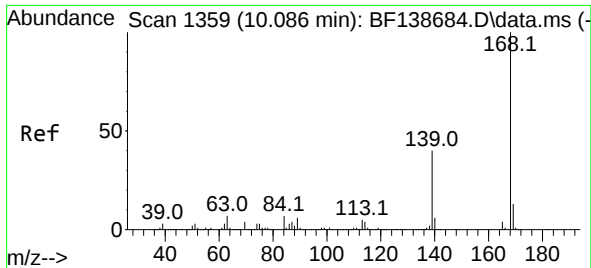
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#54
2,4-Dinitrophenol
Concen: 89.870 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

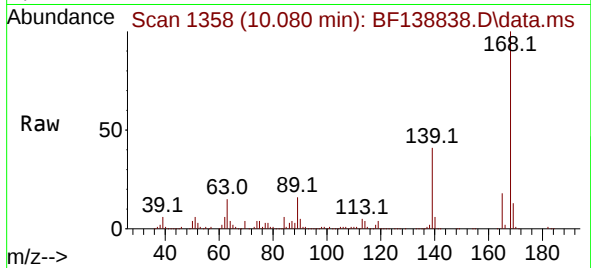
Tgt Ion:184 Resp: 56478
Ion Ratio Lower Upper
184 100
63 79.5 57.5 86.3
154 71.7 51.7 77.5





#55
Dibenzofuran
Concen: 52.758 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

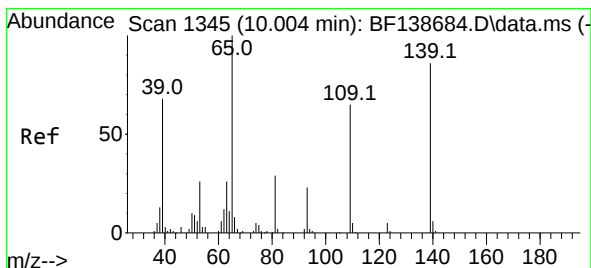
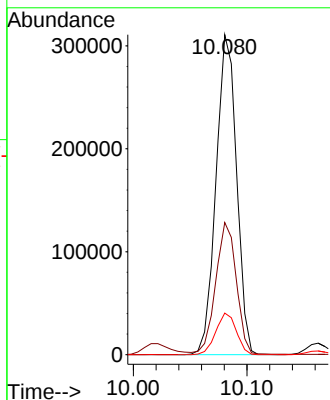
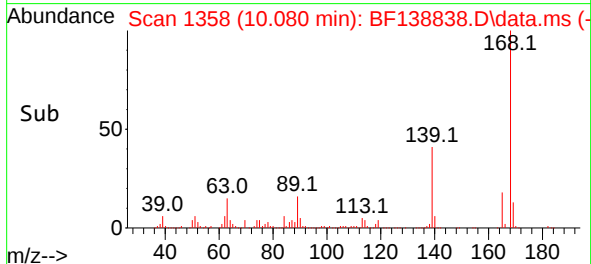
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:168 Resp: 391268
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.0 10.7 16.1

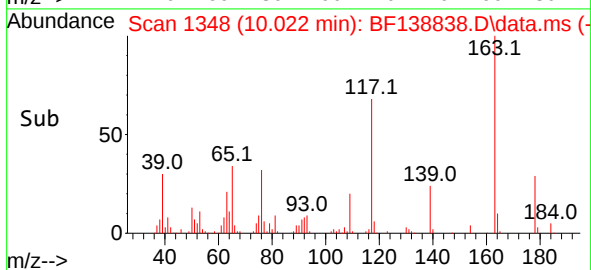
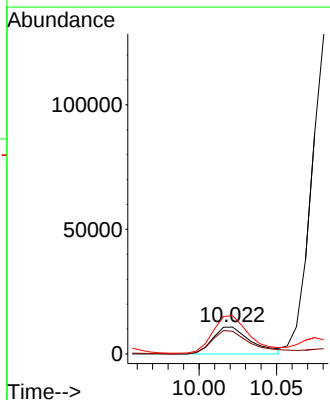
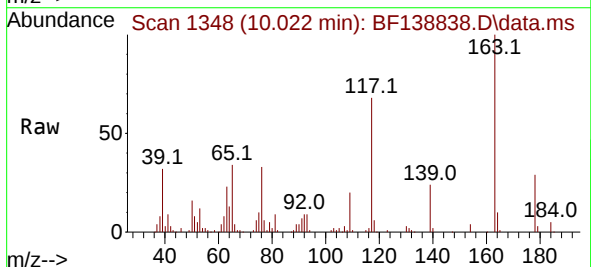
Manual Integrations
APPROVED

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



#56
4-Nitrophenol
Concen: 21.914 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

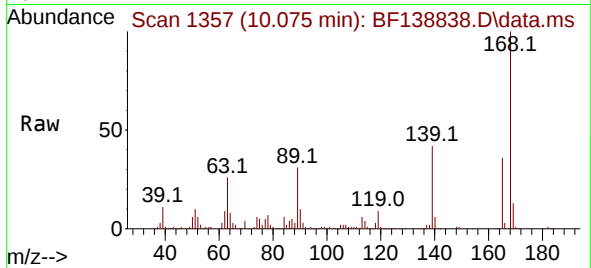
Tgt Ion:139 Resp: 18598
Ion Ratio Lower Upper
139 100
109 84.5 55.5 95.5
65 142.6 96.7 136.7#





#57
2,4-Dinitrotoluene
Concen: 51.843 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

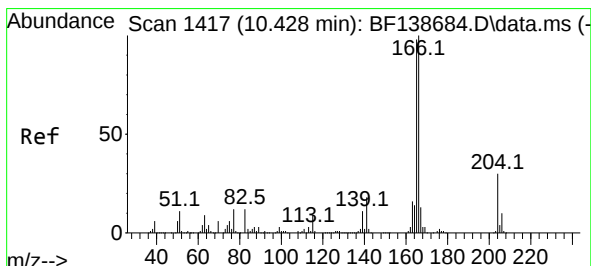
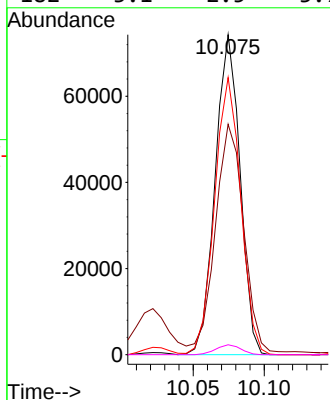
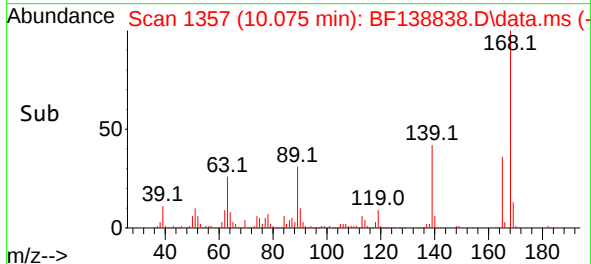
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:165 Resp: 90298
Ion Ratio Lower Upper
165 100
63 72.0 46.3 69.5
89 86.6 64.2 96.4
182 3.1 2.5 3.7

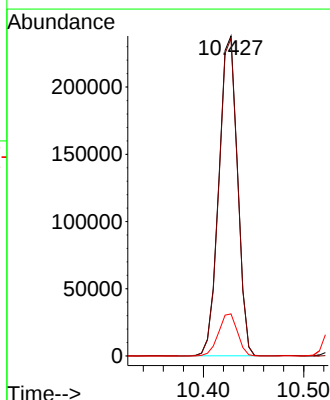
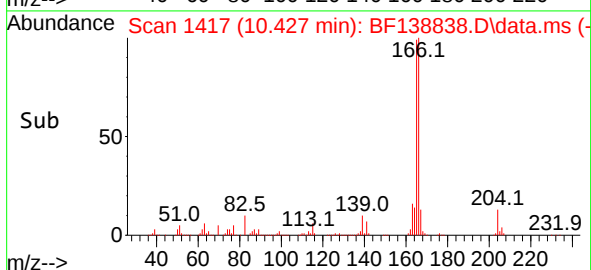
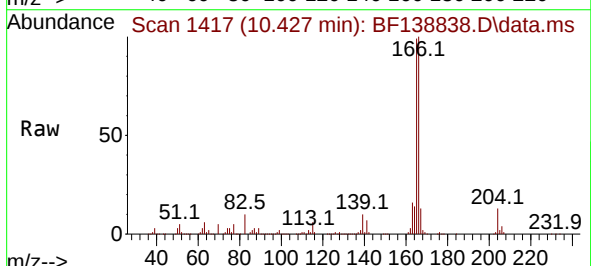
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 51.865 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

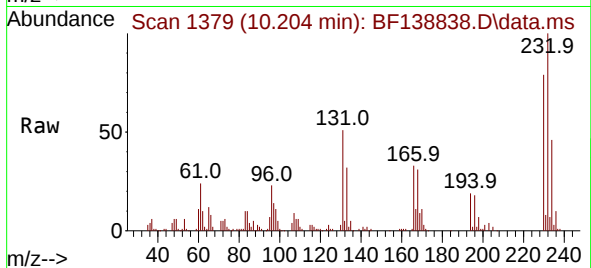
Tgt Ion:166 Resp: 306309
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.624 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

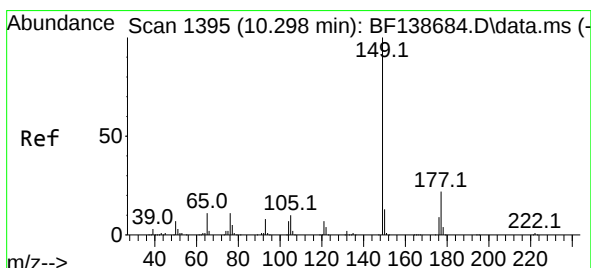
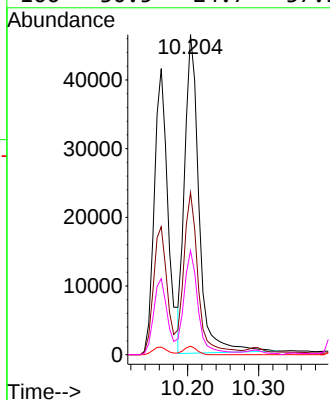
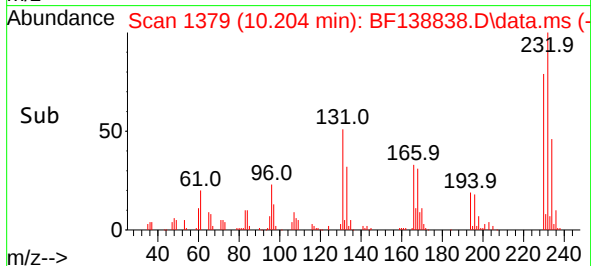
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:232 Resp: 6511
Ion Ratio Lower Upper
232 100
131 51.4 37.0 55.4
130 2.5 2.0 3.0
166 30.5 24.7 37.1

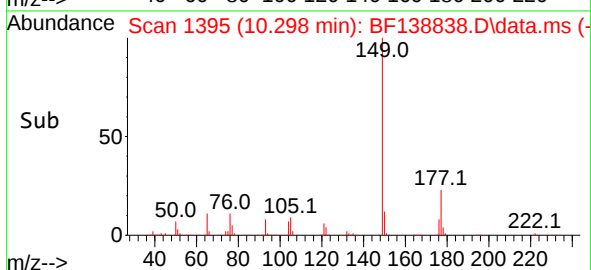
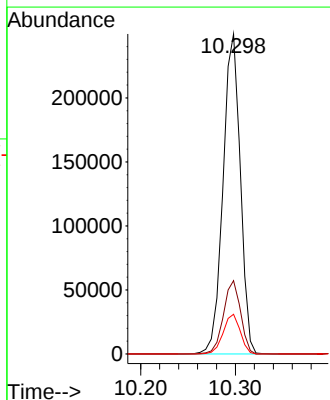
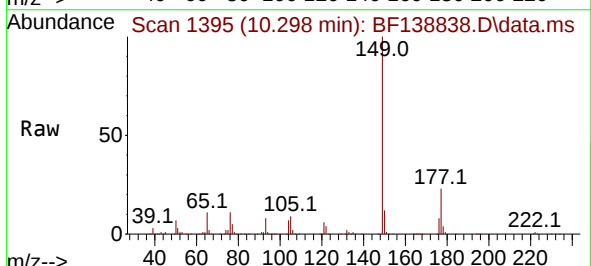
Manual Integrations
APPROVED

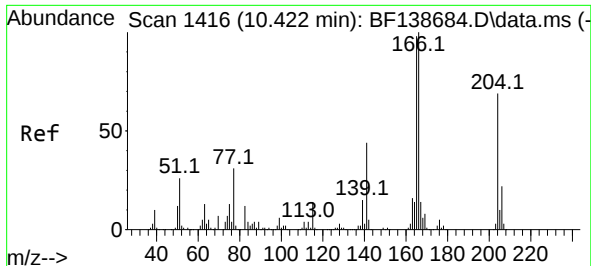
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#60
Diethylphthalate
Concen: 55.238 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

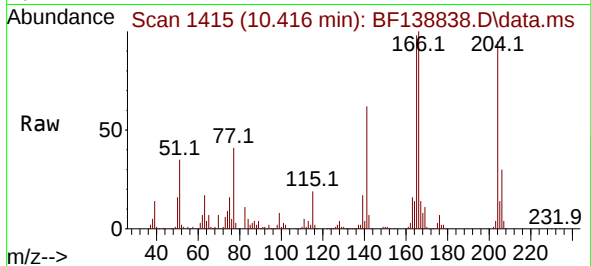
Tgt Ion:149 Resp: 316829
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 52.883 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

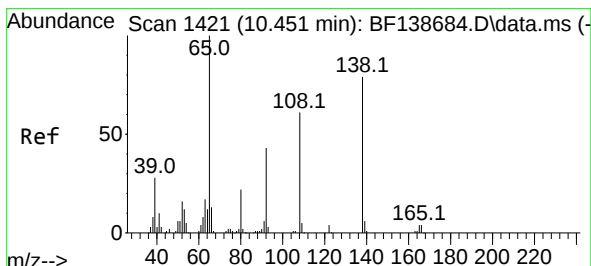
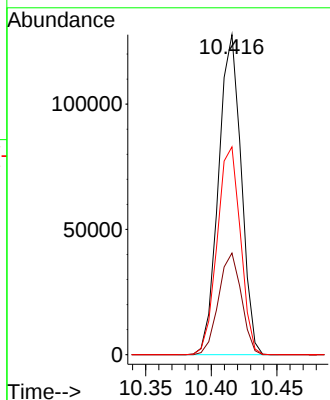
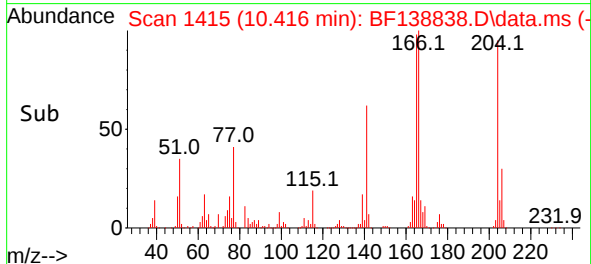
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:204 Resp: 153604
Ion Ratio Lower Upper
204 100
206 31.7 26.1 39.1
141 65.0 51.4 77.0

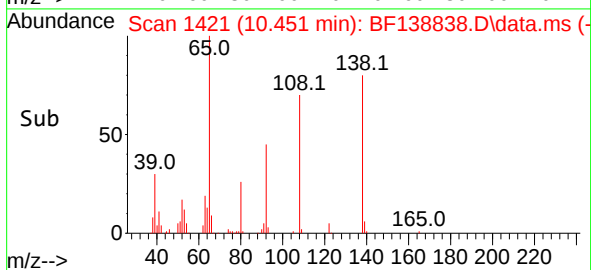
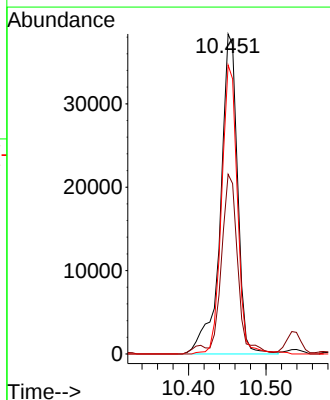
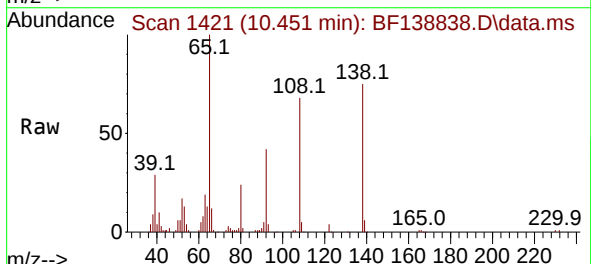
Manual Integrations
APPROVED

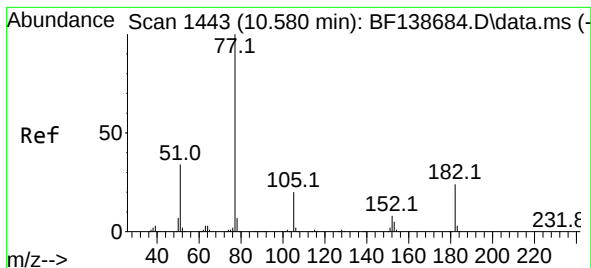
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#62
4-Nitroaniline
Concen: 44.053 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion:138 Resp: 59083
Ion Ratio Lower Upper
138 100
92 56.2 34.2 74.2
108 90.3 56.2 96.2





#63

Azobenzene

Concen: 50.406 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

Tgt Ion: 77 Resp: 32065

Ion Ratio Lower Upper

77 100

182 23.8 3.4 43.4

105 20.2 0.2 40.2

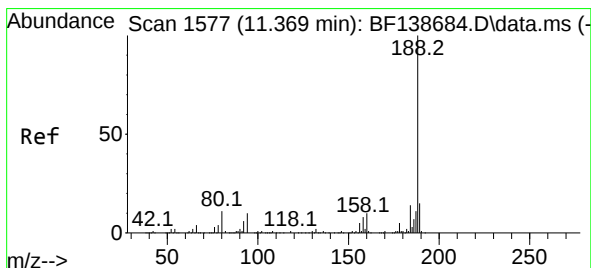
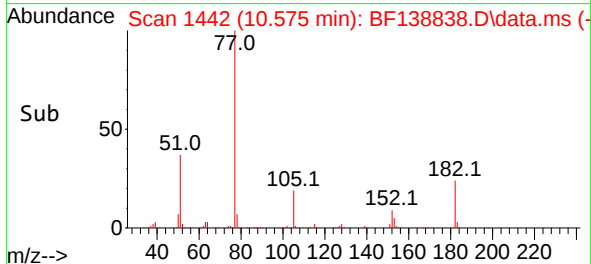
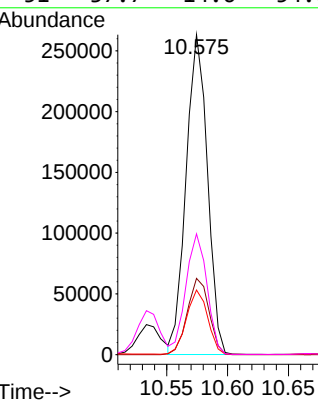
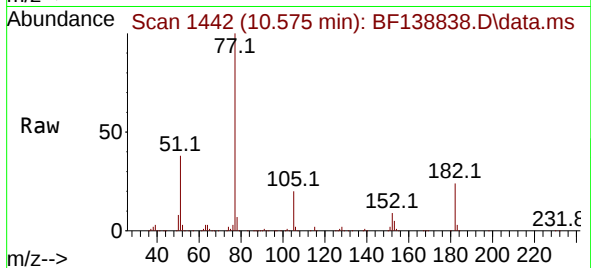
51 37.7 14.6 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

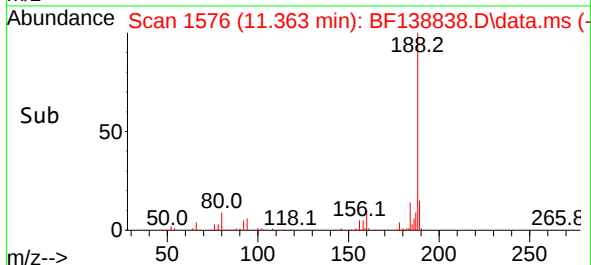
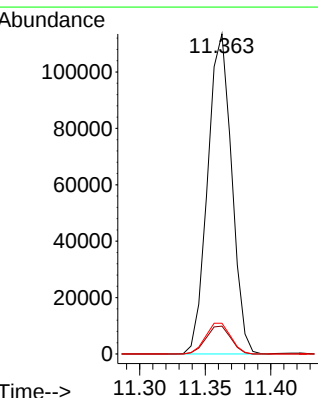
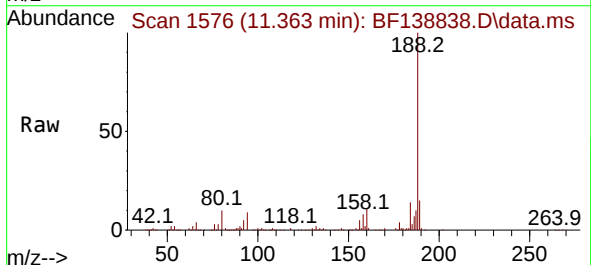
Tgt Ion:188 Resp: 144429

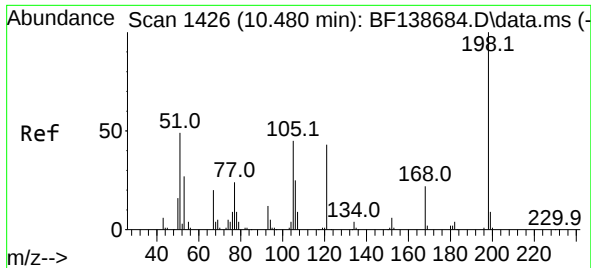
Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

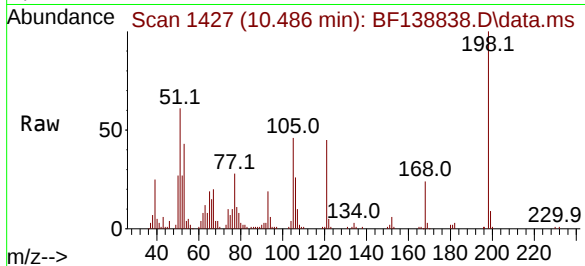
80 9.6 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.966 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

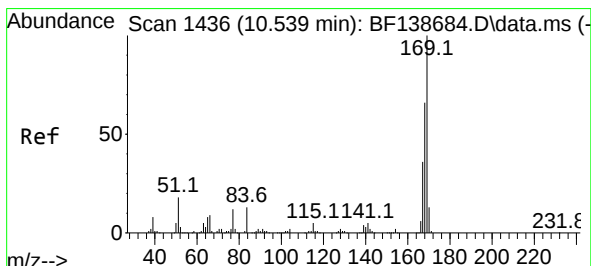
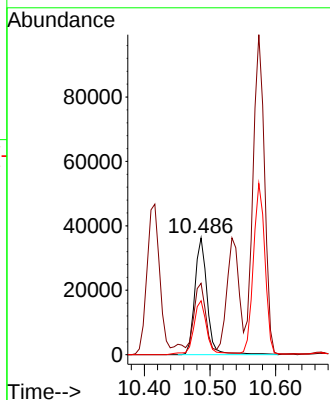
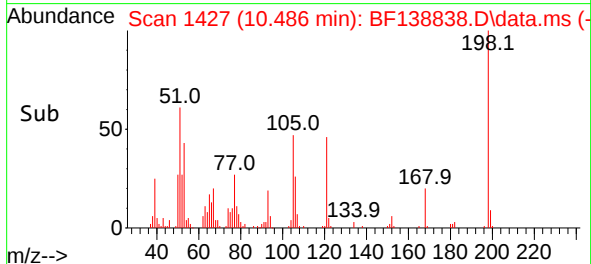
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



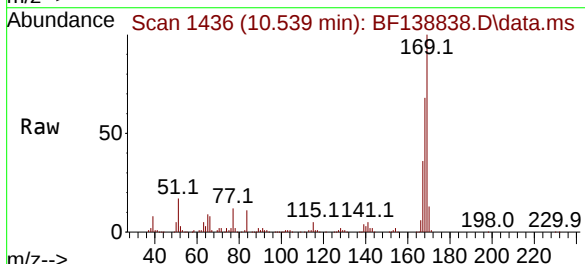
Tgt Ion:198 Resp: 47552
Ion Ratio Lower Upper
198 100
51 61.1 39.9 79.9
105 46.1 26.1 66.1

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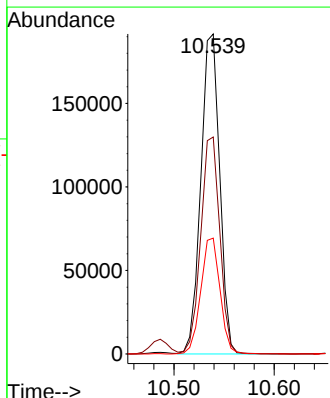
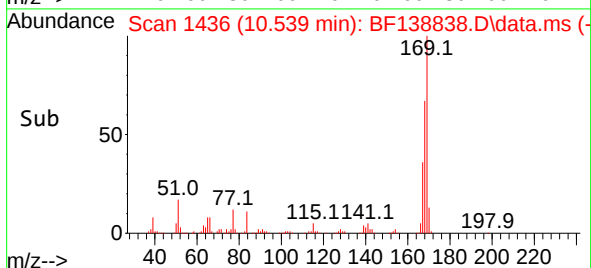
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

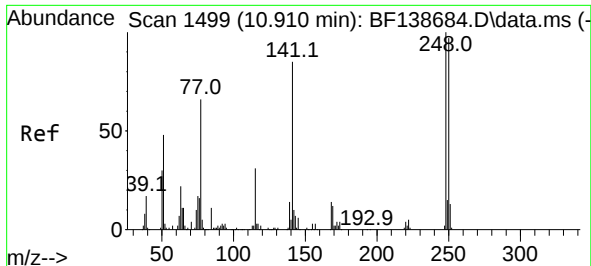


#66
n-Nitrosodiphenylamine
Concen: 55.562 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



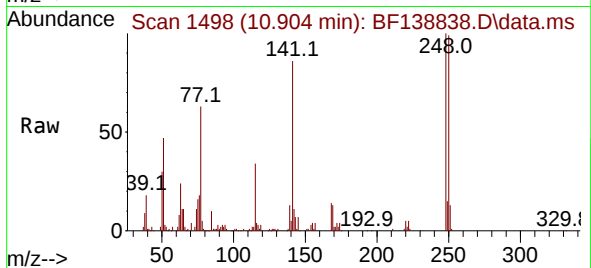
Tgt Ion:169 Resp: 250835
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.6
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.925 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

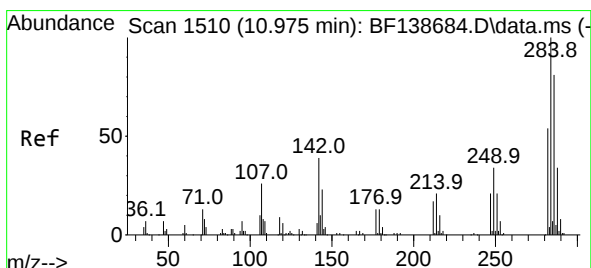
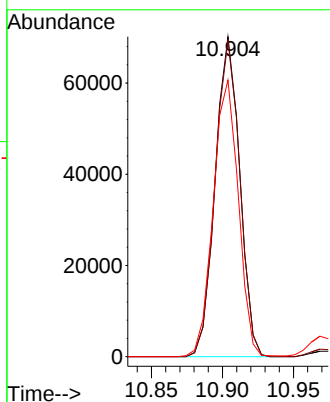
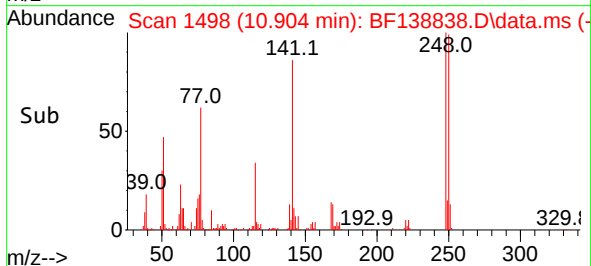
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



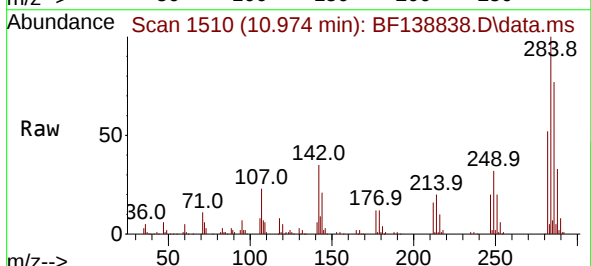
Tgt Ion:248 Resp: 8432
Ion Ratio Lower Upper
248 100
250 98.7 77.7 116.5
141 86.5 68.0 102.0

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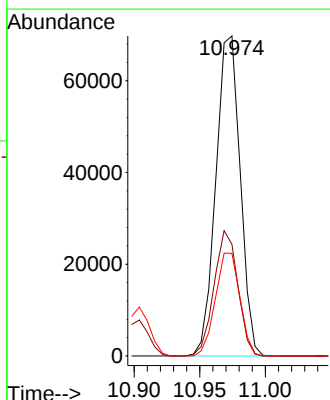
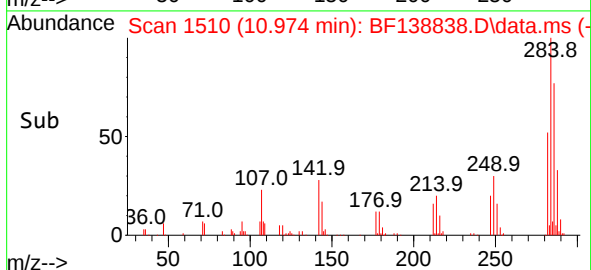
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#68
Hexachlorobenzene
Concen: 55.798 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



Tgt Ion:284 Resp: 90088
Ion Ratio Lower Upper
284 100
142 34.9 31.3 46.9
249 32.1 27.2 40.8





#69

Atrazine

Concen: 58.993 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

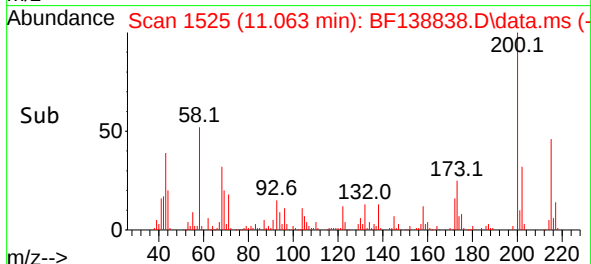
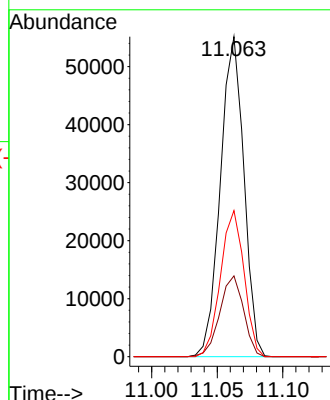
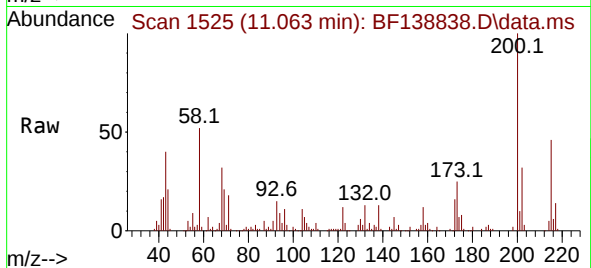
Tgt Ion:200 Resp: 6871
Ion Ratio Lower Upper
200 100
173 25.3 6.0 46.0
215 45.6 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#70

Pentachlorophenol

Concen: 79.742 ng

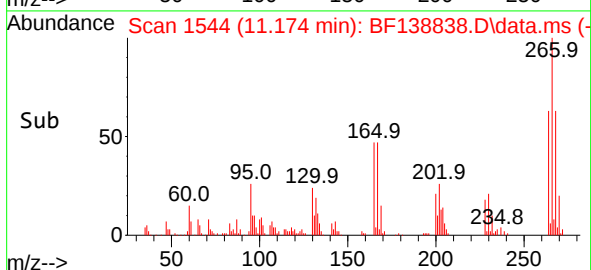
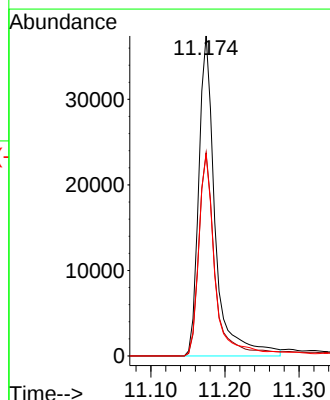
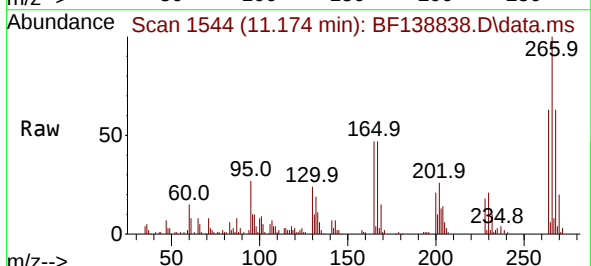
RT: 11.174 min Scan# 1544

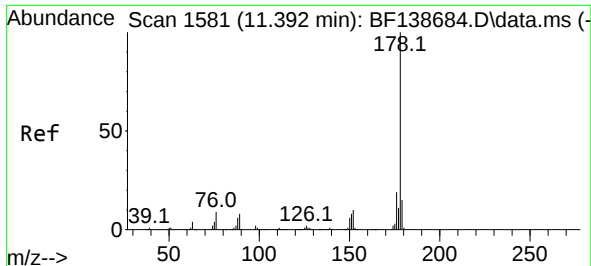
Delta R.T. -0.001 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

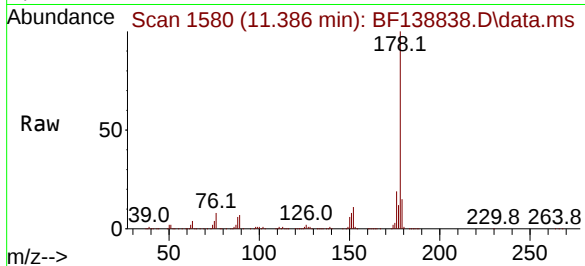
Tgt Ion:266 Resp: 58032
Ion Ratio Lower Upper
266 100
268 63.5 49.2 73.8
264 63.0 49.8 74.6





#71
Phenanthrene
Concen: 54.485 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

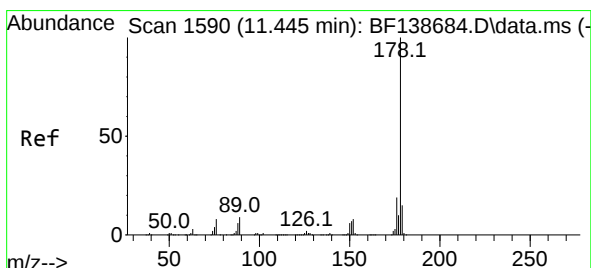
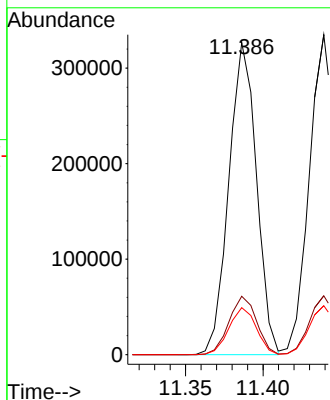
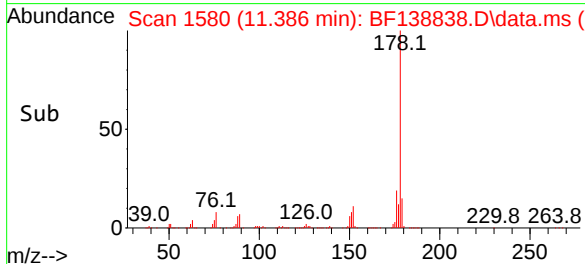
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:178 Resp: 405195
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.1 12.2 18.2

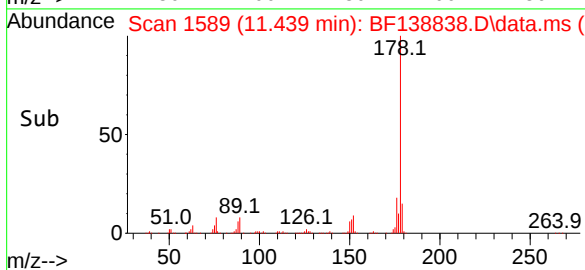
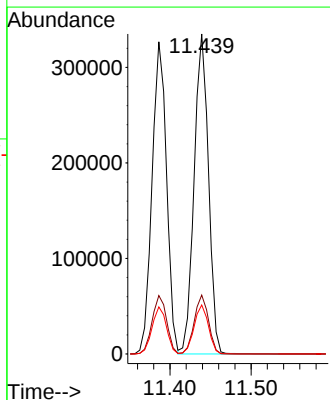
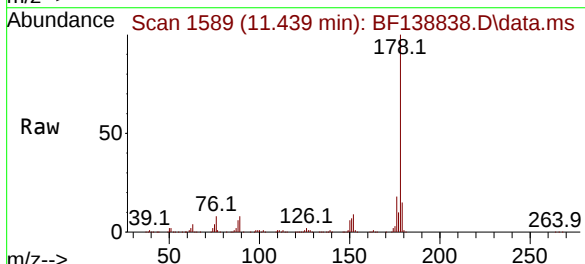
Manual Integrations
APPROVED

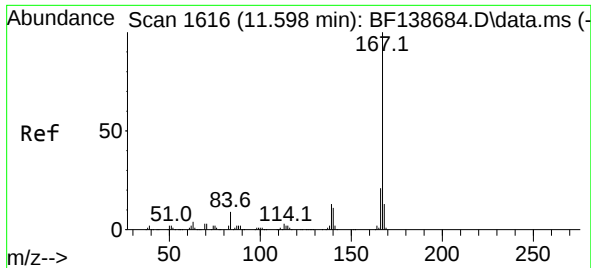
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#72
Anthracene
Concen: 56.316 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

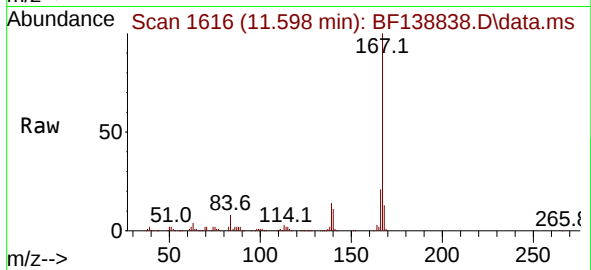
Tgt Ion:178 Resp: 412595
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 50.661 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138838.D
 Acq: 07 Aug 2024 13:04

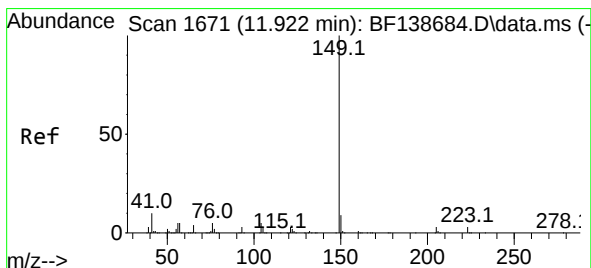
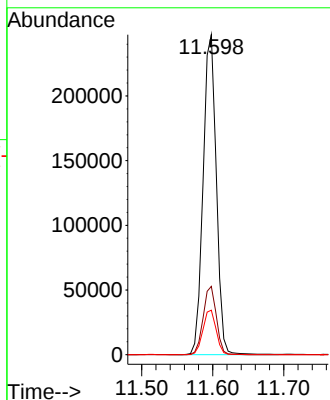
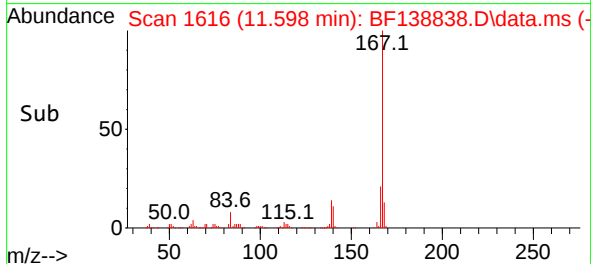
Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MS



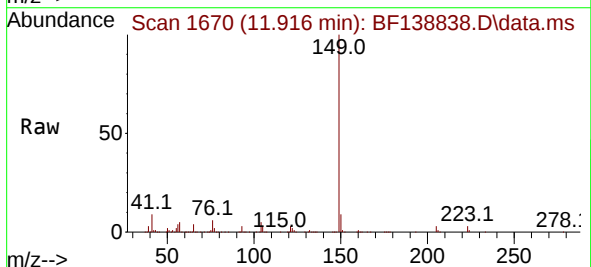
Tgt Ion:167 Resp: 320223
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.9 10.6 16.0

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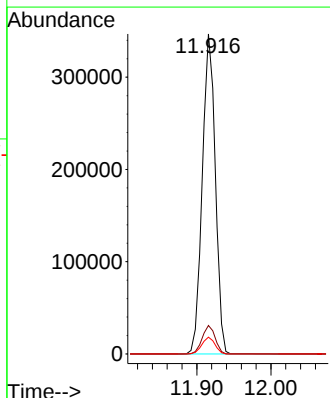
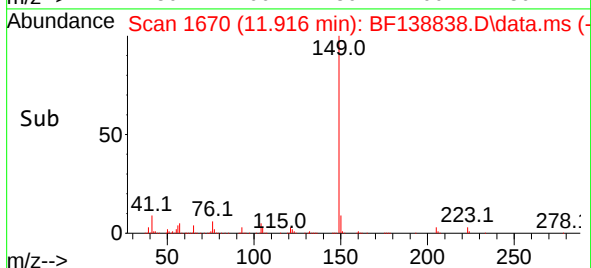
Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024

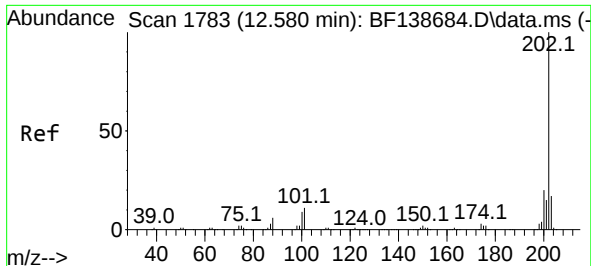


#74
 Di-n-butylphthalate
 Concen: 59.615 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138838.D
 Acq: 07 Aug 2024 13:04



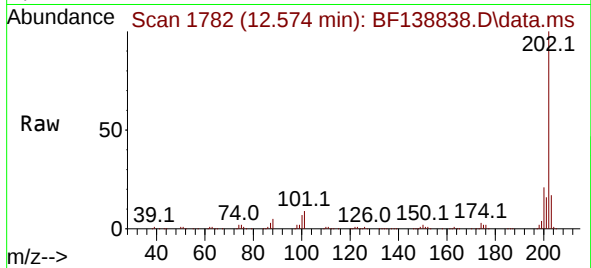
Tgt Ion:149 Resp: 423606
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 50.150 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

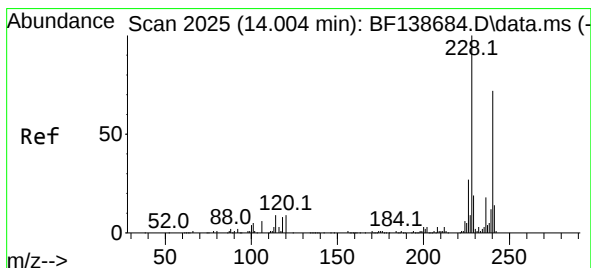
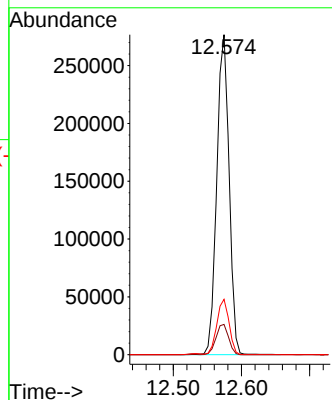
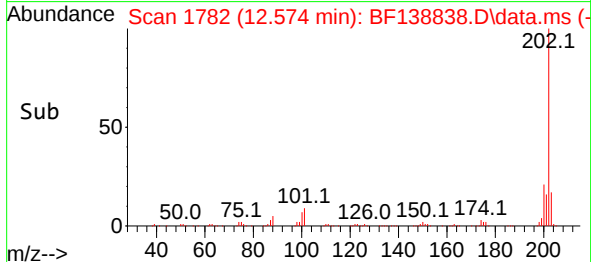
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:202 Resp: 34818
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 17.3 0.0 37.3

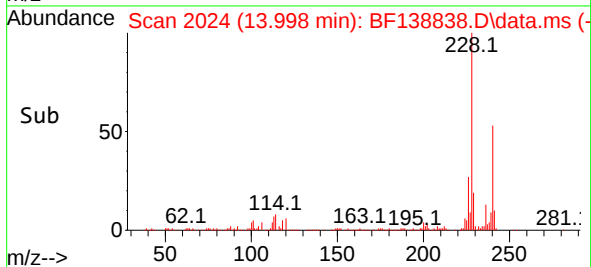
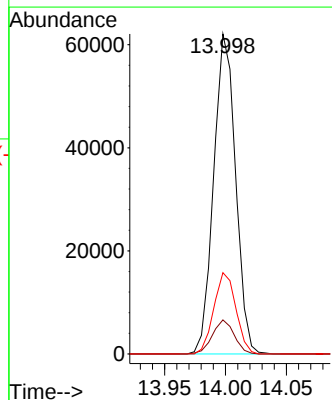
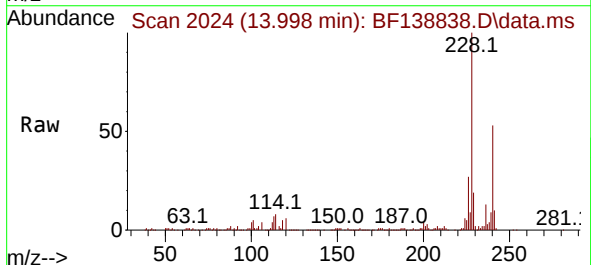
Manual Integrations
APPROVED

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



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

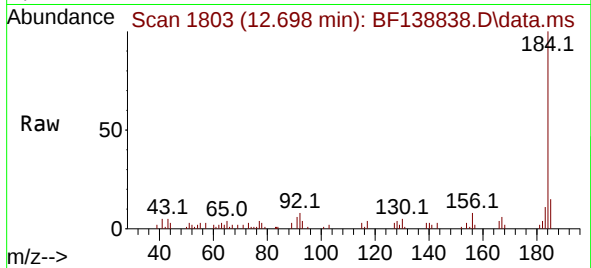
Tgt Ion:240 Resp: 77825
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.4 19.8 29.8





#77
Benzidine
Concen: 10.004 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

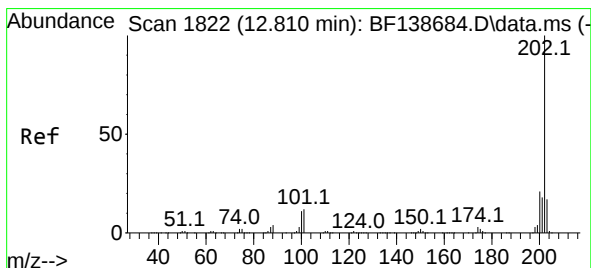
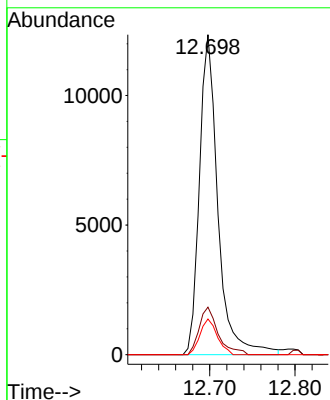
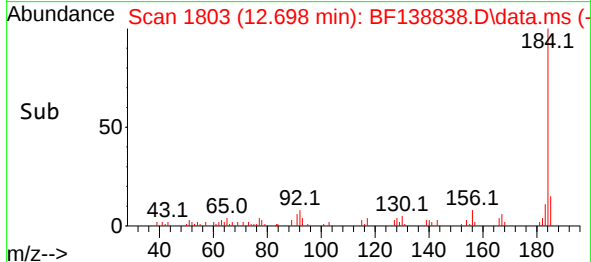
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



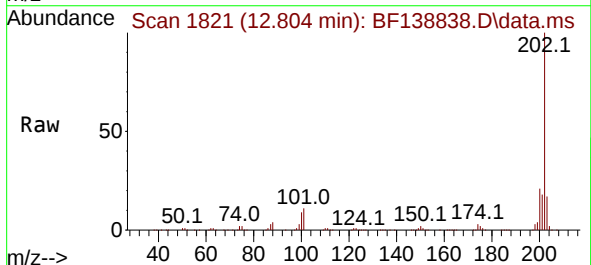
Tgt Ion:184 Resp: 1862
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 11.2 9.6 14.4

Manual Integrations
APPROVED

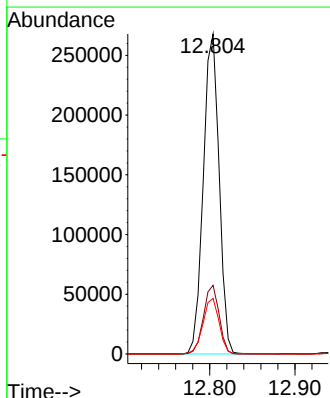
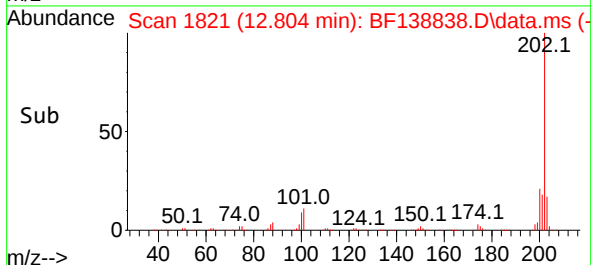
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#78
Pyrene
Concen: 47.141 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04



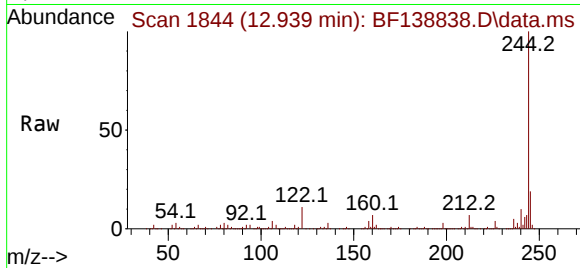
Tgt Ion:202 Resp: 345423
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 106.558 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138838.D
 Acq: 07 Aug 2024 13:04

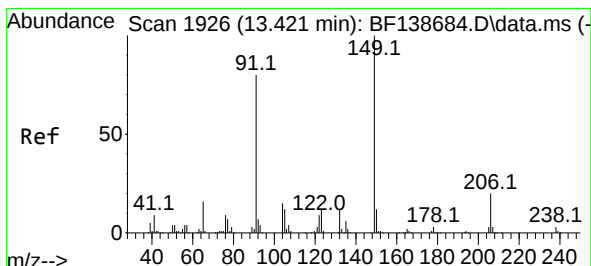
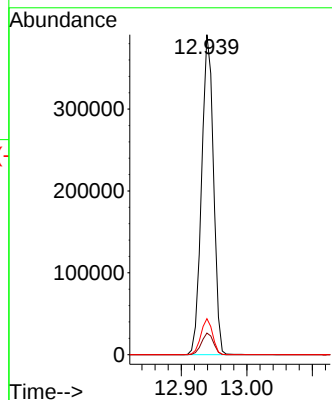
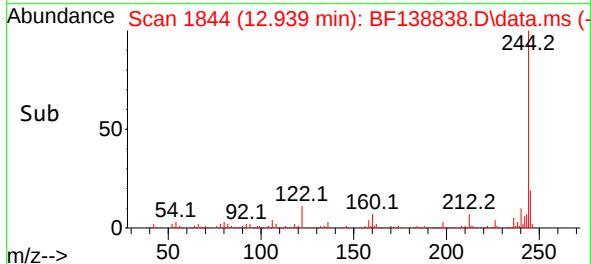
Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MS



Tgt Ion:244 Resp: 495314
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.2 9.6 14.4

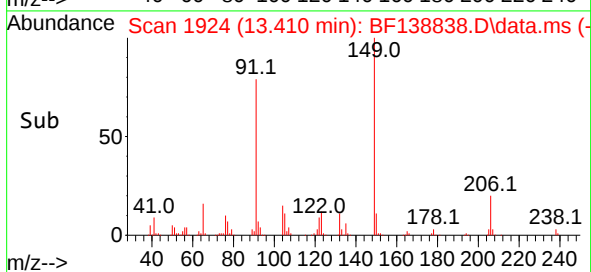
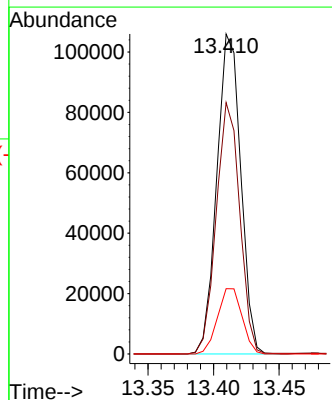
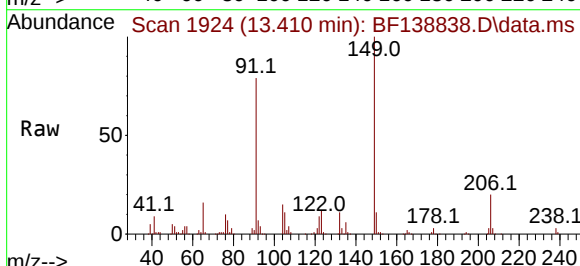
Manual Integrations
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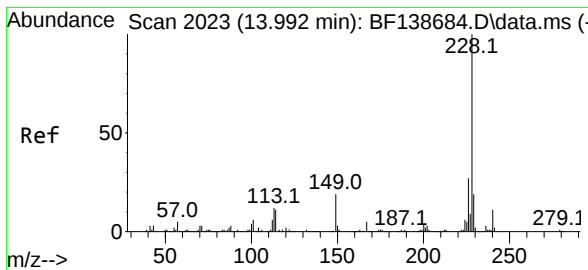
Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024



#80
 Butylbenzylphthalate
 Concen: 57.239 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138838.D
 Acq: 07 Aug 2024 13:04

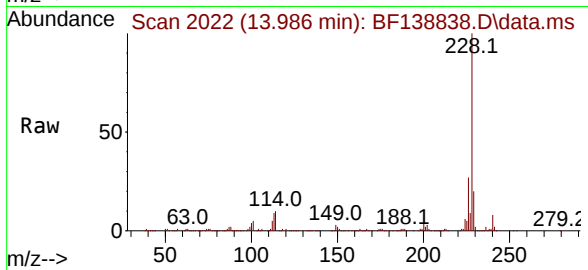
Tgt Ion:149 Resp: 134308
 Ion Ratio Lower Upper
 149 100
 91 78.5 63.7 95.5
 206 20.4 16.2 24.2





#81
Benzo(a)anthracene
Concen: 54.382 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

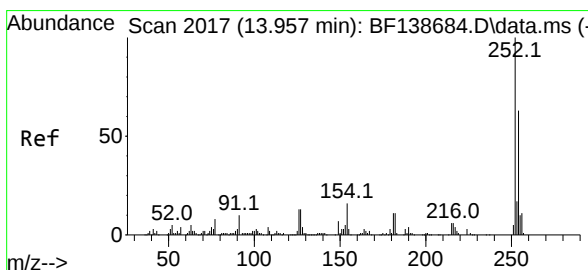
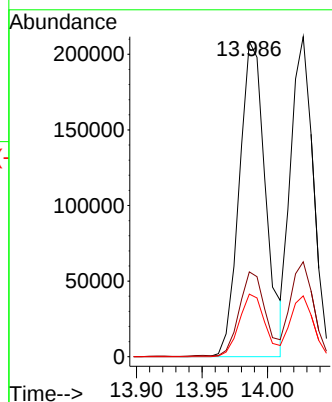
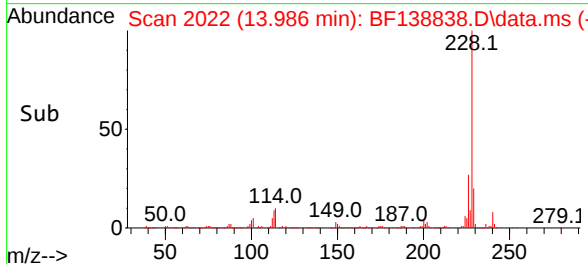
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:228 Resp: 29144
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.9 15.4 23.0

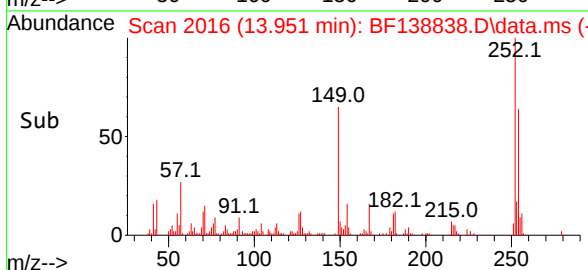
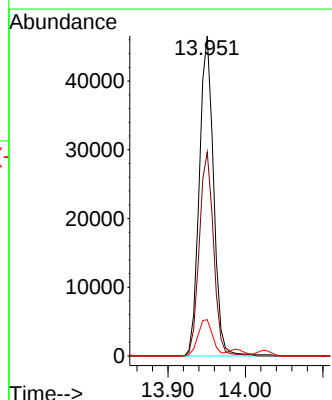
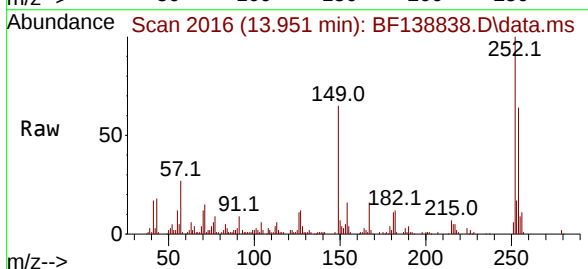
Manual Integrations
APPROVED

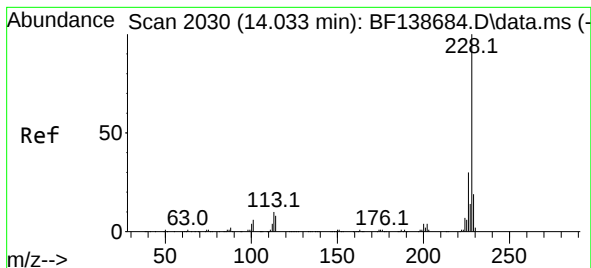
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.408 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion:252 Resp: 59532
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 11.3 10.2 15.2





#83

Chrysene

Concen: 52.303 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138838.D

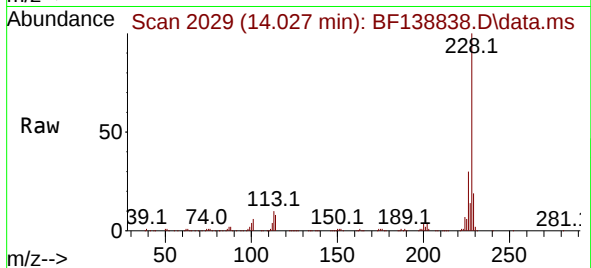
Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS



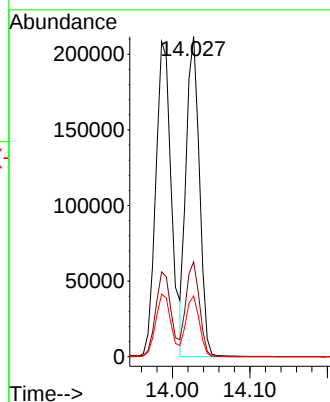
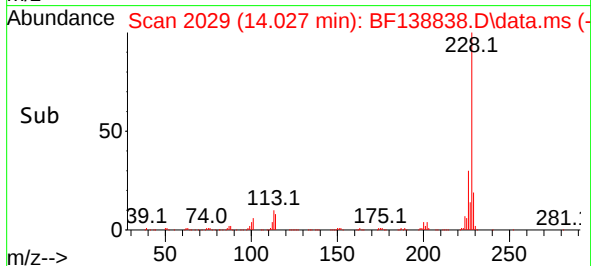
Tgt Ion:	228	Resp:	25288
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.7	35.5
229	19.0	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.075 ng

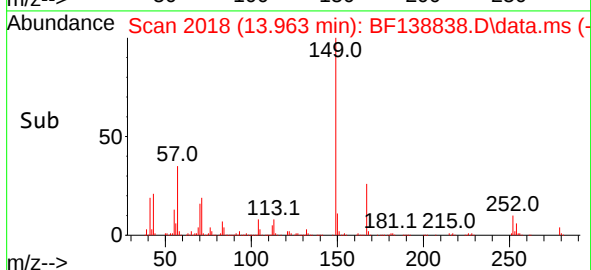
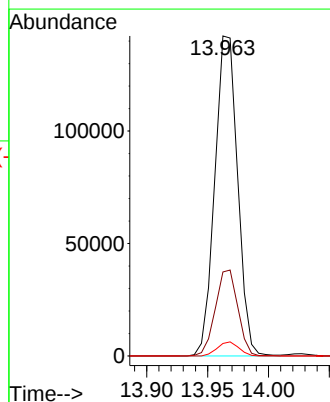
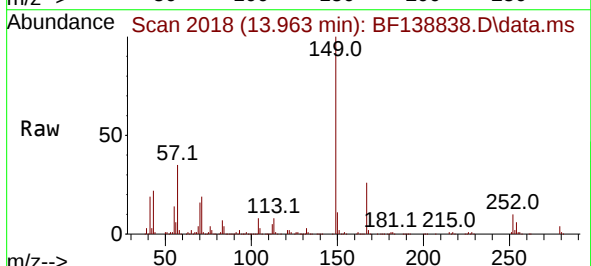
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Tgt Ion:	149	Resp:	185800
Ion Ratio	Lower	Upper	
149	100		
167	26.3	22.2	33.4
279	3.9	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 50.068 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

Tgt Ion:149 Resp: 318290

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

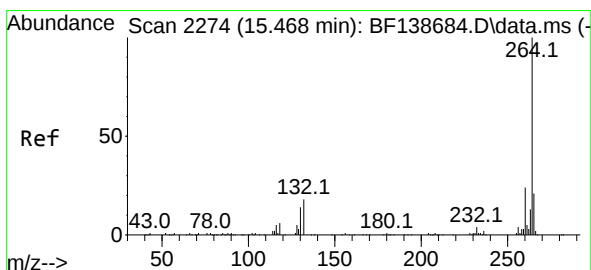
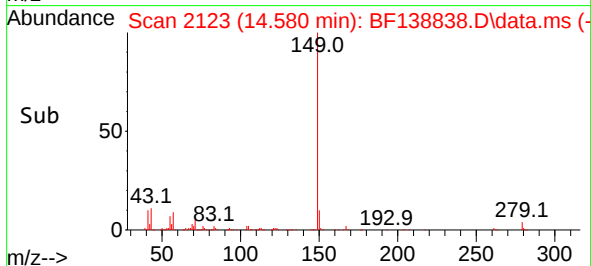
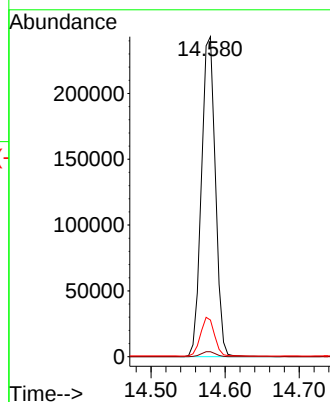
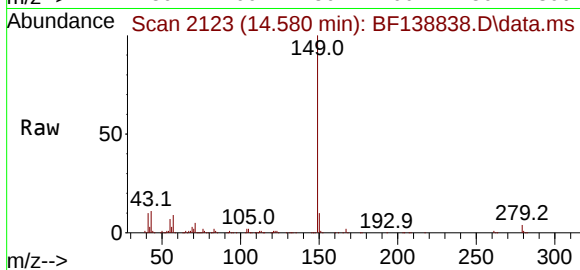
43 12.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

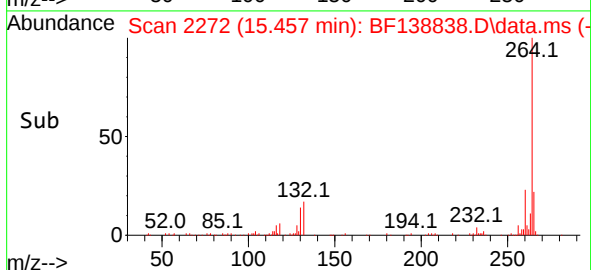
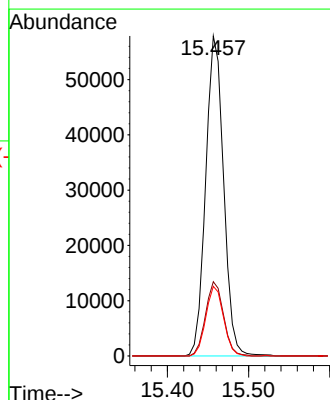
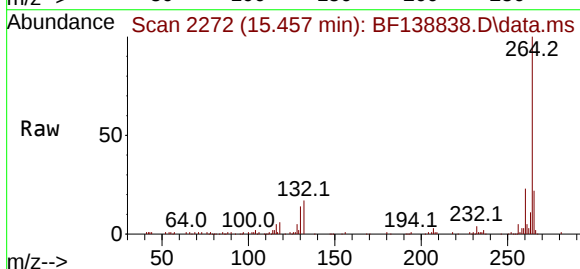
Tgt Ion:264 Resp: 88601

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.401 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MS

Tgt Ion:276 Resp: 30096

Ion Ratio Lower Upper

276 100

138 23.7 21.8 32.8

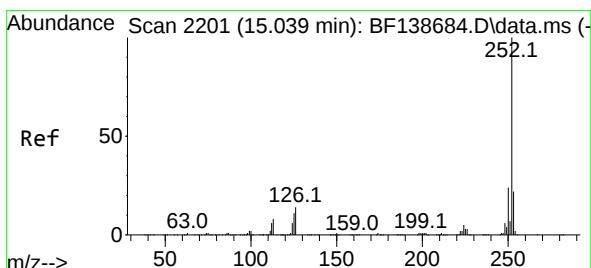
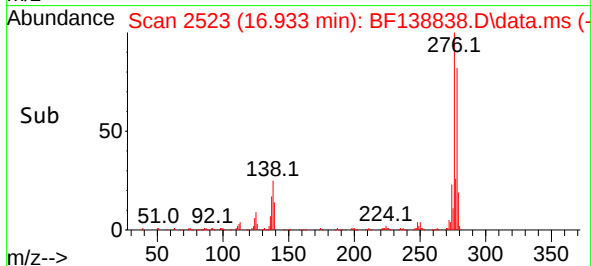
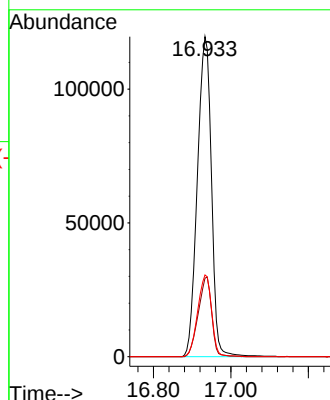
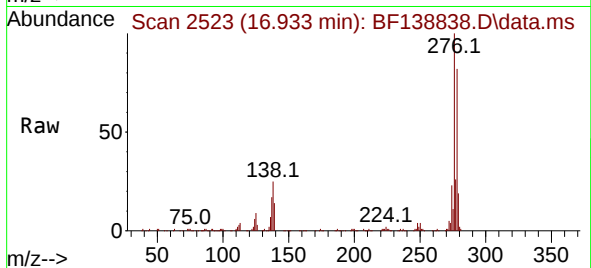
277 25.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#88

Benzo(b)fluoranthene

Concen: 54.536 ng

RT: 15.033 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF138838.D

Acq: 07 Aug 2024 13:04

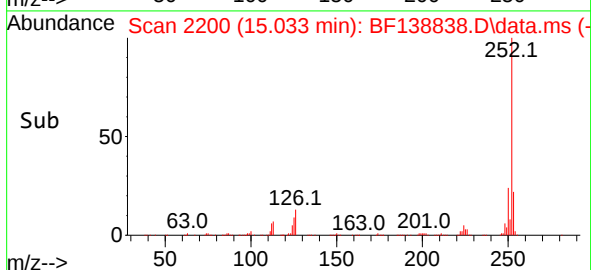
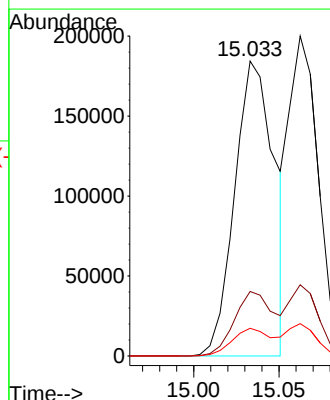
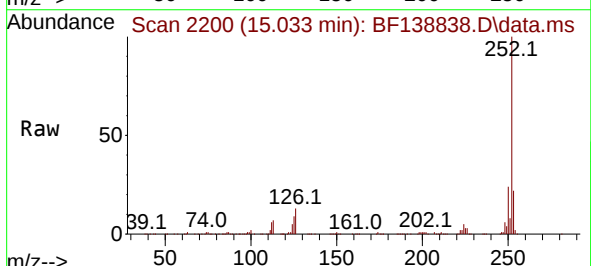
Tgt Ion:252 Resp: 299532

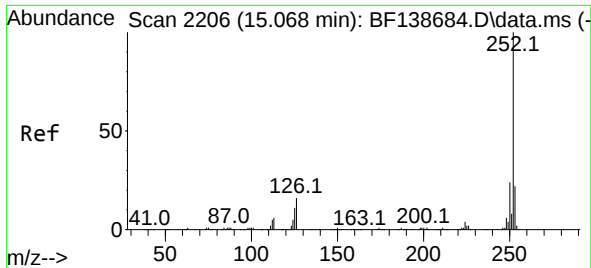
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

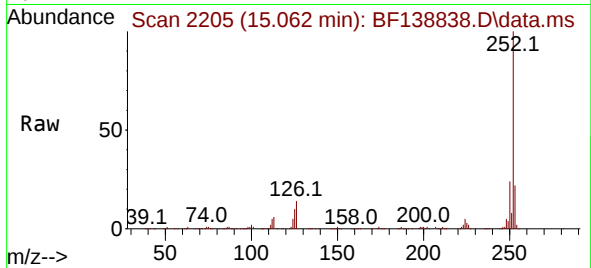
125 9.4 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 50.971 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

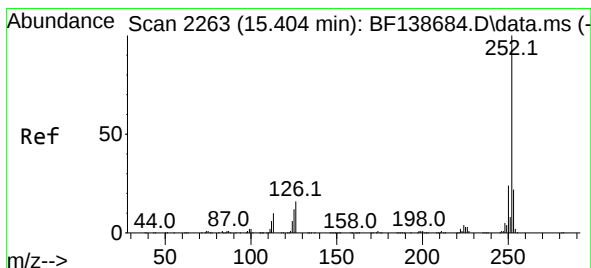
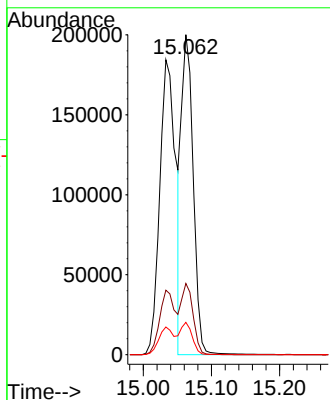
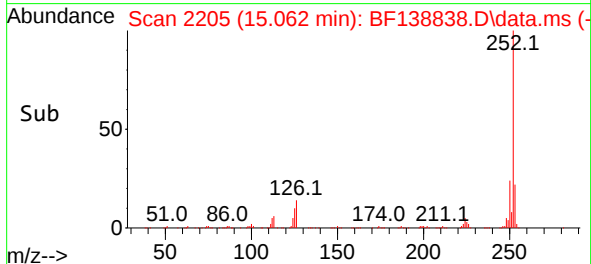
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:252 Resp: 242390
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.1 8.6 13.0

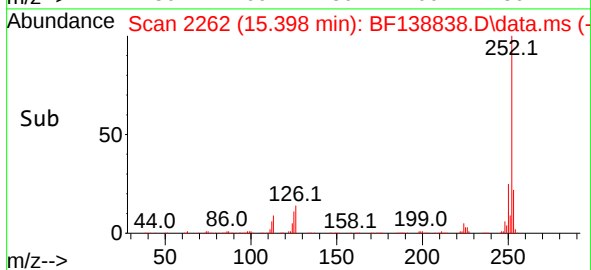
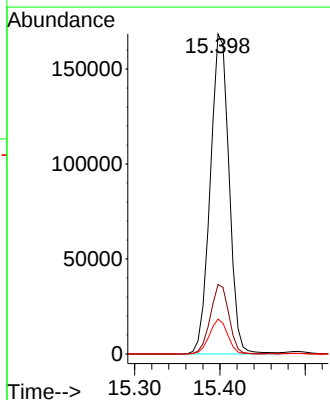
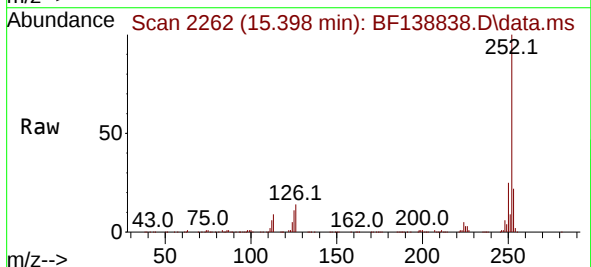
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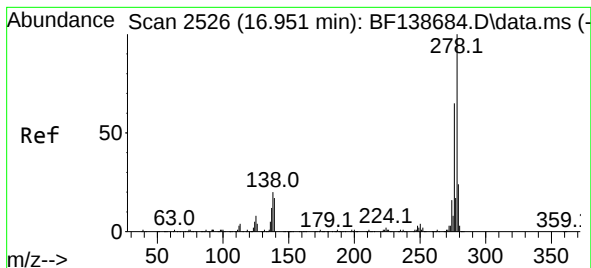
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#90
Benzo(a)pyrene
Concen: 55.844 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

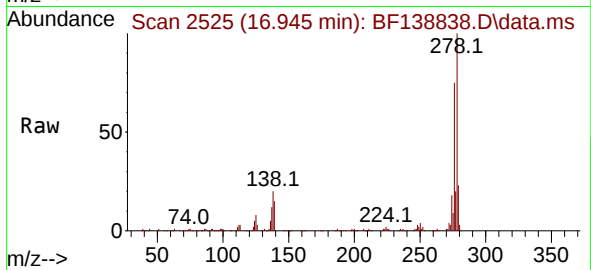
Tgt Ion:252 Resp: 257995
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.9 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.283 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

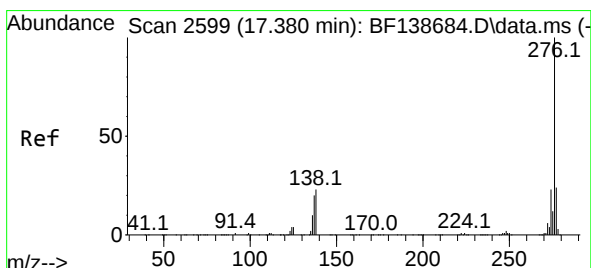
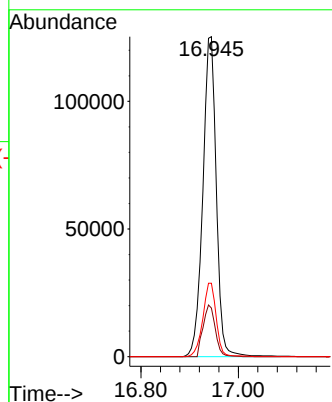
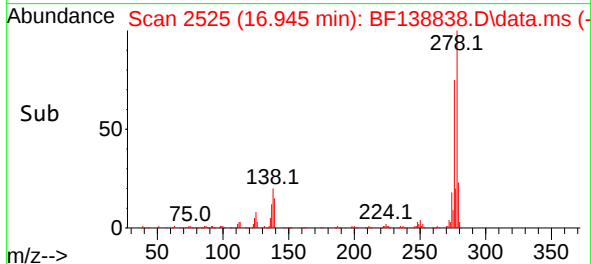
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MS



Tgt Ion:278 Resp: 241234
Ion Ratio Lower Upper
278 100
139 15.2 14.0 21.0
279 23.0 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.698 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138838.D
Acq: 07 Aug 2024 13:04

Tgt Ion:276 Resp: 220118
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.8 18.5 27.7

