

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138898.D
 Acq On : 09 Aug 2024 20:06
 Operator : RC/JU
 Sample : P3509-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080724MSD

Quant Time: Aug 09 23:31:22 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41882	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	167151	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	76034	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	104468	20.000	ng	0.00
76) Chrysene-d12	14.004	240	71094	20.000	ng	0.00
86) Perylene-d12	15.463	264	55254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	311921	114.965	ng	0.01
7) Phenol-d6	6.492	99	409263	112.351	ng	0.00
23) Nitrobenzene-d5	7.410	82	257626	75.355	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	59843	96.084	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	408983	80.819	ng	0.00
79) Terphenyl-d14	12.939	244	300520	70.773	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	46499	39.146	ng	97
3) Pyridine	3.440	79	122600	42.607	ng	97
4) n-Nitrosodimethylamine	3.410	42	98989	57.761	ng	85
6) Aniline	6.504	93	68335	21.035	ng	# 1
8) 2-Chlorophenol	6.634	128	152383	53.382	ng	96
9) Benzaldehyde	6.398	77	5991	2.744	ng	96
10) Phenol	6.504	94	186980	48.752	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	143356	48.572	ng	99
12) 1,3-Dichlorobenzene	6.781	146	160401	50.198	ng	98
13) 1,4-Dichlorobenzene	6.857	146	164399	50.981	ng	99
14) 1,2-Dichlorobenzene	7.010	146	153388	50.897	ng	99
15) Benzyl Alcohol	6.992	79	140859	53.651	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	245451	48.324	ng	51
17) 2-Methylphenol	7.110	107	117178	49.712	ng	# 84
18) Hexachloroethane	7.345	117	60329	49.701	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	118514	53.867	ng	96
20) 3+4-Methylphenols	7.263	107	157435	52.056	ng	# 77
22) Acetophenone	7.251	105	206402	50.432	ng	# 97
24) Nitrobenzene	7.428	77	167174	48.054	ng	99
25) Isophorone	7.669	82	297415	50.946	ng	99
26) 2-Nitrophenol	7.745	139	74741	49.936	ng	95
27) 2,4-Dimethylphenol	7.781	122	99531	55.579	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	179299	50.435	ng	99
29) 2,4-Dichlorophenol	7.992	162	118209	51.369	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	130969	49.318	ng	99
31) Naphthalene	8.145	128	427386	48.576	ng	100
32) Benzoic acid	7.904	122	15670m	11.132	ng	
33) 4-Chloroaniline	8.198	127	39725	13.451	ng	96
34) Hexachlorobutadiene	8.257	225	81661	50.769	ng	99
35) Caprolactam	8.575	113	28659m	41.739	ng	
36) 4-Chloro-3-methylphenol	8.692	107	127070	48.318	ng	99
37) 2-Methylnaphthalene	8.834	142	269231	48.453	ng	99
38) 1-Methylnaphthalene	8.934	142	245392	45.068	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	112112	53.080	ng	99
41) Hexachlorocyclopentadiene	8.981	237	23430	45.227	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	70657	54.867	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	72214	51.295	ng	98
46) 1,1'-Biphenyl	9.298	154	315162	52.925	ng	98
47) 2-Chloronaphthalene	9.328	162	236859	53.481	ng	98
48) 2-Nitroaniline	9.428	65	85640	57.039	ng	97
49) Acenaphthylene	9.739	152	353188	56.228	ng	100
50) Dimethylphthalate	9.598	163	288597	59.361	ng	99
51) 2,6-Dinitrotoluene	9.669	165	56713	51.689	ng	89
52) Acenaphthene	9.910	154	216255	51.215	ng	100
53) 3-Nitroaniline	9.839	138	34062	30.030	ng	97
54) 2,4-Dinitrophenol	9.957	184	7053	13.964	ng	# 71
55) Dibenzofuran	10.081	168	312316	52.398	ng	98
56) 4-Nitrophenol	10.022	139	53345	78.209	ng	90
57) 2,4-Dinitrotoluene	10.075	165	71554	51.116	ng	# 85
58) Fluorene	10.428	166	239492	50.456	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	43654	40.559	ng	93
60) Diethylphthalate	10.298	149	270945	58.777	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	119609	51.237	ng	96
62) 4-Nitroaniline	10.451	138	45733	42.428	ng	89
63) Azobenzene	10.575	77	249518	48.804	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	11756	18.445	ng	95
66) n-Nitrosodiphenylamine	10.533	169	198438	60.769	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	63759	56.371	ng	98
68) Hexachlorobenzene	10.975	284	61195	52.401	ng	97
69) Atrazine	11.063	200	57708	68.497	ng	99
70) Pentachlorophenol	11.175	266	34927	66.352	ng	97
71) Phenanthrene	11.386	178	316338	58.807	ng	99
72) Anthracene	11.439	178	302491	57.081	ng	99
73) Carbazole	11.598	167	244206	53.414	ng	98
74) Di-n-butylphthalate	11.916	149	346054	67.330	ng	99
75) Fluoranthene	12.574	202	311012	61.931	ng	99
77) Benzidine	12.698	184	104334	61.357	ng	98
78) Pyrene	12.804	202	320639	47.901	ng	99
80) Butylbenzylphthalate	13.416	149	130936	61.085	ng	96
81) Benzo(a)anthracene	13.992	228	270798	55.314	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	62282	49.713	ng	98
83) Chrysene	14.027	228	245309	55.539	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	193897	61.774	ng	99
85) Di-n-octyl phthalate	14.580	149	304083	52.362	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	163995	41.416	ng	96
88) Benzo(b)fluoranthene	15.039	252	188396	55.003	ng	98
89) Benzo(k)fluoranthene	15.068	252	188241	63.475	ng	98
90) Benzo(a)pyrene	15.404	252	164076	56.949	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	128767	39.616	ng	98
92) Benzo(g,h,i)perylene	17.380	276	124605	36.942	ng	96

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

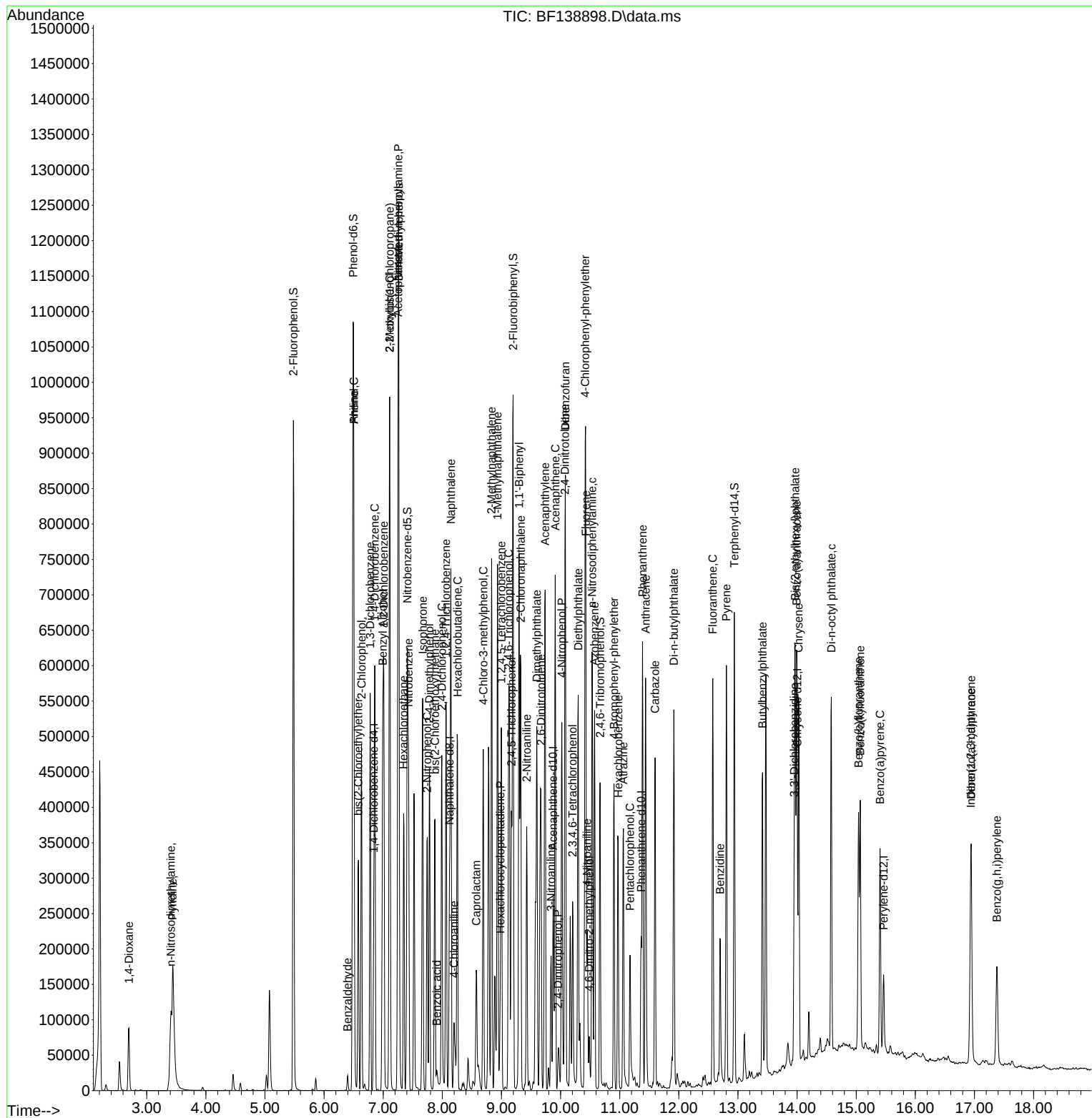
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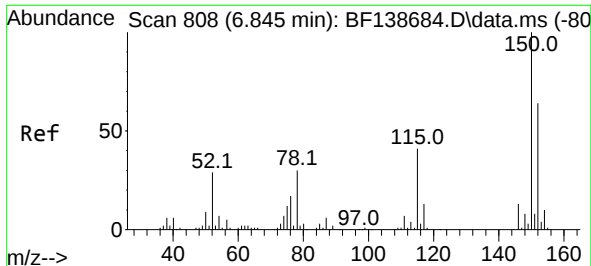
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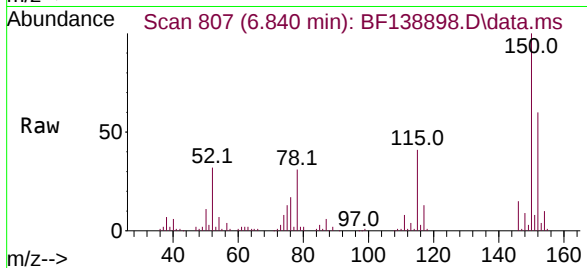
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

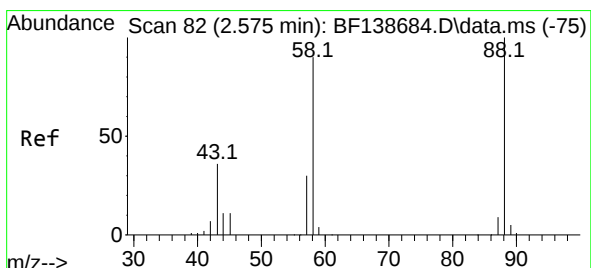
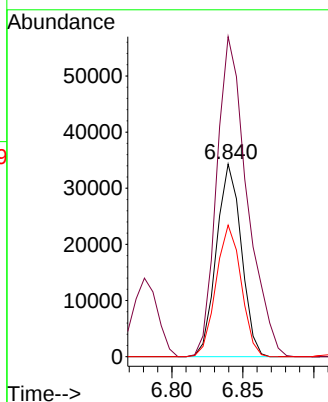
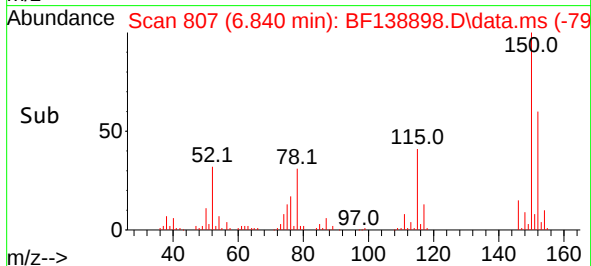
OR-02-080724MSD



Tgt Ion:152 Resp: 4188
Ion Ratio Lower Upper
152 100
150 166.0 126.0 189.0
115 68.3 51.7 77.5

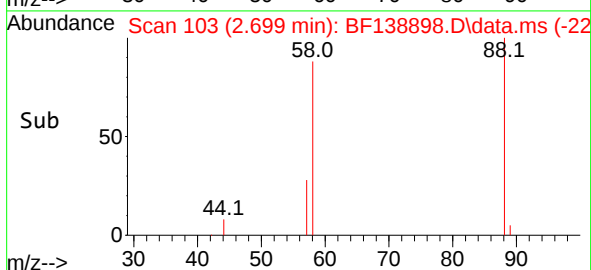
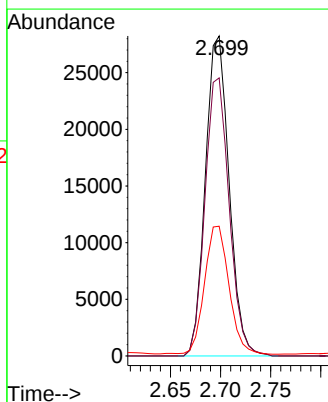
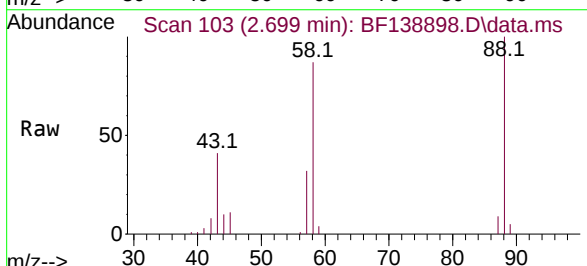
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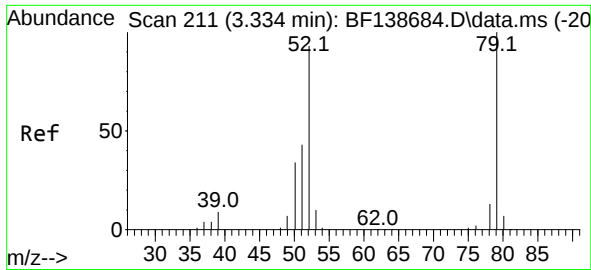
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#2
1,4-Dioxane
Concen: 39.146 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.124 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

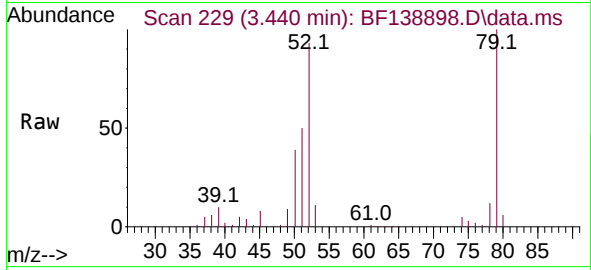
Tgt Ion: 88 Resp: 46499
Ion Ratio Lower Upper
88 100
58 88.9 71.6 107.4
43 41.1 28.7 43.1





#3
Pyridine
Concen: 42.607 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

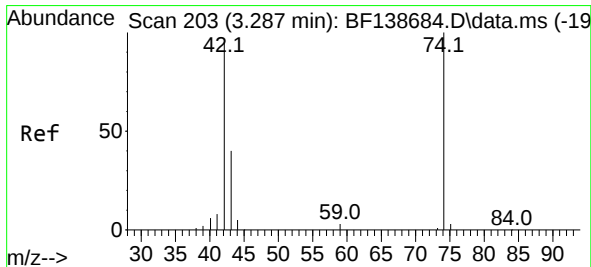
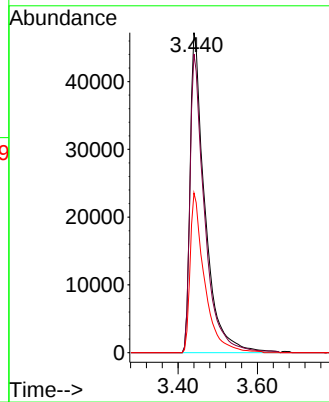
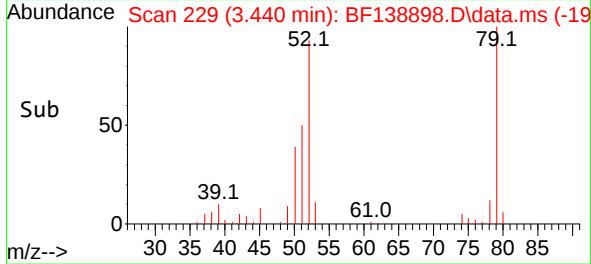
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



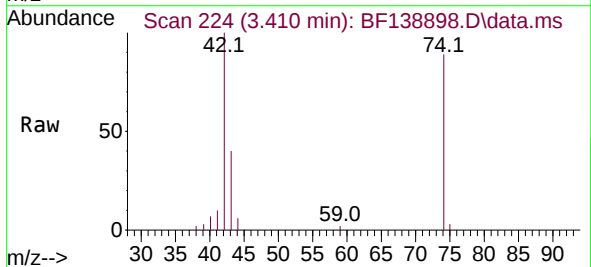
Tgt Ion: 79 Resp: 122600
Ion Ratio Lower Upper
79 100
52 93.3 74.7 112.1
51 49.9 34.6 51.8

Manual Integrations
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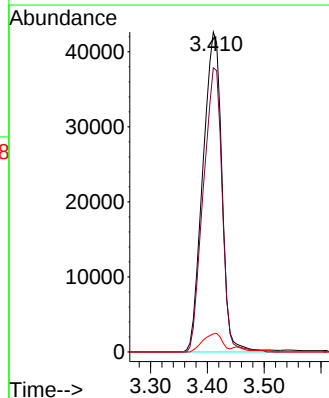
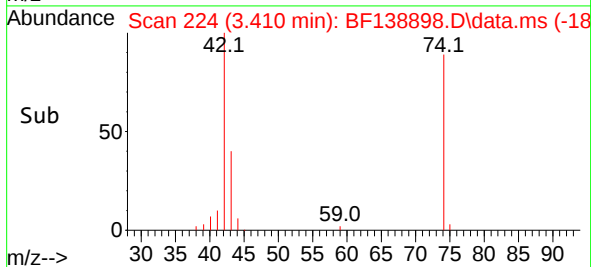
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

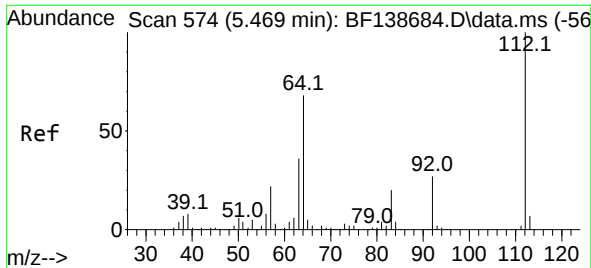


#4
n-Nitrosodimethylamine
Concen: 57.761 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.124 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



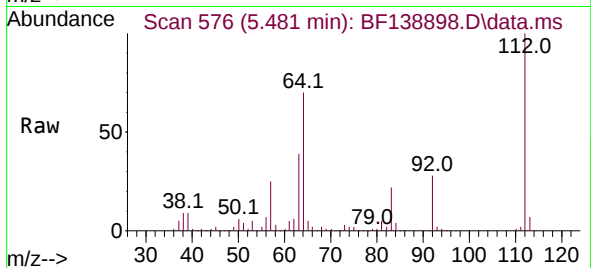
Tgt Ion: 42 Resp: 98989
Ion Ratio Lower Upper
42 100
74 88.8 84.2 126.4
44 5.7 4.9 7.3





#5
2-Fluorophenol
Concen: 114.965 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

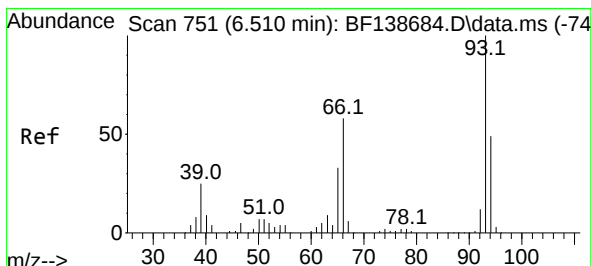
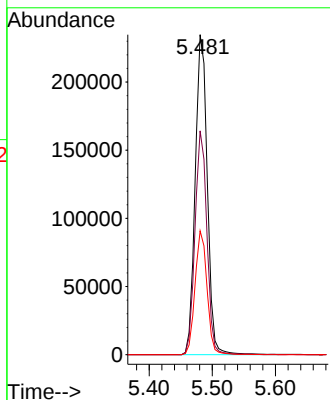
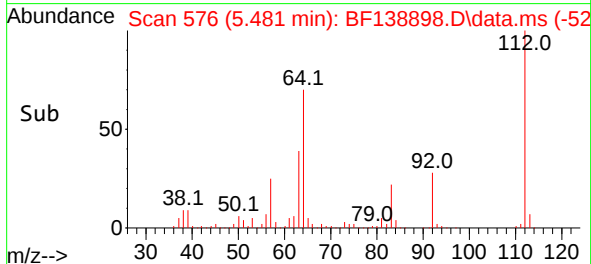
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:112 Resp: 31192
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 38.7 28.7 43.1

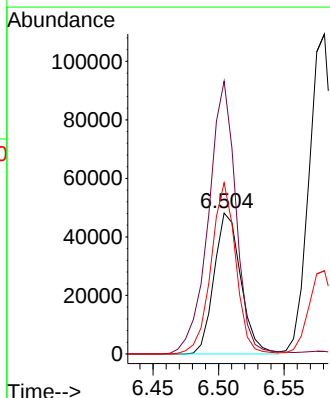
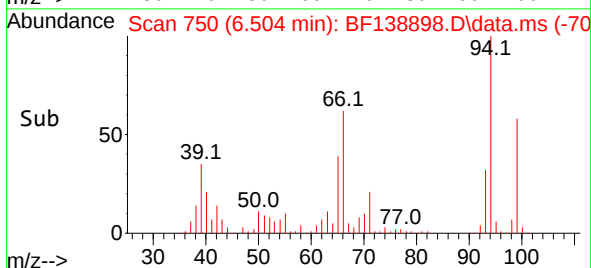
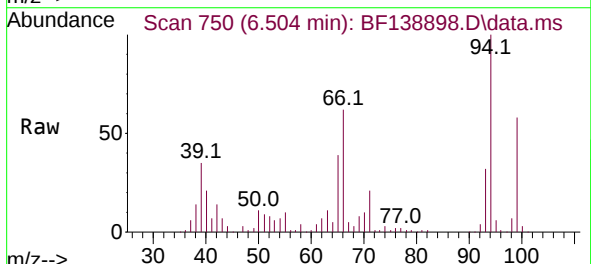
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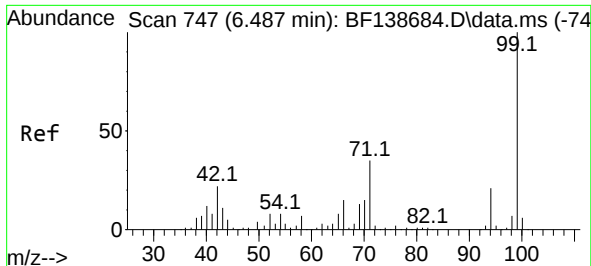
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#6
Aniline
Concen: 21.035 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

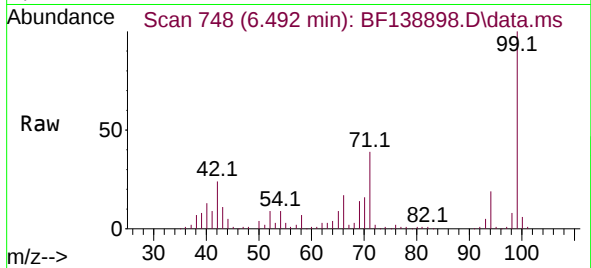
Tgt Ion: 93 Resp: 68335
Ion Ratio Lower Upper
93 100
66 193.5 46.9 70.3#
65 121.4 26.5 39.7#





#7
Phenol-d6
Concen: 112.351 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

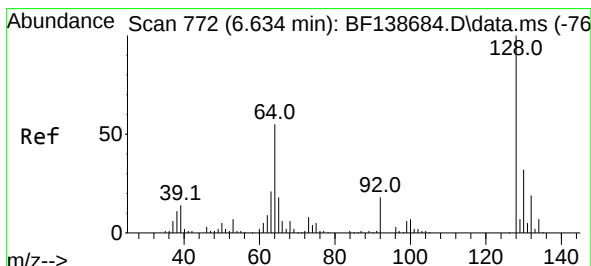
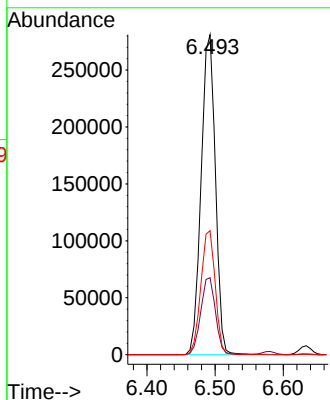
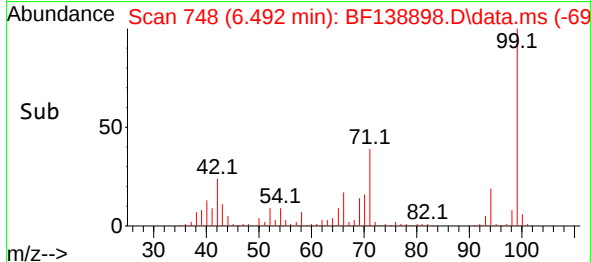
Instrument :
BNA_F
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OR-02-080724MSD



Tgt Ion: 99 Resp: 40926
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 38.8 28.1 42.1

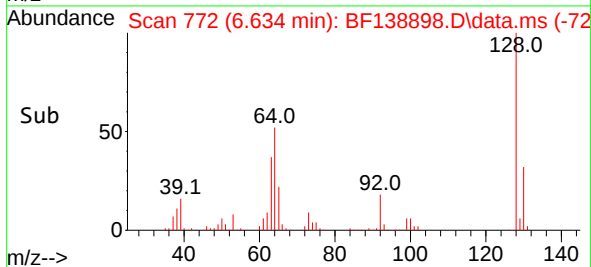
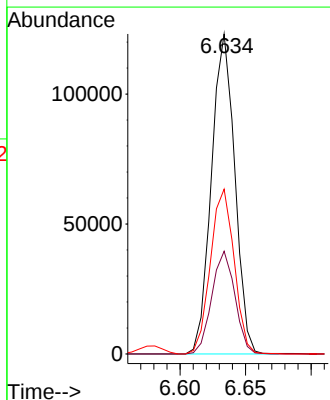
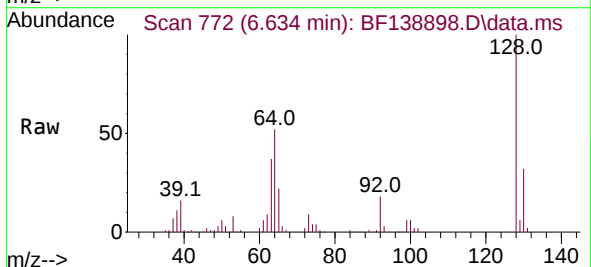
Manual Integrations
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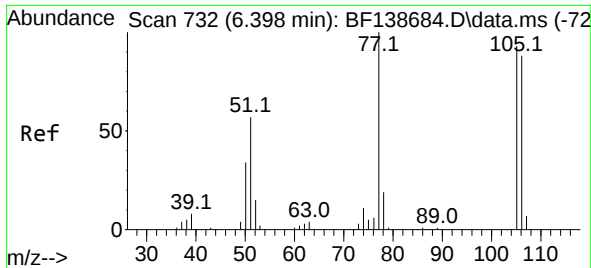
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#8
2-Chlorophenol
Concen: 53.382 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138898.D
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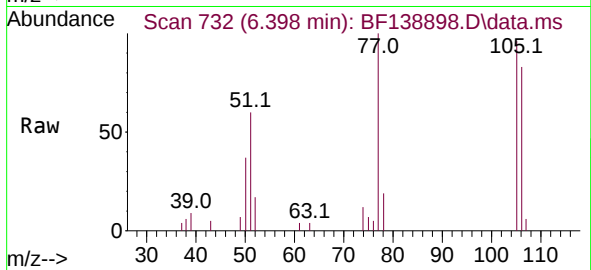
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Ion Ratio Lower Upper
128 100
130 32.1 12.0 52.0
64 51.5 36.3 76.3





#9
Benzaldehyde
Concen: 2.744 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138898.D
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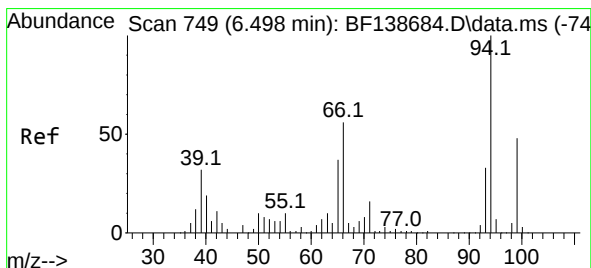
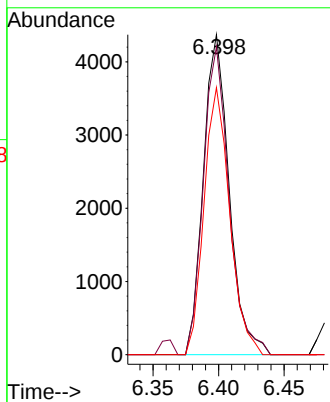
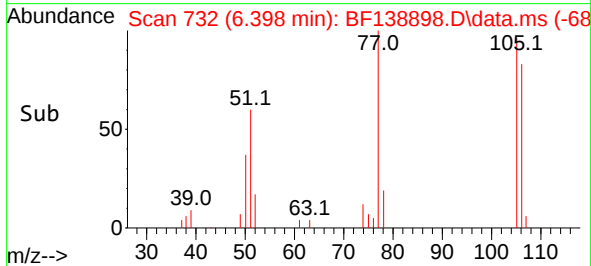
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ClientSampleId :
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Tgt Ion: 77 Resp: 599
Ion Ratio Lower Upper
77 100
105 96.3 72.9 112.9
106 83.5 68.4 108.4

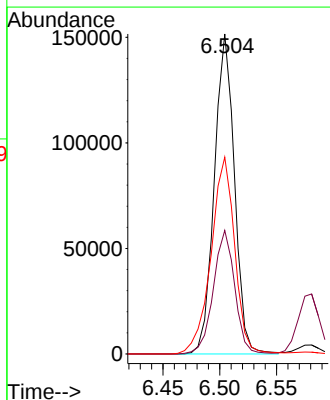
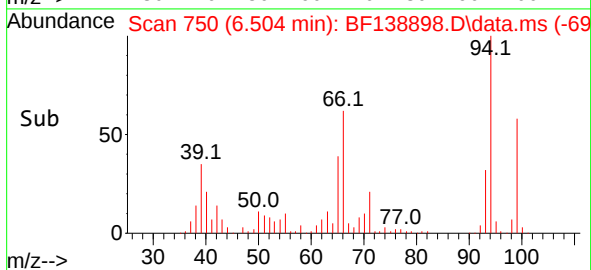
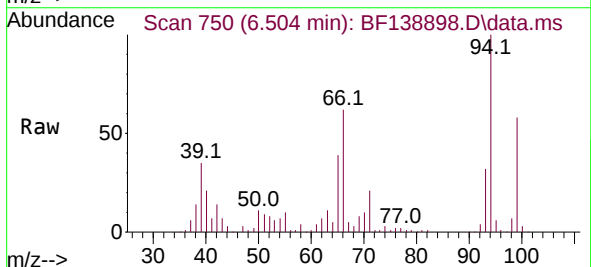
Manual Integrations
APPROVED

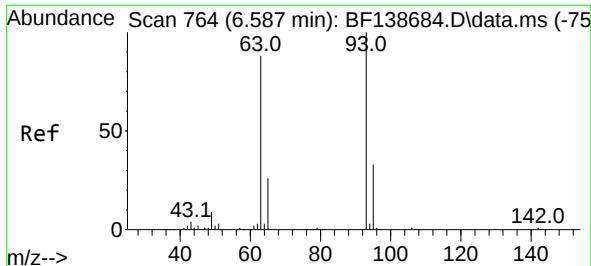
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#10
Phenol
Concen: 48.752 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

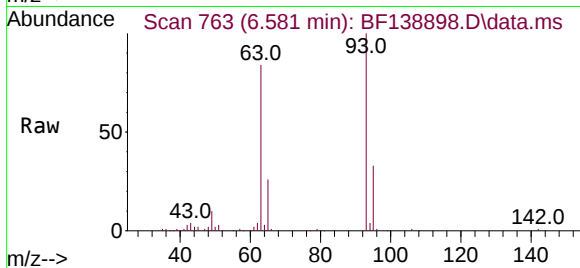
Tgt Ion: 94 Resp: 186980
Ion Ratio Lower Upper
94 100
65 38.6 16.9 56.9
66 61.5 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 48.572 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

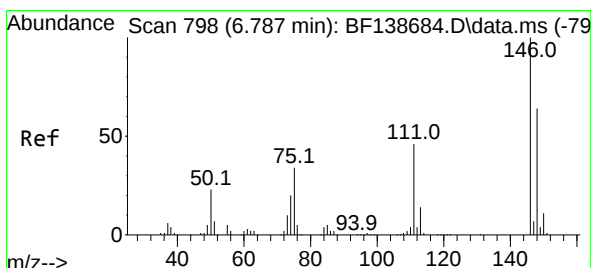
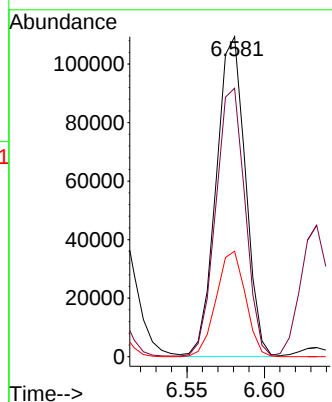
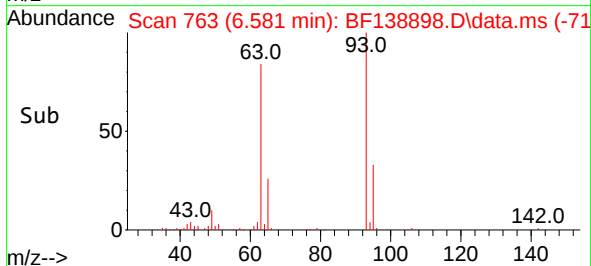
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion: 93 Resp: 143350
Ion Ratio Lower Upper
93 100
63 83.9 65.3 105.3
95 32.9 12.4 52.4

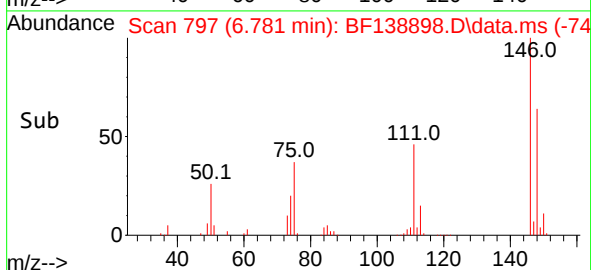
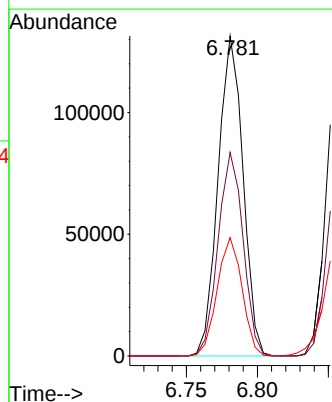
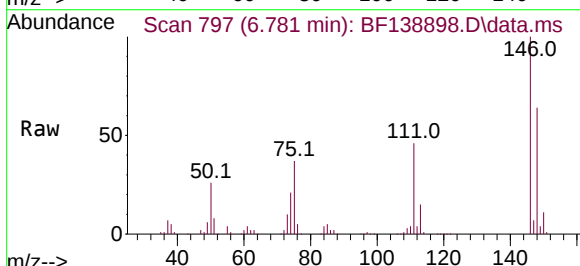
Manual Integrations
APPROVED

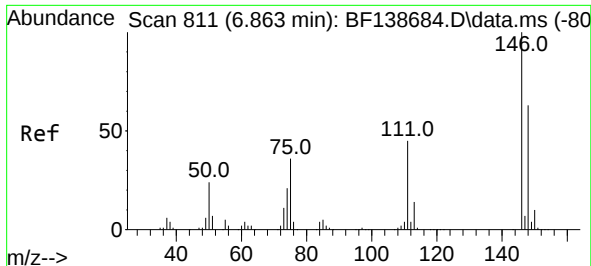
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#12
1,3-Dichlorobenzene
Concen: 50.198 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:146 Resp: 160401
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 37.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 50.981 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138898.D

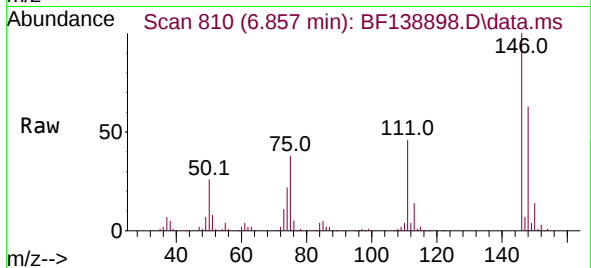
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



Tgt Ion:146 Resp: 164399

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

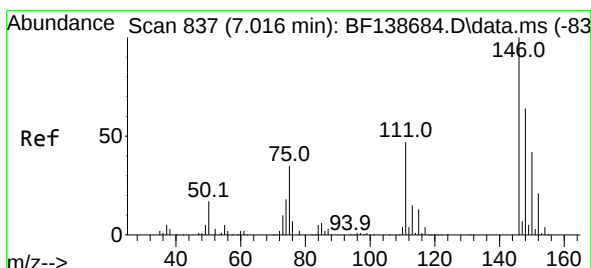
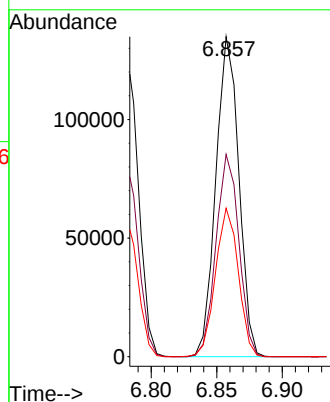
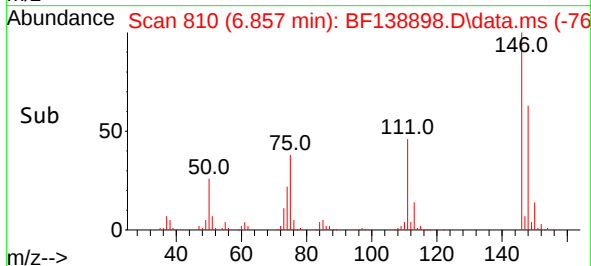
111 46.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#14

1,2-Dichlorobenzene

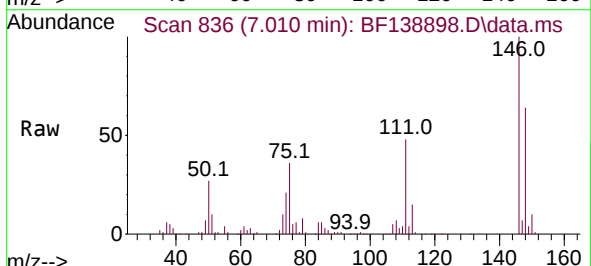
Concen: 50.897 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06



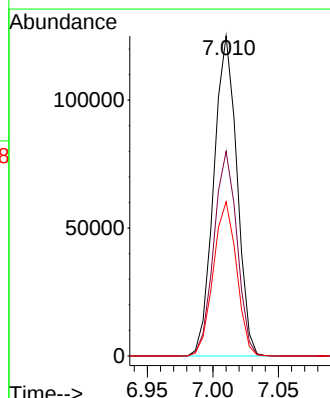
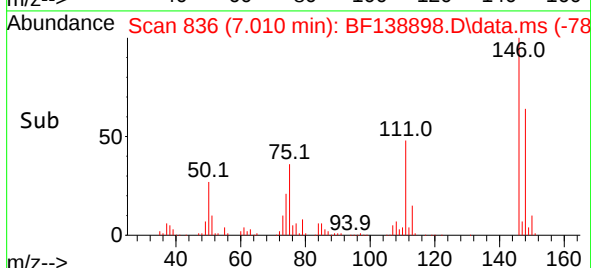
Tgt Ion:146 Resp: 153388

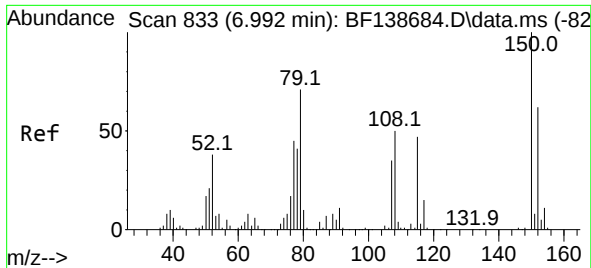
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

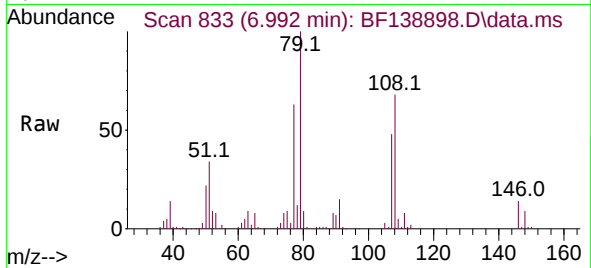
111 48.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 53.651 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

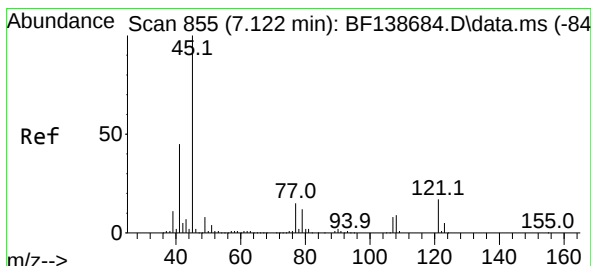
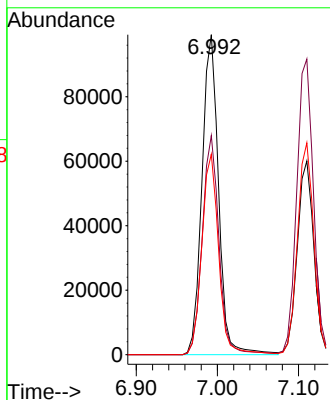
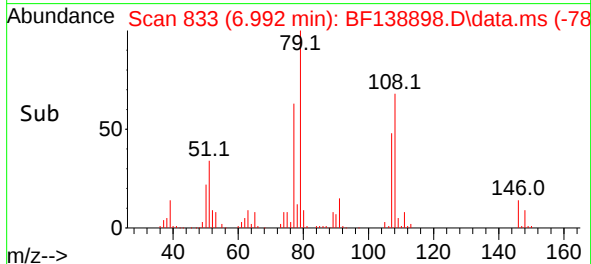
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



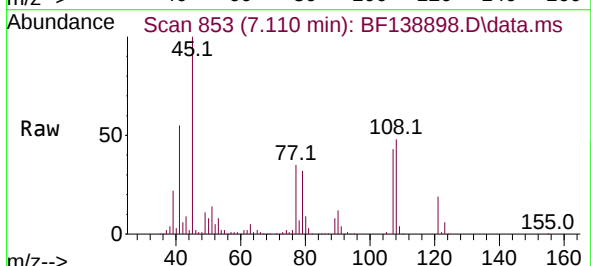
Tgt Ion: 79 Resp: 140859
Ion Ratio Lower Upper
79 100
108 68.4 56.6 85.0
77 62.7 50.3 75.5

Manual Integrations
APPROVED

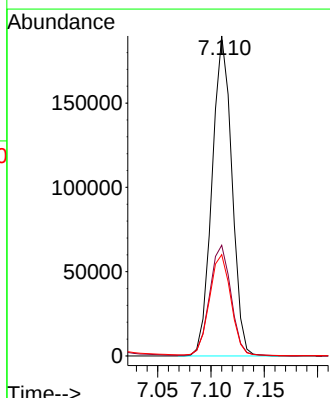
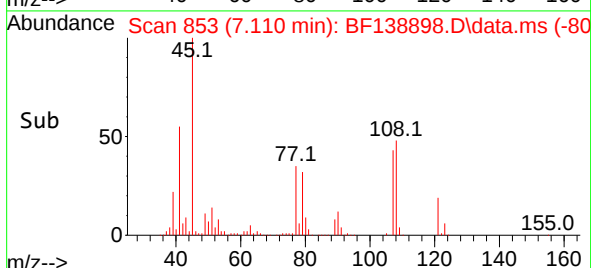
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

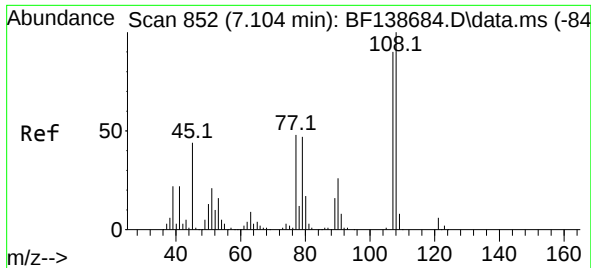


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.324 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



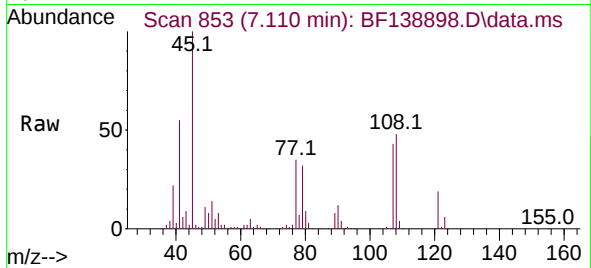
Tgt Ion: 45 Resp: 245451
Ion Ratio Lower Upper
45 100
77 34.6 0.0 34.9
79 31.7 0.0 32.2





#17
2-Methylphenol
Concen: 49.712 ng
RT: 7.110 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

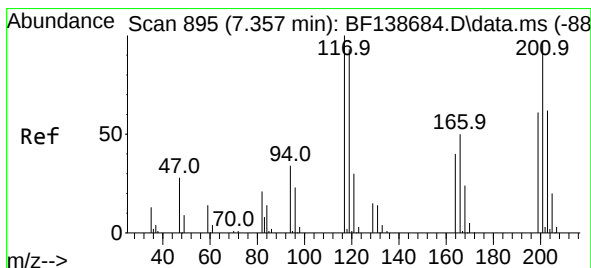
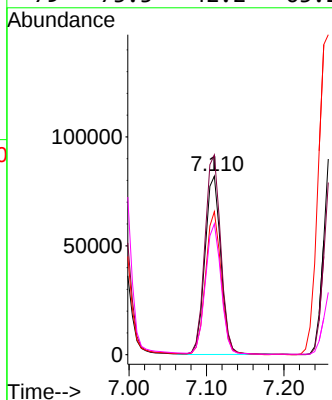
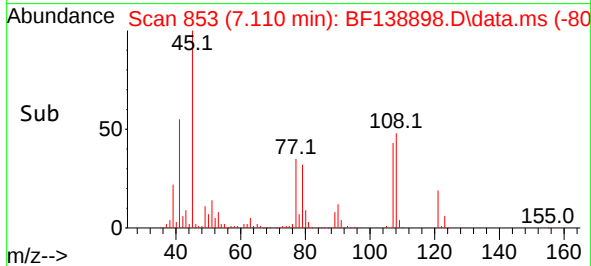
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:107 Resp: 117178
Ion Ratio Lower Upper
107 100
108 111.9 89.2 133.8
77 80.1 43.0 64.4
79 73.3 42.2 63.2

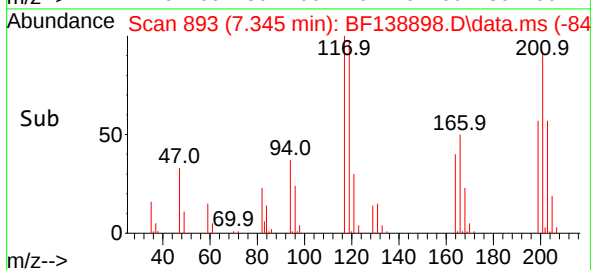
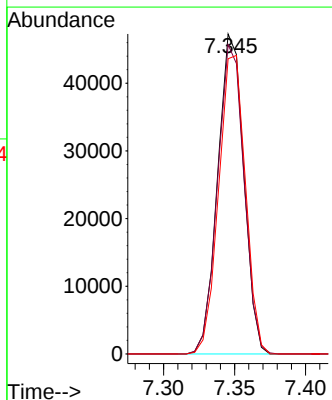
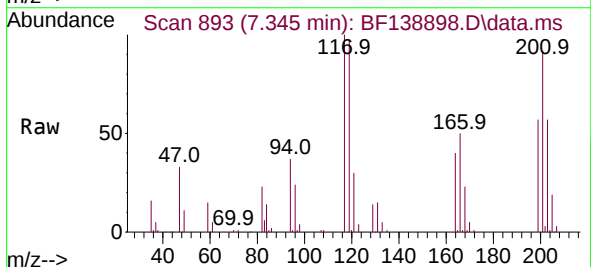
Manual Integrations
APPROVED

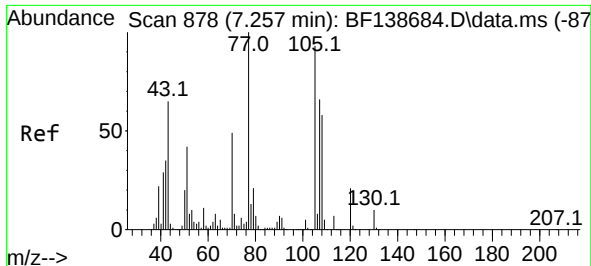
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#18
Hexachloroethane
Concen: 49.701 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:117 Resp: 60329
Ion Ratio Lower Upper
117 100
119 96.6 74.6 111.8
201 92.3 77.2 115.8





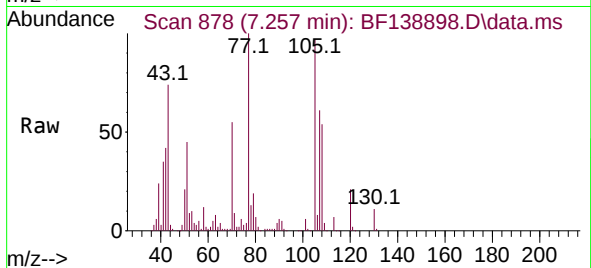
#19
n-Nitroso-di-n-propylamine
Concen: 53.867 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



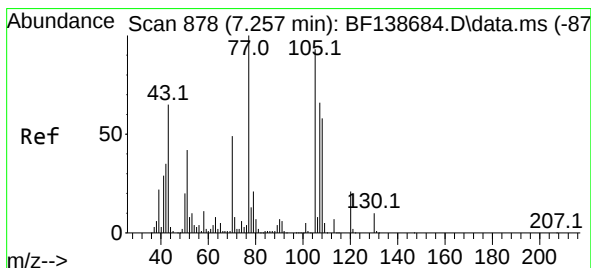
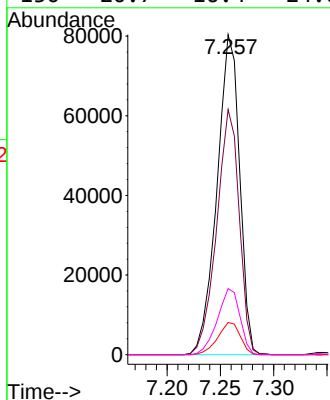
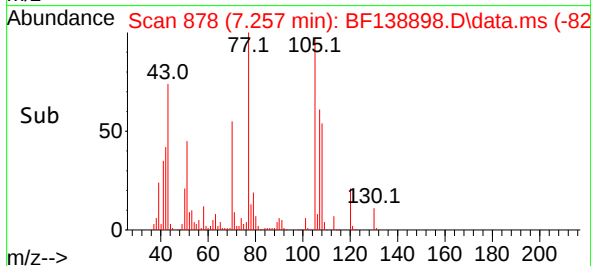
Tgt Ion: 70 Resp: 118514
Ion Ratio Lower Upper
70 100
42 76.6 57.4 86.0
101 10.1 7.5 11.3
130 20.7 16.4 24.6

Manual Integrations

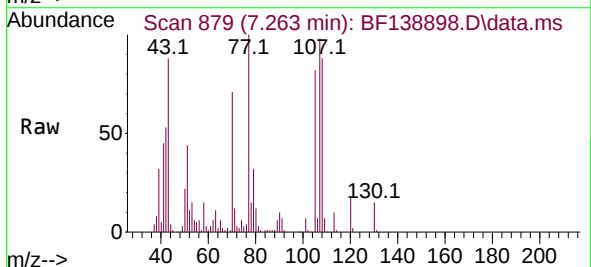
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

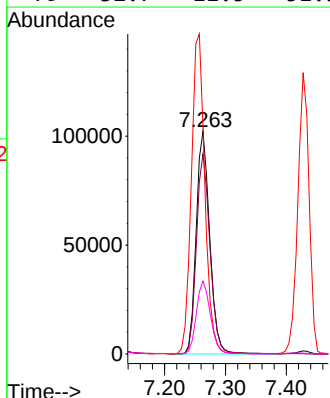
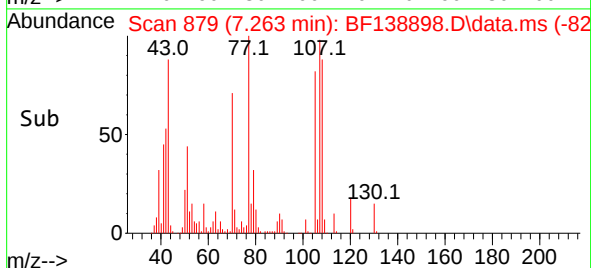
Supervised By :mohammad ahmed 08/12/2024

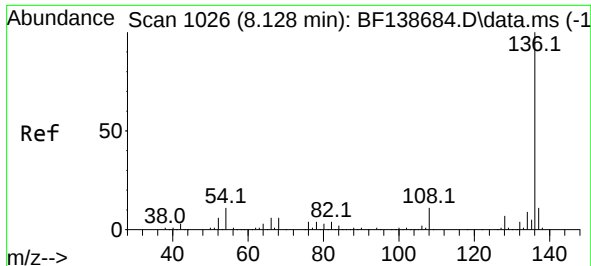


#20
3+4-Methylphenols
Concen: 52.056 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:107 Resp: 157435
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 102.0 132.1 172.1#
79 32.7 11.5 51.5





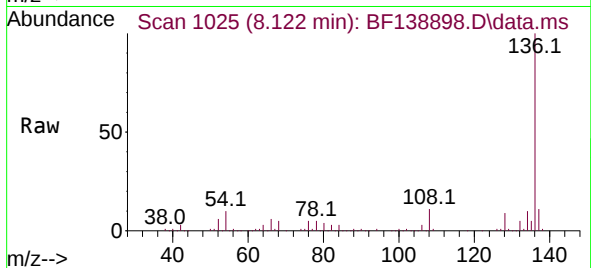
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



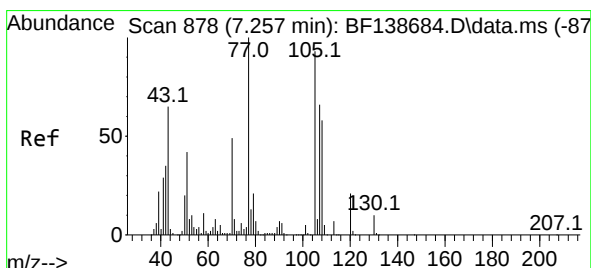
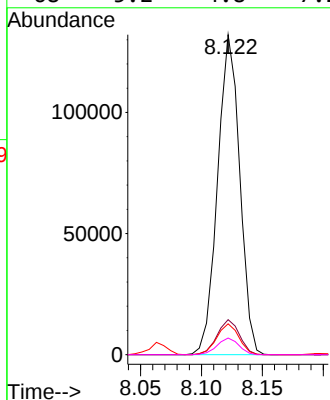
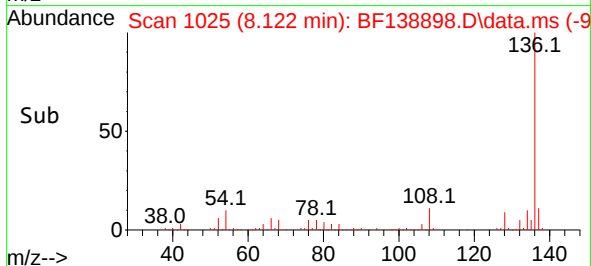
Tgt Ion:136 Resp: 16715
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 8.6 12.8
68 5.2 4.8 7.2

Manual Integrations

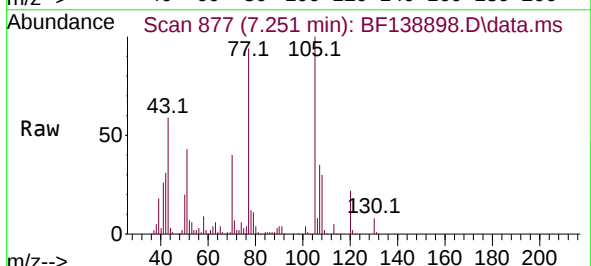
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

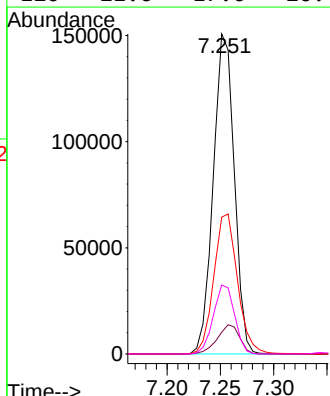
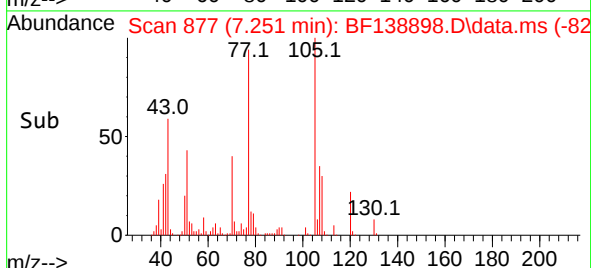
Supervised By :mohammad ahmed 08/12/2024

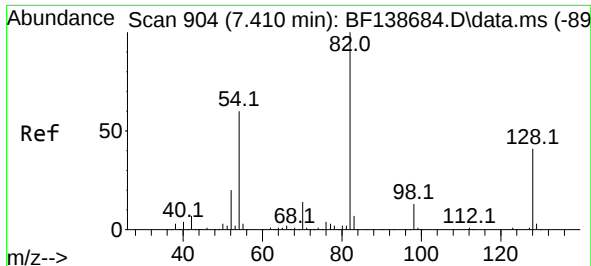


#22
Acetophenone
Concen: 50.432 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:105 Resp: 206402
Ion Ratio Lower Upper
105 100
71 6.8 7.2 10.8#
51 42.8 35.9 53.9
120 21.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 75.355 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

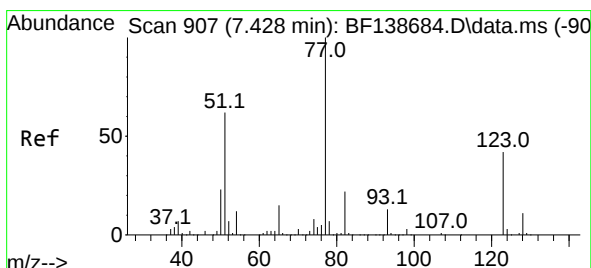
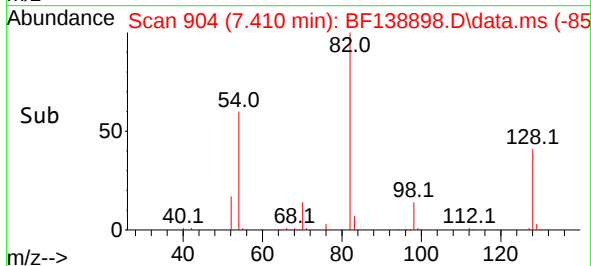
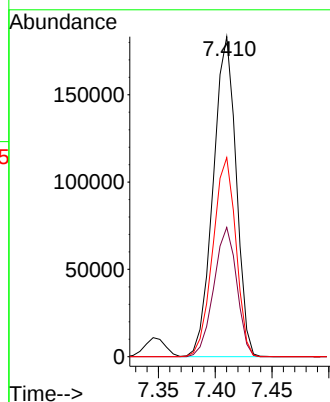
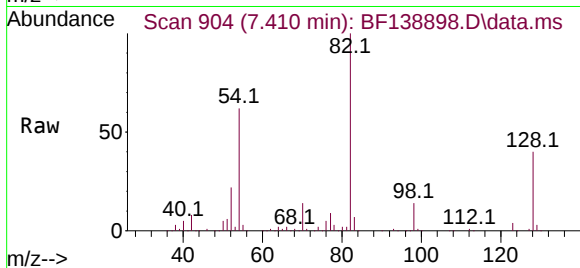
Tgt Ion: 82 Resp: 257620

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.8	49.2
54	62.2	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#24

Nitrobenzene

Concen: 48.054 ng

RT: 7.428 min Scan# 907

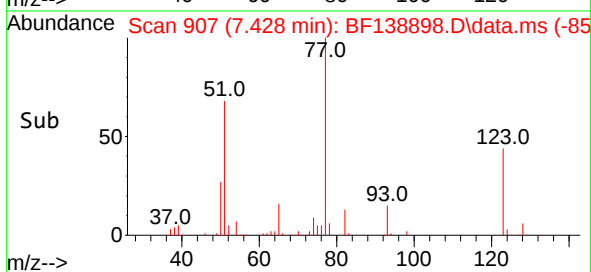
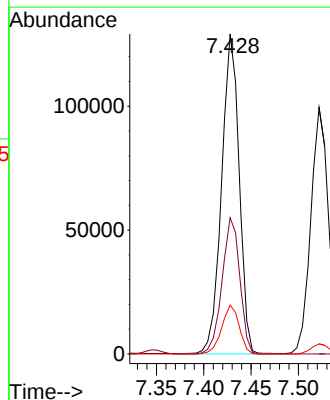
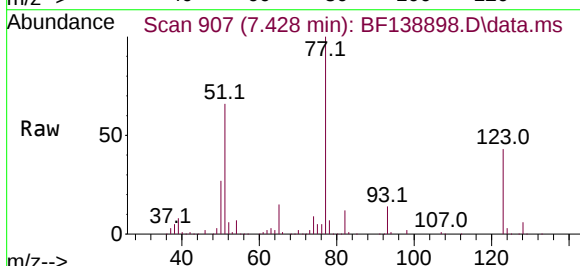
Delta R.T. 0.000 min

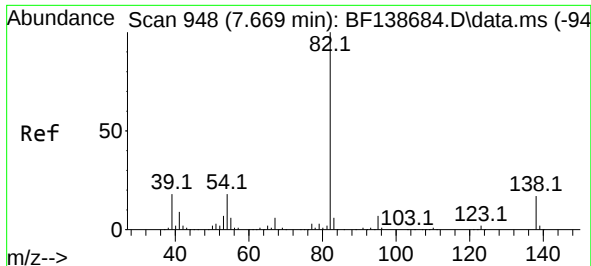
Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Tgt Ion: 77 Resp: 167174

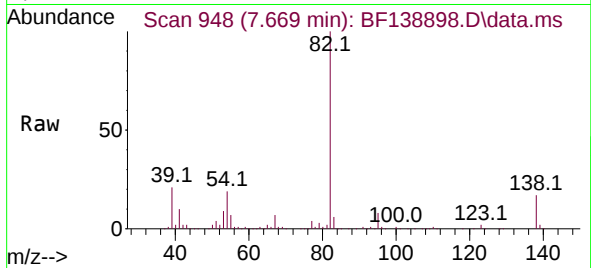
Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.3	49.9
65	15.3	11.9	17.9





#25
Isophorone
Concen: 50.946 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

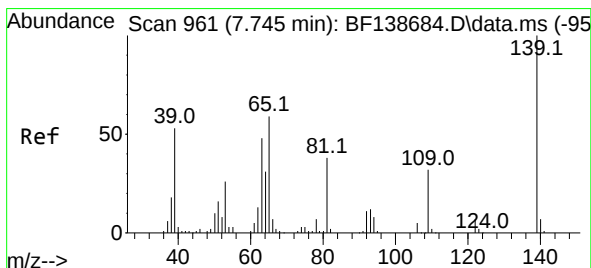
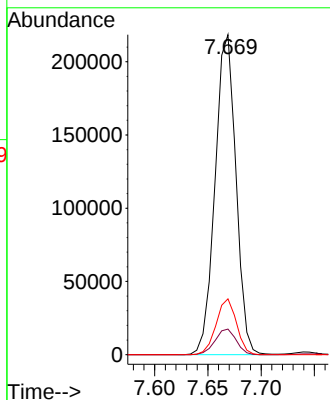
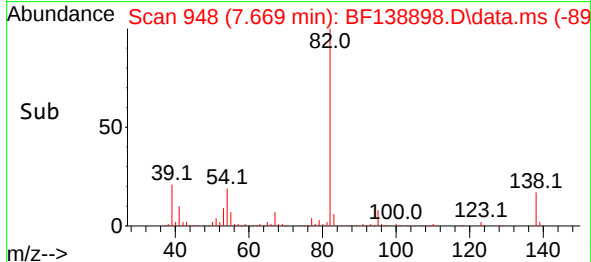
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion: 82 Resp: 29741
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 17.5 13.7 20.5

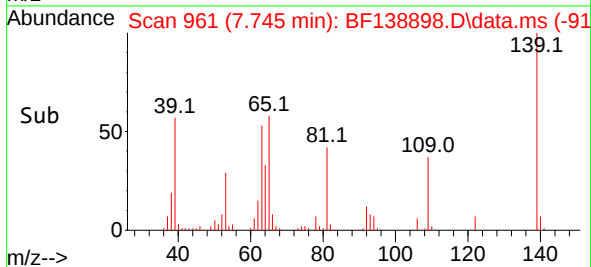
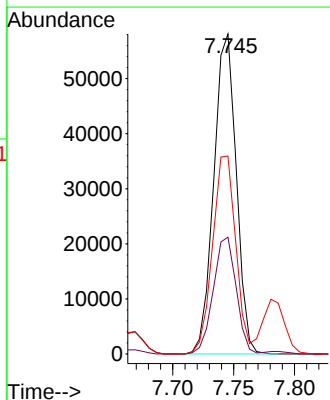
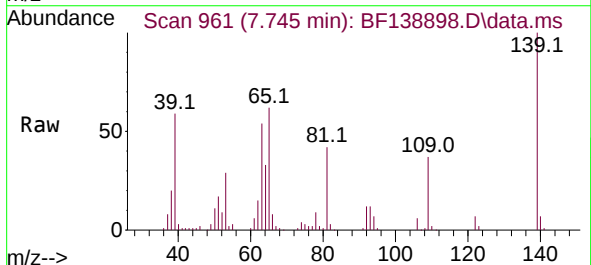
Manual Integrations
APPROVED

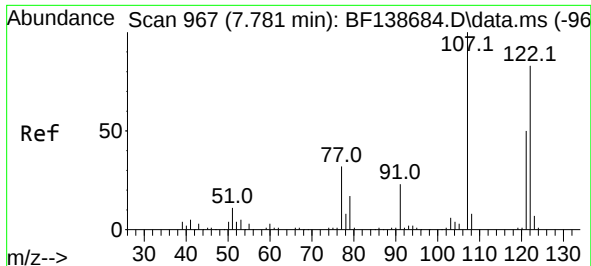
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#26
2-Nitrophenol
Concen: 49.936 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:139 Resp: 74741
Ion Ratio Lower Upper
139 100
109 36.5 25.9 38.9
65 61.9 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 55.579 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF138898.D

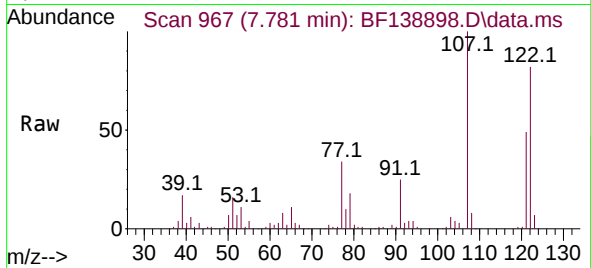
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



Tgt Ion:122 Resp: 9953

Ion Ratio Lower Upper

122 100

107 121.3 95.0 142.6

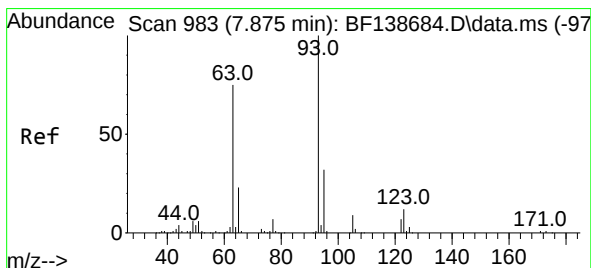
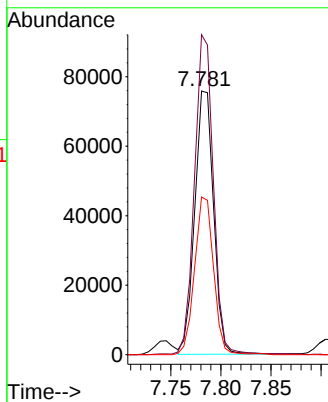
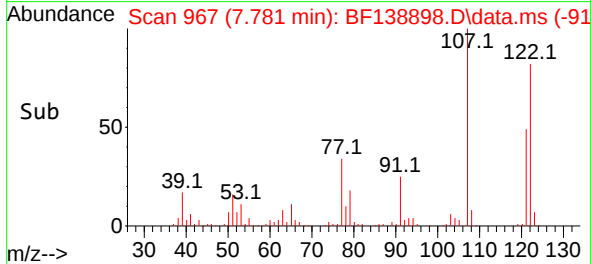
121 59.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 50.435 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

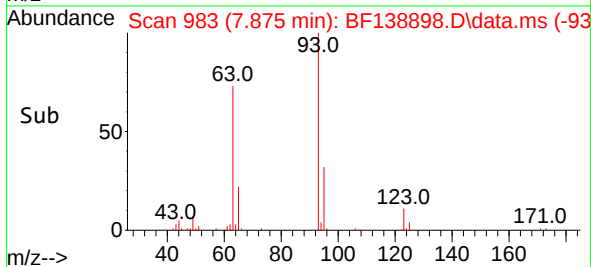
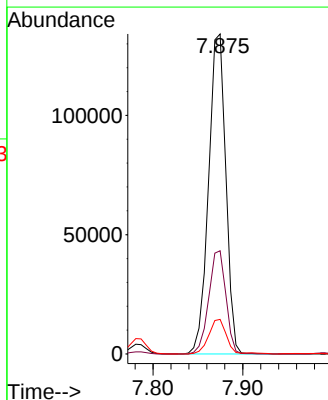
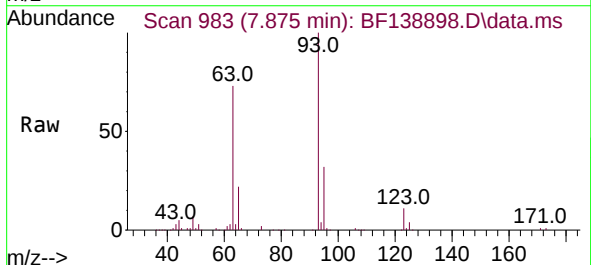
Tgt Ion: 93 Resp: 179299

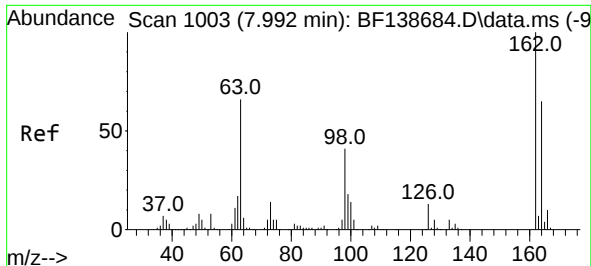
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.369 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138898.D

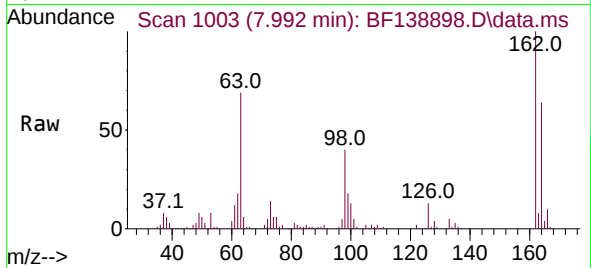
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



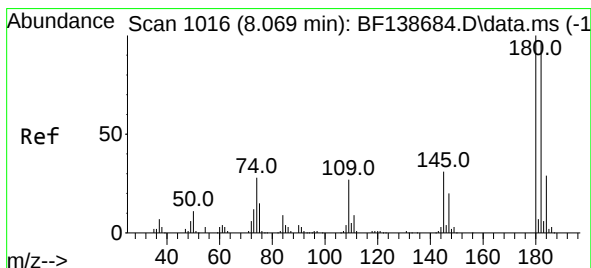
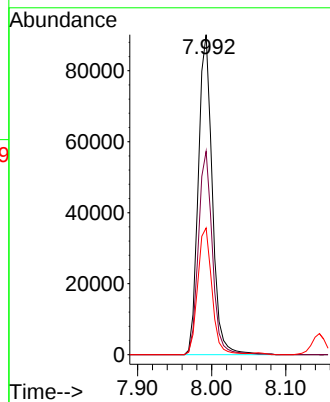
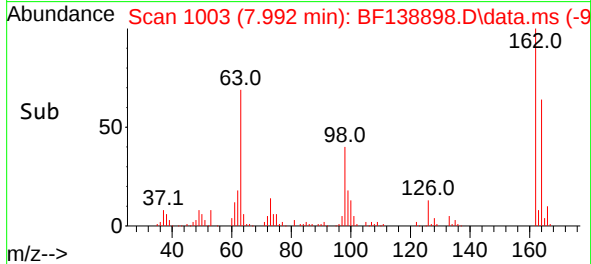
Tgt Ion:162	Resp:	118209
Ion Ratio	Lower	Upper
162	100	
164	63.6	44.7 84.7
98	39.6	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.318 ng

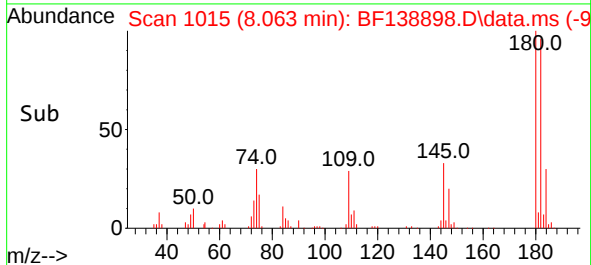
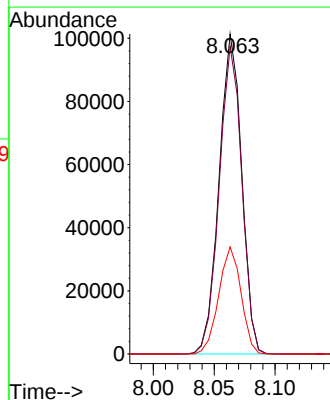
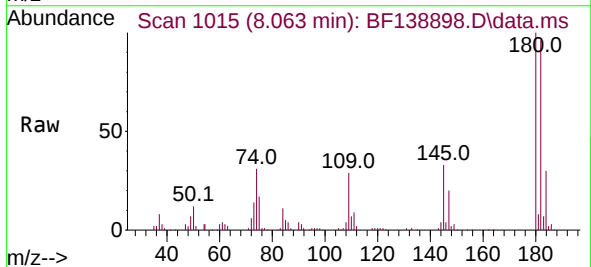
RT: 8.063 min Scan# 1015

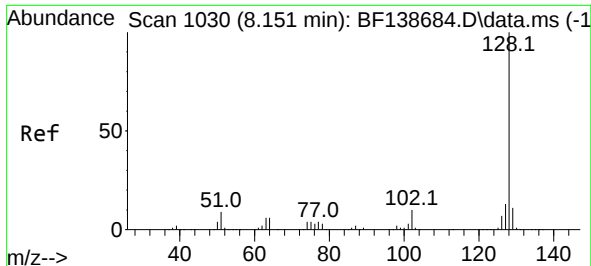
Delta R.T. -0.006 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Tgt Ion:180	Resp:	130969
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.9 115.3
145	33.4	25.0 37.4





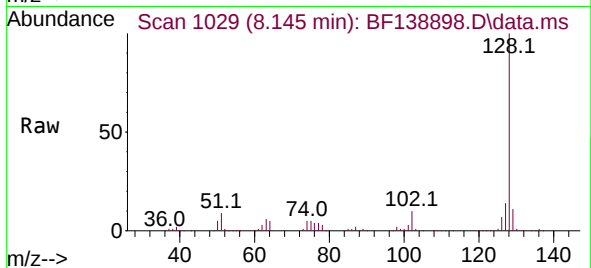
#31
Naphthalene
Concen: 48.576 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



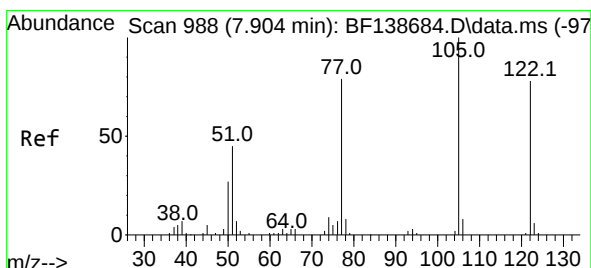
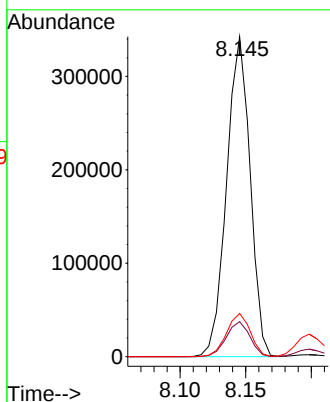
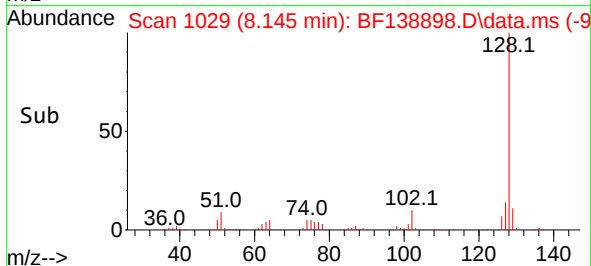
Tgt Ion:128 Resp: 427380
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0

Manual Integrations

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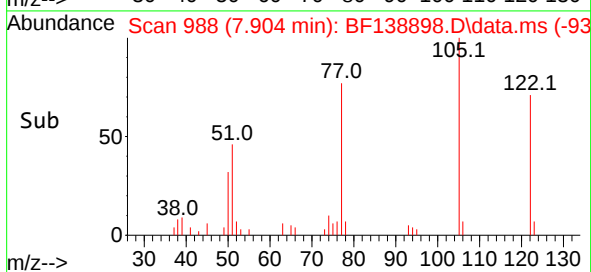
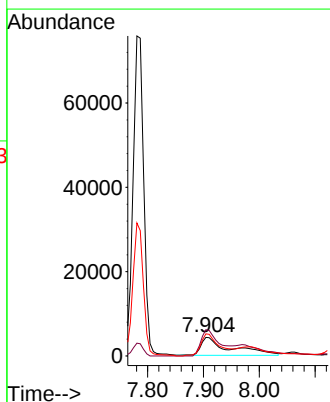
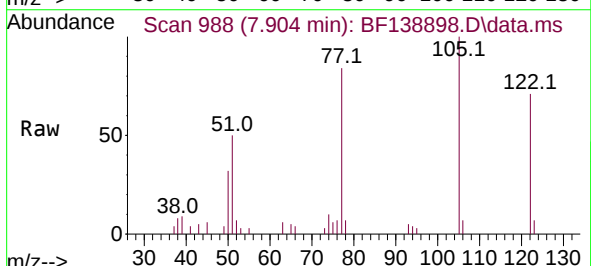
Reviewed By :Yogesh Patel 08/10/2024

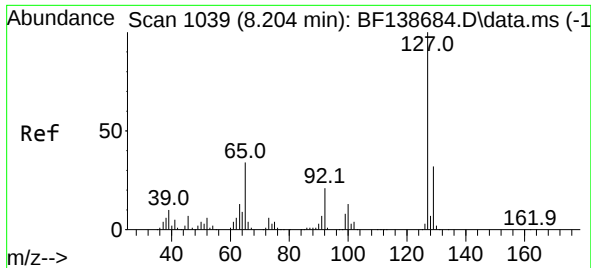
Supervised By :mohammad ahmed 08/12/2024



#32
Benzoic acid
Concen: 11.132 ng m
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:122 Resp: 15670
Ion Ratio Lower Upper
122 100
105 140.6 106.7 146.7
77 118.5 81.1 121.1





#33
4-Chloroaniline
Concen: 13.451 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

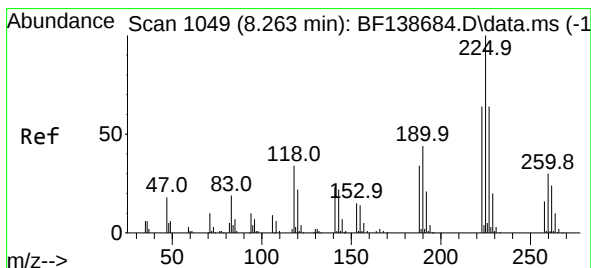
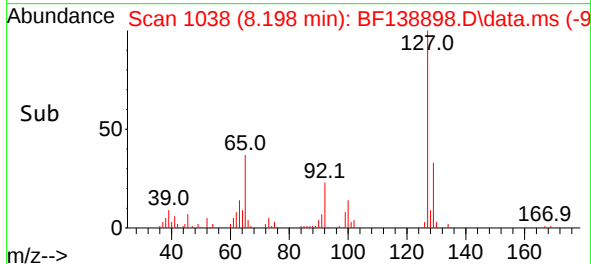
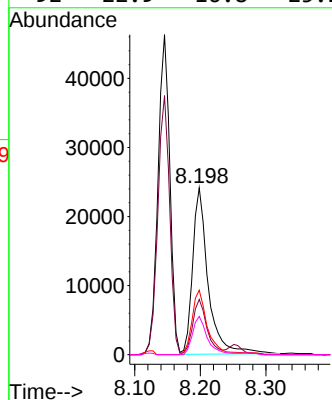
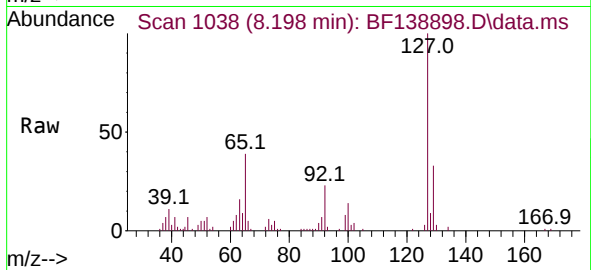
OR-02-080724MSD

Tgt Ion:	127	Resp:	3972
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.9	38.9
65	38.6	27.6	41.4
92	22.9	16.8	25.2

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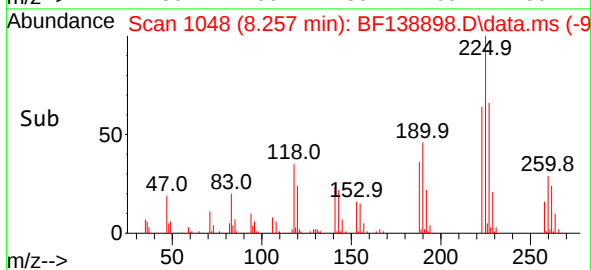
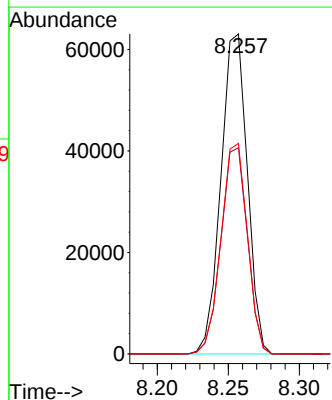
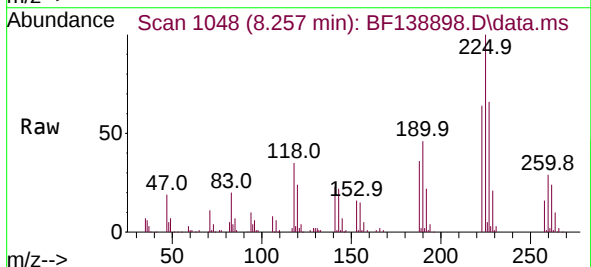
APPROVED

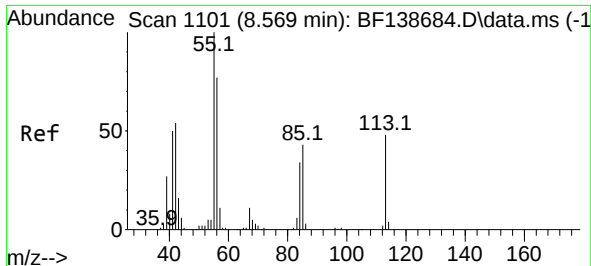
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#34
Hexachlorobutadiene
Concen: 50.769 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

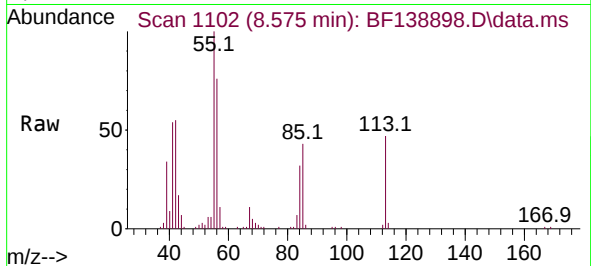
Tgt Ion:	225	Resp:	81661
Ion Ratio	Lower	Upper	
225	100		
223	64.4	51.2	76.8
227	65.8	51.1	76.7





#35
Caprolactam
Concen: 41.739 ng m
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

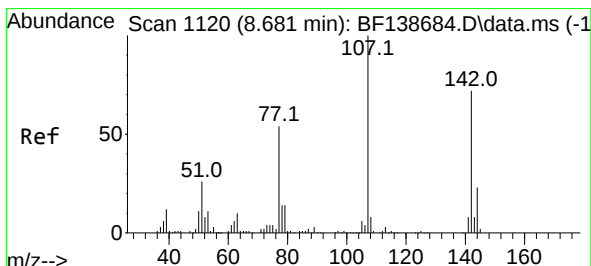
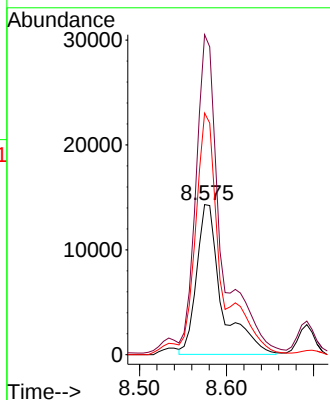
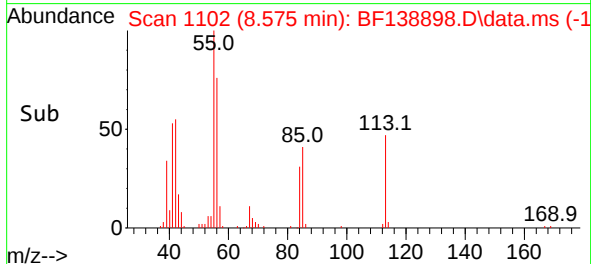
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:113 Resp: 2865
Ion Ratio Lower Upper
113 100
55 213.2 186.7 226.7
56 161.0 138.9 178.9

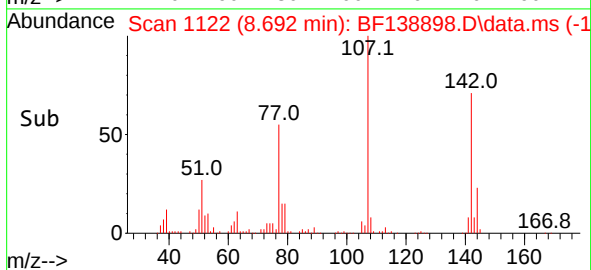
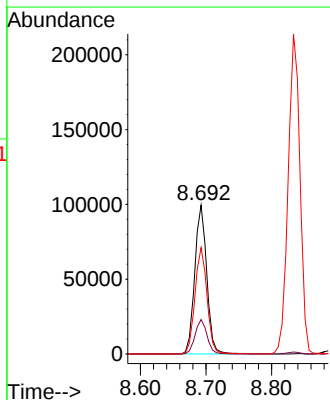
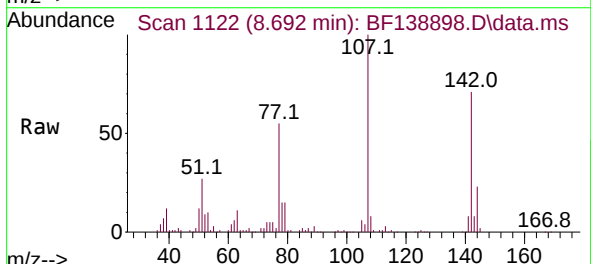
Manual Integrations
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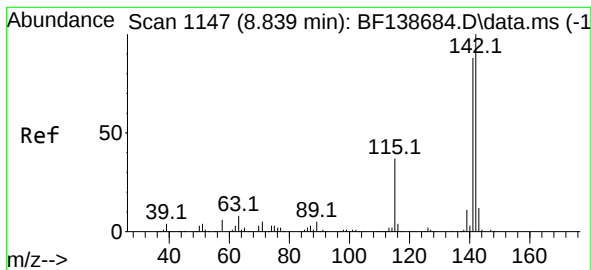
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#36
4-Chloro-3-methylphenol
Concen: 48.318 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

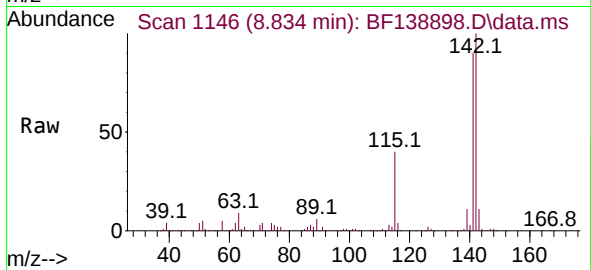
Tgt Ion:107 Resp: 127070
Ion Ratio Lower Upper
107 100
144 23.2 18.2 27.2
142 71.4 57.4 86.2





#37
2-Methylnaphthalene
Concen: 48.453 ng
RT: 8.834 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

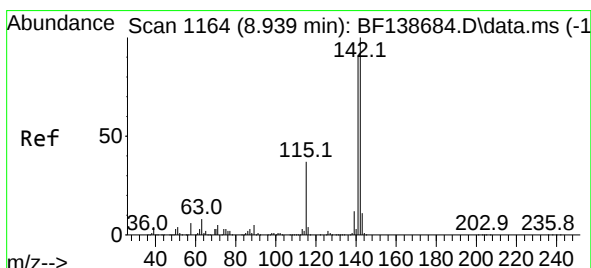
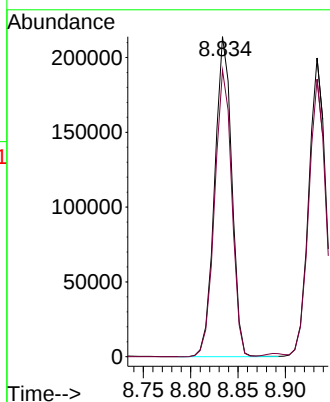
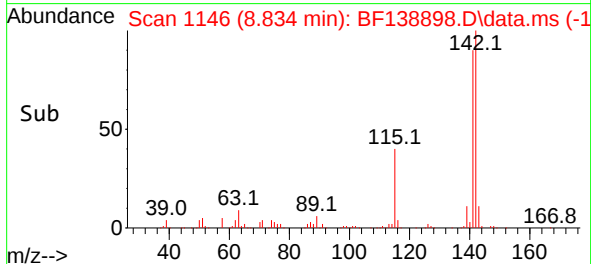
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:142 Resp: 26923
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

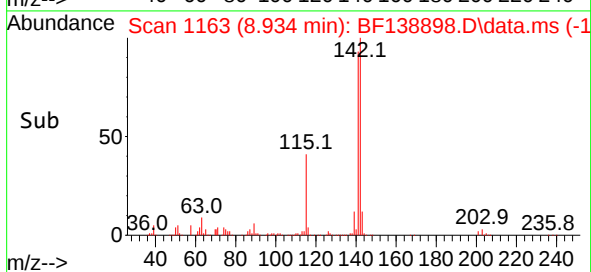
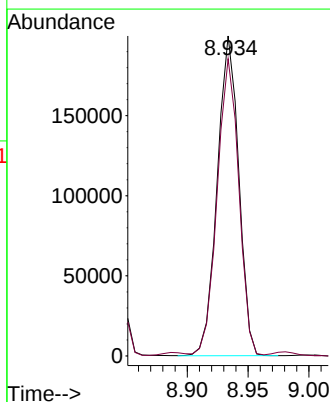
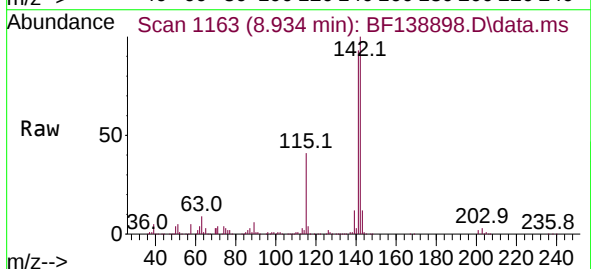
Manual Integrations
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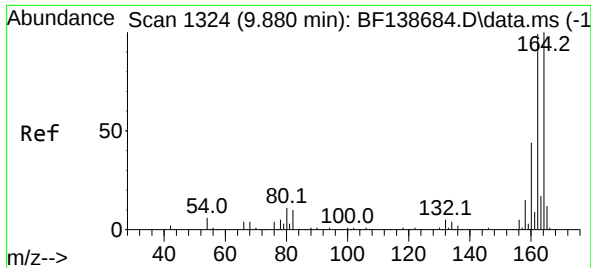
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#38
1-Methylnaphthalene
Concen: 45.068 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

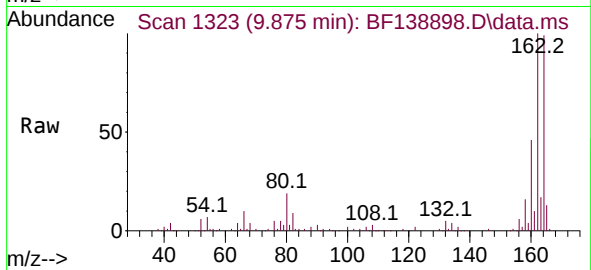
Tgt Ion:142 Resp: 245392
Ion Ratio Lower Upper
142 100
141 92.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

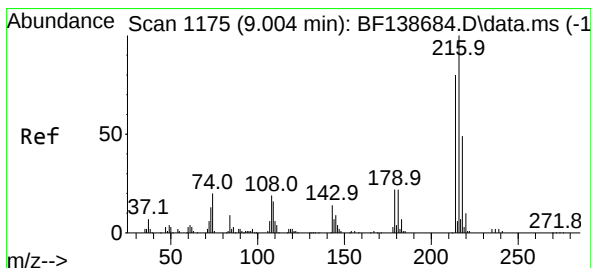
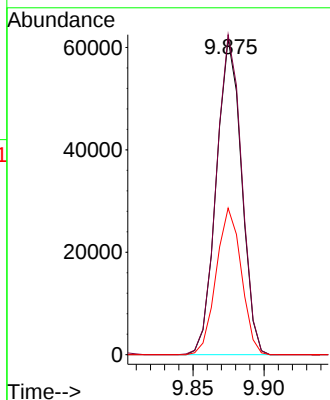
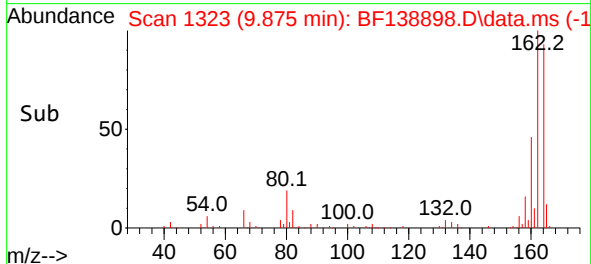
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



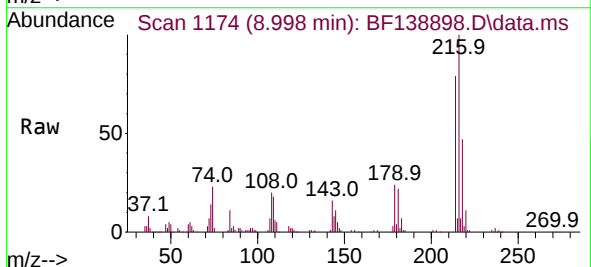
Tgt Ion:164 Resp: 76034
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 46.4 35.1 52.7

Manual Integrations
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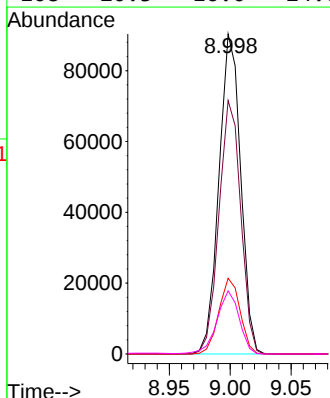
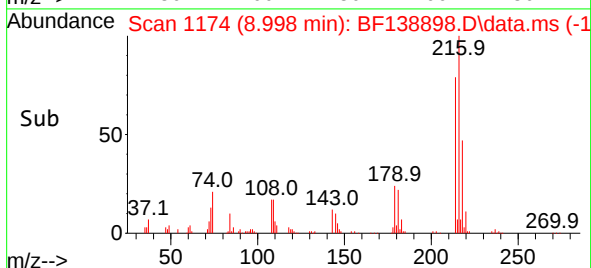
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

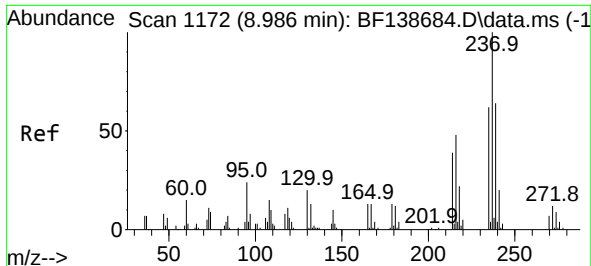


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.080 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



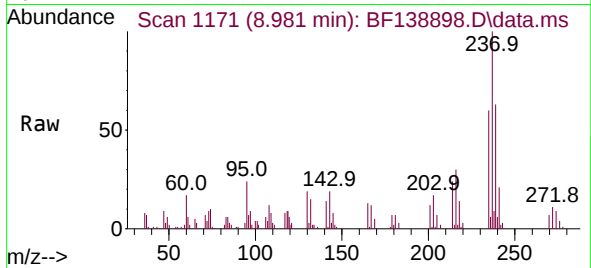
Tgt Ion:216 Resp: 112112
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 23.2 17.8 26.6
108 20.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 45.227 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

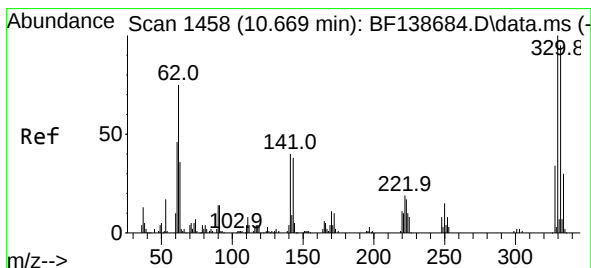
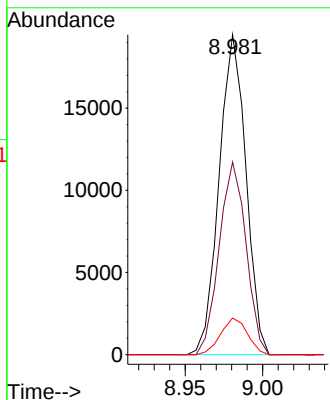
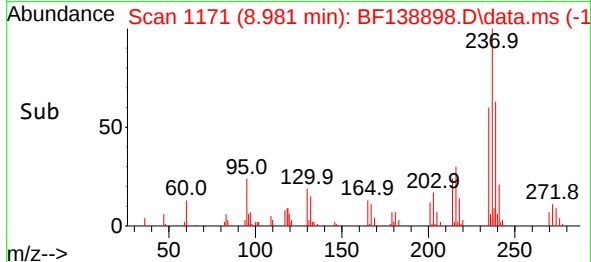
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



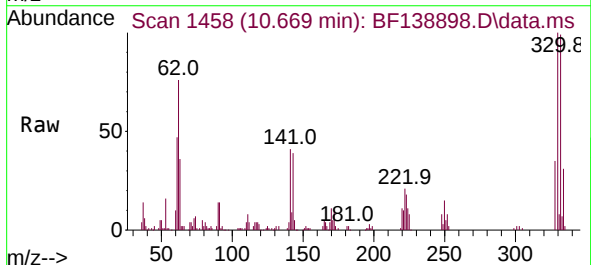
Tgt Ion: 237 Resp: 23430
Ion Ratio Lower Upper
237 100
235 60.2 41.8 81.8
272 11.5 0.0 32.2

Manual Integrations
APPROVED

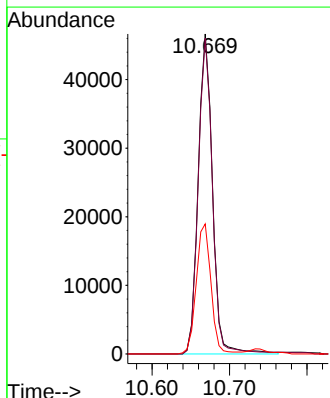
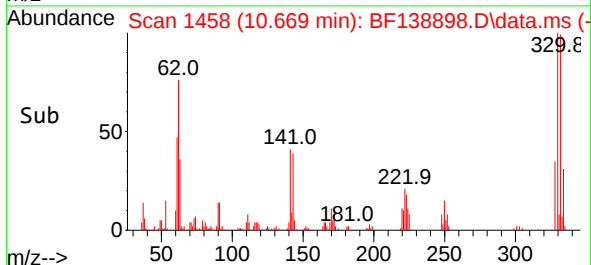
Reviewed By : Yogesh Patel 08/10/2024
Supervised By : mohammad ahmed 08/12/2024

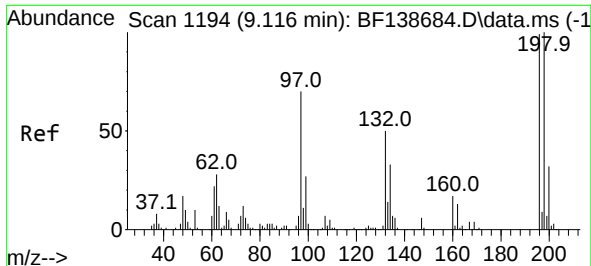


#42
2,4,6-Tribromophenol
Concen: 96.084 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



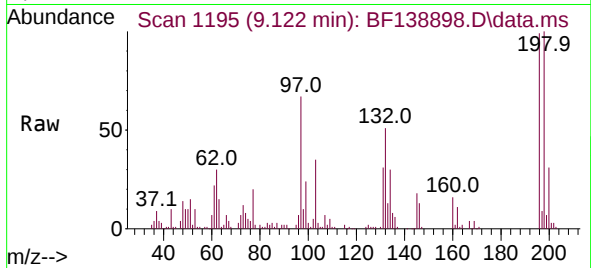
Tgt Ion: 330 Resp: 59843
Ion Ratio Lower Upper
330 100
332 98.6 76.4 114.6
141 41.8 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 54.867 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

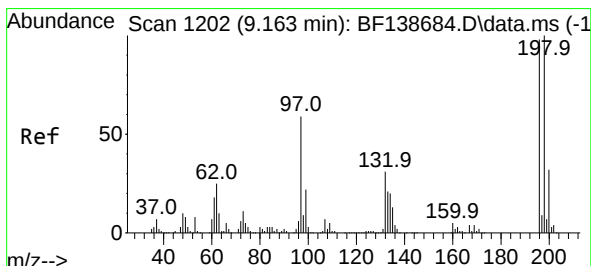
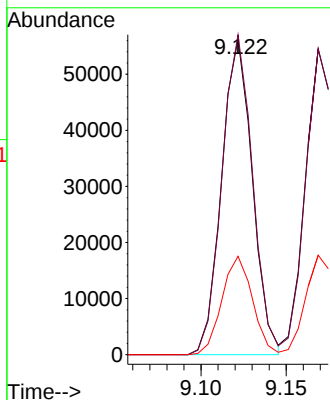
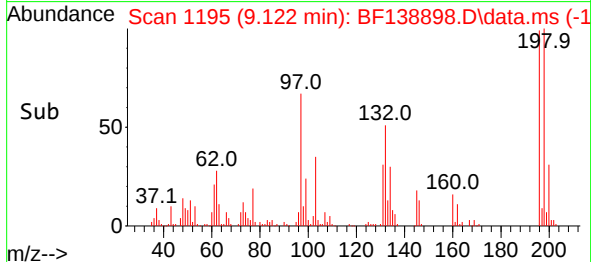
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



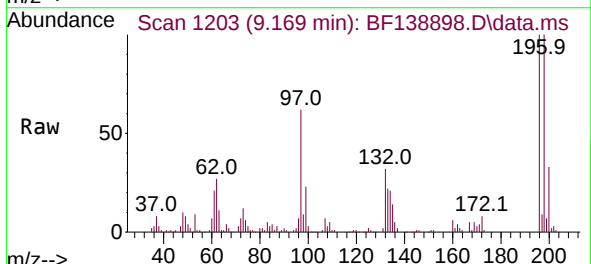
Tgt Ion:196 Resp: 7065
Ion Ratio Lower Upper
196 100
198 101.3 80.5 120.7
200 31.1 25.9 38.9

Manual Integrations
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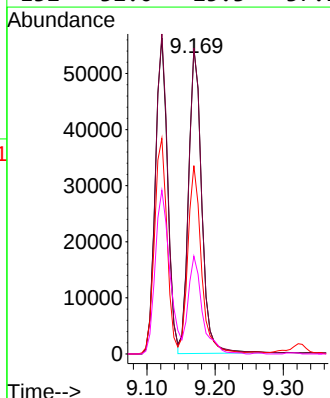
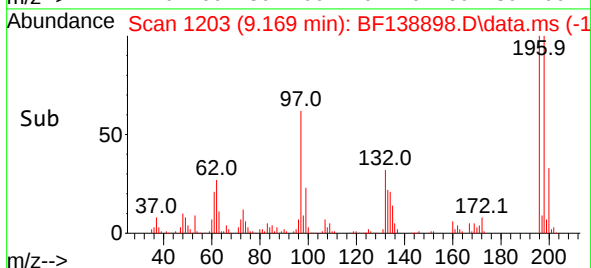
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

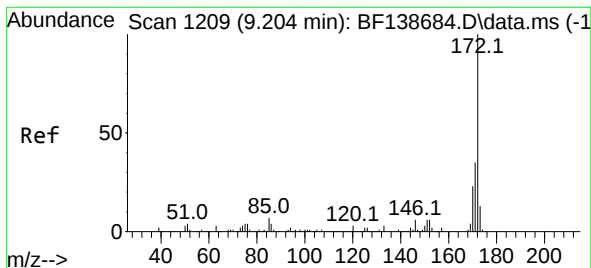


#44
2,4,5-Trichlorophenol
Concen: 51.295 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:196 Resp: 72214
Ion Ratio Lower Upper
196 100
198 100.1 81.2 121.8
97 61.6 47.8 71.6
132 32.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 80.819 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

Tgt Ion:172 Resp: 40898

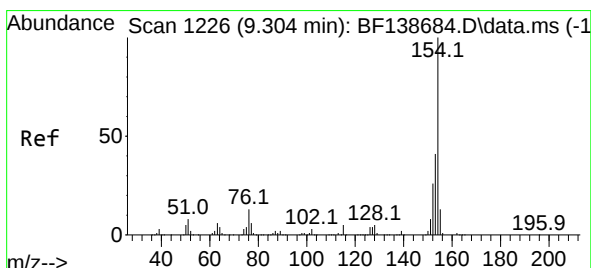
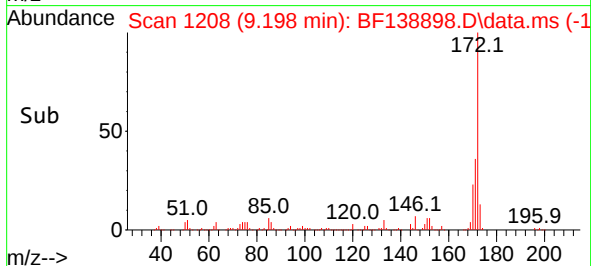
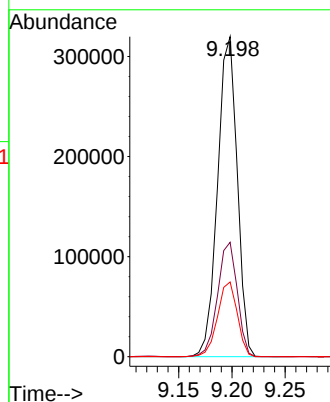
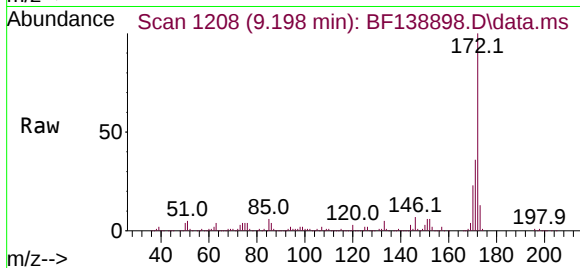
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	23.4	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#46

1,1'-Biphenyl

Concen: 52.925 ng

RT: 9.298 min Scan# 1225

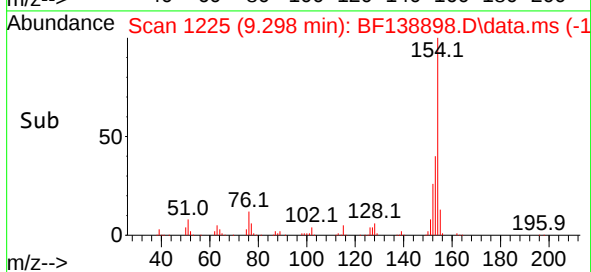
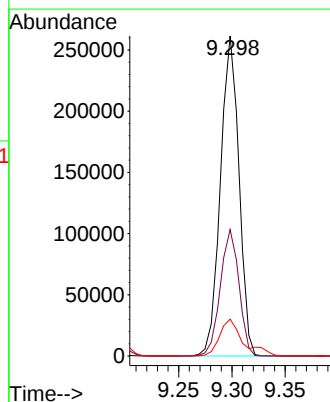
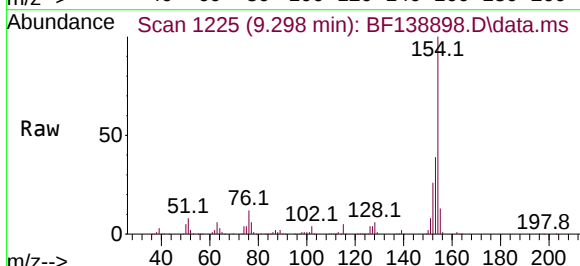
Delta R.T. -0.006 min

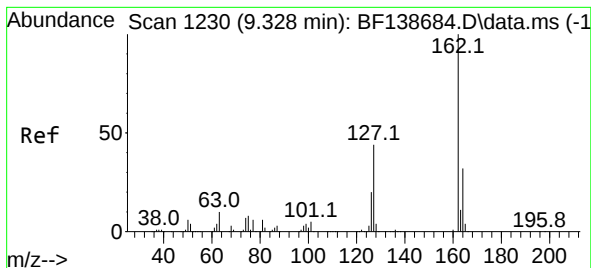
Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Tgt Ion:154 Resp: 315162

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.8	60.8
76	11.5	0.0	32.8





#47

2-Chloronaphthalene

Concen: 53.481 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138898.D

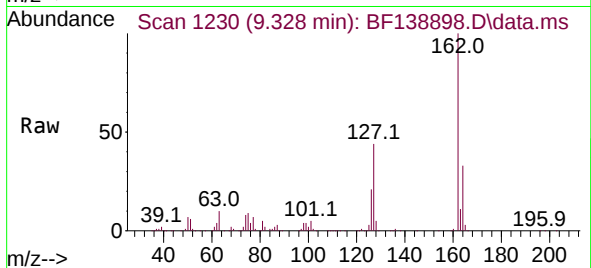
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



Tgt Ion:162 Resp: 23685

Ion Ratio Lower Upper

162 100

127 43.7 35.4 53.2

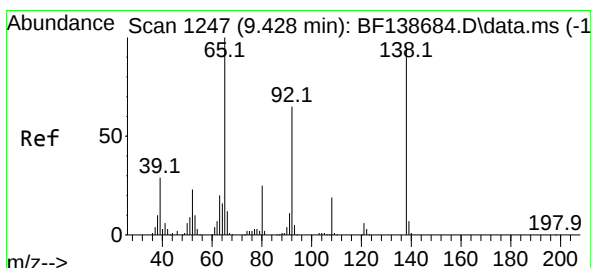
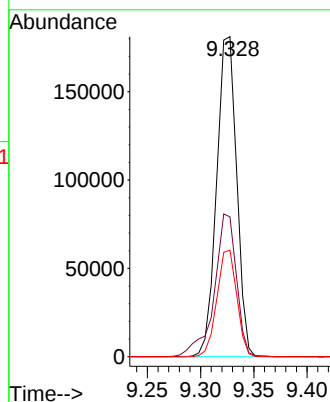
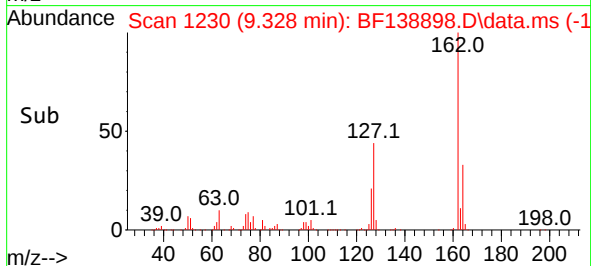
164 33.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#48

2-Nitroaniline

Concen: 57.039 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

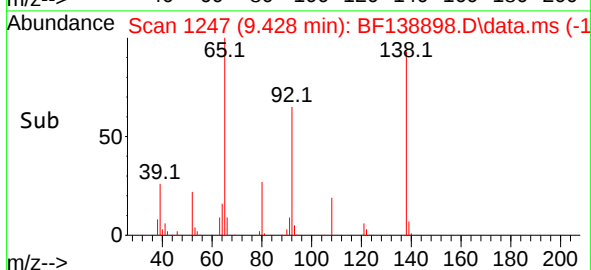
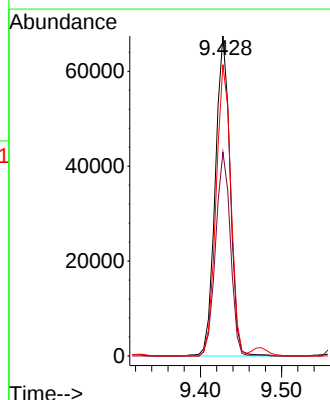
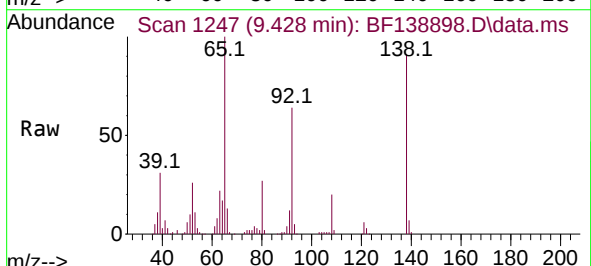
Tgt Ion: 65 Resp: 85640

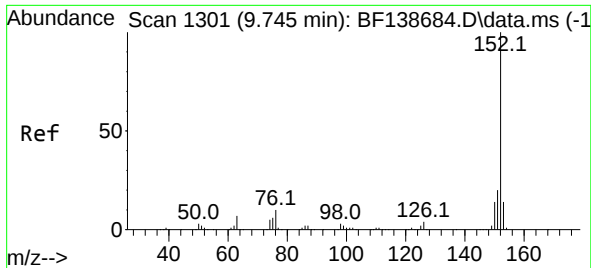
Ion Ratio Lower Upper

65 100

92 63.7 52.0 78.0

138 91.0 76.2 114.4





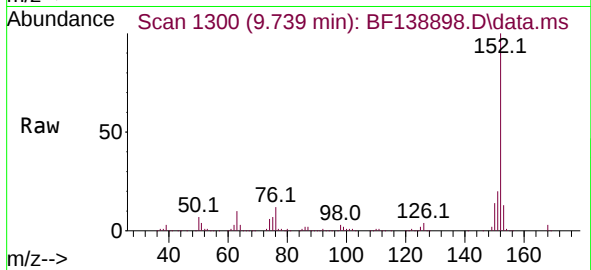
#49
Acenaphthylene
Concen: 56.228 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



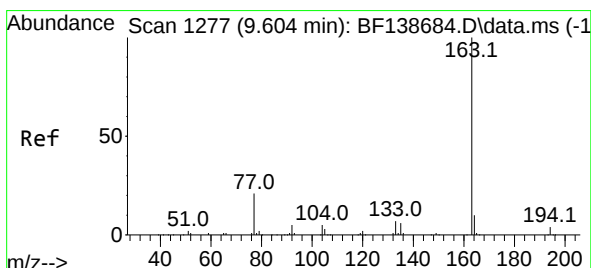
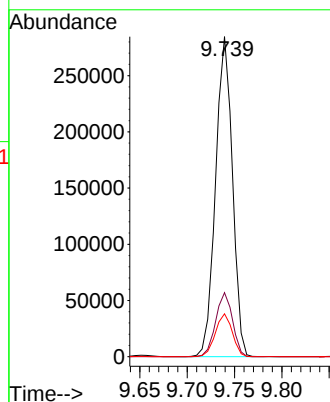
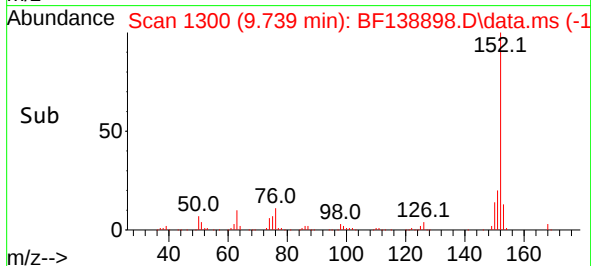
Tgt Ion:152 Resp: 35318
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 11.0 16.4

Manual Integrations

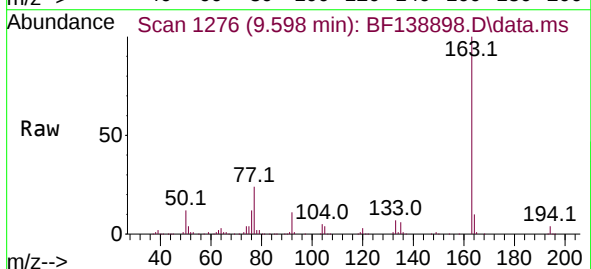
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

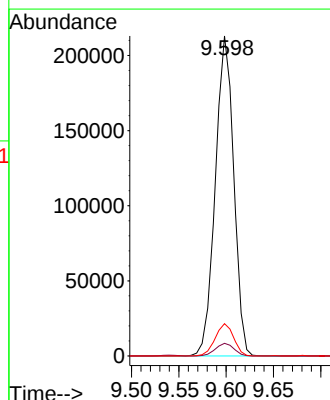
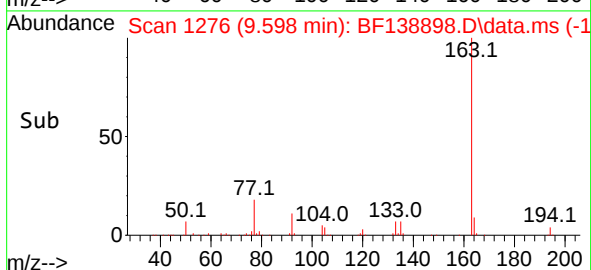
Supervised By :mohammad ahmed 08/12/2024

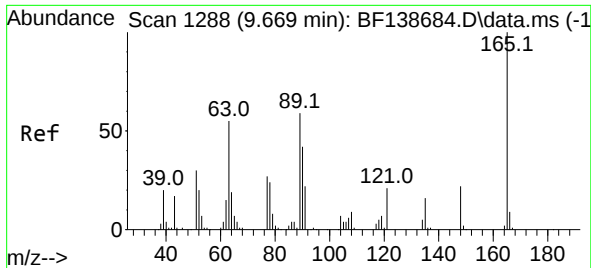


#50
Dimethylphthalate
Concen: 59.361 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:163 Resp: 288597
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.8 11.8





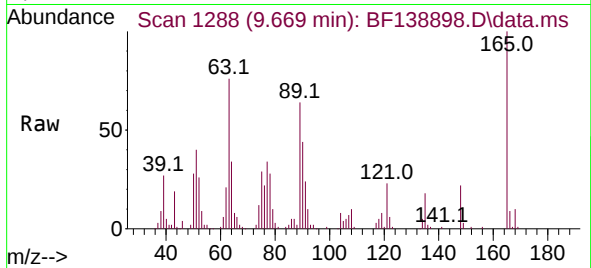
#51
2,6-Dinitrotoluene
Concen: 51.689 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

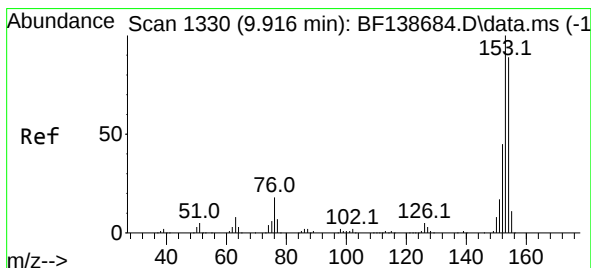
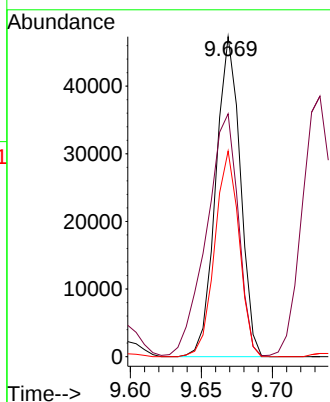
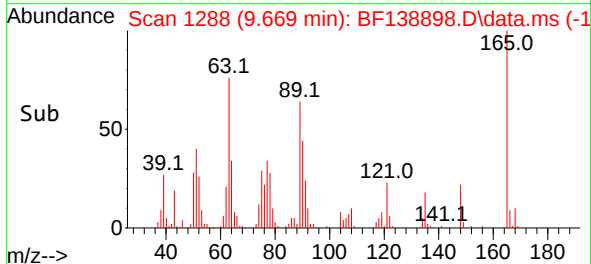


Tgt Ion:165 Resp: 5671
Ion Ratio Lower Upper
165 100
63 75.9 52.0 78.0
89 64.3 47.0 70.6

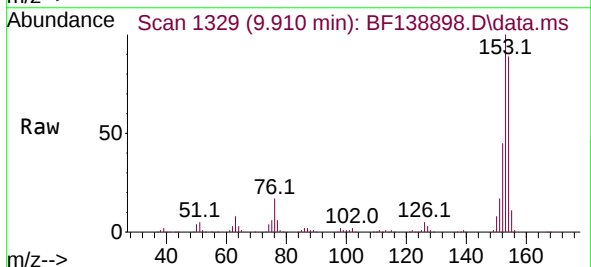
Manual Integrations

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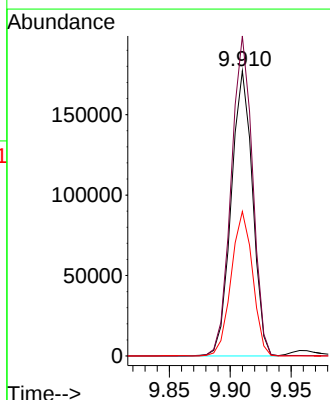
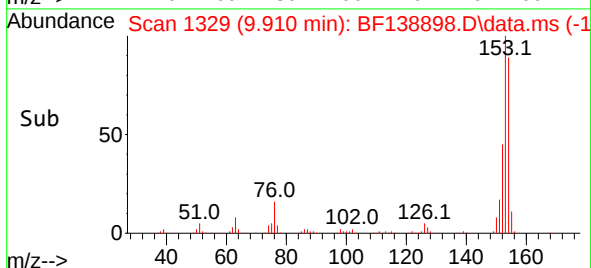
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

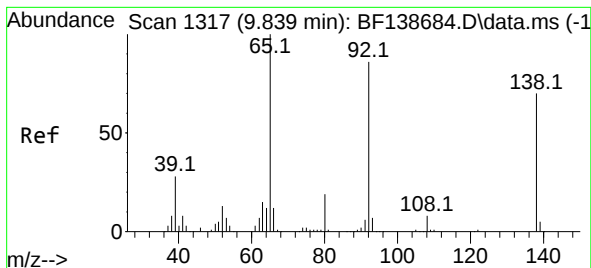


#52
Acenaphthene
Concen: 51.215 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:154 Resp: 216255
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 30.030 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

Tgt Ion:138 Resp: 34062

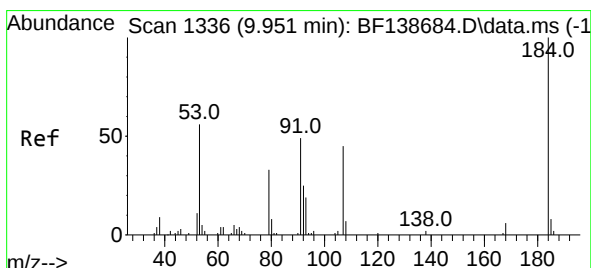
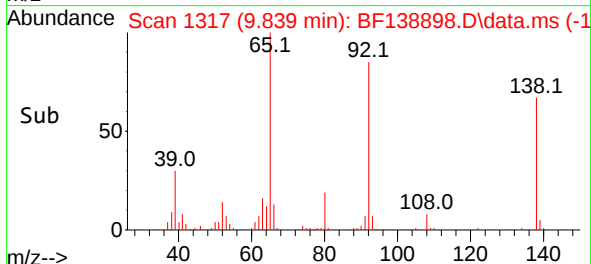
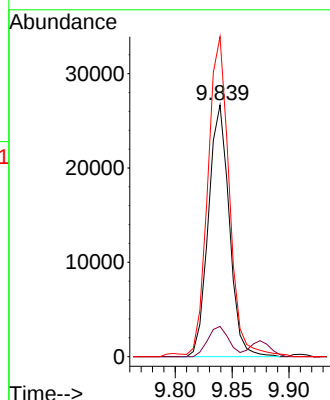
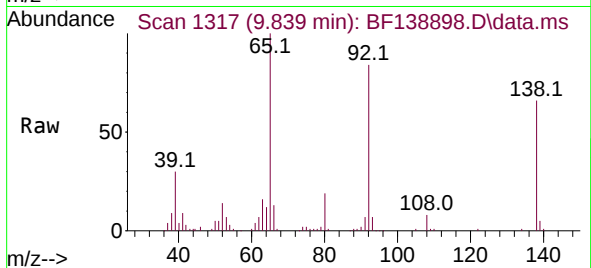
Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.1	13.7
92	127.1	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#54

2,4-Dinitrophenol

Concen: 13.964 ng

RT: 9.957 min Scan# 1337

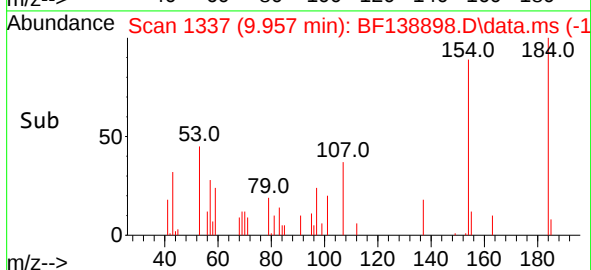
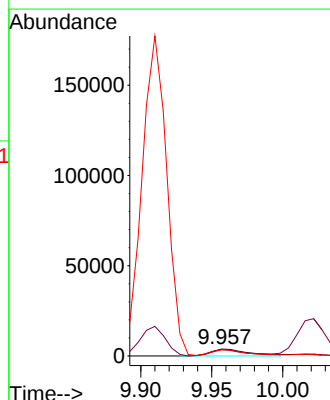
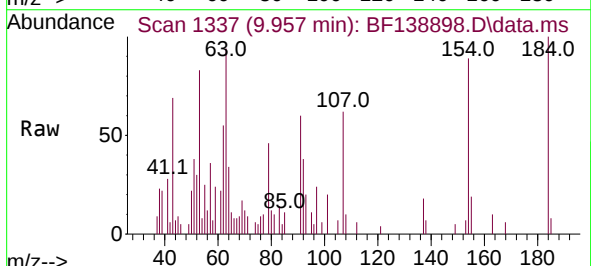
Delta R.T. 0.006 min

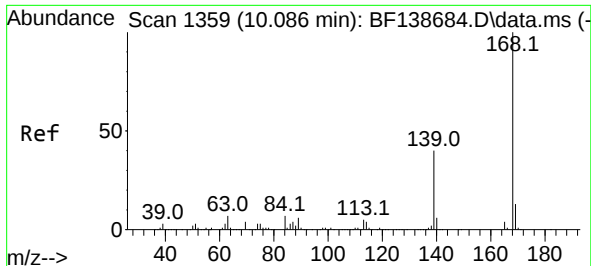
Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Tgt Ion:184 Resp: 7053

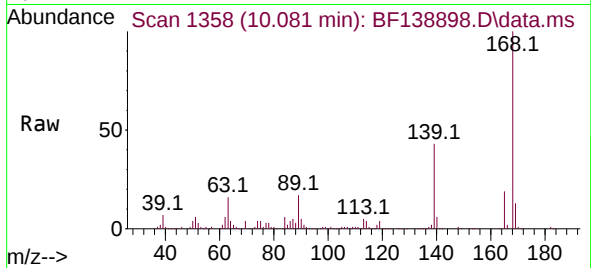
Ion	Ratio	Lower	Upper
184	100		
63	94.3	57.5	86.3#
154	89.4	51.7	77.5#





#55
Dibenzofuran
Concen: 52.398 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

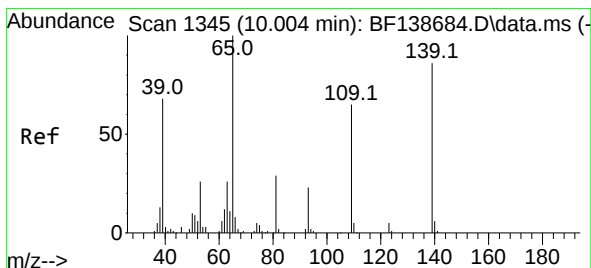
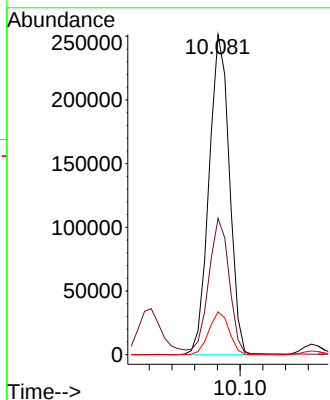
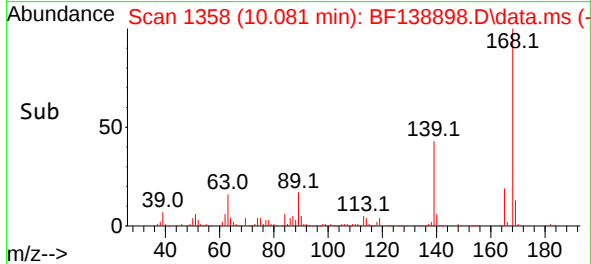
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:168 Resp: 312310
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 13.4 10.7 16.1

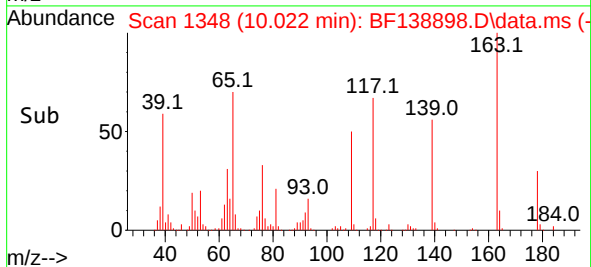
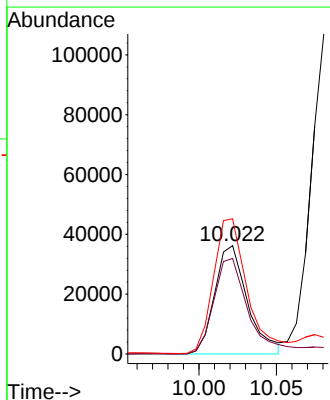
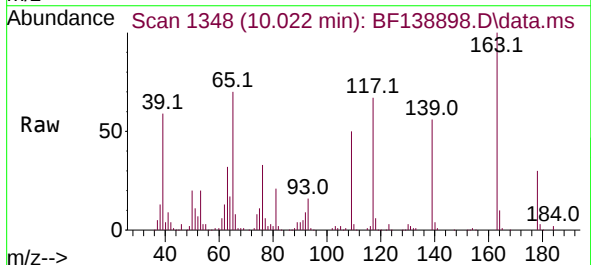
Manual Integrations
APPROVED

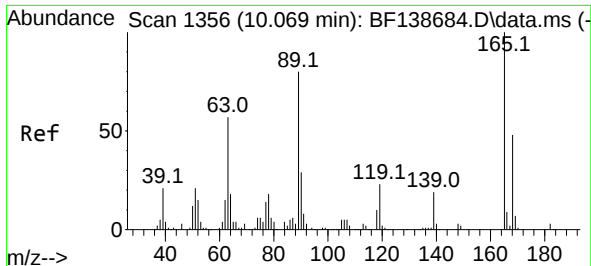
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#56
4-Nitrophenol
Concen: 78.209 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:139 Resp: 53345
Ion Ratio Lower Upper
139 100
109 88.2 55.5 95.5
65 124.9 96.7 136.7





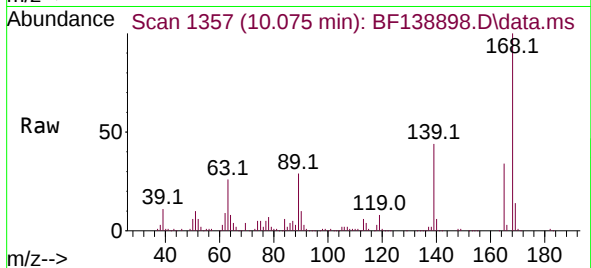
#57
2,4-Dinitrotoluene
Concen: 51.116 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



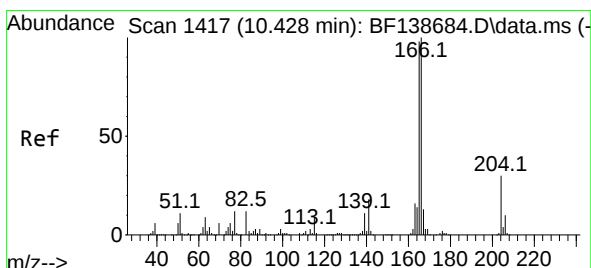
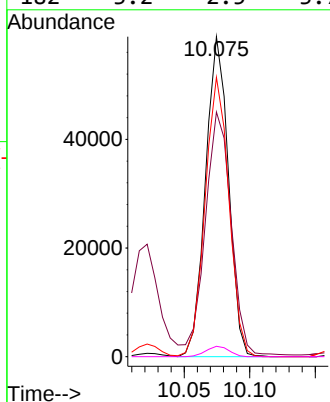
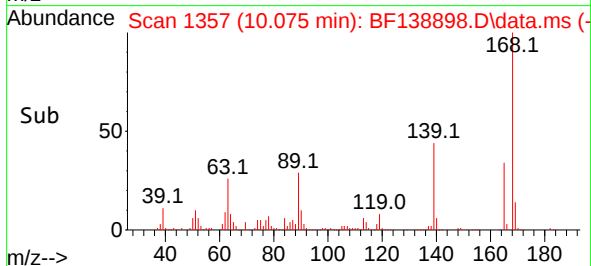
Tgt Ion:165 Resp: 71554
Ion Ratio Lower Upper
165 100
63 76.4 46.3 69.5
89 87.3 64.2 96.4
182 3.2 2.5 3.7

Manual Integrations

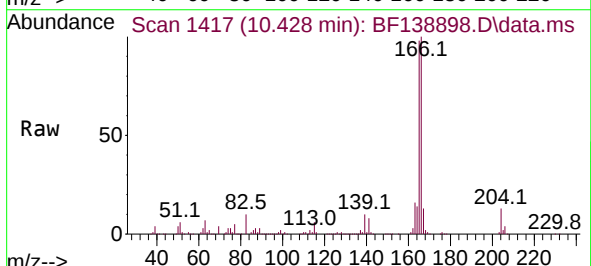
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

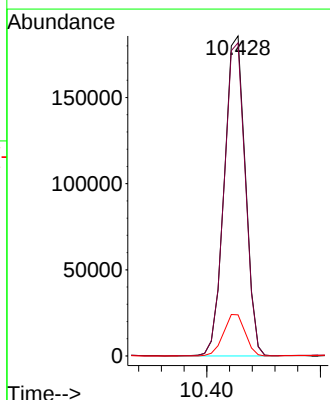
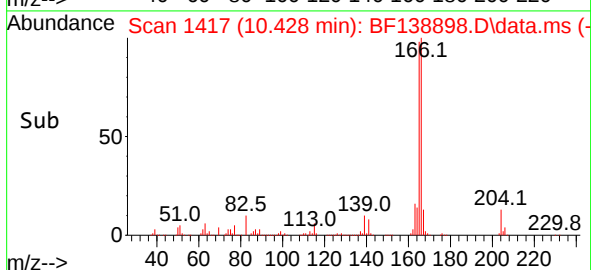
Supervised By :mohammad ahmed 08/12/2024

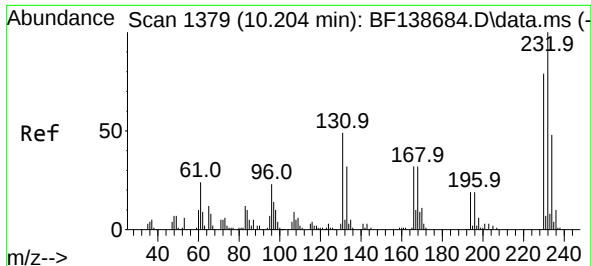


#58
Fluorene
Concen: 50.456 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



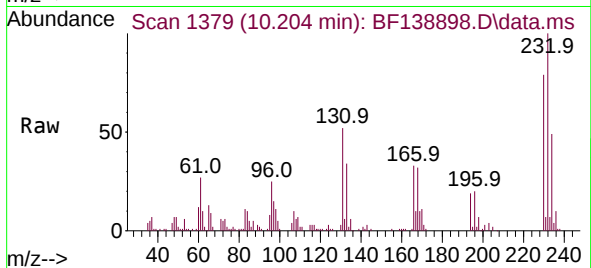
Tgt Ion:166 Resp: 239492
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 12.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.559 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

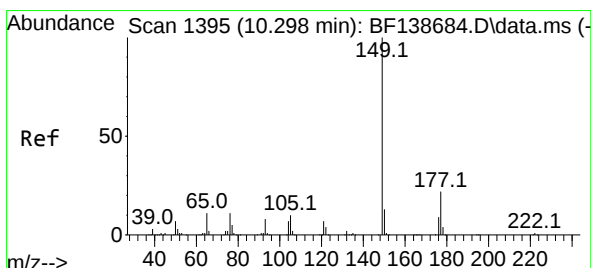
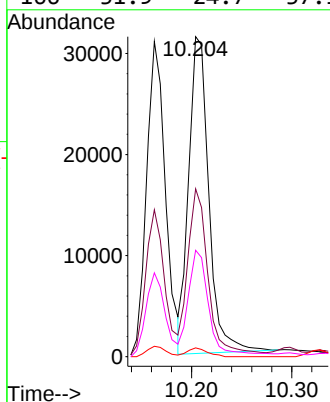
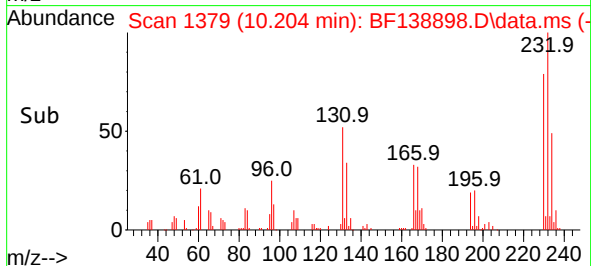
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:232 Resp: 43654
Ion Ratio Lower Upper
232 100
131 53.6 37.0 55.4
130 2.7 2.0 3.0
166 31.9 24.7 37.1

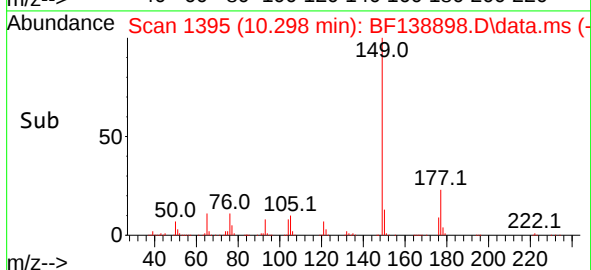
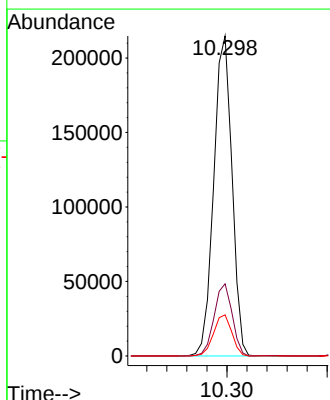
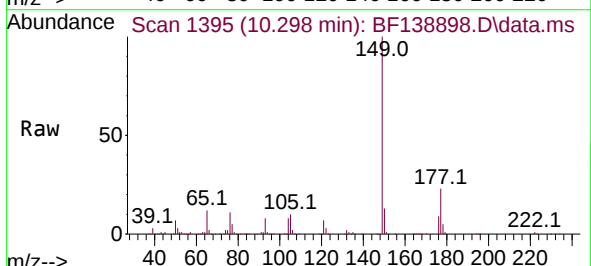
Manual Integrations
APPROVED

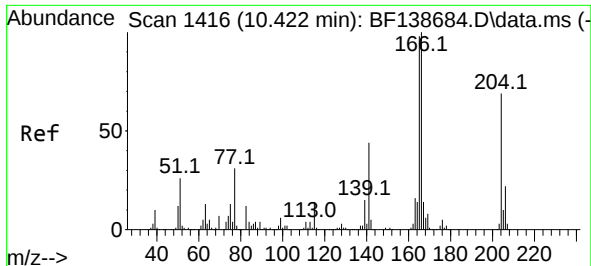
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#60
Diethylphthalate
Concen: 58.777 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

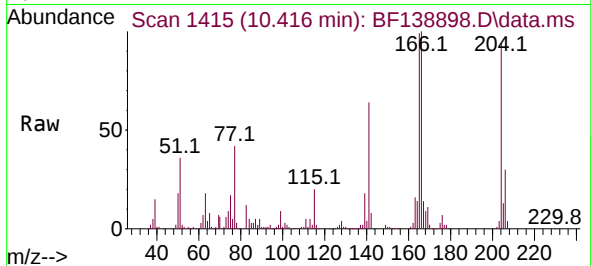
Tgt Ion:149 Resp: 270945
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.237 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

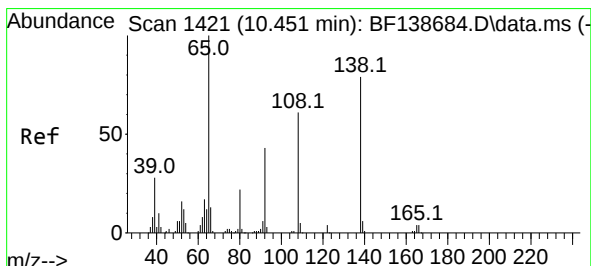
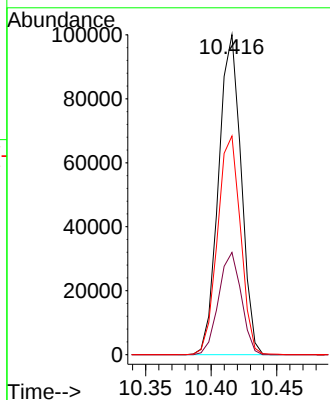
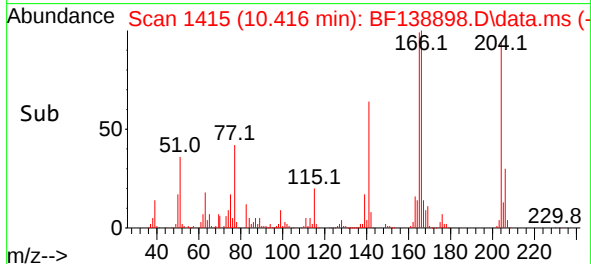
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:204 Resp: 119609
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 68.4 51.4 77.0

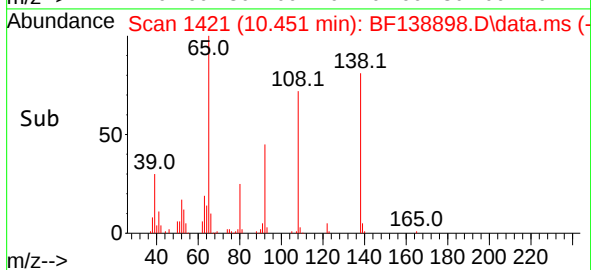
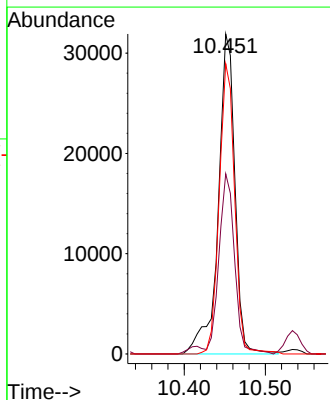
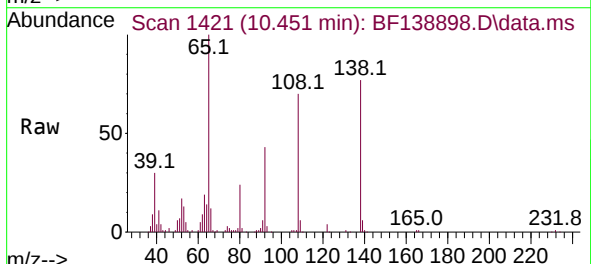
Manual Integrations
APPROVED

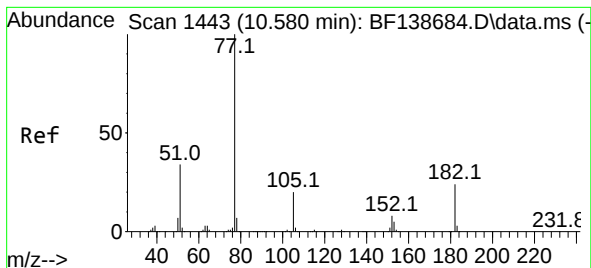
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#62
4-Nitroaniline
Concen: 42.428 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:138 Resp: 45733
Ion Ratio Lower Upper
138 100
92 56.3 34.2 74.2
108 90.7 56.2 96.2





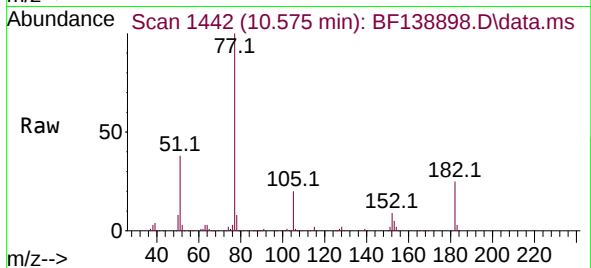
#63
Azobenzene
Concen: 48.804 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



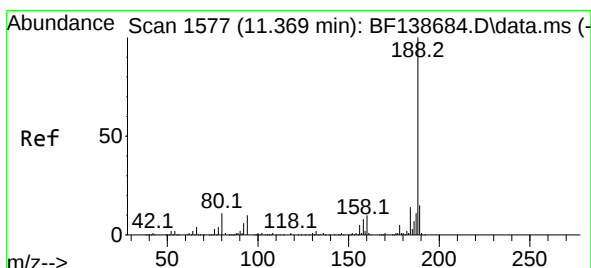
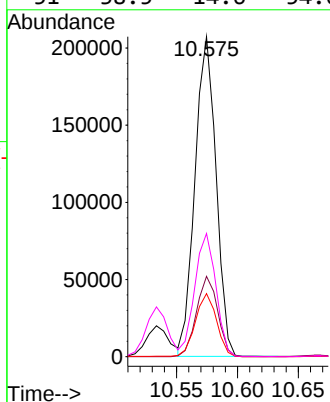
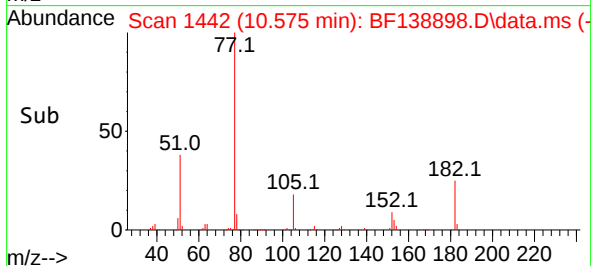
Tgt Ion: 77 Resp: 249518
Ion Ratio Lower Upper
77 100
182 25.1 3.4 43.4
105 19.7 0.2 40.2
51 38.5 14.6 54.6

Manual Integrations

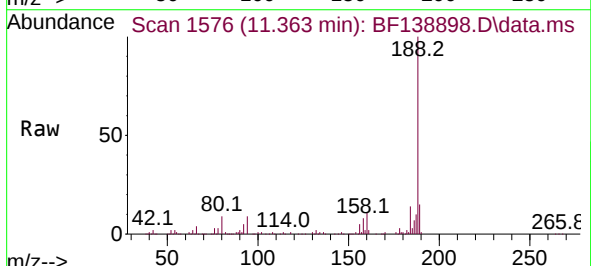
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

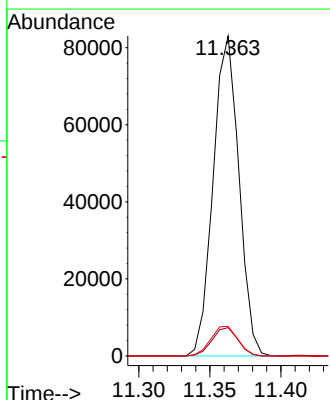
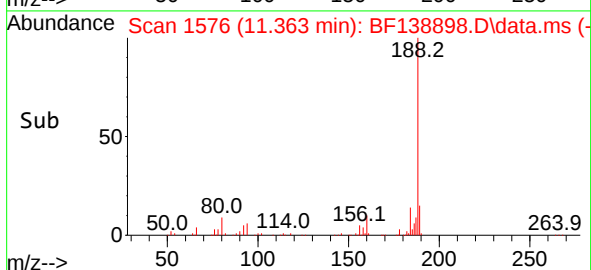
Supervised By :mohammad ahmed 08/12/2024

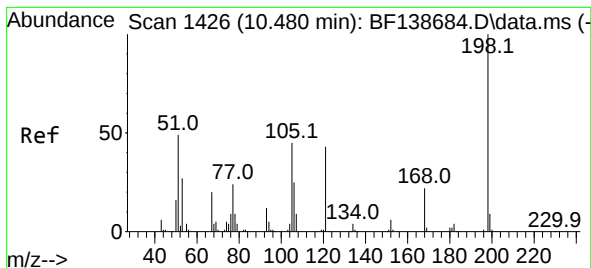


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



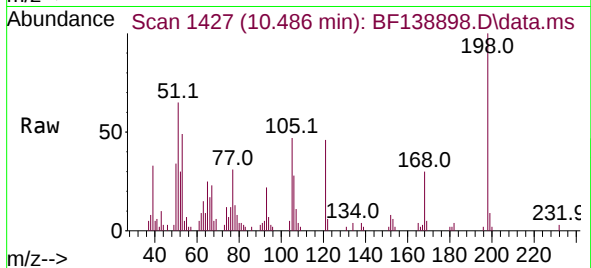
Tgt Ion:188 Resp: 104468
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.2 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 18.445 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

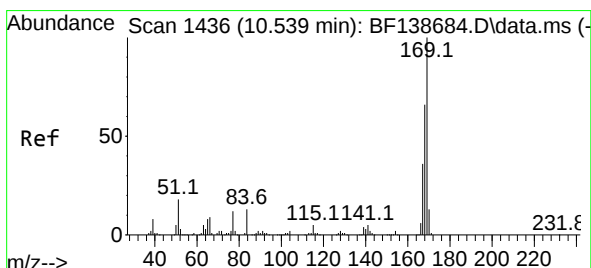
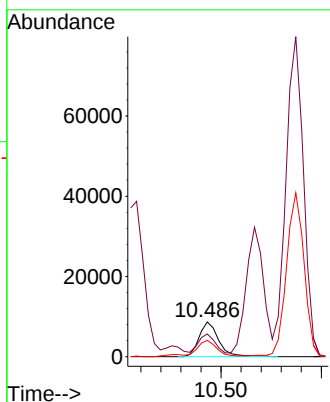
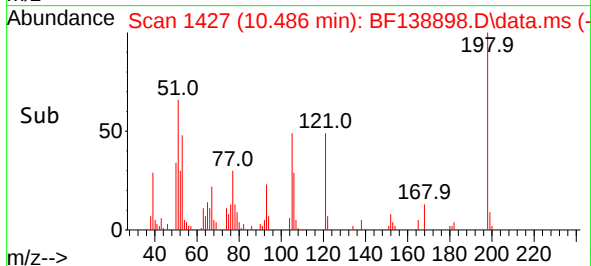
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:198 Resp: 11750
Ion Ratio Lower Upper
198 100
51 65.4 39.9 79.9
105 46.7 26.1 66.1

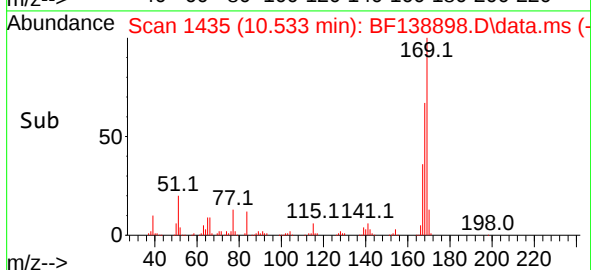
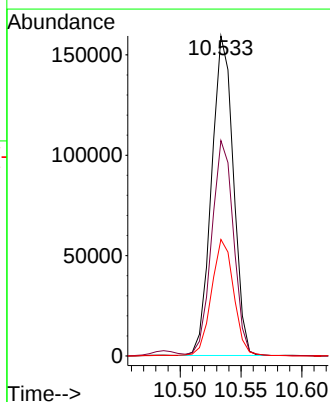
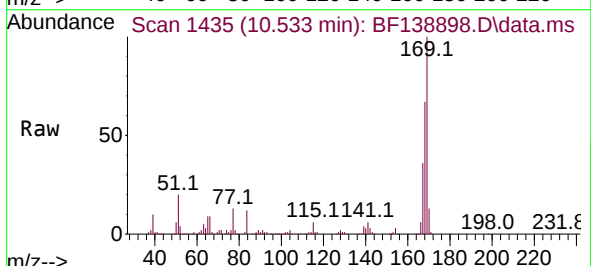
Manual Integrations
APPROVED

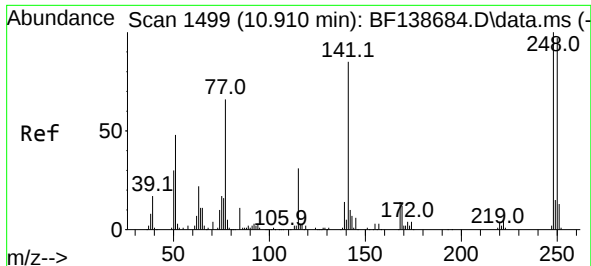
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#66
n-Nitrosodiphenylamine
Concen: 60.769 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

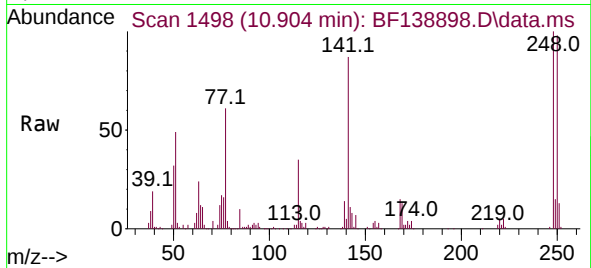
Tgt Ion:169 Resp: 198438
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 56.371 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

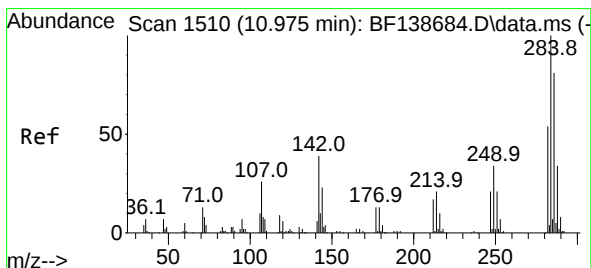
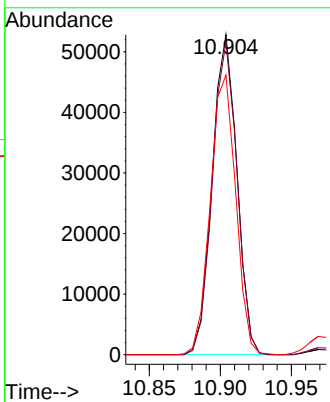
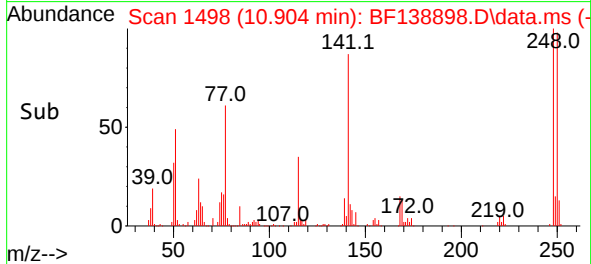
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:248 Resp: 63759
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 87.4 68.0 102.0

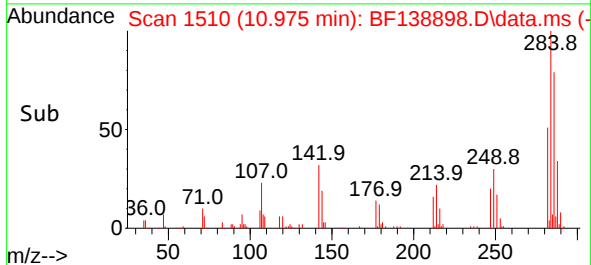
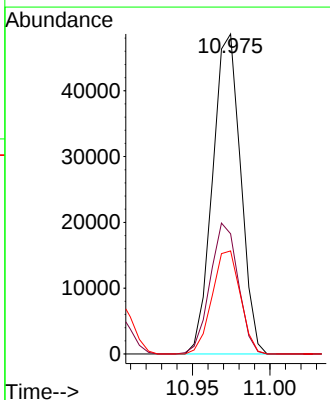
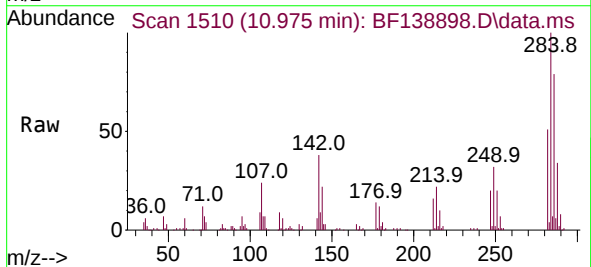
Manual Integrations
APPROVED

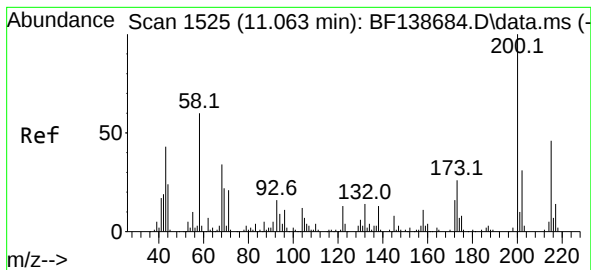
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#68
Hexachlorobenzene
Concen: 52.401 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:284 Resp: 61195
Ion Ratio Lower Upper
284 100
142 37.5 31.3 46.9
249 32.2 27.2 40.8





#69

Atrazine

Concen: 68.497 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138898.D

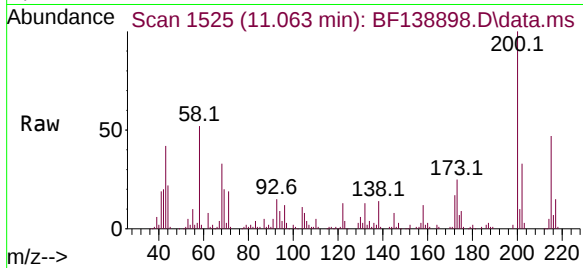
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



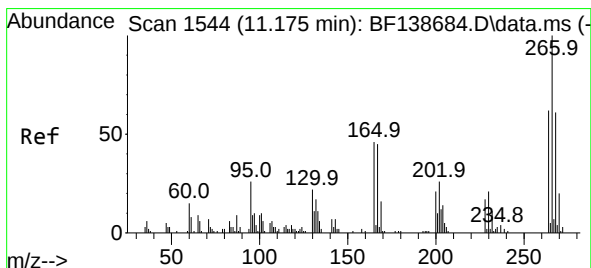
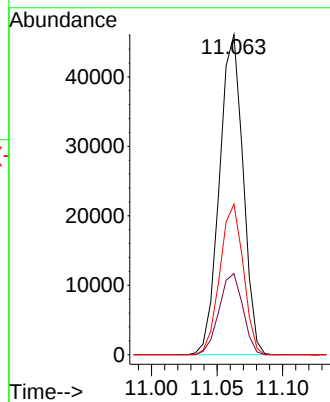
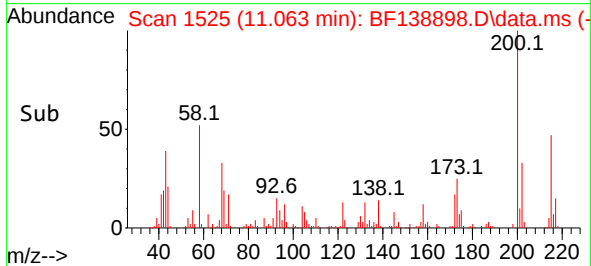
Tgt Ion:	200	Resp:	57708
Ion Ratio	Lower	Upper	
200	100		
173	25.4	6.0	46.0
215	47.0	26.1	66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#70

Pentachlorophenol

Concen: 66.352 ng

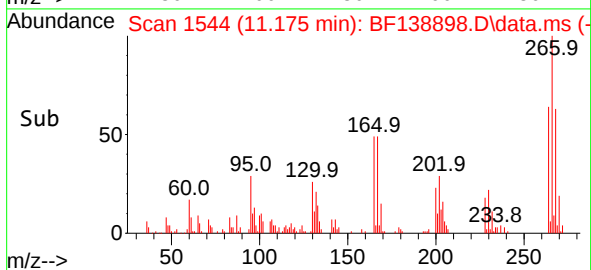
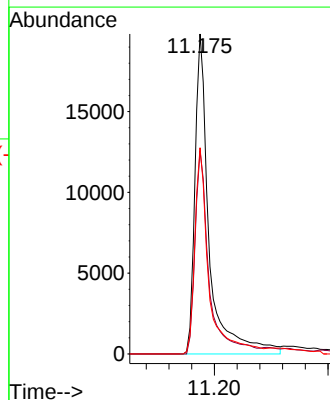
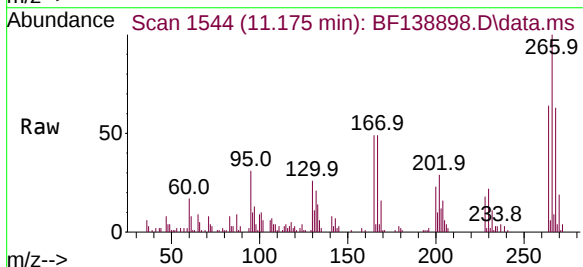
RT: 11.175 min Scan# 1544

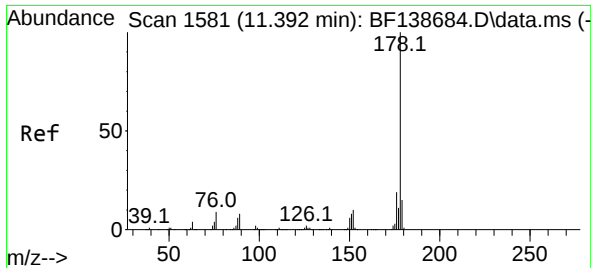
Delta R.T. -0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

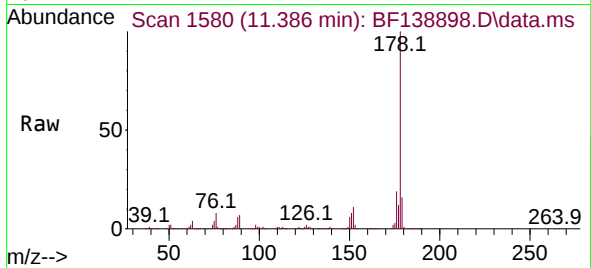
Tgt Ion:	266	Resp:	34927
Ion Ratio	Lower	Upper	
266	100		
268	63.5	49.2	73.8
264	64.5	49.8	74.6





#71
Phenanthrene
Concen: 58.807 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

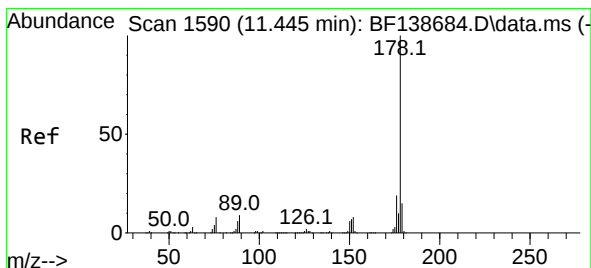
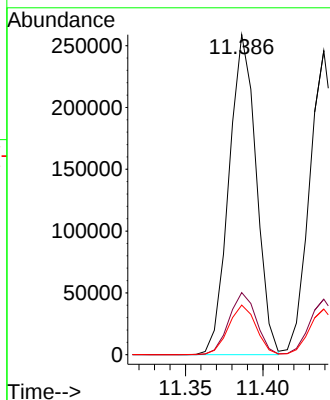
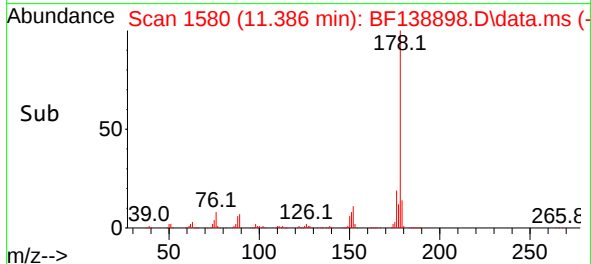
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:178 Resp: 316338
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.2 18.2

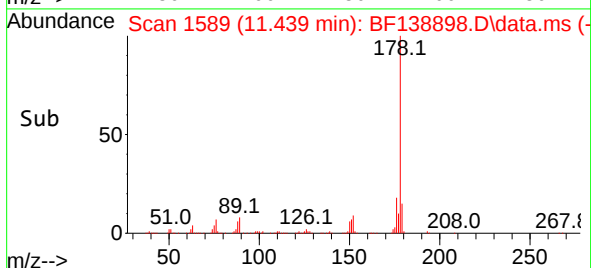
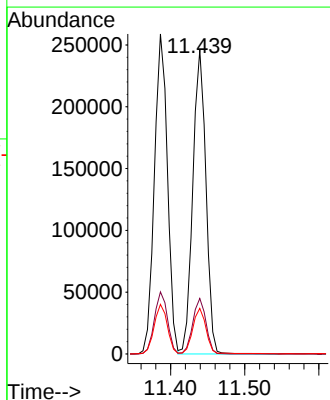
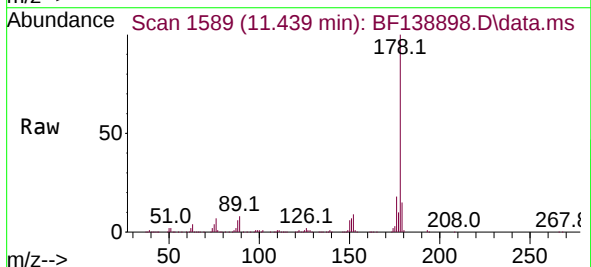
Manual Integrations
APPROVED

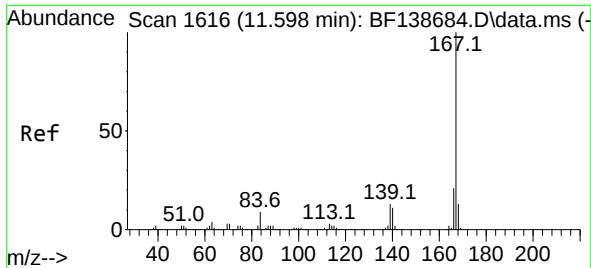
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#72
Anthracene
Concen: 57.081 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

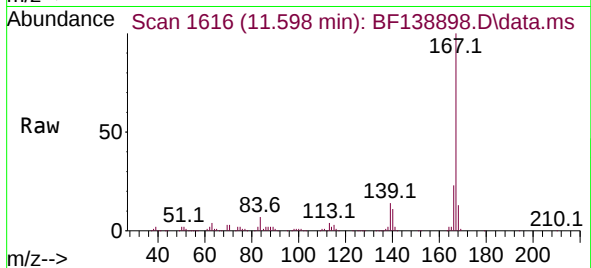
Tgt Ion:178 Resp: 302491
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.0 12.4 18.6





#73
 Carbazole
 Concen: 53.414 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138898.D
 Acq: 09 Aug 2024 20:06

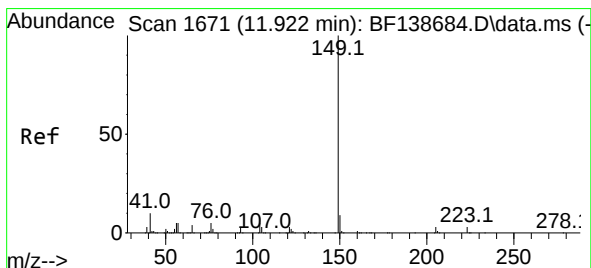
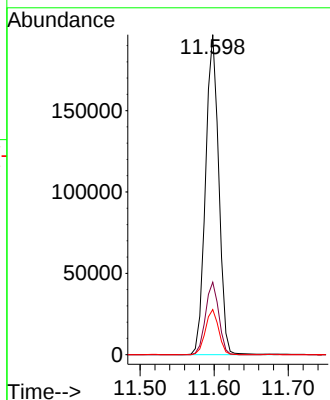
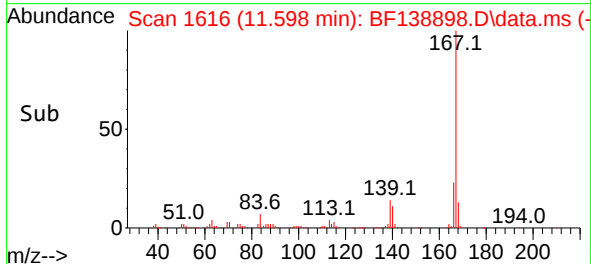
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080724MSD



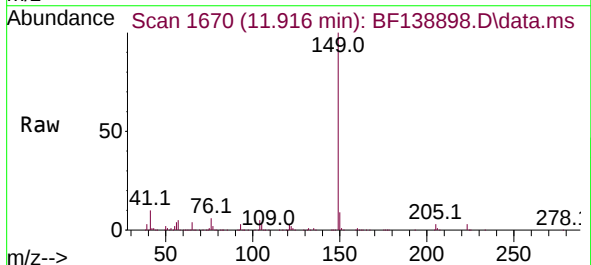
Tgt Ion:167 Resp: 244200
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 14.1 10.6 16.0

Manual Integrations
 APPROVED

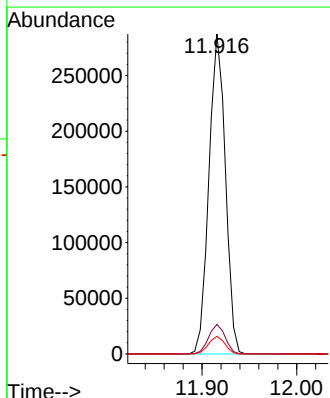
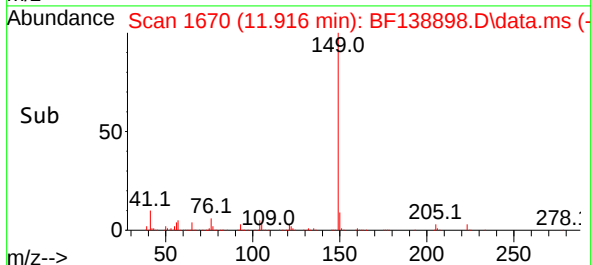
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

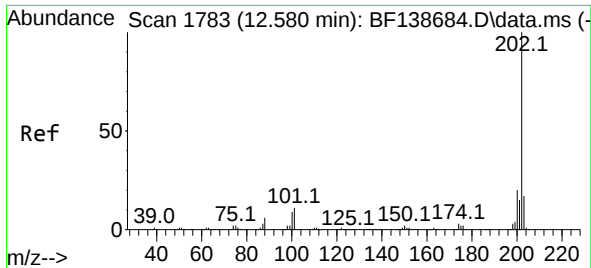


#74
 Di-n-butylphthalate
 Concen: 67.330 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138898.D
 Acq: 09 Aug 2024 20:06



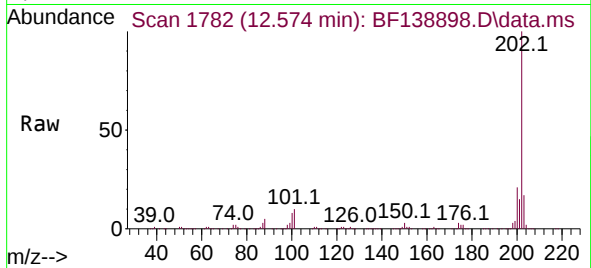
Tgt Ion:149 Resp: 346054
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 61.931 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

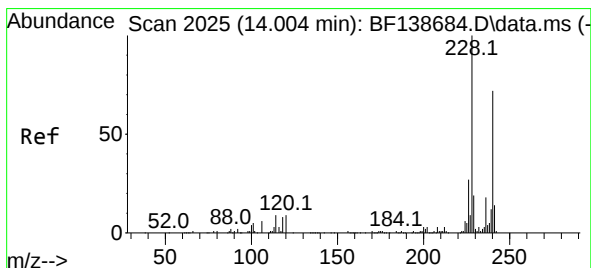
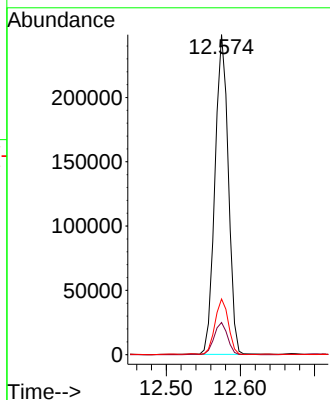
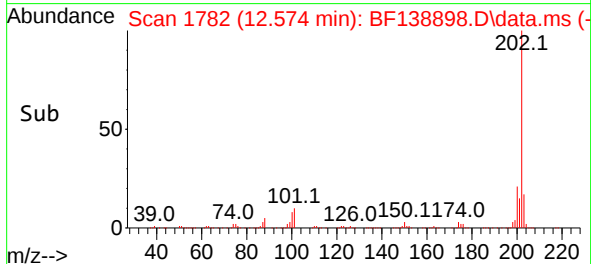
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



Tgt Ion:202 Resp: 31101
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.4 0.0 37.3

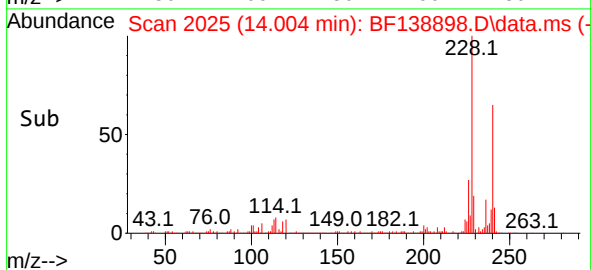
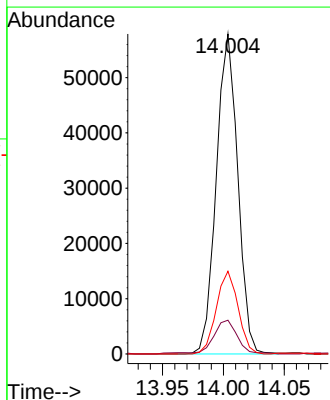
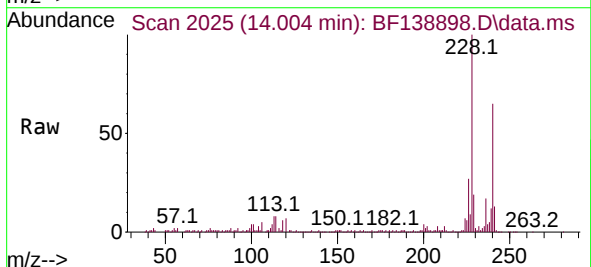
Manual Integrations
APPROVED

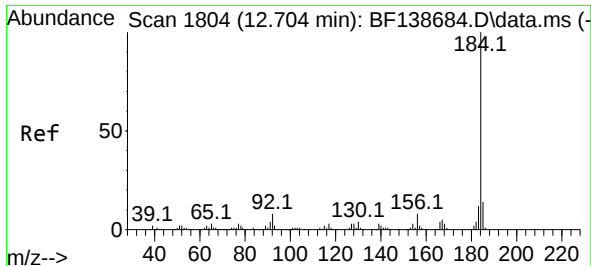
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

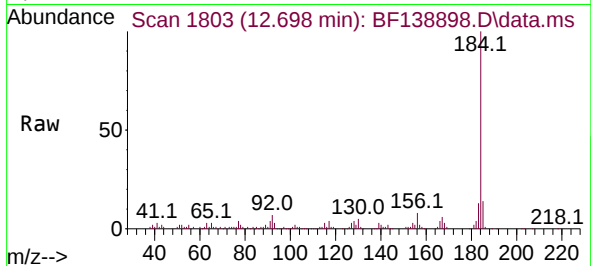
Tgt Ion:240 Resp: 71094
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 25.8 19.8 29.8





#77
Benzidine
Concen: 61.357 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

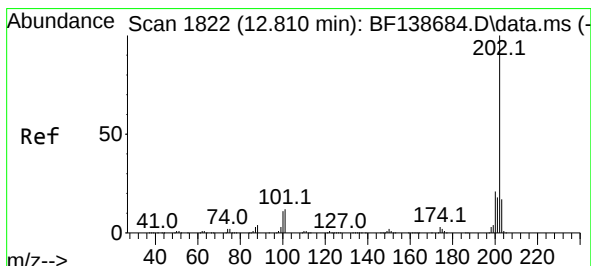
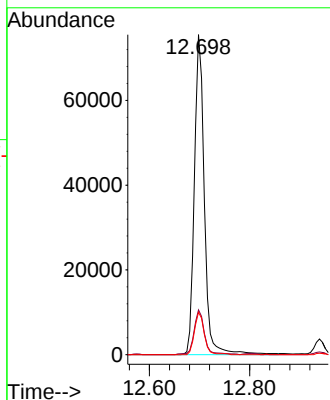
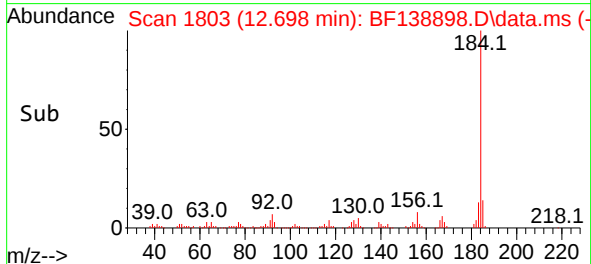
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



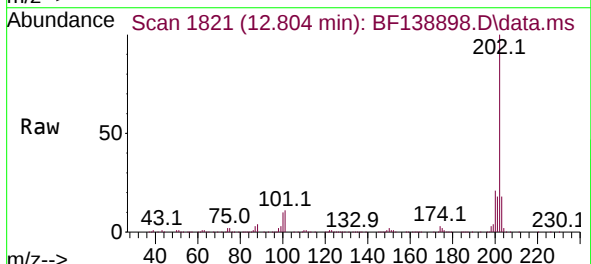
Tgt Ion:184 Resp: 104334
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 13.2 9.6 14.4

Manual Integrations
APPROVED

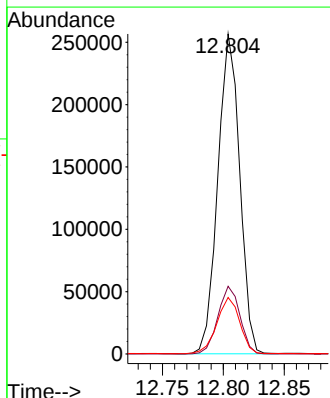
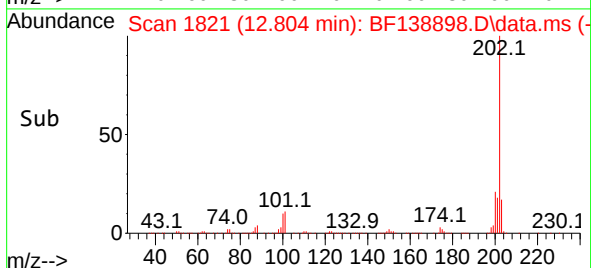
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

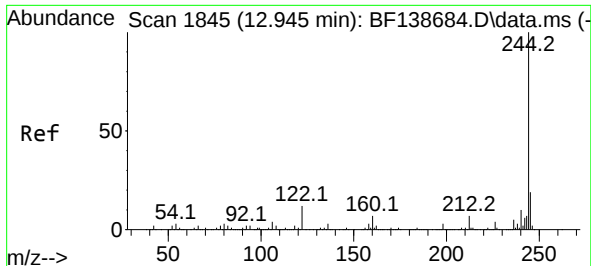


#78
Pyrene
Concen: 47.901 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:202 Resp: 320639
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.6 13.8 20.6





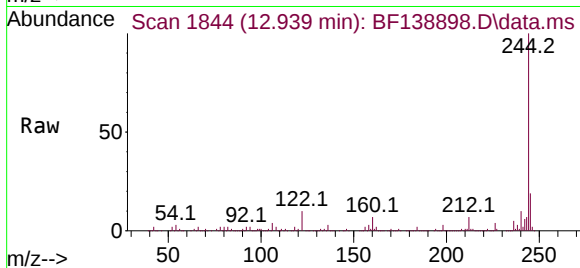
#79
 Terphenyl-d14
 Concen: 70.773 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138898.D
 Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

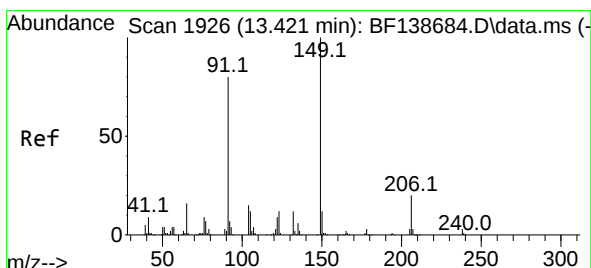
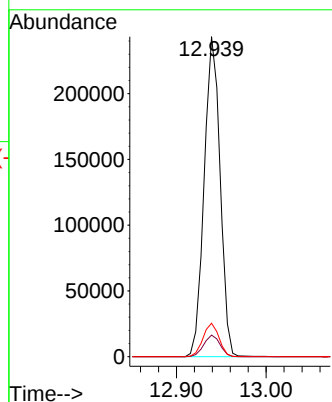
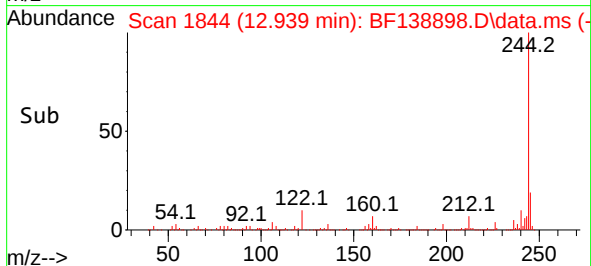


Tgt Ion:244 Resp: 300520
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.5 9.6 14.4

Manual Integrations

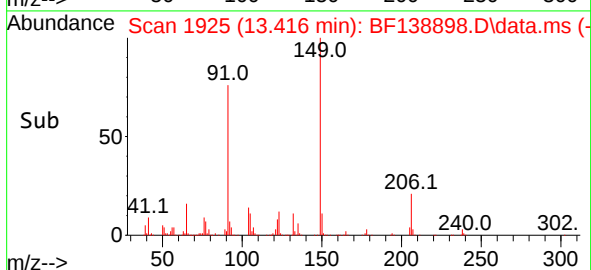
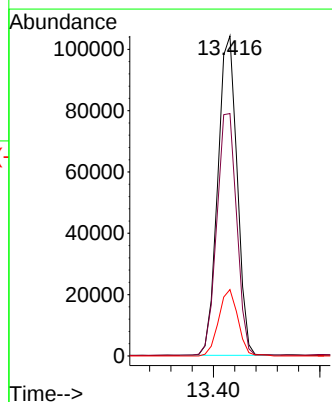
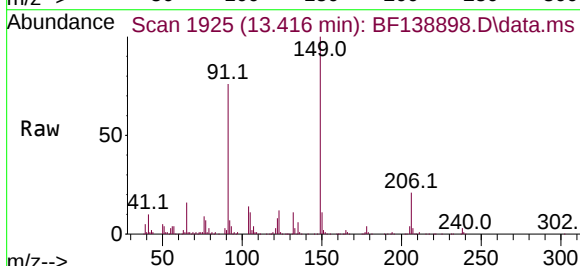
APPROVED

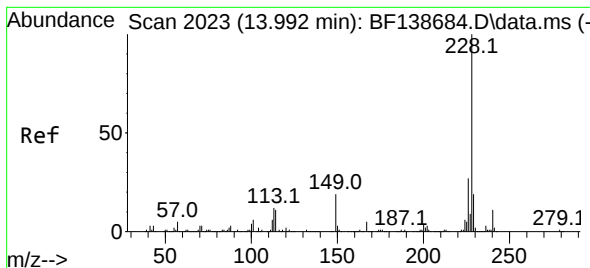
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#80
 Butylbenzylphthalate
 Concen: 61.085 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138898.D
 Acq: 09 Aug 2024 20:06

Tgt Ion:149 Resp: 130936
 Ion Ratio Lower Upper
 149 100
 91 75.8 63.7 95.5
 206 20.7 16.2 24.2





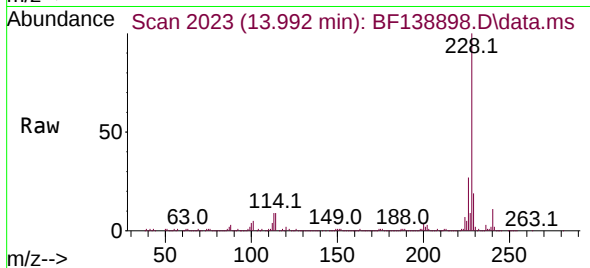
#81
Benzo(a)anthracene
Concen: 55.314 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



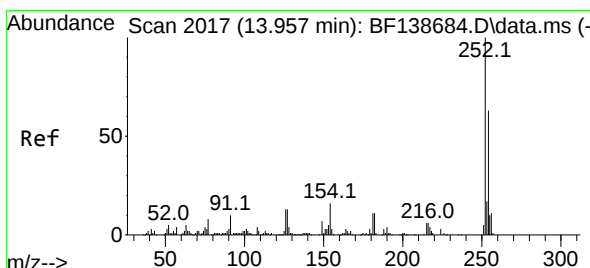
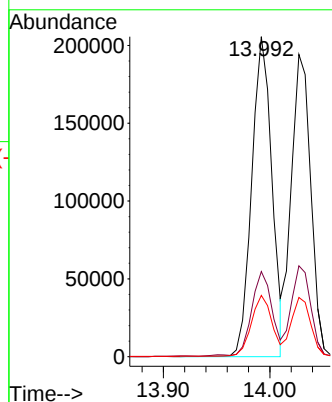
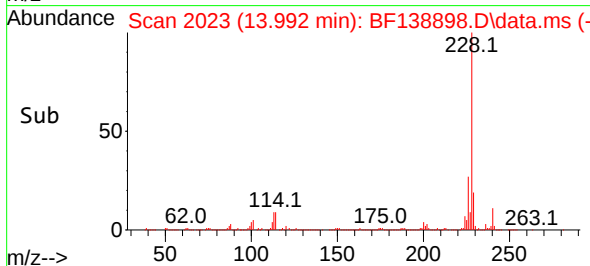
Tgt Ion:228 Resp: 270798
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.2 15.4 23.0

Manual Integrations

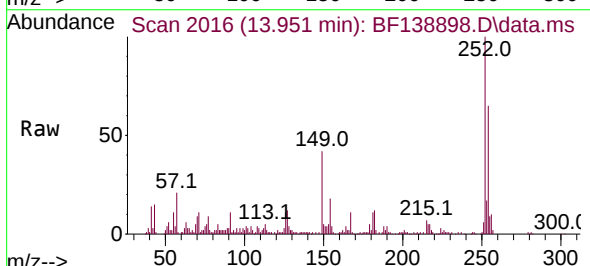
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

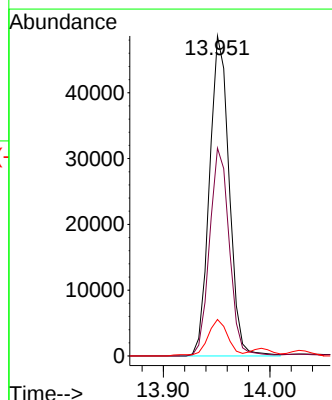
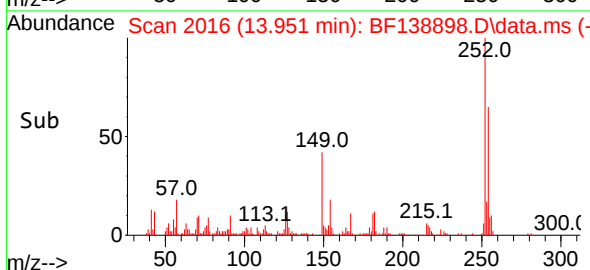
Supervised By :mohammad ahmed 08/12/2024

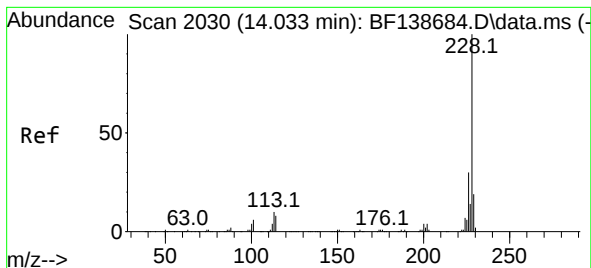


#82
3,3'-Dichlorobenzidine
Concen: 49.713 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:252 Resp: 62282
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 11.4 10.2 15.2





#83

Chrysene

Concen: 55.539 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138898.D

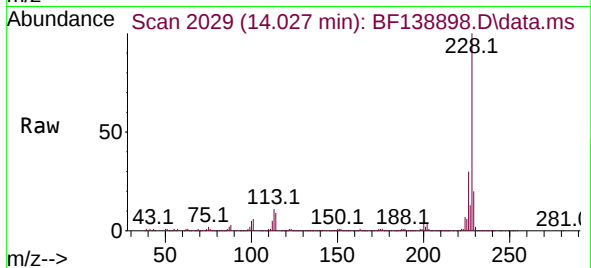
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



Tgt Ion:228 Resp: 245309

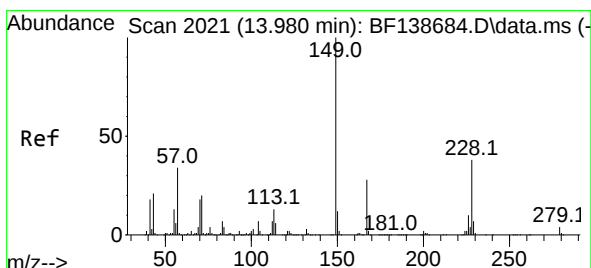
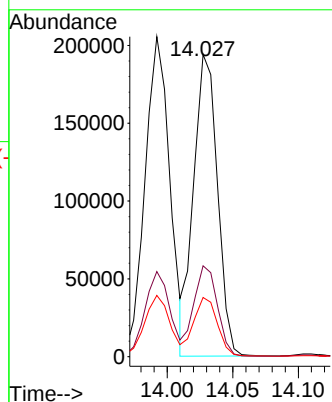
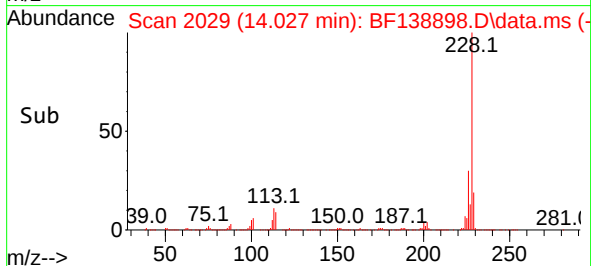
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.6	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.774 ng

RT: 13.968 min Scan# 2019

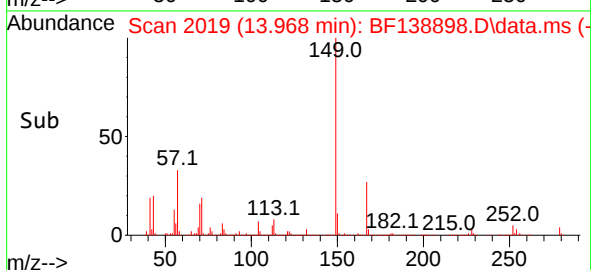
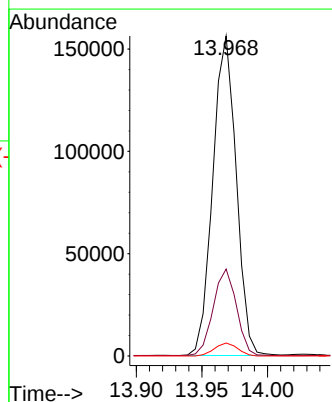
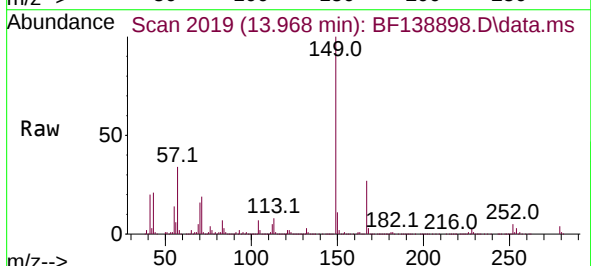
Delta R.T. -0.012 min

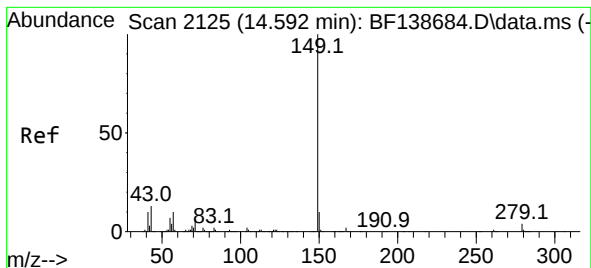
Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Tgt Ion:149 Resp: 193897

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.4
279	4.0	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 52.362 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138898.D

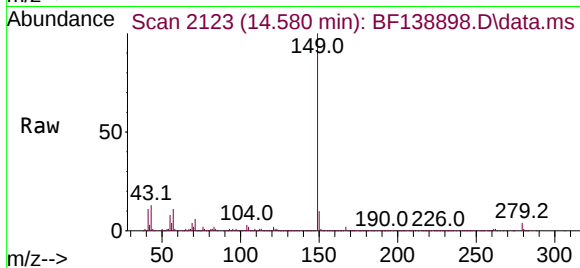
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD



Tgt Ion:149 Resp: 30408

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

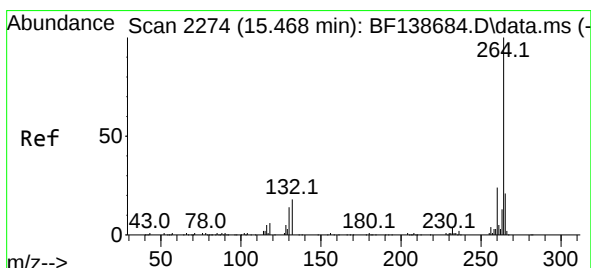
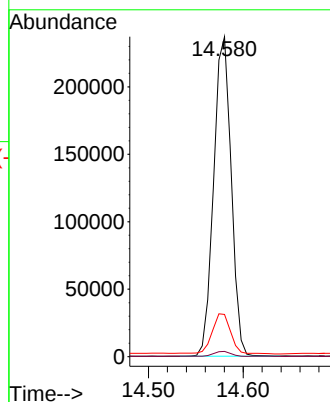
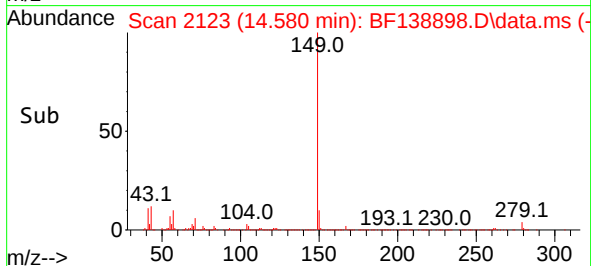
43 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

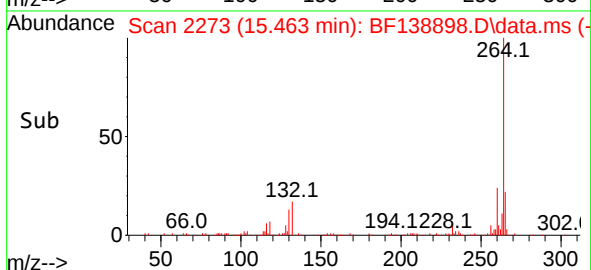
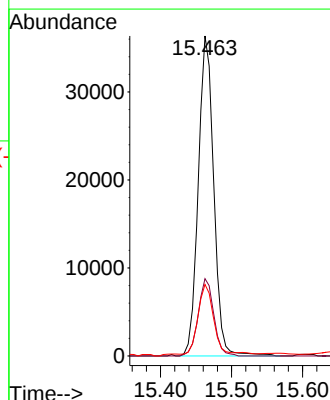
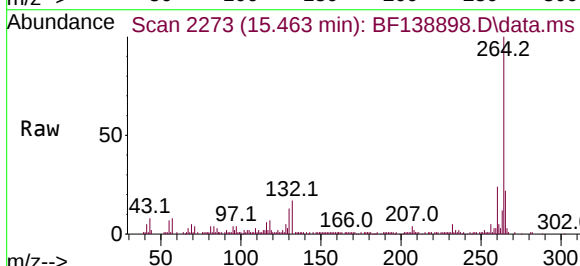
Tgt Ion:264 Resp: 55254

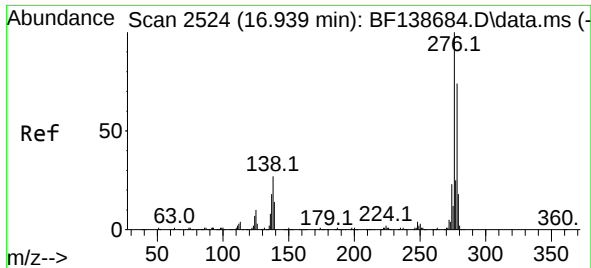
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.4 17.0 25.6





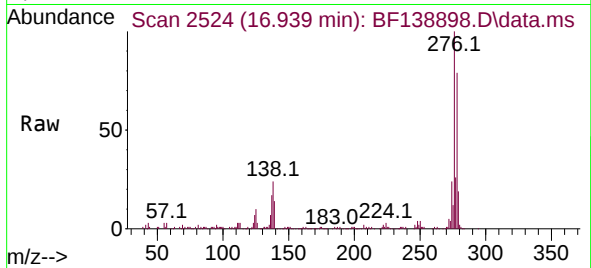
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.416 ng
RT: 16.939 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

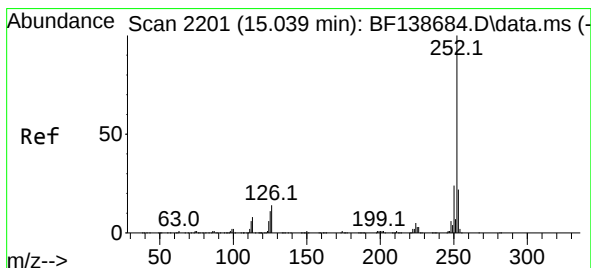
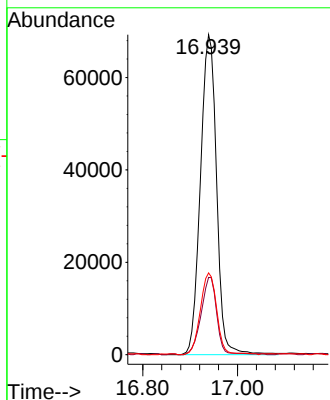
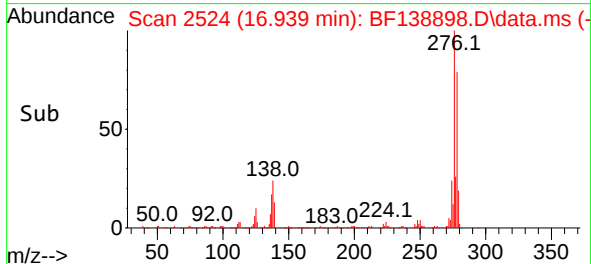


Tgt Ion:276 Resp: 16399
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
277 26.0 20.6 30.8

Manual Integrations

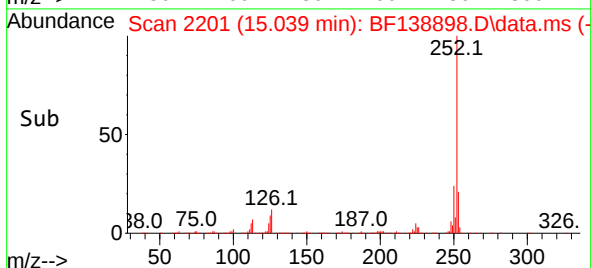
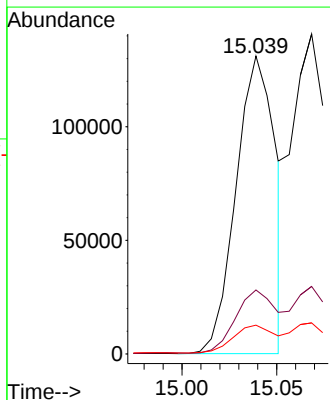
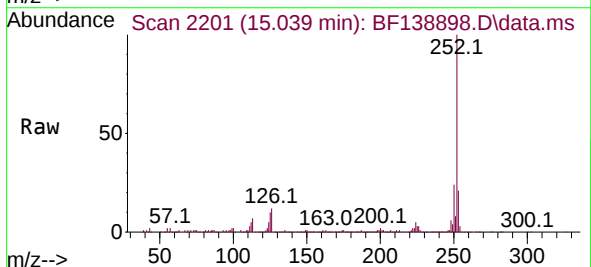
APPROVED

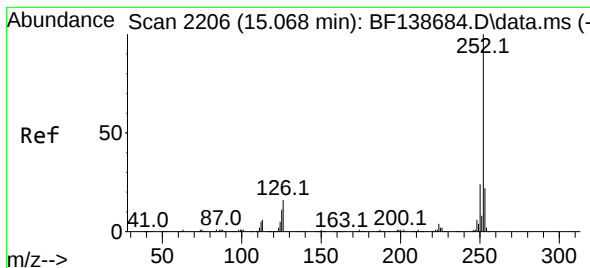
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#88
Benzo(b)fluoranthene
Concen: 55.003 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

Tgt Ion:252 Resp: 188396
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 63.475 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724MSD

Tgt Ion:252 Resp: 18824

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

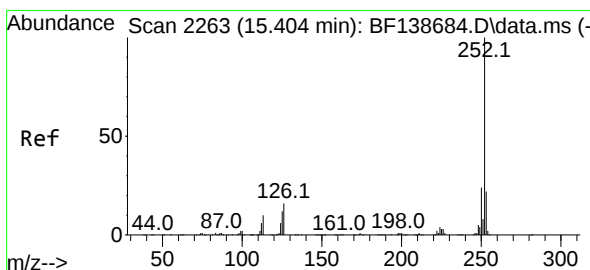
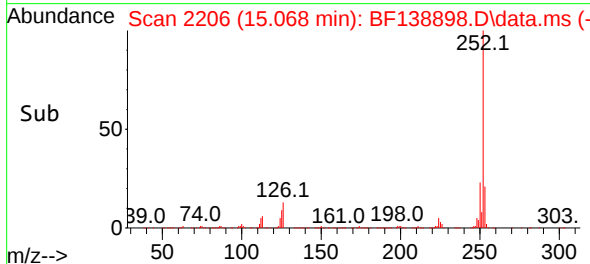
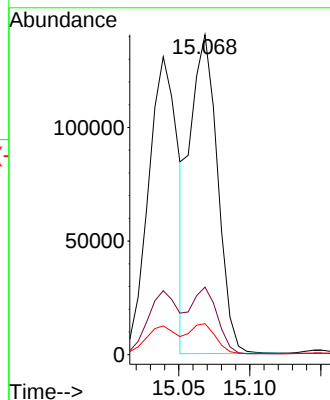
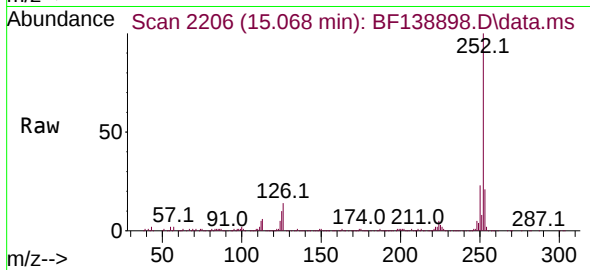
125 9.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#90

Benzo(a)pyrene

Concen: 56.949 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138898.D

Acq: 09 Aug 2024 20:06

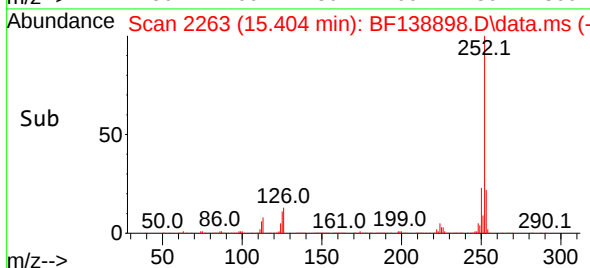
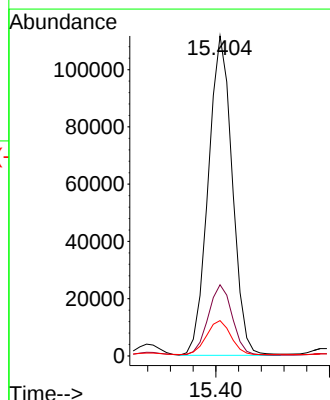
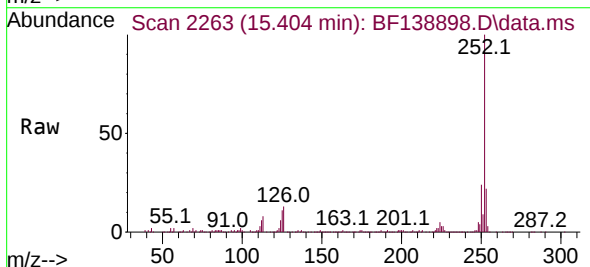
Tgt Ion:252 Resp: 164076

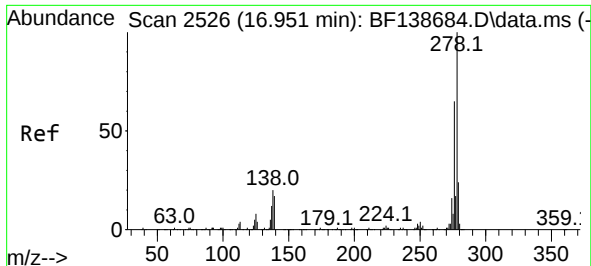
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

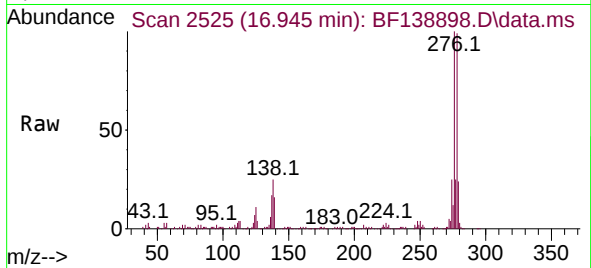
125 11.1 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 39.616 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06

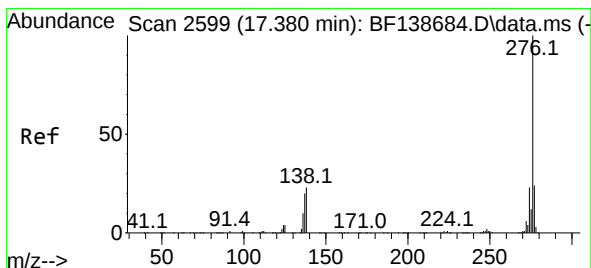
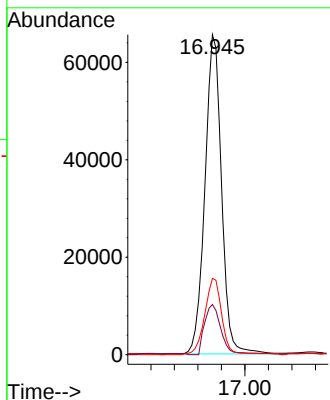
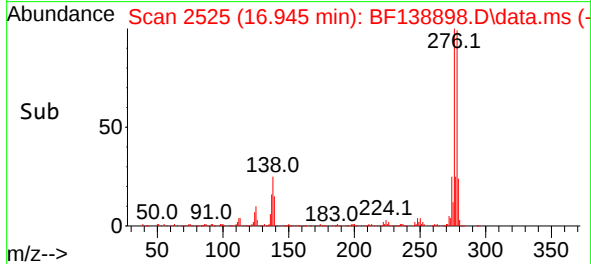
Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD



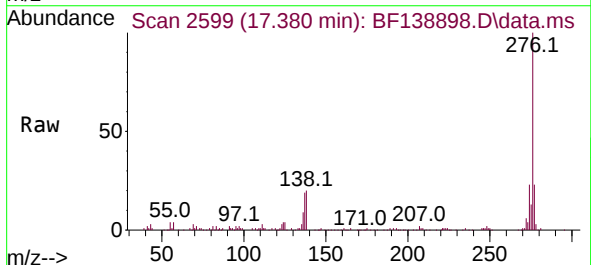
Tgt Ion:278 Resp: 12876
Ion Ratio Lower Upper
278 100
139 15.7 14.0 21.0
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#92
Benzo(g,h,i)perylene
Concen: 36.942 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF138898.D
Acq: 09 Aug 2024 20:06



Tgt Ion:276 Resp: 124605
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 20.2 18.5 27.7

