

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138698.D
 Acq On : 31 Jul 2024 12:59
 Operator : RC/JU
 Sample : P3393-13MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD

Quant Time: Jul 31 13:23:18 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 :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68277	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	267480	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	136590	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	208858	20.000	ng	0.00
76) Chrysene-d12	14.010	240	140105	20.000	ng	0.00
86) Perylene-d12	15.468	264	171938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	476198	107.662	ng	0.00
7) Phenol-d6	6.487	99	620895	104.555	ng	0.00
23) Nitrobenzene-d5	7.410	82	389198	71.140	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	116090	103.758	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	617245	67.897	ng	0.00
79) Terphenyl-d14	12.951	244	557077	66.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	71823	37.090	ng	100
3) Pyridine	3.393	79	189090	40.310	ng	97
4) n-Nitrosodimethylamine	3.340	42	137264	49.131	ng	99
6) Aniline	6.510	93	240698	45.449	ng	96
8) 2-Chlorophenol	6.634	128	225467	48.450	ng	98
9) Benzaldehyde	6.398	77	12272	3.447	ng	98
10) Phenol	6.498	94	294660	47.127	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	226946	47.168	ng	100
12) 1,3-Dichlorobenzene	6.787	146	236846	45.467	ng	99
13) 1,4-Dichlorobenzene	6.863	146	243333	46.288	ng	99
14) 1,2-Dichlorobenzene	7.016	146	227406	46.287	ng	99
15) Benzyl Alcohol	6.987	79	208284	48.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	392138	47.357	ng	91
17) 2-Methylphenol	7.104	107	179251	46.647	ng	95
18) Hexachloroethane	7.351	117	91775	46.378	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	169565	47.276	ng	98
20) 3+4-Methylphenols	7.257	107	222006	45.029	ng	92
22) Acetophenone	7.257	105	294111	44.908	ng	100
24) Nitrobenzene	7.428	77	255707	45.932	ng	97
25) Isophorone	7.669	82	452444	48.432	ng	100
26) 2-Nitrophenol	7.745	139	120626	50.363	ng	99
27) 2,4-Dimethylphenol	7.781	122	151757	52.957	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	275277	48.389	ng	100
29) 2,4-Dichlorophenol	7.987	162	177807	48.286	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	197570	46.492	ng	99
31) Naphthalene	8.145	128	660957	46.945	ng	99
32) Benzoic acid	7.910	122	87781	38.968	ng	97
33) 4-Chloroaniline	8.198	127	166505	35.231	ng	99
34) Hexachlorobutadiene	8.263	225	119609	46.469	ng	98
35) Caprolactam	8.569	113	50927m	46.349	ng	
36) 4-Chloro-3-methylphenol	8.687	107	197594	46.952	ng	99
37) 2-Methylnaphthalene	8.839	142	414530	46.619	ng	99
38) 1-Methylnaphthalene	8.934	142	380928	43.719	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	173164	45.638	ng	99
41) Hexachlorocyclopentadiene	8.986	237	159467	151.925	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	115617	49.976	ng	96

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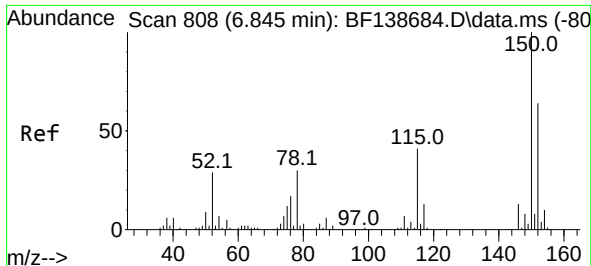
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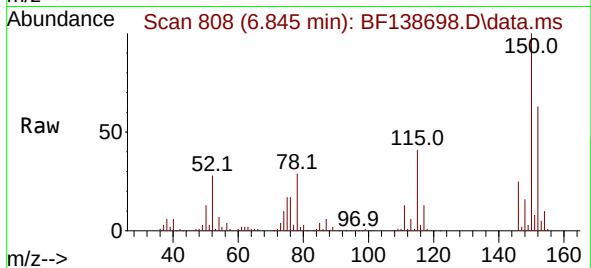
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	118457	46.838	ng	99
46) 1,1'-Biphenyl	9.304	154	481385	45.000	ng	100
47) 2-Chloronaphthalene	9.328	162	376324	47.300	ng	99
48) 2-Nitroaniline	9.428	65	129355	47.959	ng	98
49) Acenaphthylene	9.745	152	586183	51.948	ng	99
50) Dimethylphthalate	9.604	163	427434	48.940	ng	100
51) 2,6-Dinitrotoluene	9.669	165	93892	47.636	ng	99
52) Acenaphthene	9.916	154	357983	47.194	ng	99
53) 3-Nitroaniline	9.839	138	67982	33.364	ng	98
54) 2,4-Dinitrophenol	9.951	184	86776	95.638	ng	92
55) Dibenzofuran	10.086	168	509833	47.614	ng	99
56) 4-Nitrophenol	10.010	139	118115	96.395	ng	99
57) 2,4-Dinitrotoluene	10.075	165	119451	47.500	ng	96
58) Fluorene	10.428	166	401846	47.127	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	93211	48.208	ng	98
60) Diethylphthalate	10.304	149	398841	48.163	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	196035	46.746	ng	99
62) 4-Nitroaniline	10.451	138	91413	47.208	ng	97
63) Azobenzene	10.581	77	444124	48.356	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	65910	51.726	ng	97
66) n-Nitrosodiphenylamine	10.539	169	340250	52.118	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	112586	49.789	ng	100
68) Hexachlorobenzene	10.975	284	114544	49.060	ng	99
69) Atrazine	11.069	200	95011	56.408	ng	99
70) Pentachlorophenol	11.175	266	102085	97.003	ng	98
71) Phenanthrene	11.392	178	542635	50.456	ng	100
72) Anthracene	11.445	178	559408	52.801	ng	100
73) Carbazole	11.598	167	463088	50.663	ng	99
74) Di-n-butylphthalate	11.927	149	578055	56.256	ng	100
75) Fluoranthene	12.580	202	522106	52.003	ng	100
77) Benzidine	12.704	184	202483	60.423	ng	99
78) Pyrene	12.810	202	524267	39.743	ng	100
80) Butylbenzylphthalate	13.422	149	225622	53.411	ng	99
81) Benzo(a)anthracene	13.998	228	487888	50.569	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	134511	54.481	ng	99
83) Chrysene	14.033	228	446423	51.288	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	325363	52.599	ng	100
85) Di-n-octyl phthalate	14.592	149	593524	51.861	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	588886	47.793	ng	99
88) Benzo(b)fluoranthene	15.045	252	546436	51.268	ng	99
89) Benzo(k)fluoranthene	15.074	252	428739	46.459	ng	100
90) Benzo(a)pyrene	15.410	252	466970	52.086	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	473806	46.844	ng	99
92) Benzo(g,h,i)perylene	17.392	276	459560	43.785	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138698.D
 Acq: 31 Jul 2024 12:59

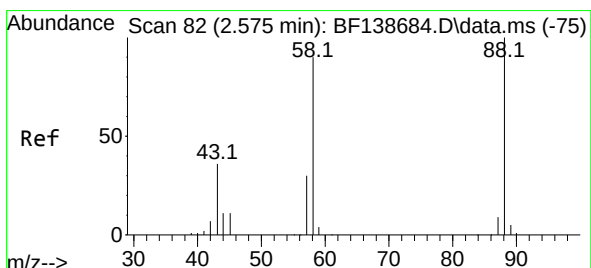
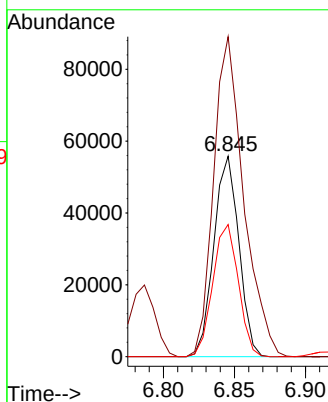
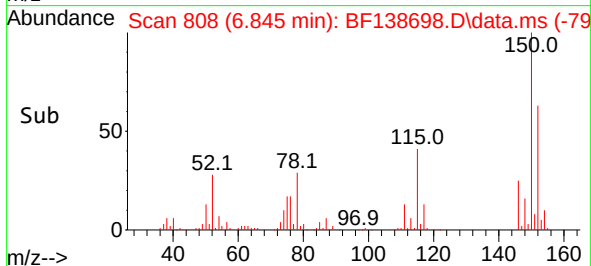
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:152 Resp: 6827
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.0 189.0
 115 66.0 51.7 77.5

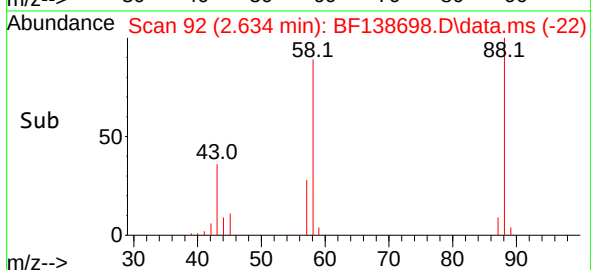
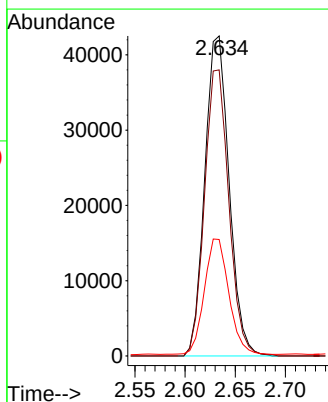
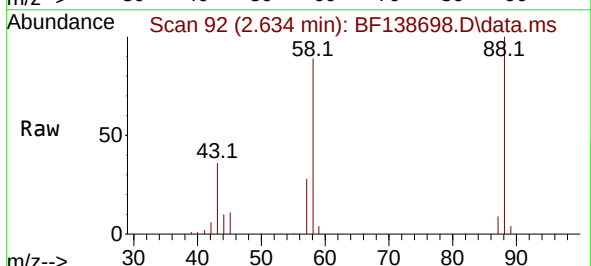
Manual Integrations
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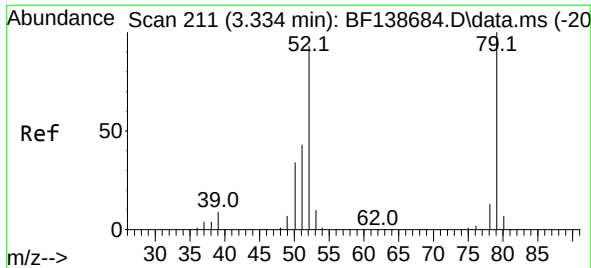
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#2
 1,4-Dioxane
 Concen: 37.090 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.059 min
 Lab File: BF138698.D
 Acq: 31 Jul 2024 12:59

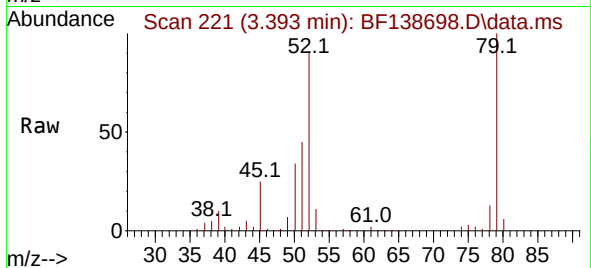
Tgt Ion: 88 Resp: 71823
 Ion Ratio Lower Upper
 88 100
 58 89.3 71.6 107.4
 43 36.1 28.7 43.1





#3
Pyridine
Concen: 40.310 ng
RT: 3.393 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

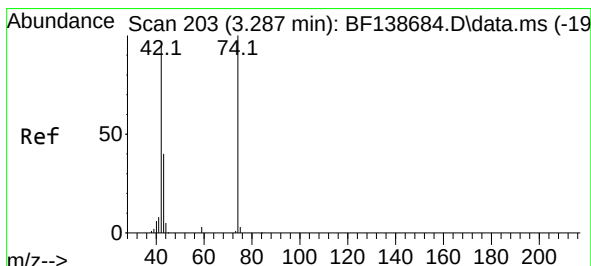
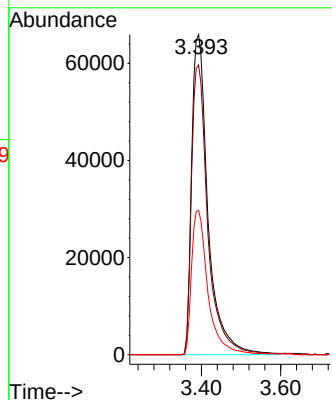
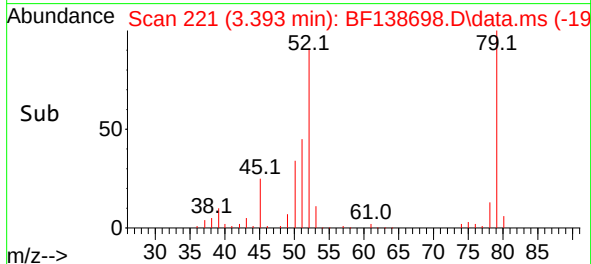
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion: 79 Resp: 189090
Ion Ratio Lower Upper
79 100
52 90.5 74.7 112.1
51 45.0 34.6 51.8

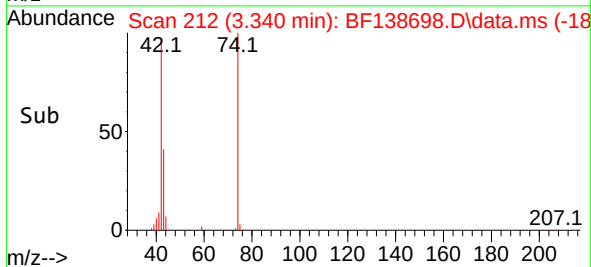
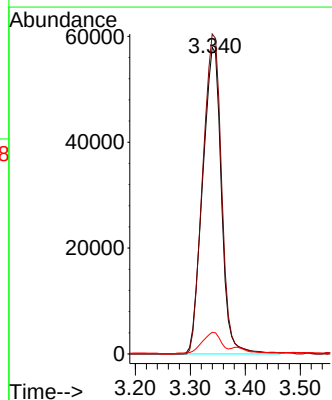
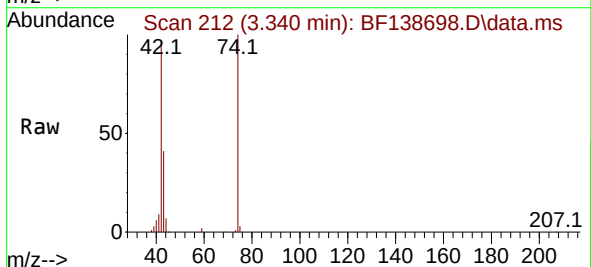
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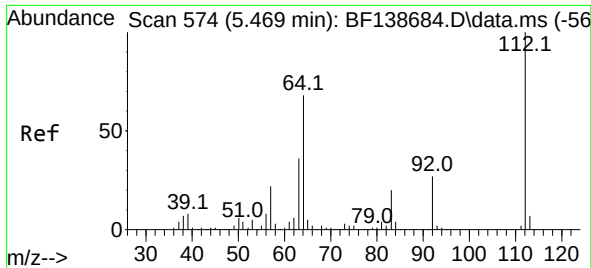
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#4
n-Nitrosodimethylamine
Concen: 49.131 ng
RT: 3.340 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion: 42 Resp: 137264
Ion Ratio Lower Upper
42 100
74 104.4 84.2 126.4
44 7.1 4.9 7.3





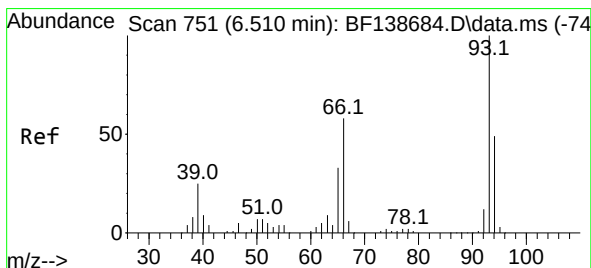
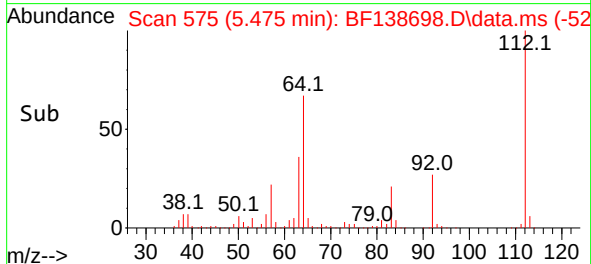
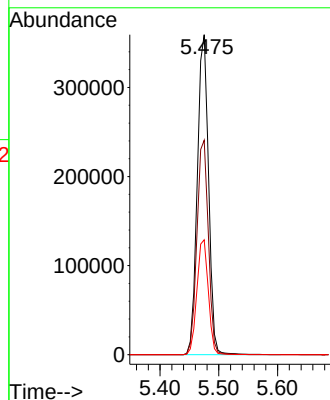
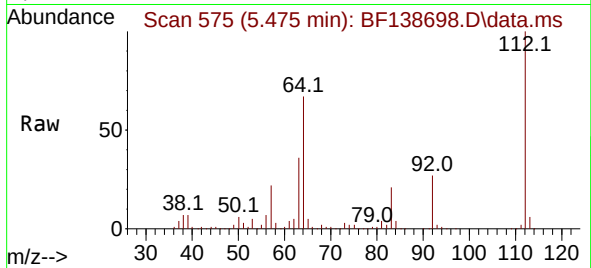
#5
2-Fluorophenol
Concen: 107.662 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

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S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:112 Resp: 476198
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 35.9 28.7 43.1

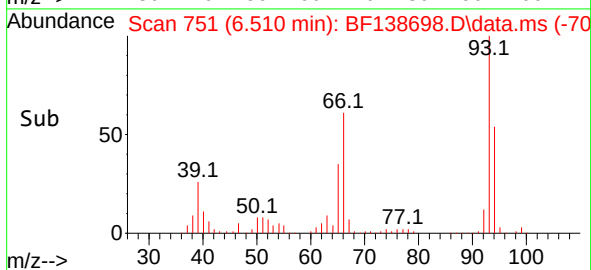
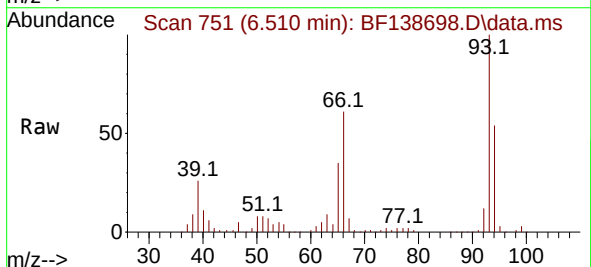
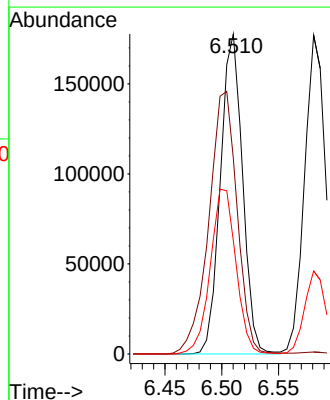
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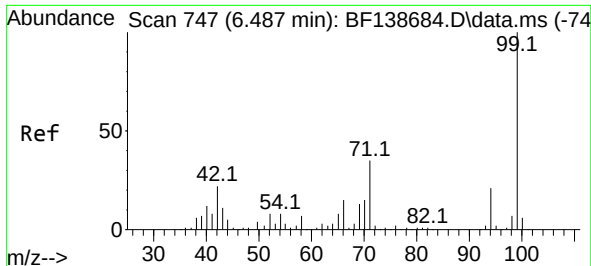
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#6
Aniline
Concen: 45.449 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

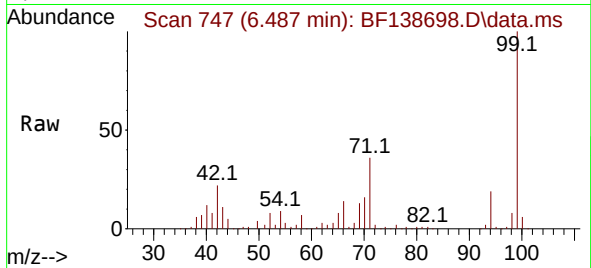
Tgt Ion: 93 Resp: 240698
Ion Ratio Lower Upper
93 100
66 61.2 46.9 70.3
65 35.4 26.5 39.7





#7
Phenol-d6
Concen: 104.555 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

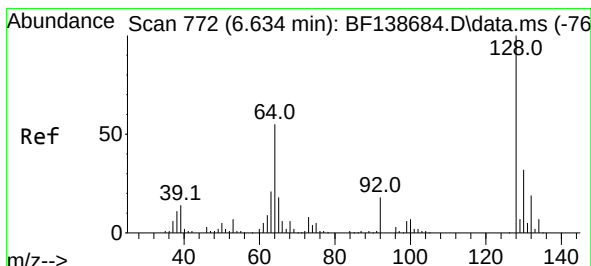
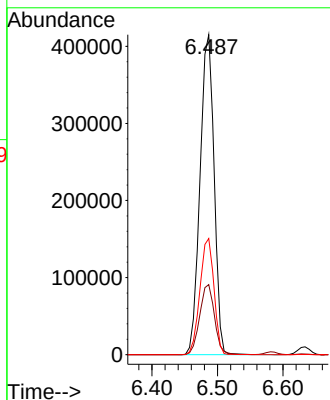
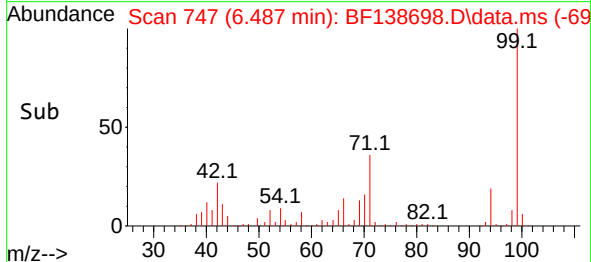
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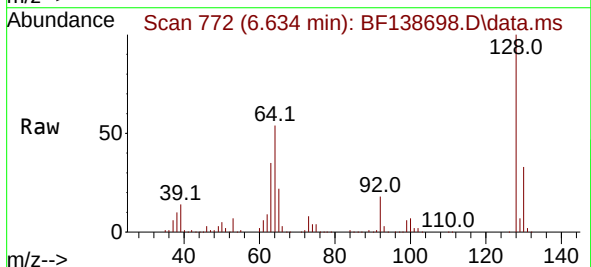
Tgt Ion: 99 Resp: 62089
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.3 28.1 42.1

Manual Integrations
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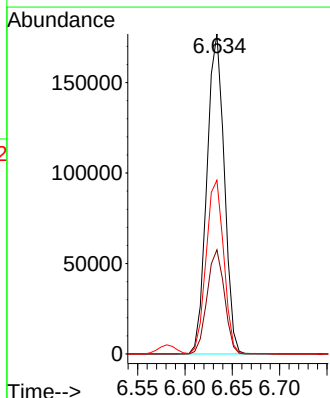
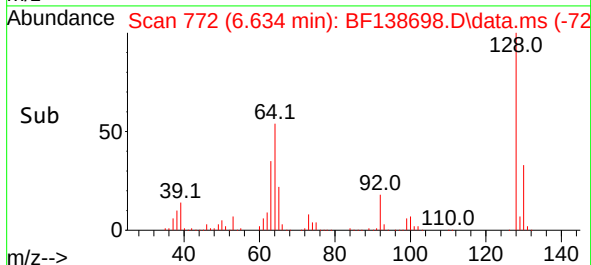
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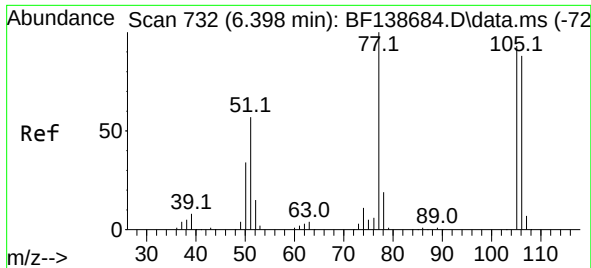


#8
2-Chlorophenol
Concen: 48.450 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



Tgt Ion:128 Resp: 225467
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 54.3 36.3 76.3





#9

Benzaldehyde

Concen: 3.447 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

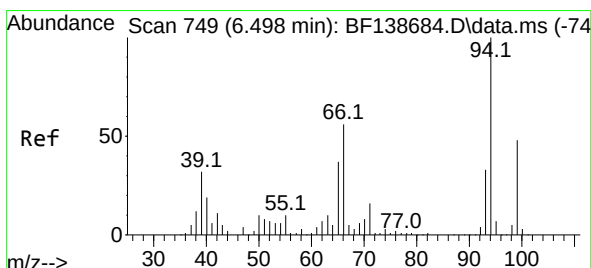
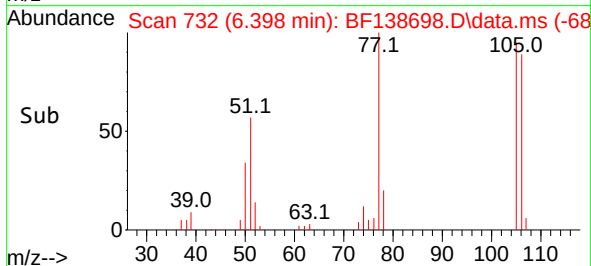
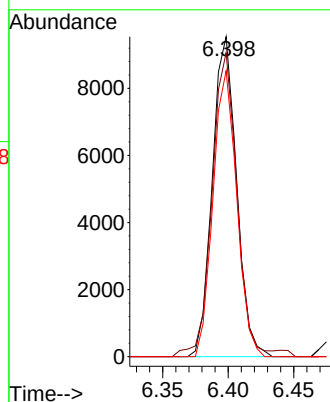
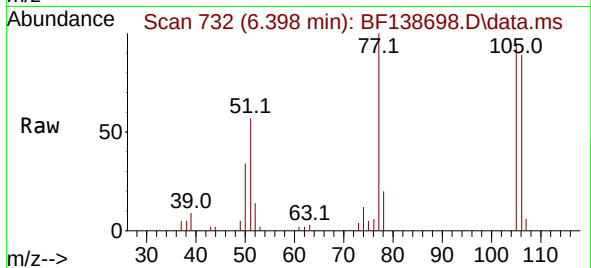
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion: 77	Resp: 1227
Ion Ratio	Lower Upper
77 100	
105 95.0	72.9 112.9
106 89.4	68.4 108.4

Manual Integrations

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#10

Phenol

Concen: 47.127 ng

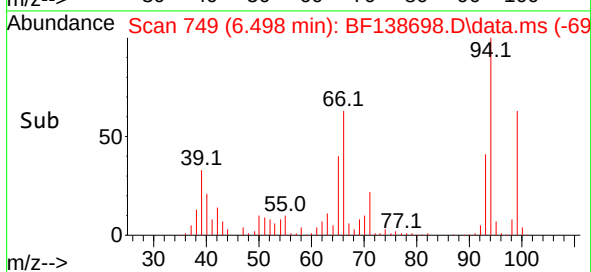
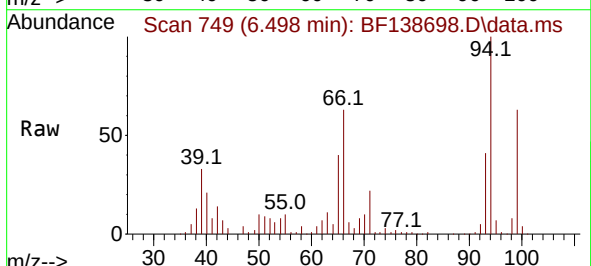
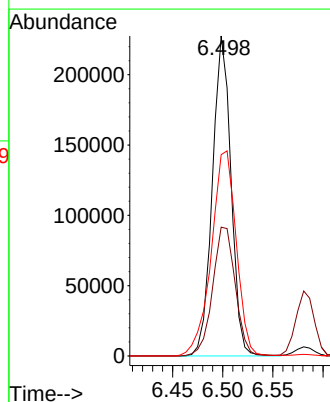
RT: 6.498 min Scan# 749

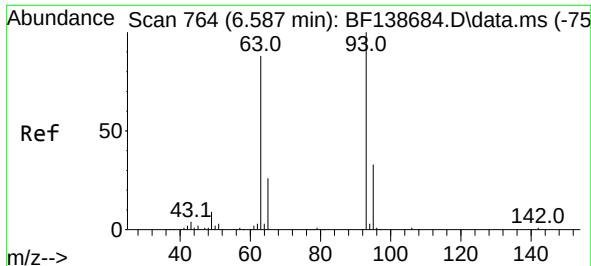
Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

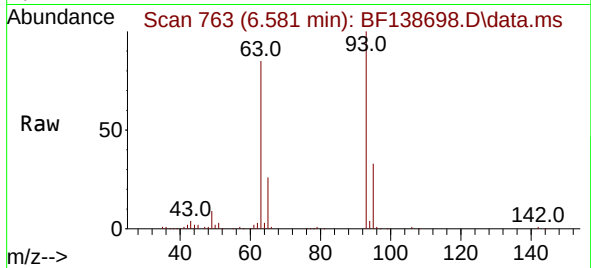
Tgt Ion: 94	Resp: 294660
Ion Ratio	Lower Upper
94 100	
65 40.2	16.9 56.9
66 62.9	36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 47.168 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

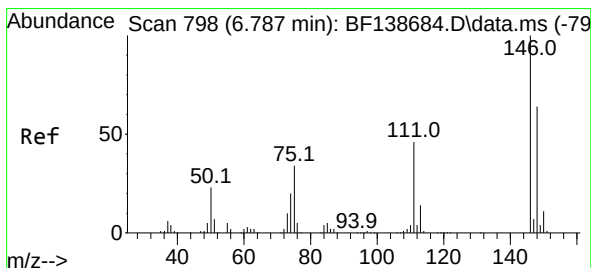
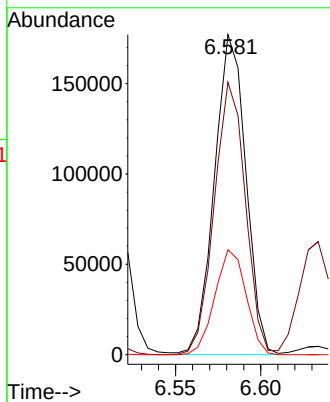
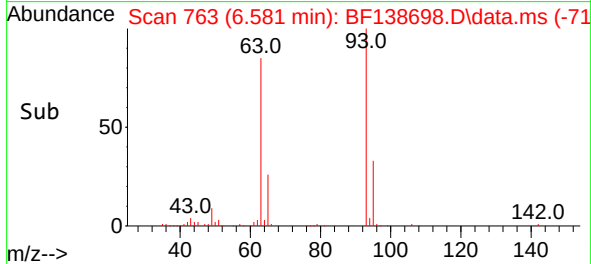
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion: 93 Resp: 226940
Ion Ratio Lower Upper
93 100
63 85.1 65.3 105.3
95 32.8 12.4 52.4

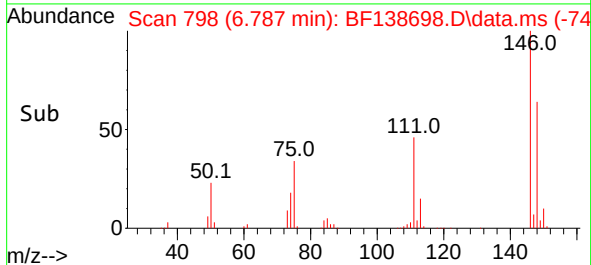
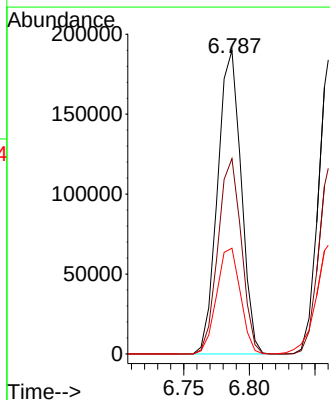
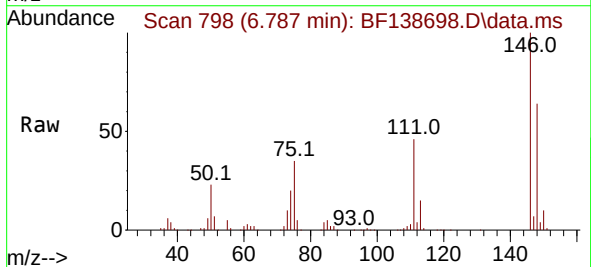
Manual Integrations
APPROVED

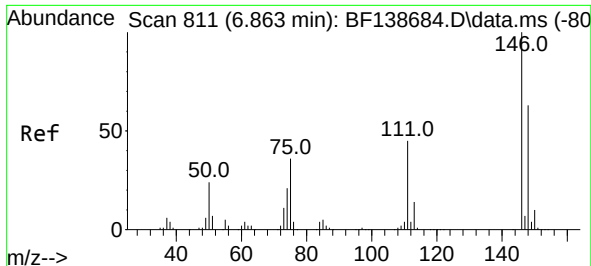
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#12
1,3-Dichlorobenzene
Concen: 45.467 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

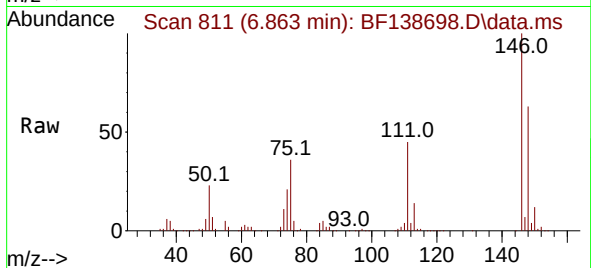
Tgt Ion:146 Resp: 236846
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 34.8 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 46.288 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

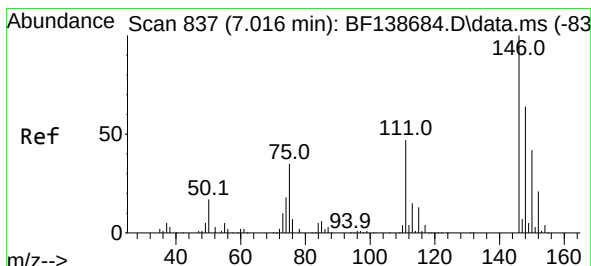
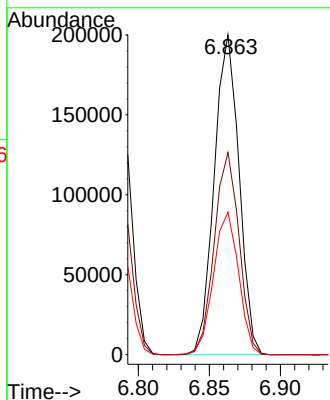
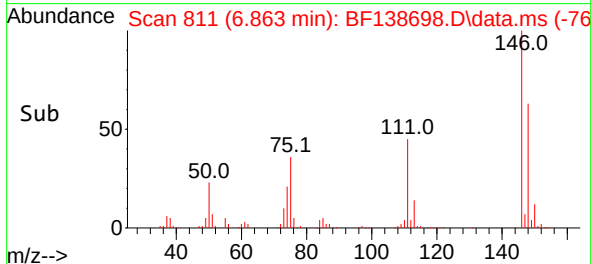
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



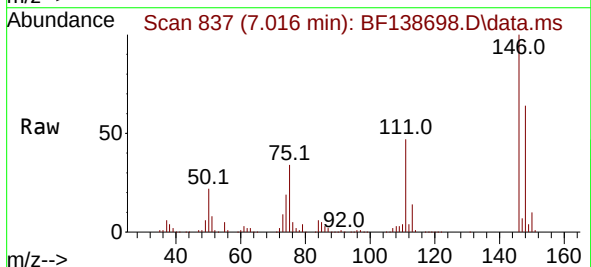
Tgt Ion:146 Resp: 24333
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 44.5 35.9 53.9

Manual Integrations
APPROVED

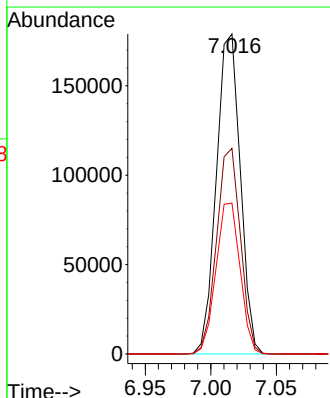
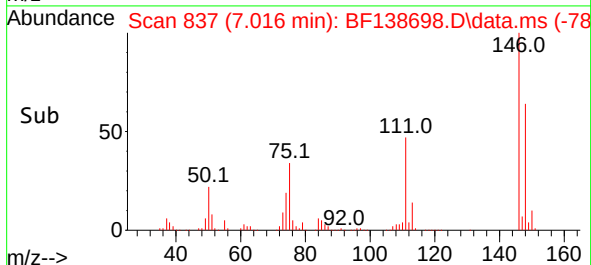
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

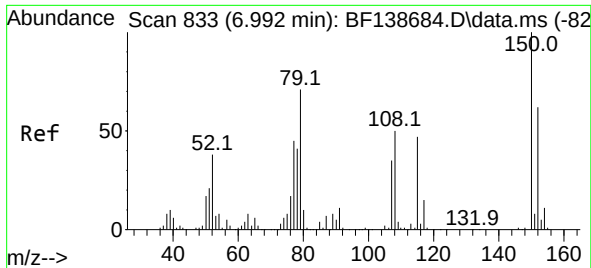


#14
1,2-Dichlorobenzene
Concen: 46.287 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



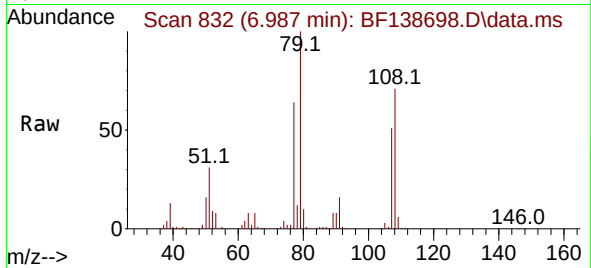
Tgt Ion:146 Resp: 227406
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 47.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.663 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

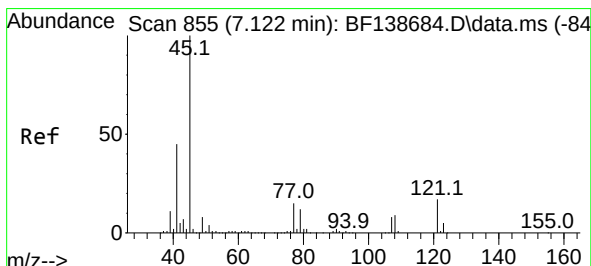
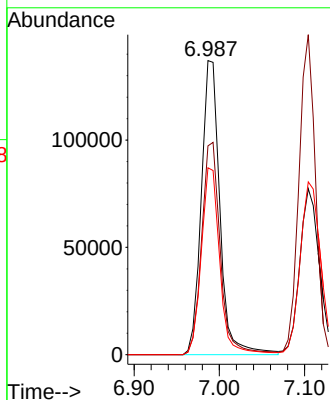
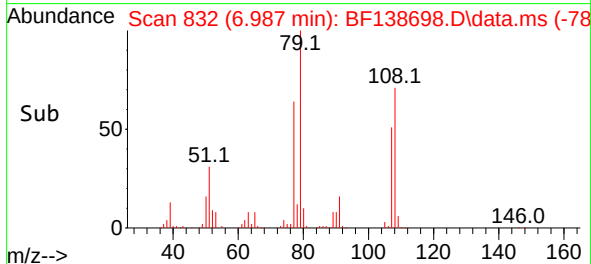
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion: 79 Resp: 208284
Ion Ratio Lower Upper
79 100
108 71.0 56.6 85.0
77 63.6 50.3 75.5

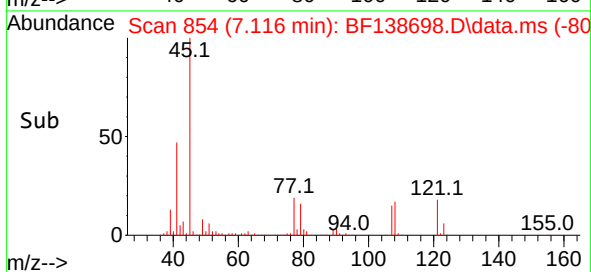
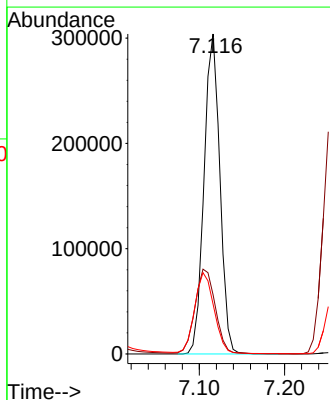
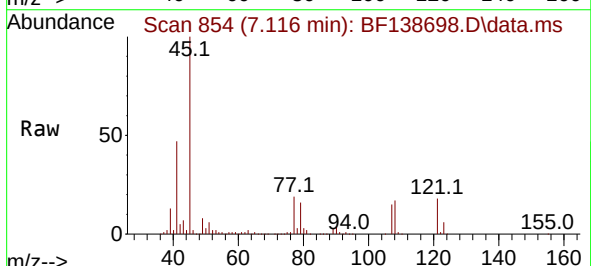
Manual Integrations
APPROVED

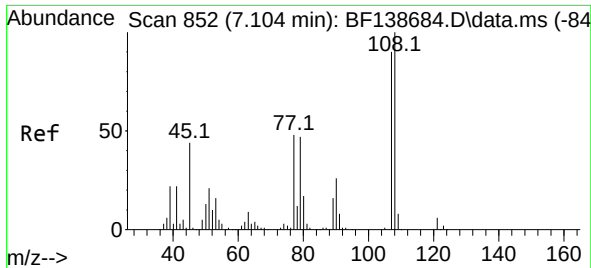
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.357 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

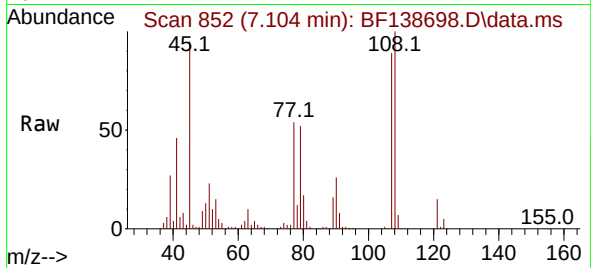
Tgt Ion: 45 Resp: 392138
Ion Ratio Lower Upper
45 100
77 18.5 0.0 34.9
79 15.6 0.0 32.2





#17
2-Methylphenol
Concen: 46.647 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

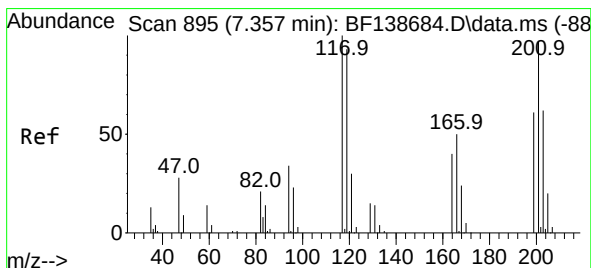
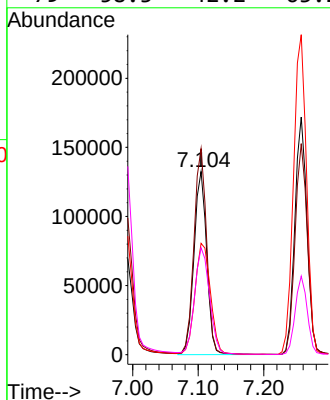
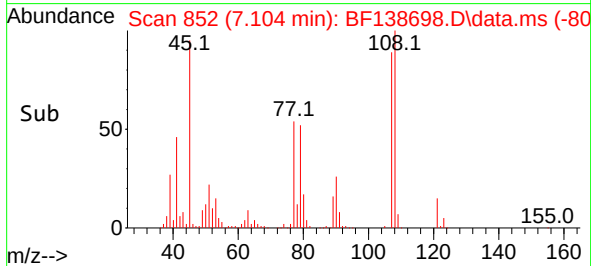
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:107 Resp: 17925
Ion Ratio Lower Upper
107 100
108 112.5 89.2 133.8
77 60.7 43.0 64.4
79 58.3 42.2 63.2

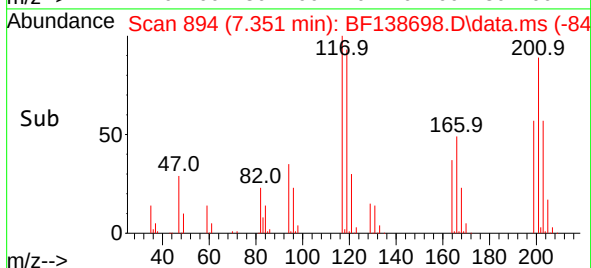
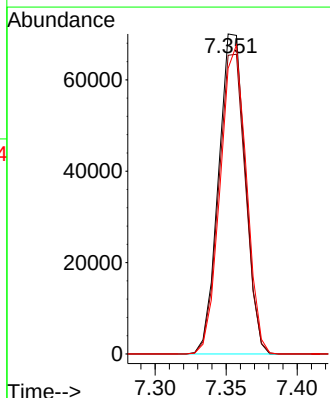
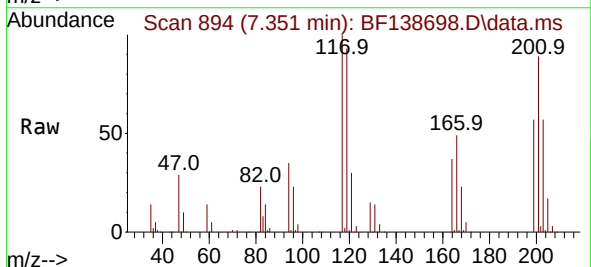
Manual Integrations
APPROVED

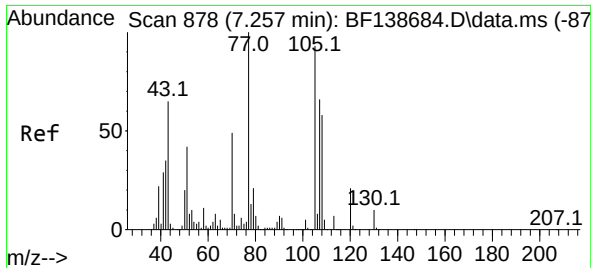
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#18
Hexachloroethane
Concen: 46.378 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

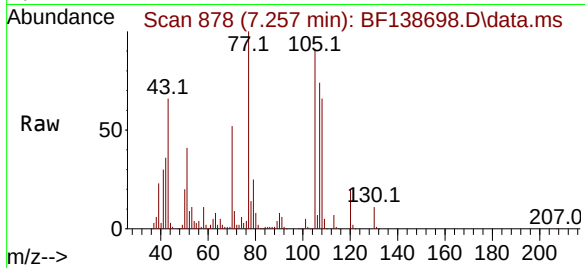
Tgt Ion:117 Resp: 91775
Ion Ratio Lower Upper
117 100
119 93.3 74.6 111.8
201 89.2 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.276 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

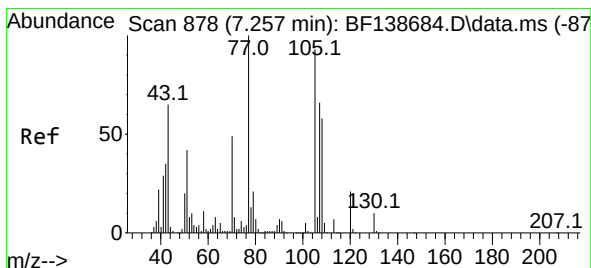
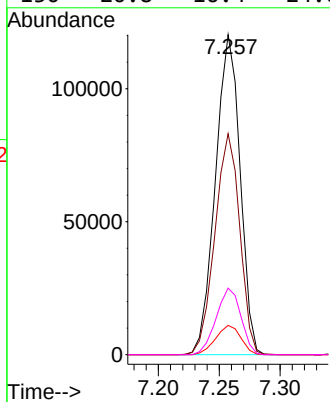
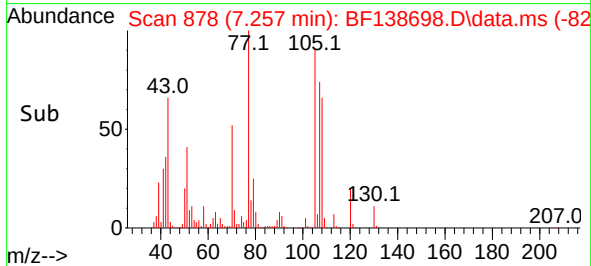
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



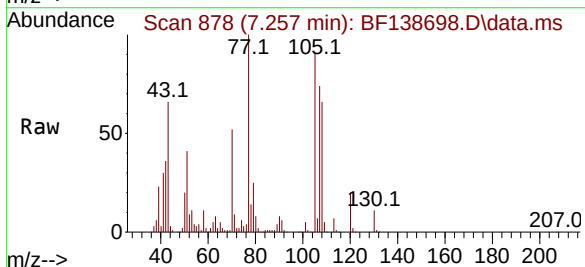
Tgt Ion: 70 Resp: 16956
Ion Ratio Lower Upper
70 100
42 69.0 57.4 86.0
101 9.2 7.5 11.3
130 20.8 16.4 24.6

Manual Integrations
APPROVED

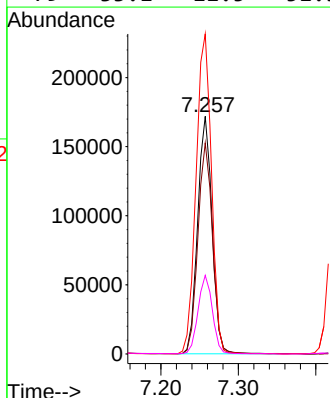
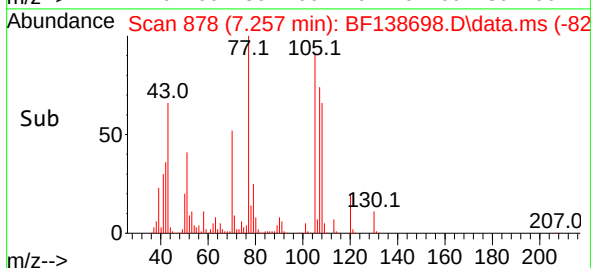
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

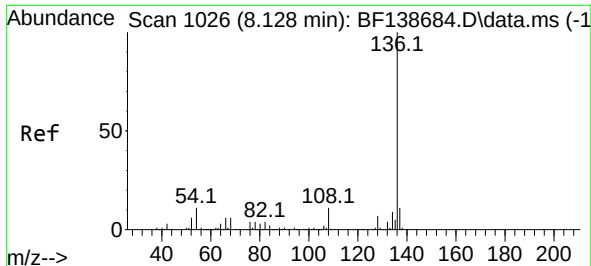


#20
3+4-Methylphenols
Concen: 45.029 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



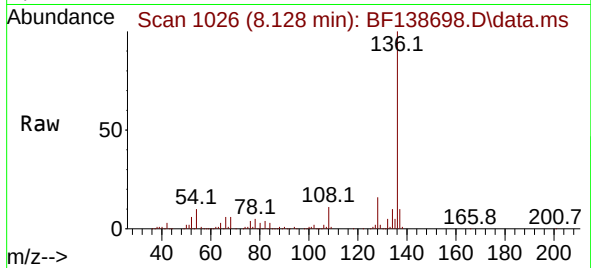
Tgt Ion:107 Resp: 222006
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 134.7 132.1 172.1
79 33.1 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

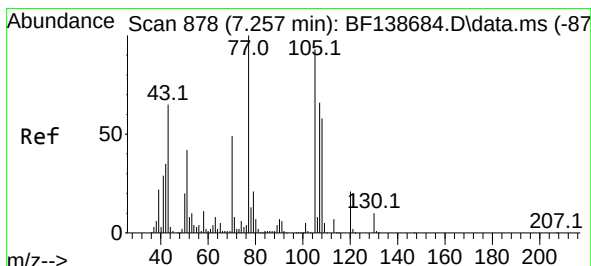
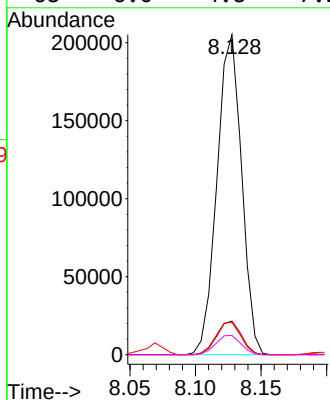
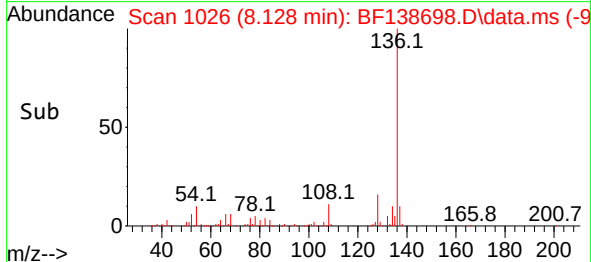
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



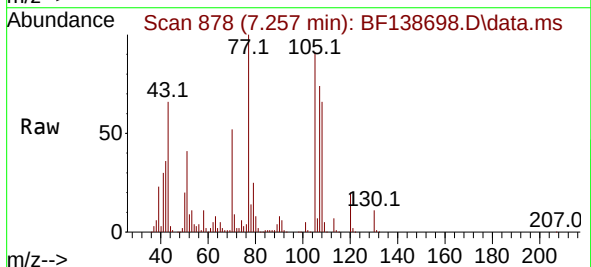
Tgt Ion:136 Resp: 267480
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 6.0 4.8 7.2

Manual Integrations
APPROVED

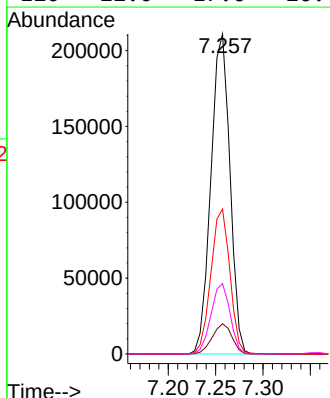
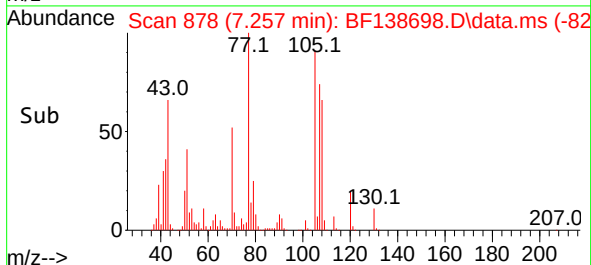
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

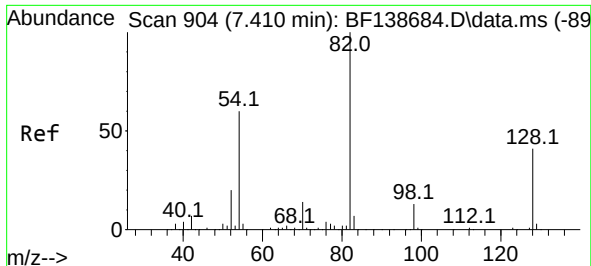


#22
Acetophenone
Concen: 44.908 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



Tgt Ion:105 Resp: 294111
Ion Ratio Lower Upper
105 100
71 9.4 7.2 10.8
51 45.3 35.9 53.9
120 22.0 17.6 26.4





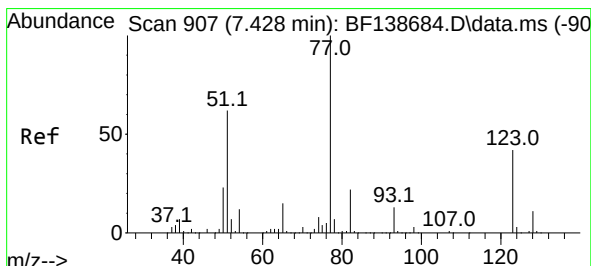
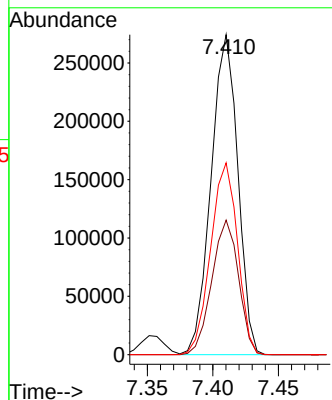
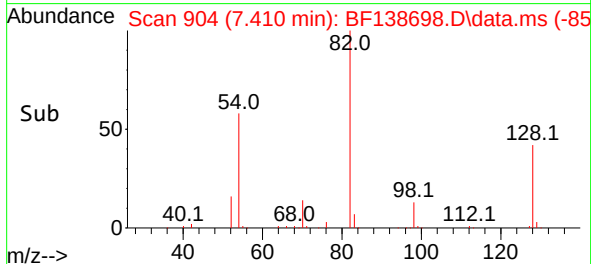
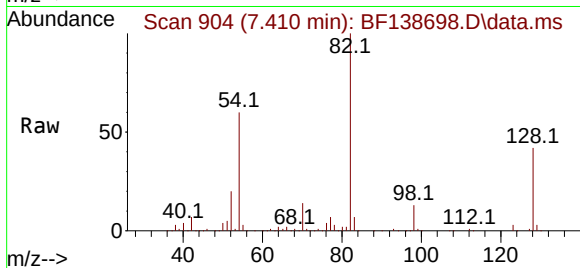
#23
Nitrobenzene-d5
Concen: 71.140 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion: 82 Resp: 389198
Ion Ratio Lower Upper
82 100
128 42.1 32.8 49.2
54 60.0 48.3 72.5

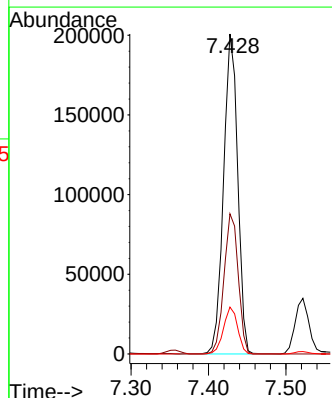
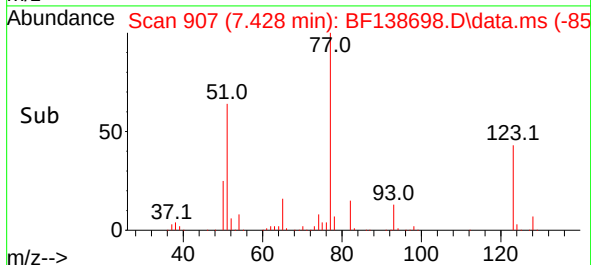
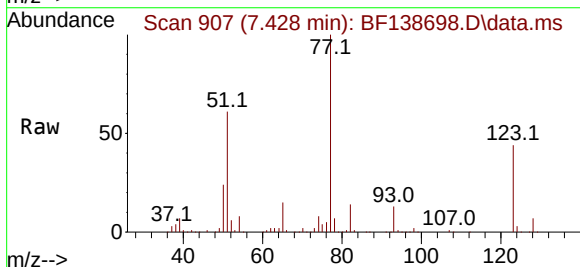
Manual Integrations
APPROVED

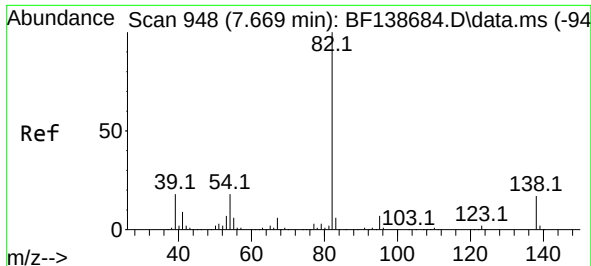
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#24
Nitrobenzene
Concen: 45.932 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

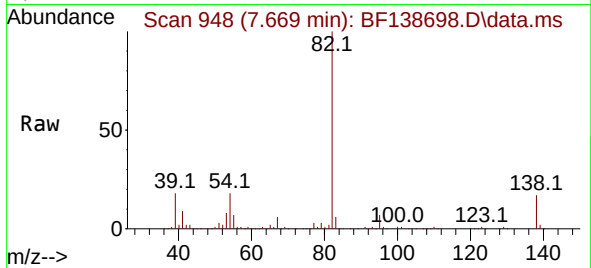
Tgt Ion: 77 Resp: 255707
Ion Ratio Lower Upper
77 100
123 43.8 33.3 49.9
65 14.7 11.9 17.9





#25
Isophorone
Concen: 48.432 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

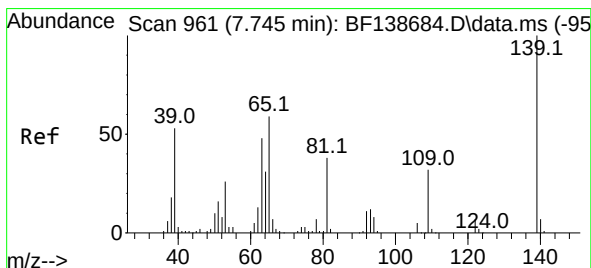
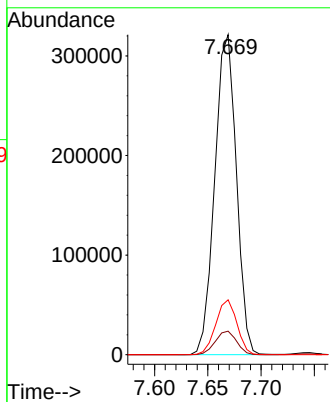
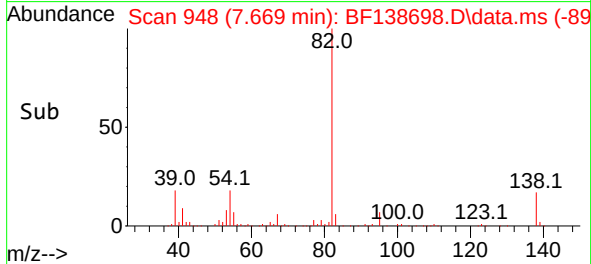
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion: 82 Resp: 452444
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.1 13.7 20.5

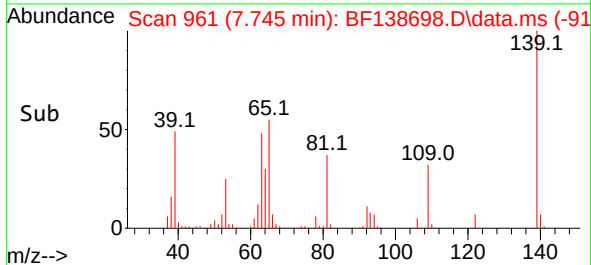
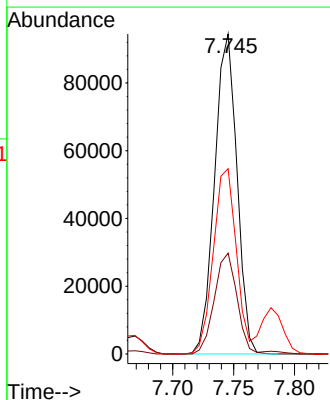
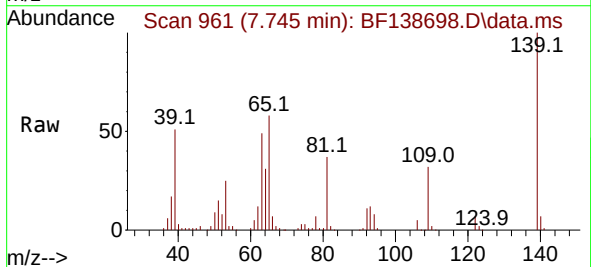
Manual Integrations
APPROVED

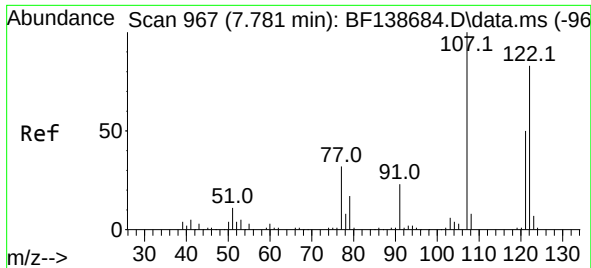
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#26
2-Nitrophenol
Concen: 50.363 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion:139 Resp: 120626
Ion Ratio Lower Upper
139 100
109 31.5 25.9 38.9
65 57.9 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 52.957 ng

RT: 7.781 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF138698.D

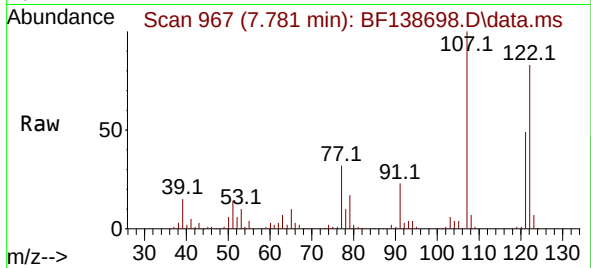
Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

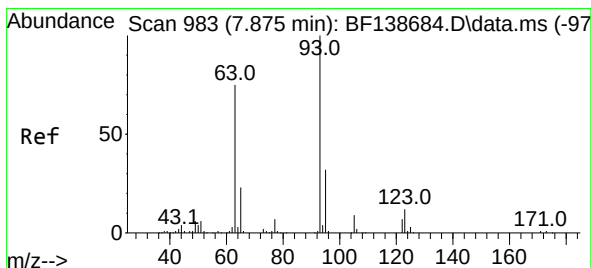
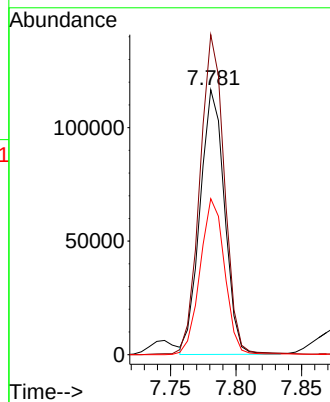
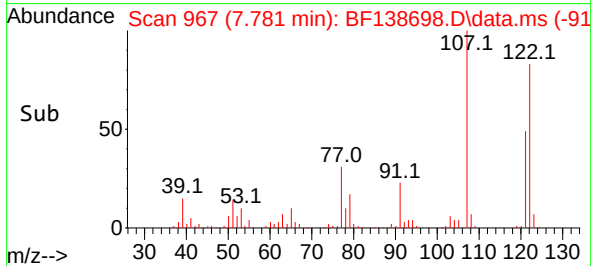


Tgt Ion:	122	Resp:	15175
Ion Ratio	Lower	Upper	
122	100		
107	120.7	95.0	142.6
121	58.9	47.3	70.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.389 ng

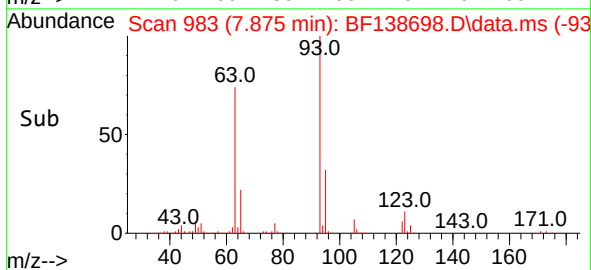
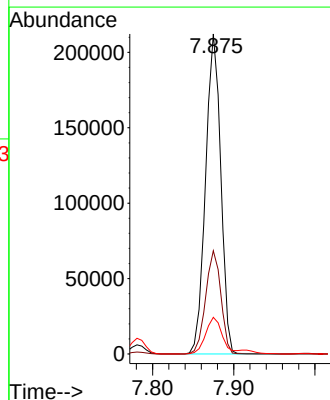
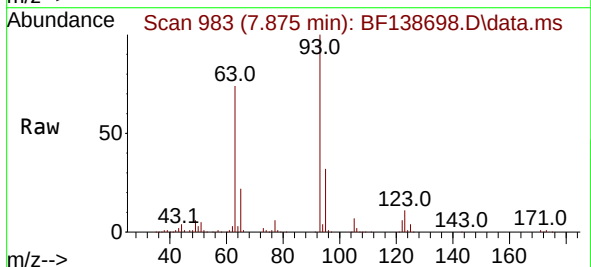
RT: 7.875 min Scan# 983

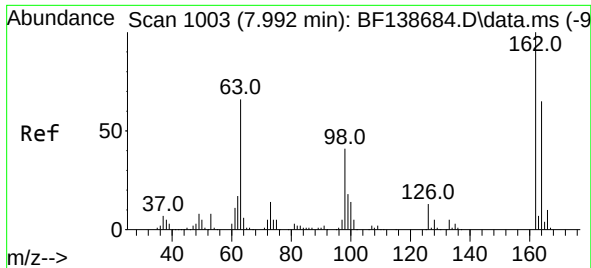
Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion:	93	Resp:	275277
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.8	38.8
123	11.5	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 48.286 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

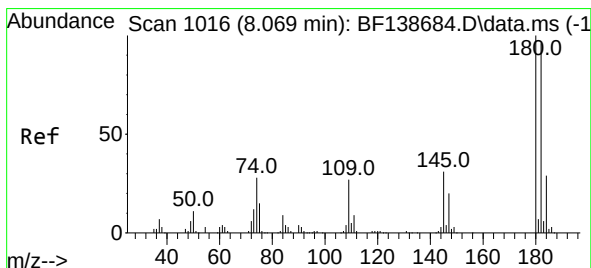
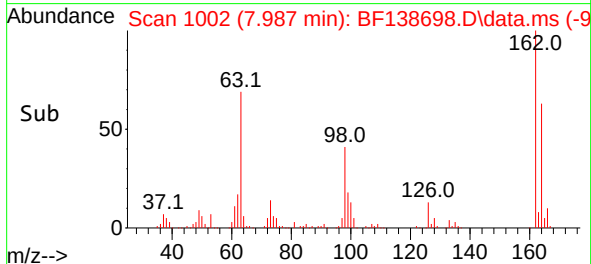
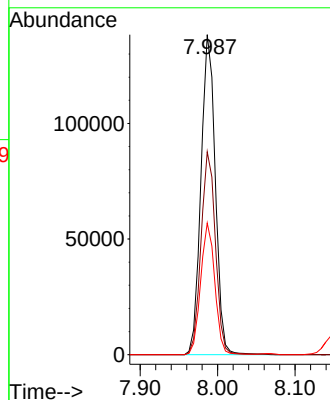
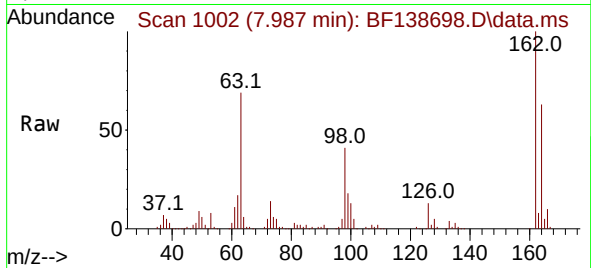
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:	162	Resp:	17780
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.7	84.7
98	41.2	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.492 ng

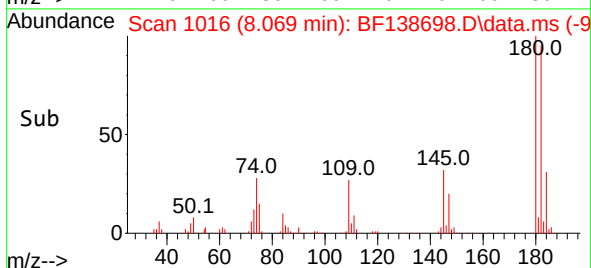
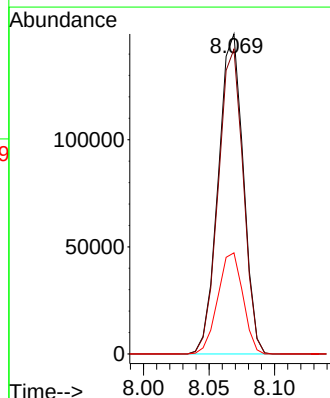
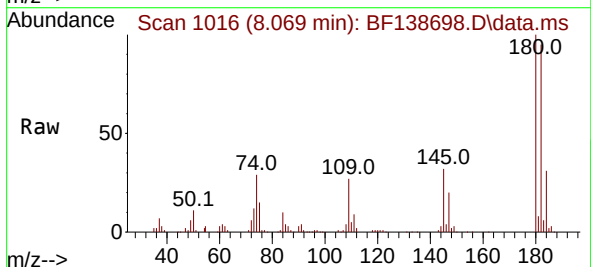
RT: 8.069 min Scan# 1016

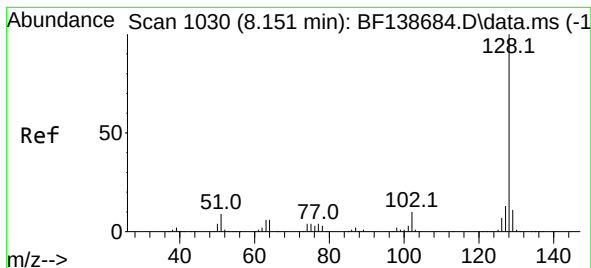
Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion:	180	Resp:	197570
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.9	115.3
145	31.6	25.0	37.4





#31

Naphthalene

Concen: 46.945 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

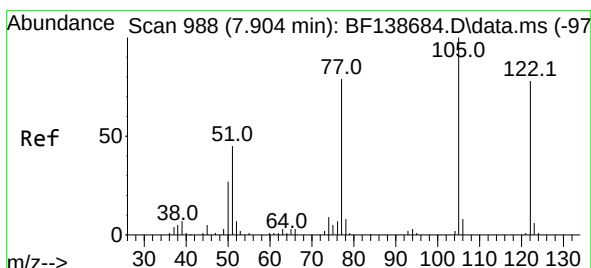
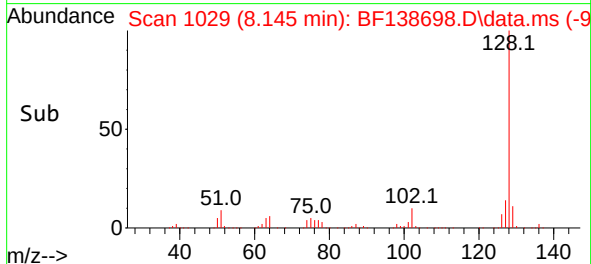
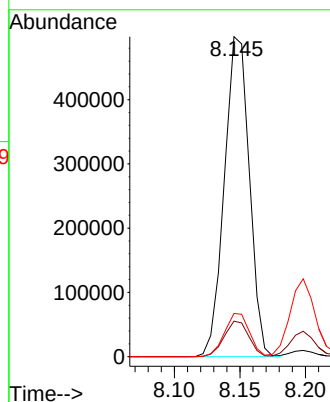
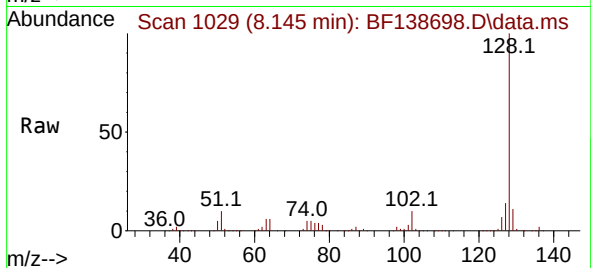
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:128 Resp: 66095
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#32

Benzoic acid

Concen: 38.968 ng

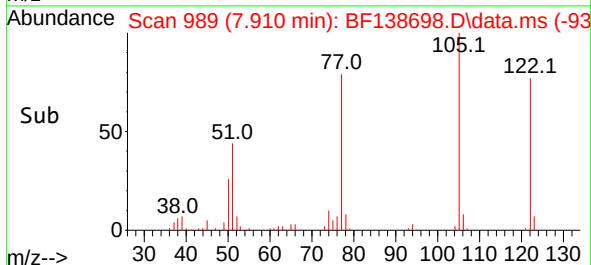
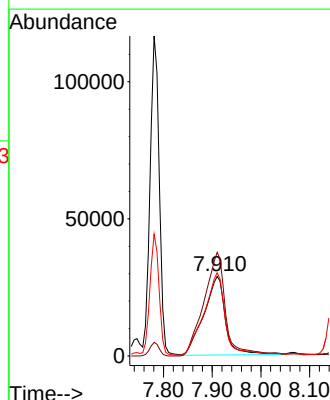
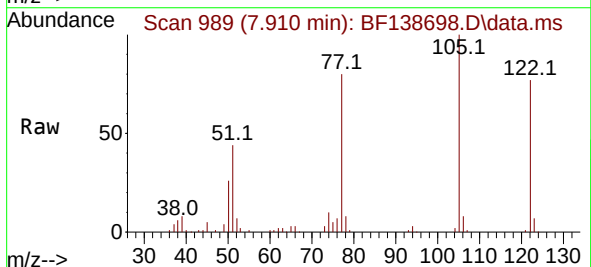
RT: 7.910 min Scan# 989

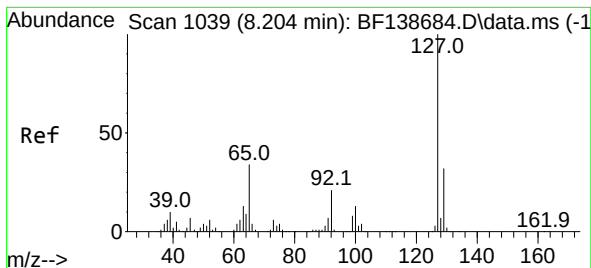
Delta R.T. 0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion:122 Resp: 87781
 Ion Ratio Lower Upper
 122 100
 105 130.1 106.7 146.7
 77 104.5 81.1 121.1





#33

4-Chloroaniline

Concen: 35.231 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

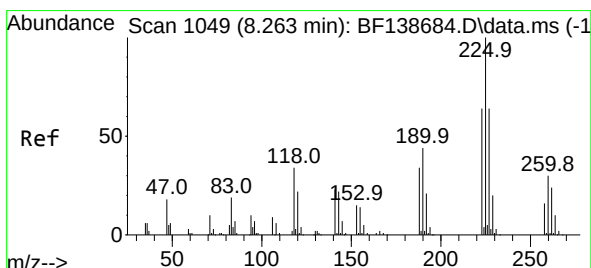
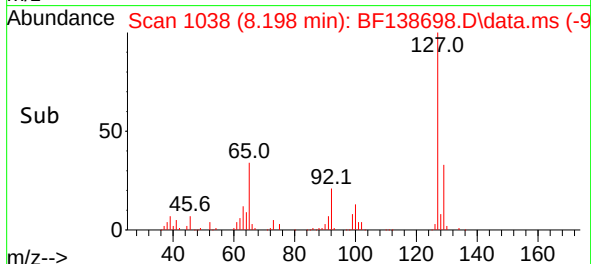
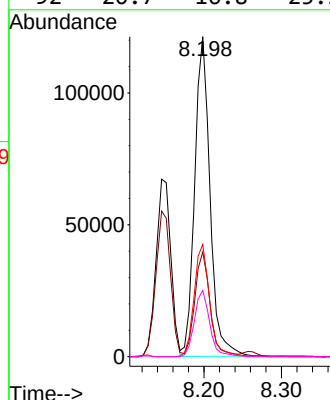
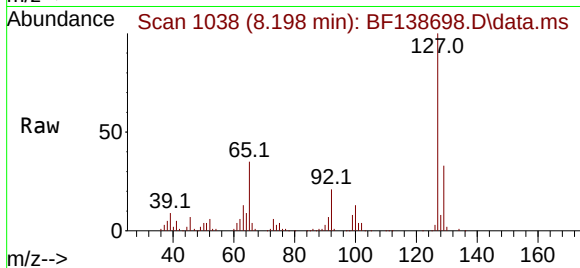
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:	127	Resp:	16650
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	35.1	27.6	41.4
92	20.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#34

Hexachlorobutadiene

Concen: 46.469 ng

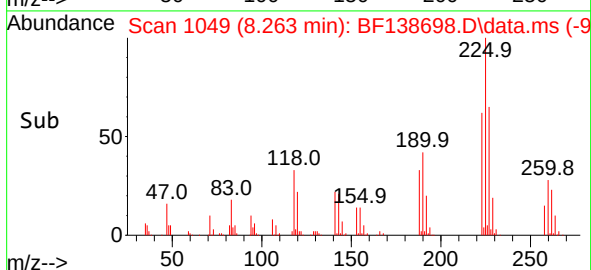
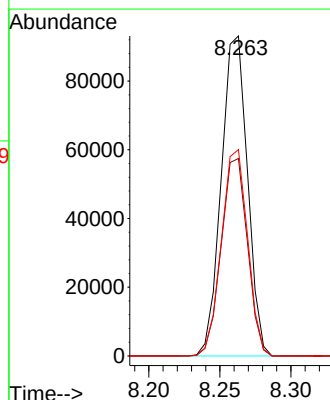
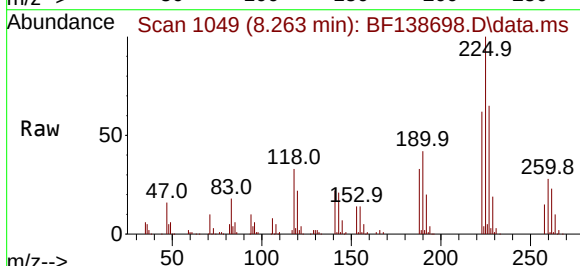
RT: 8.263 min Scan# 1049

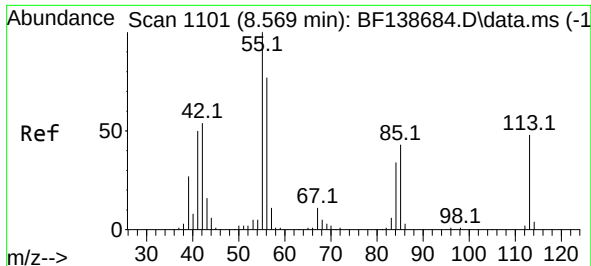
Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

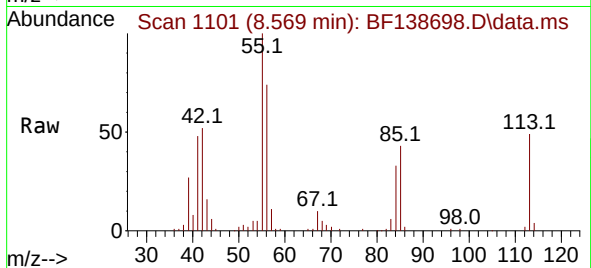
Tgt Ion:	225	Resp:	119609
Ion Ratio	Lower	Upper	
225	100		
223	61.7	51.2	76.8
227	64.5	51.1	76.7





#35
Caprolactam
Concen: 46.349 ng m
RT: 8.569 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

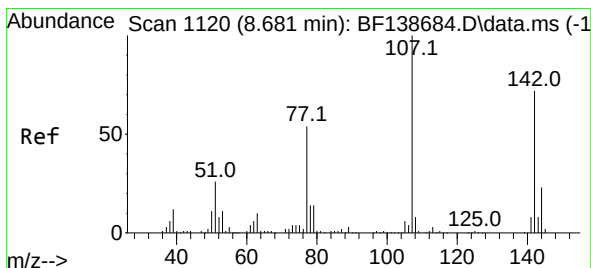
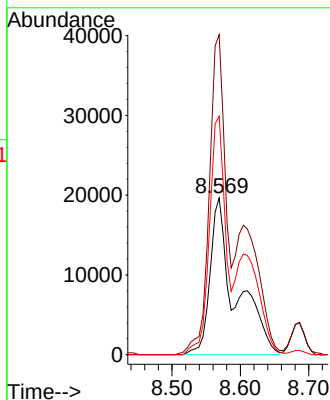
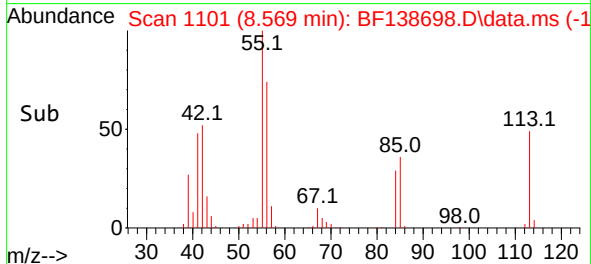
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:113 Resp: 5092
Ion Ratio Lower Upper
113 100
55 204.3 186.7 226.7
56 152.2 138.9 178.9

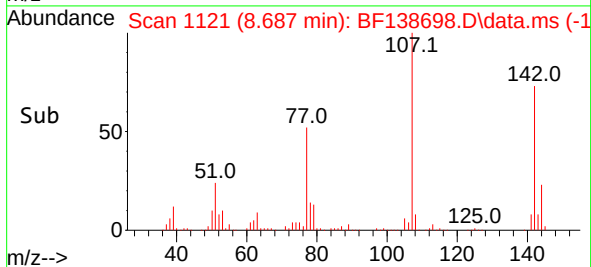
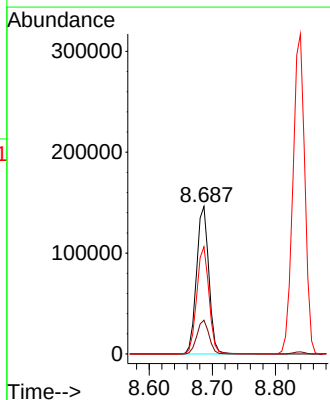
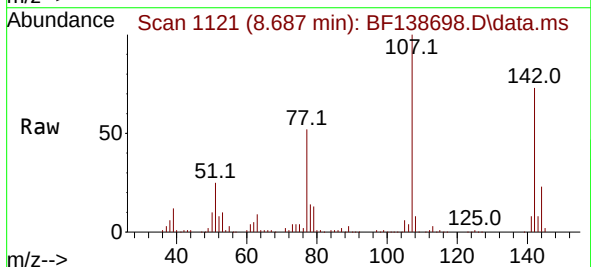
Manual Integrations
APPROVED

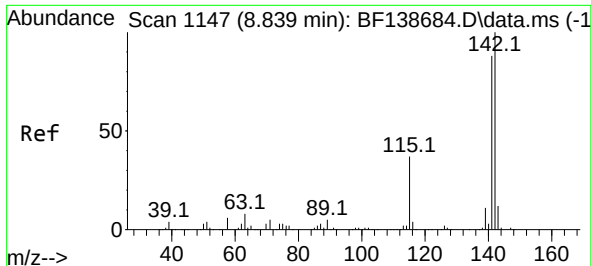
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#36
4-Chloro-3-methylphenol
Concen: 46.952 ng
RT: 8.687 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion:107 Resp: 197594
Ion Ratio Lower Upper
107 100
144 22.9 18.2 27.2
142 72.7 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.619 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:142 Resp: 414530

Ion Ratio Lower Upper

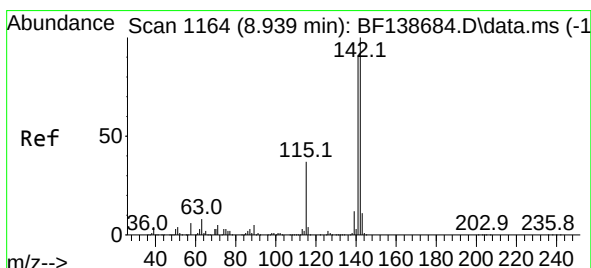
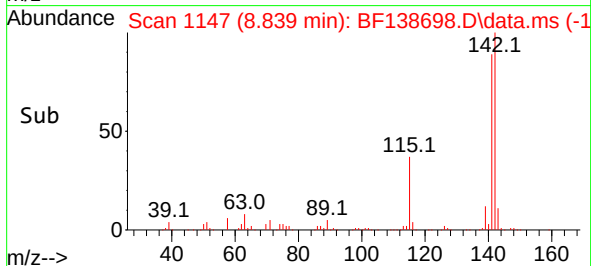
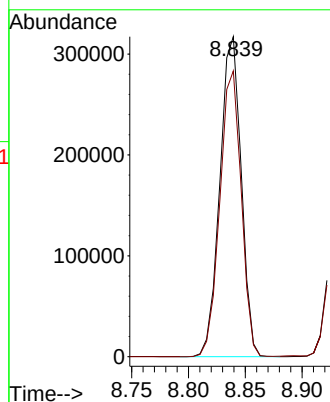
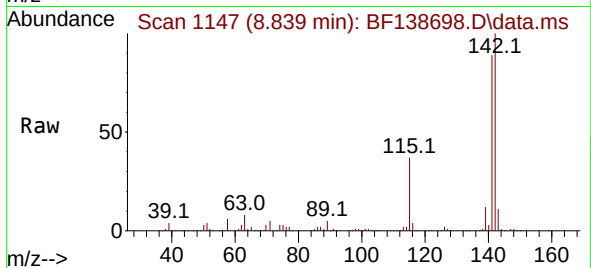
142 100

141 89.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#38

1-Methylnaphthalene

Concen: 43.719 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138698.D

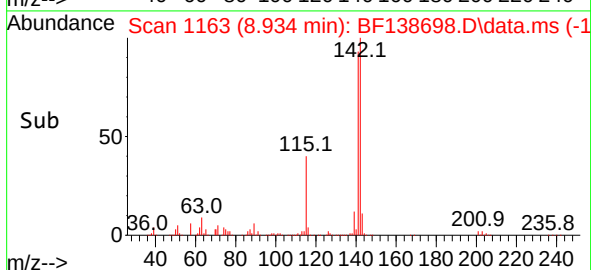
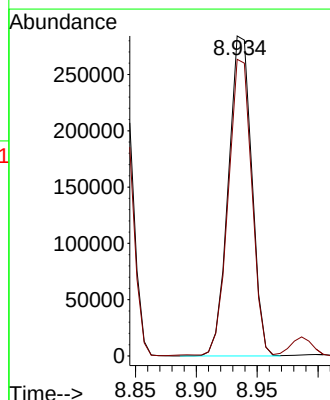
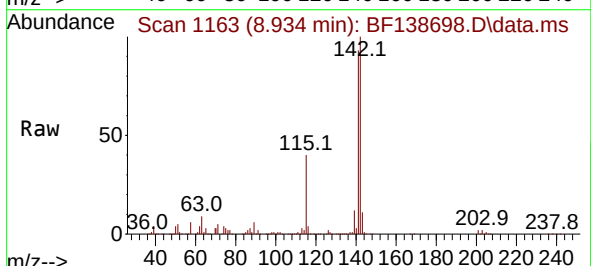
Acq: 31 Jul 2024 12:59

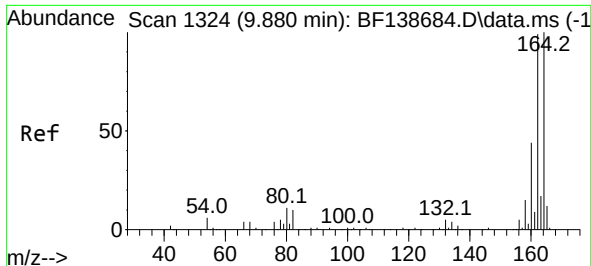
Tgt Ion:142 Resp: 380928

Ion Ratio Lower Upper

142 100

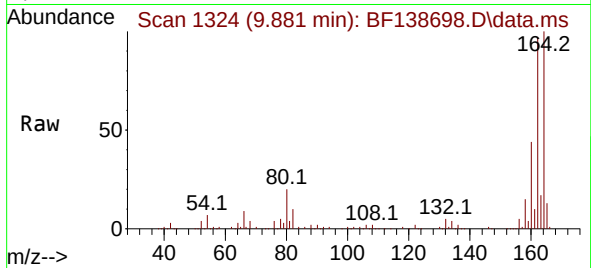
141 92.7 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

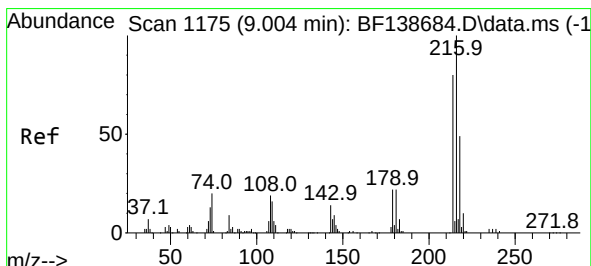
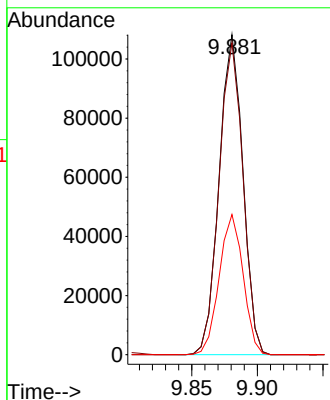
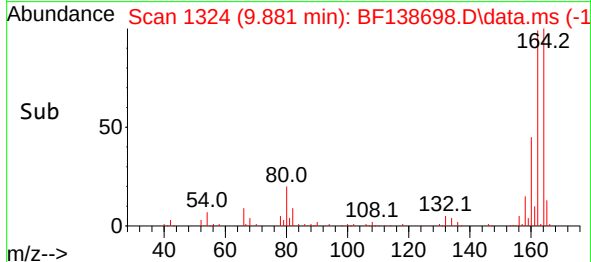
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:164 Resp: 136590
Ion Ratio Lower Upper
164 100
162 97.5 79.4 119.0
160 43.8 35.1 52.7

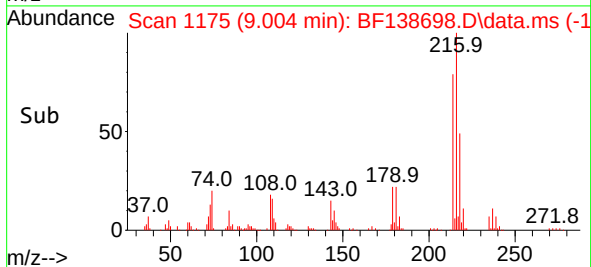
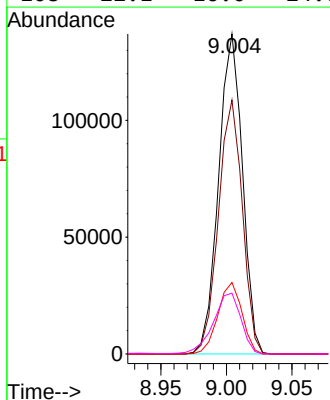
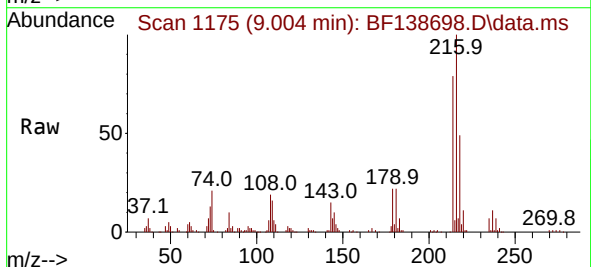
Manual Integrations
APPROVED

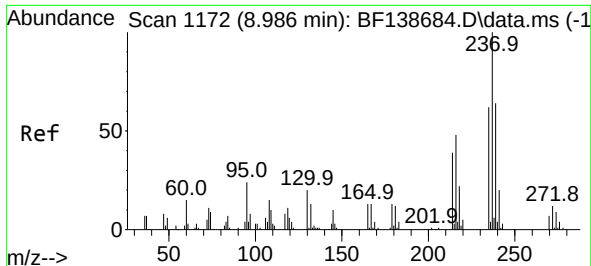
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.638 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

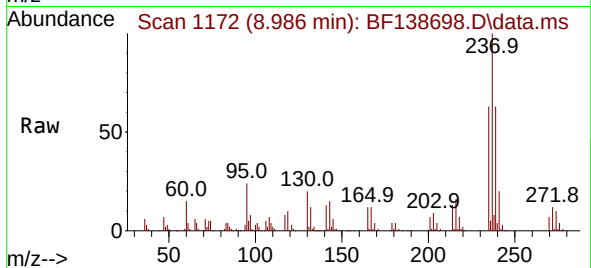
Tgt Ion:216 Resp: 173164
Ion Ratio Lower Upper
216 100
214 79.5 63.9 95.9
179 22.5 17.8 26.6
108 22.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 151.925 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

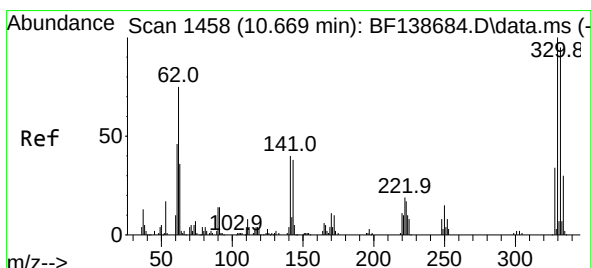
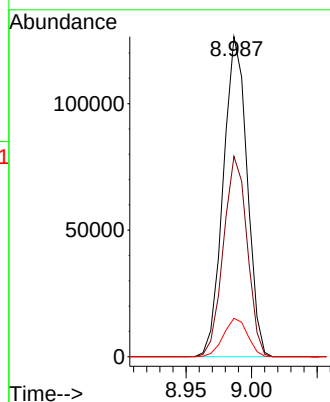
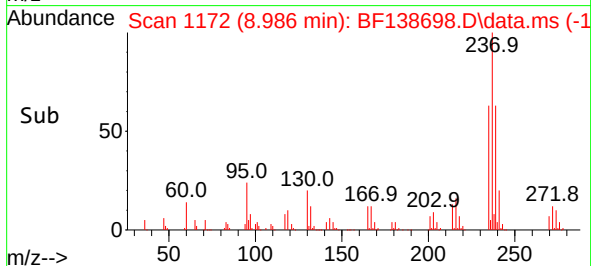
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



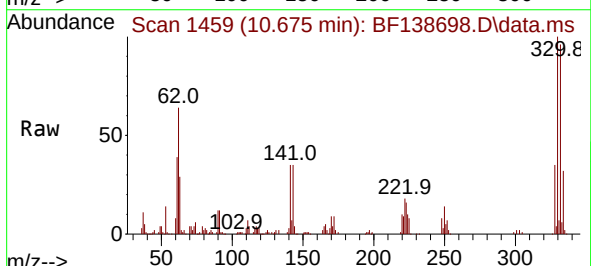
Tgt Ion:237 Resp: 15946
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 12.0 0.0 32.2

Manual Integrations
APPROVED

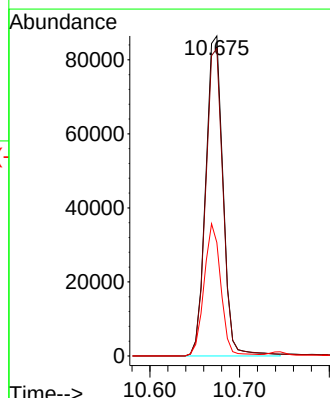
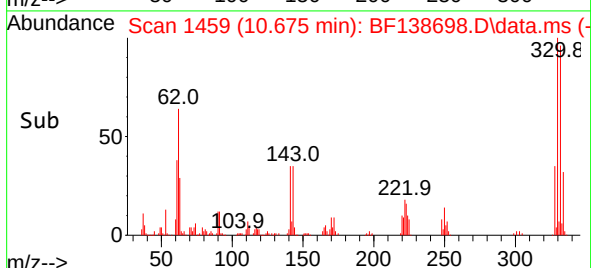
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

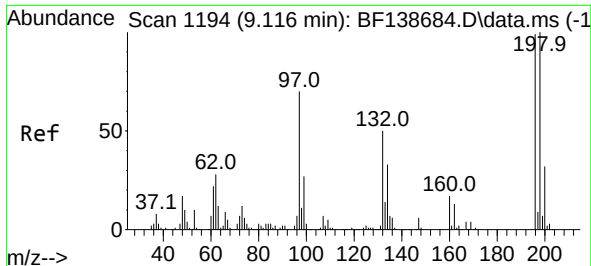


#42
2,4,6-Tribromophenol
Concen: 103.758 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



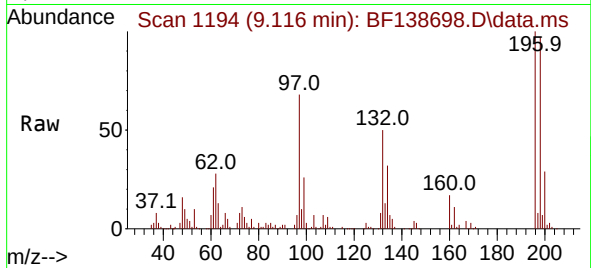
Tgt Ion:330 Resp: 116090
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 40.0 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 49.976 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

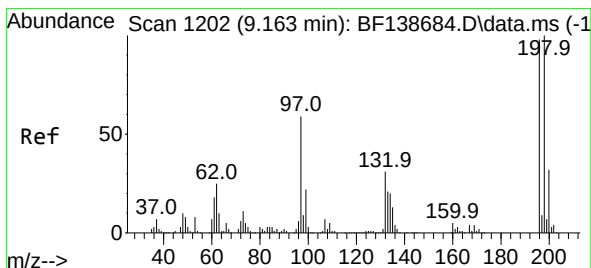
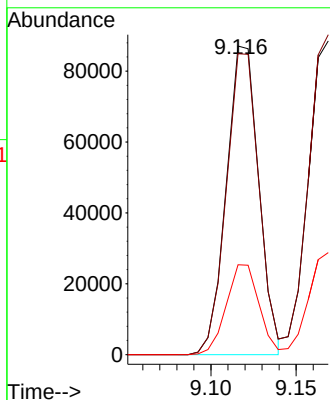
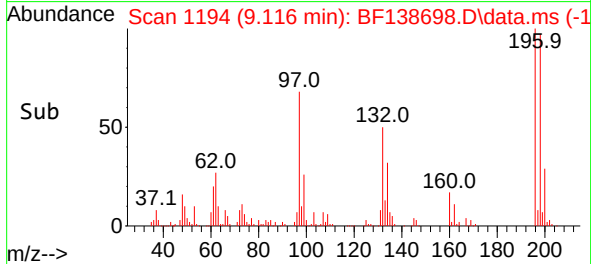
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



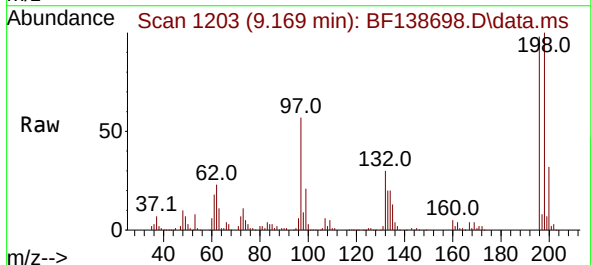
Tgt Ion:196 Resp: 11561
Ion Ratio Lower Upper
196 100
198 97.5 80.5 120.7
200 29.1 25.9 38.9

Manual Integrations
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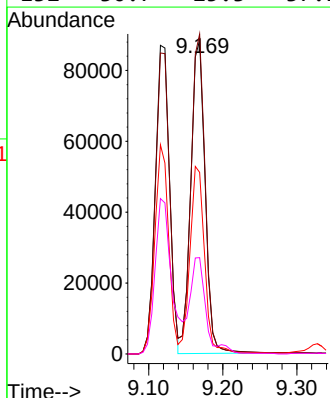
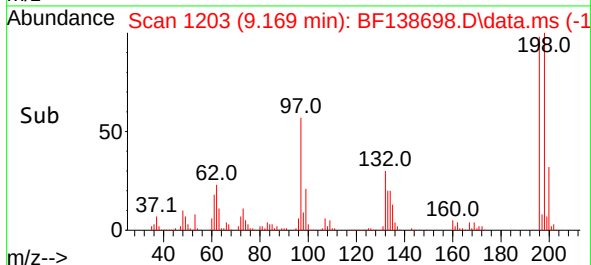
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

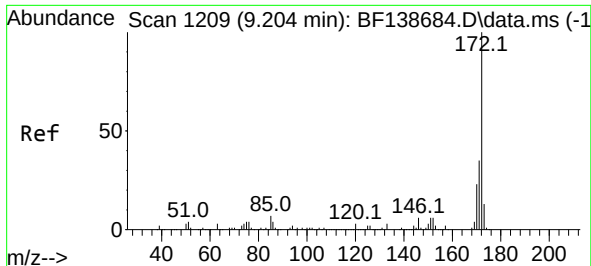


#44
2,4,5-Trichlorophenol
Concen: 46.838 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



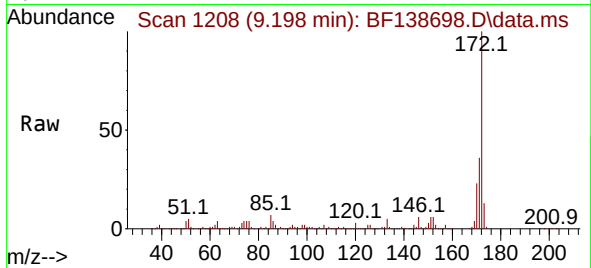
Tgt Ion:196 Resp: 118457
Ion Ratio Lower Upper
196 100
198 102.0 81.2 121.8
97 57.9 47.8 71.6
132 30.7 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 67.897 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

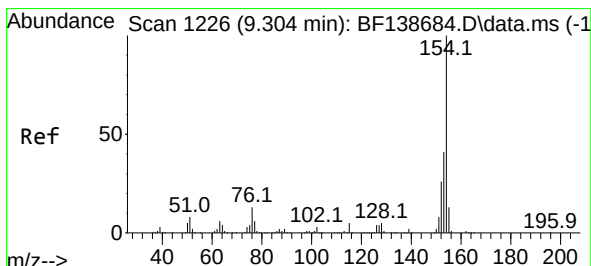
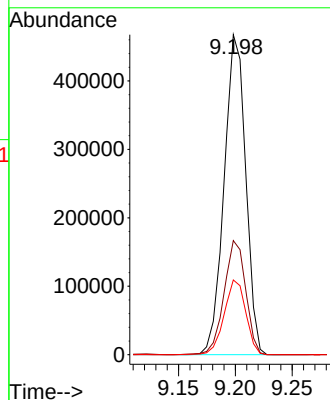
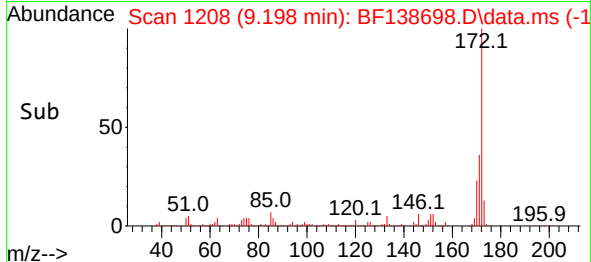
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



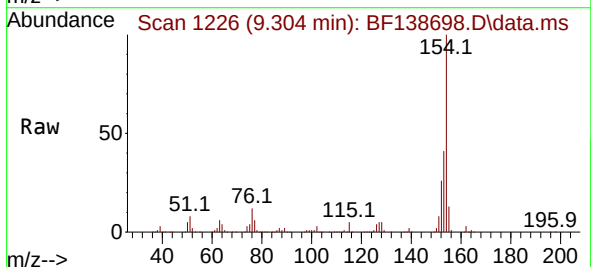
Tgt Ion:172 Resp: 617245
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2

Manual Integrations
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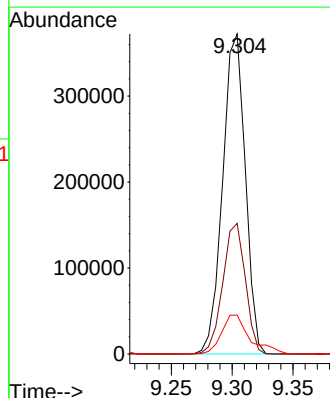
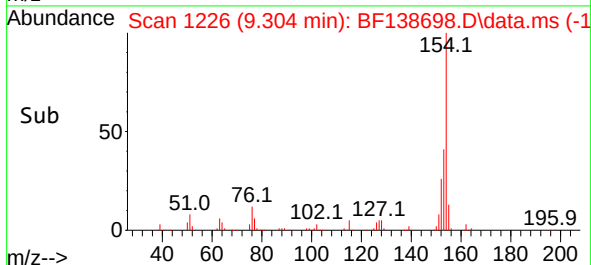
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

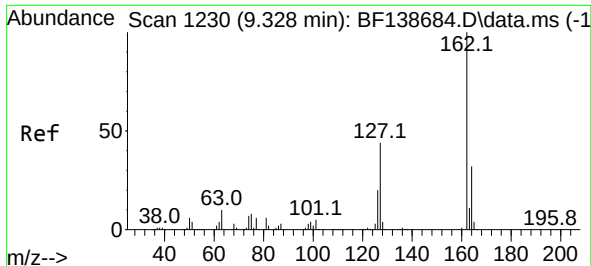


#46
1,1'-Biphenyl
Concen: 45.000 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



Tgt Ion:154 Resp: 481385
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 47.300 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

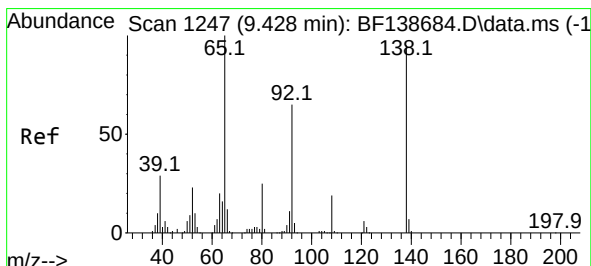
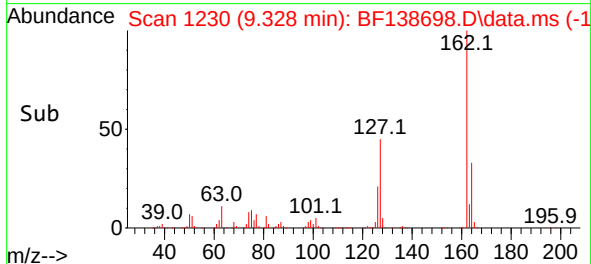
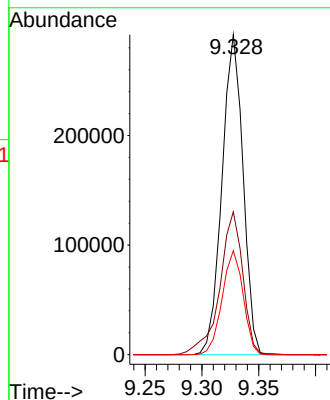
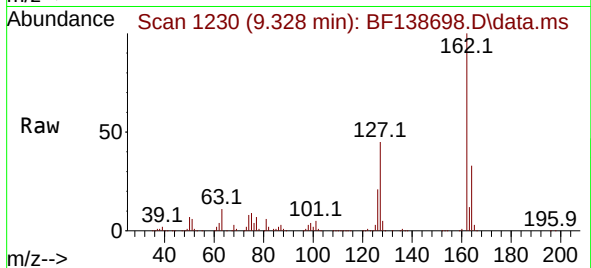
Tgt Ion:162 Resp: 376324

Ion	Ratio	Lower	Upper
162	100		
127	44.6	35.4	53.2
164	32.5	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#48

2-Nitroaniline

Concen: 47.959 ng

RT: 9.428 min Scan# 1247

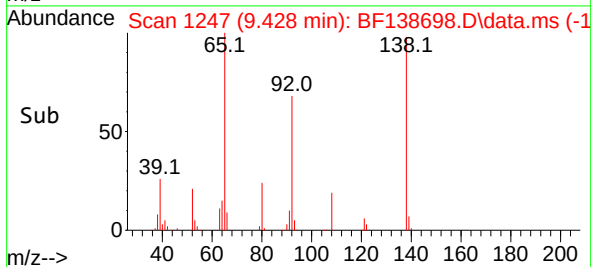
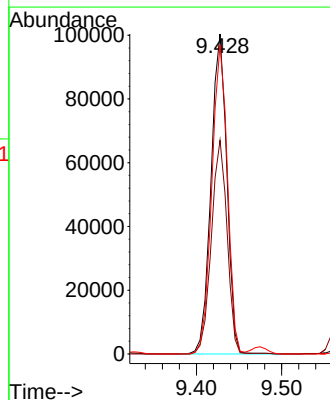
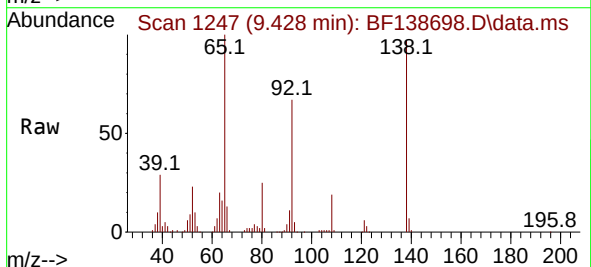
Delta R.T. 0.000 min

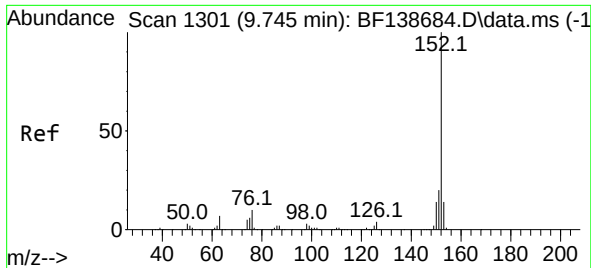
Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion: 65 Resp: 129355

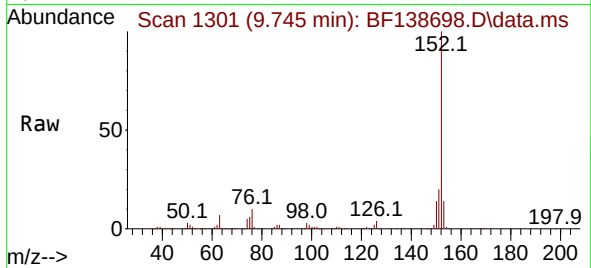
Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.0	78.0
138	96.6	76.2	114.4





#49
Acenaphthylene
Concen: 51.948 ng
RT: 9.745 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

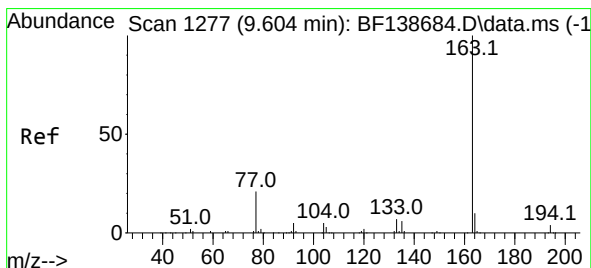
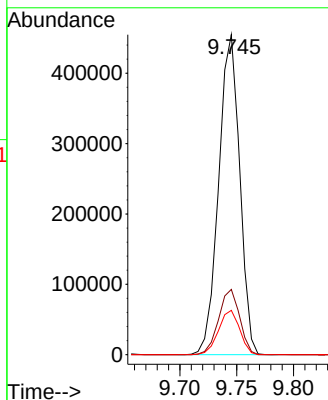
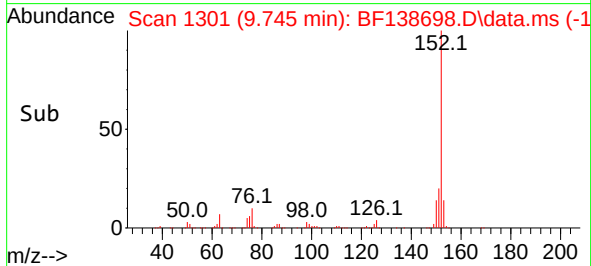
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



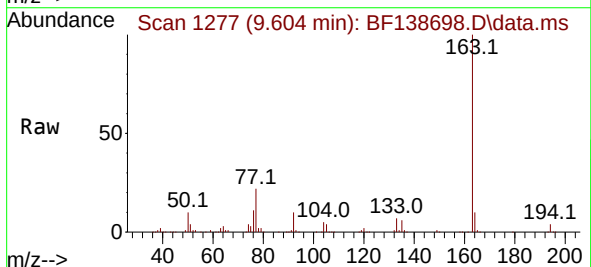
Tgt Ion:152 Resp: 58618
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.9 11.0 16.4

Manual Integrations
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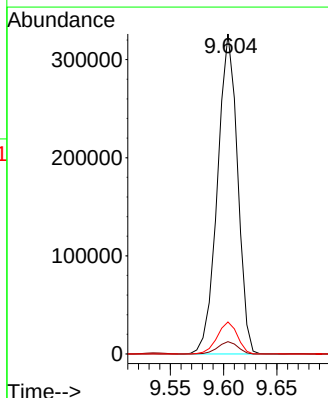
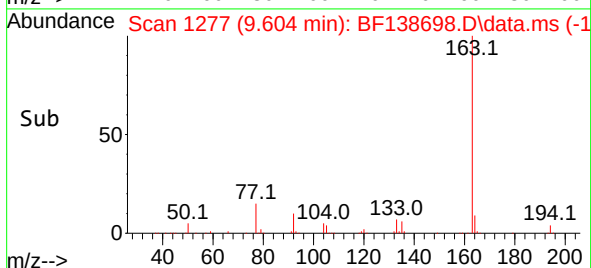
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

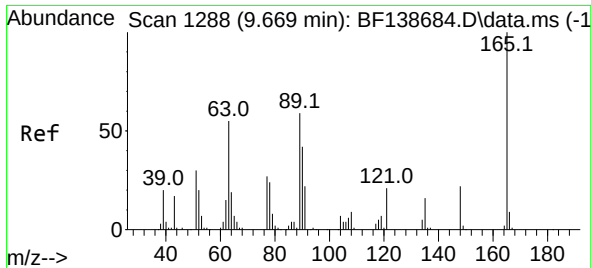


#50
Dimethylphthalate
Concen: 48.940 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



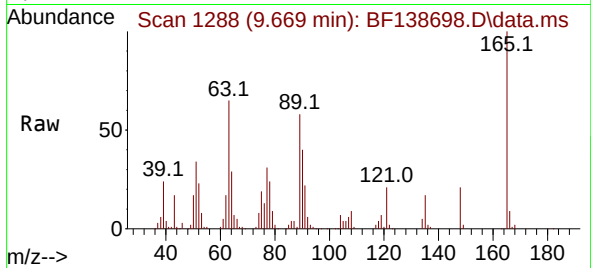
Tgt Ion:163 Resp: 427434
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 47.636 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

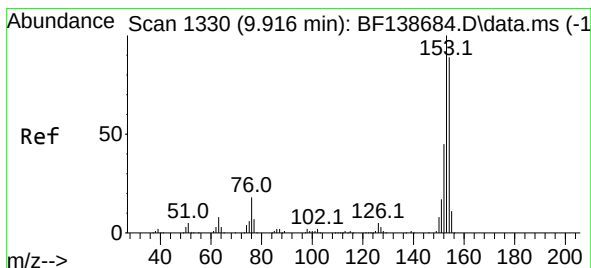
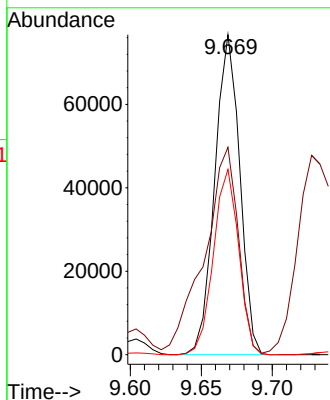
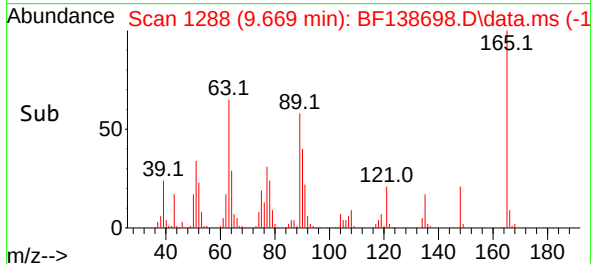
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:165 Resp: 93892
Ion Ratio Lower Upper
165 100
63 64.8 52.0 78.0
89 57.9 47.0 70.6

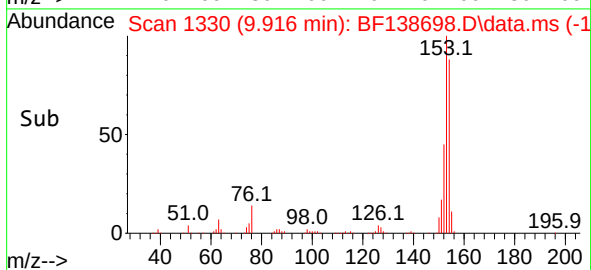
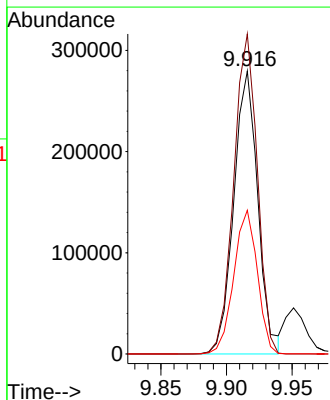
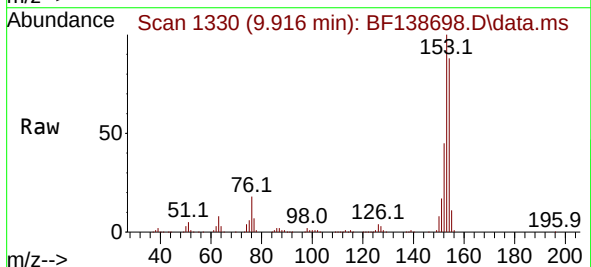
Manual Integrations
APPROVED

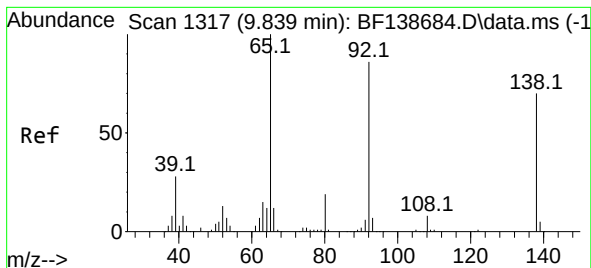
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#52
Acenaphthene
Concen: 47.194 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion:154 Resp: 357983
Ion Ratio Lower Upper
154 100
153 113.1 89.9 134.9
152 50.8 40.6 60.8





#53

3-Nitroaniline

Concen: 33.364 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

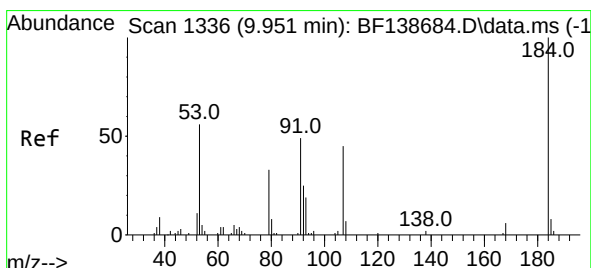
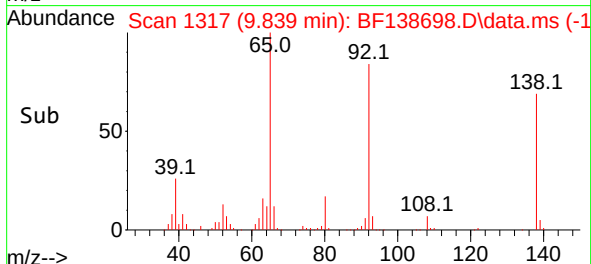
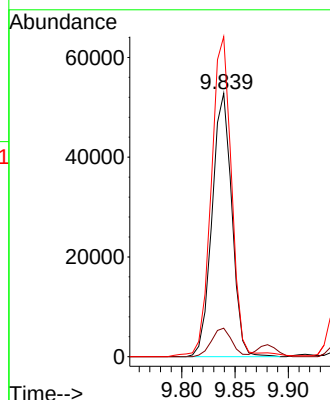
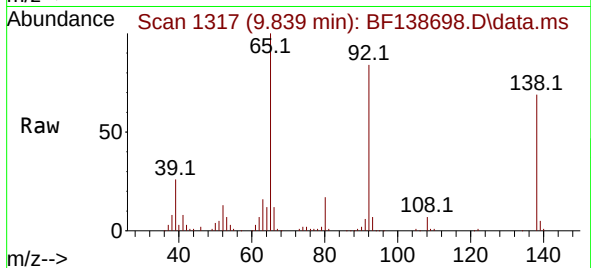
Tgt Ion:138 Resp: 6798

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	121.5	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#54

2,4-Dinitrophenol

Concen: 95.638 ng

RT: 9.951 min Scan# 1336

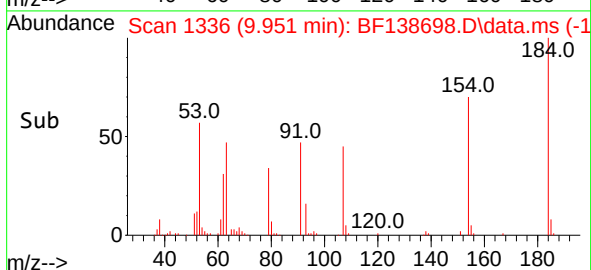
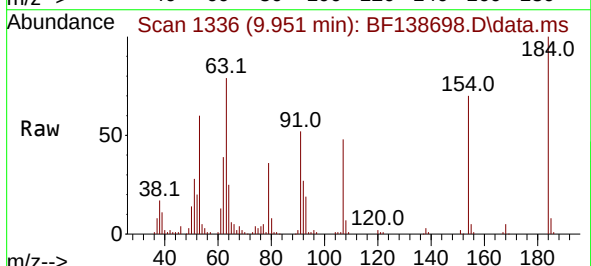
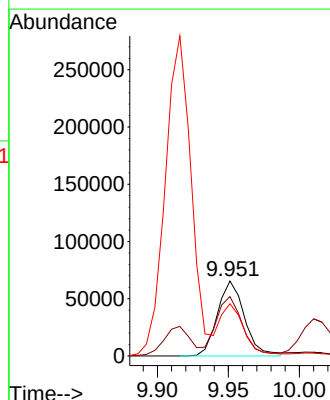
Delta R.T. 0.000 min

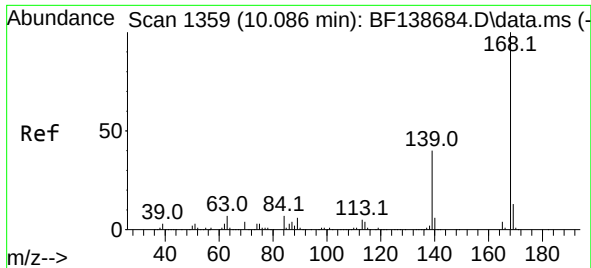
Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion:184 Resp: 86776

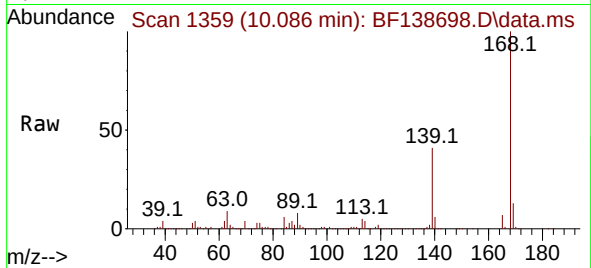
Ion	Ratio	Lower	Upper
184	100		
63	79.3	57.5	86.3
154	69.6	51.7	77.5





#55
Dibenzenofuran
Concen: 47.614 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

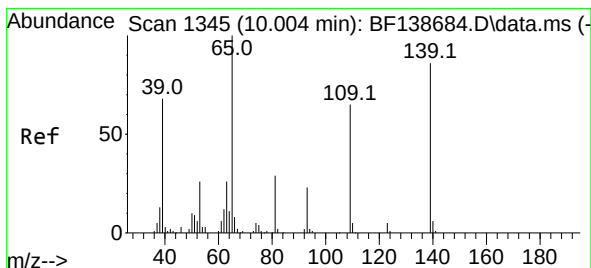
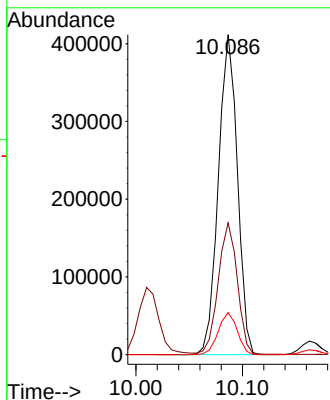
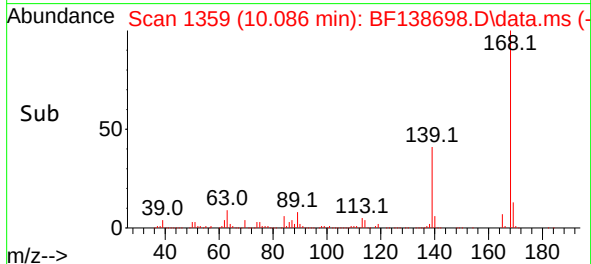
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:168 Resp: 509833
Ion Ratio Lower Upper
168 100
139 41.2 32.6 49.0
169 13.2 10.7 16.1

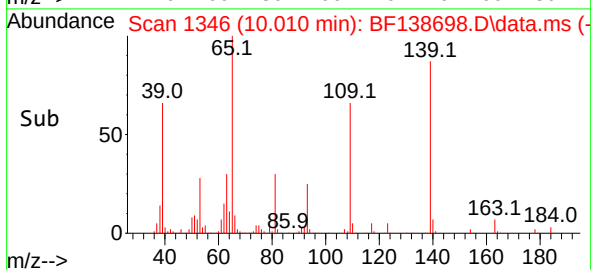
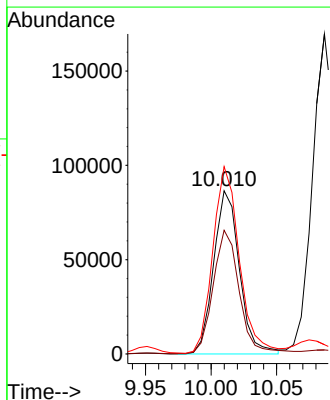
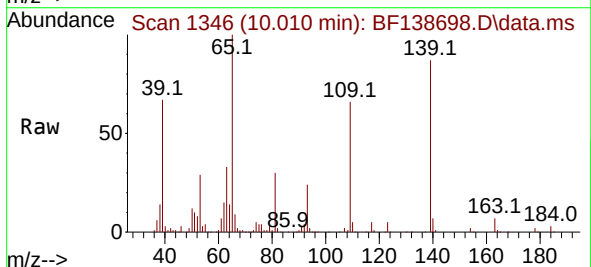
Manual Integrations
APPROVED

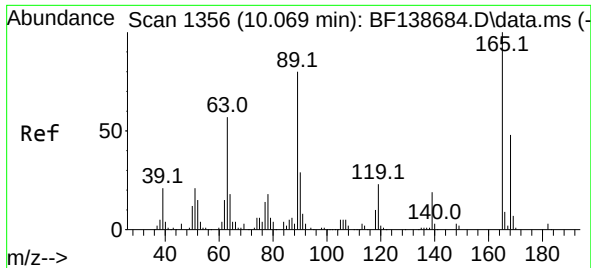
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#56
4-Nitrophenol
Concen: 96.395 ng
RT: 10.010 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

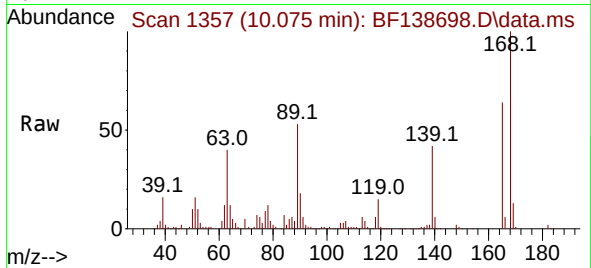
Tgt Ion:139 Resp: 118115
Ion Ratio Lower Upper
139 100
109 75.7 55.5 95.5
65 114.8 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 47.500 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

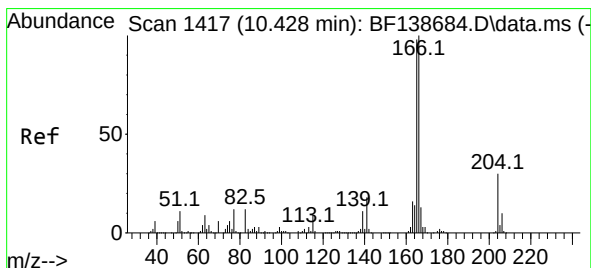
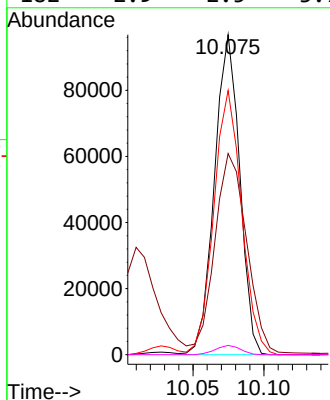
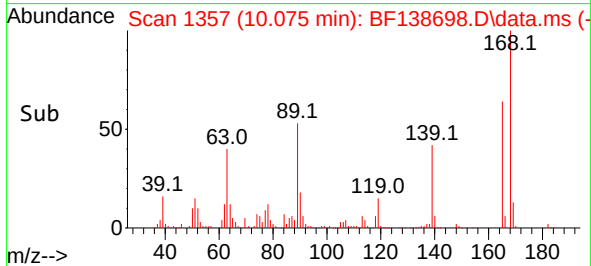
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:165 Resp: 11945
Ion Ratio Lower Upper
165 100
63 62.9 46.3 69.5
89 82.5 64.2 96.4
182 2.9 2.5 3.7

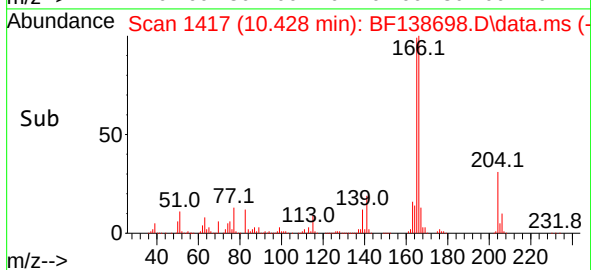
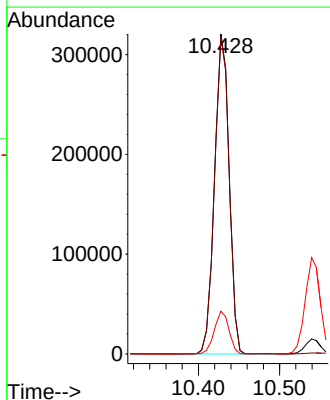
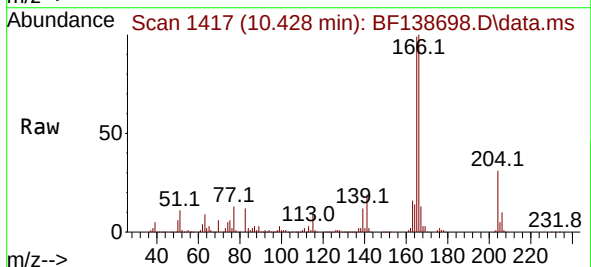
Manual Integrations
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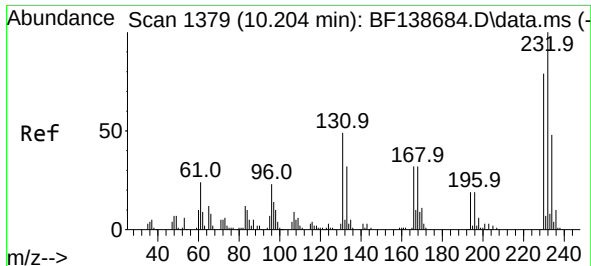
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#58
Fluorene
Concen: 47.127 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

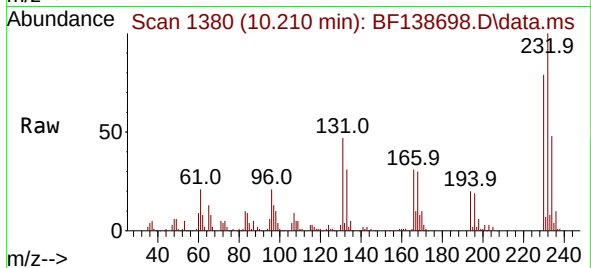
Tgt Ion:166 Resp: 401846
Ion Ratio Lower Upper
166 100
165 99.1 78.4 117.6
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.208 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

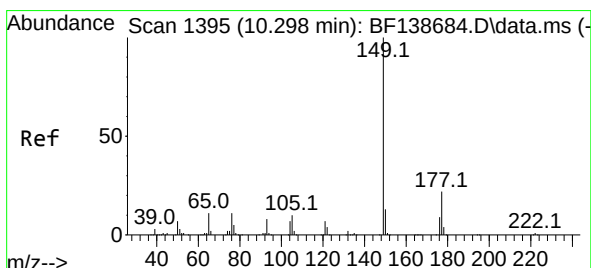
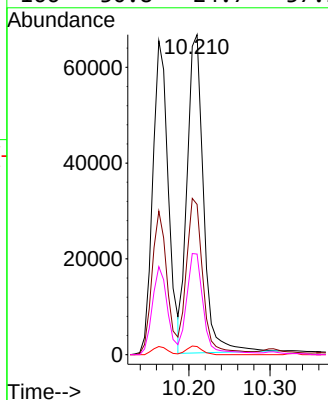
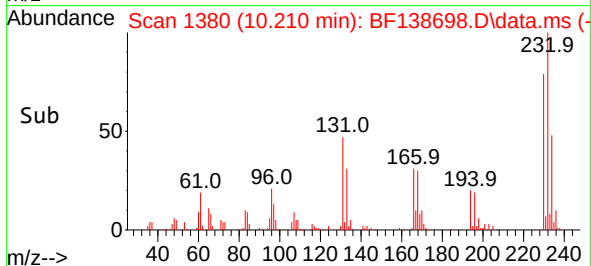
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:232 Resp: 9321
Ion Ratio Lower Upper
232 100
131 48.9 37.0 55.4
130 2.6 2.0 3.0
166 30.8 24.7 37.1

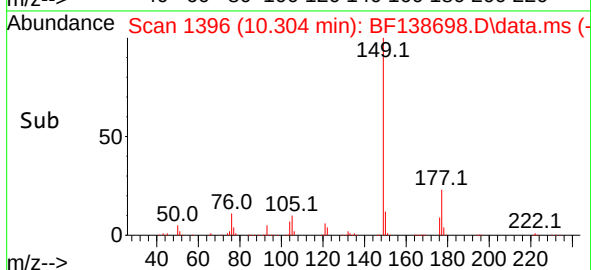
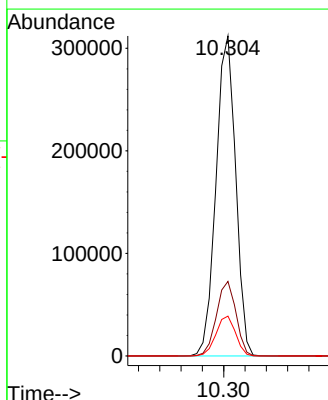
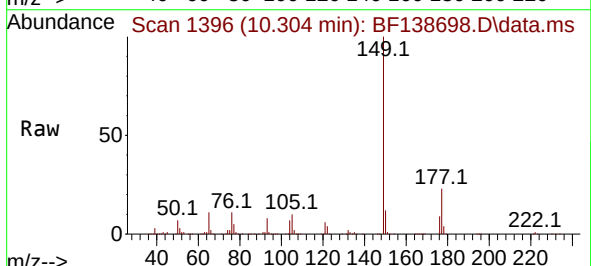
Manual Integrations
APPROVED

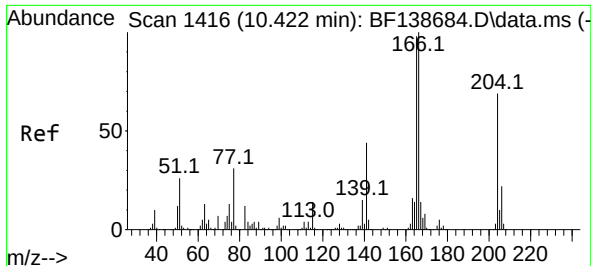
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#60
Diethylphthalate
Concen: 48.163 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

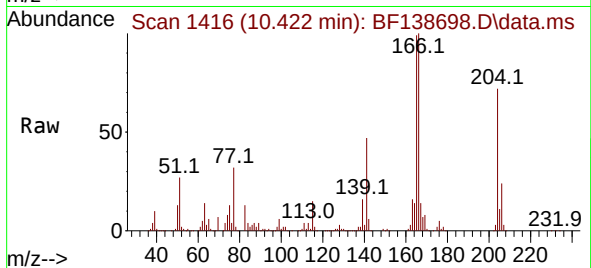
Tgt Ion:149 Resp: 398841
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.746 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

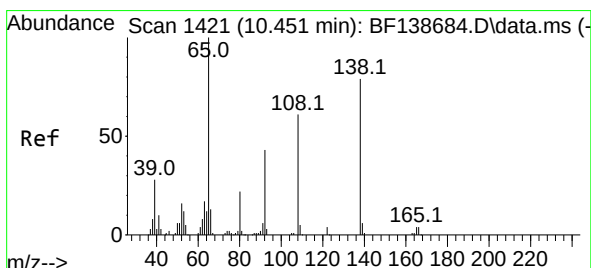
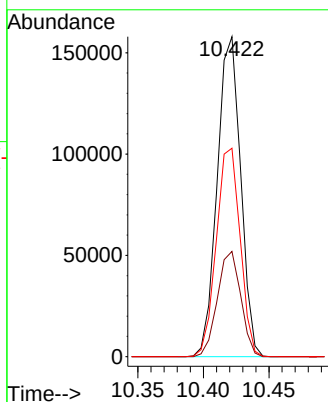
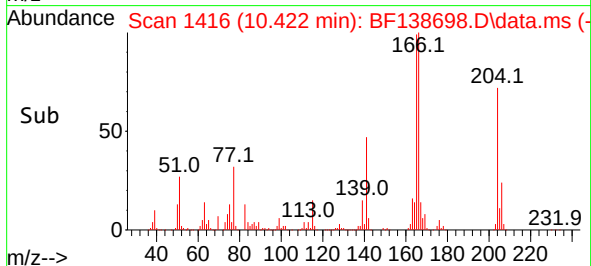
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:204 Resp: 196035
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 65.1 51.4 77.0

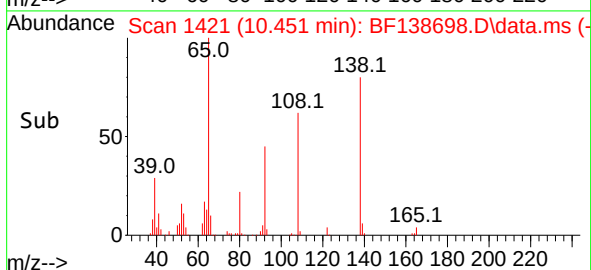
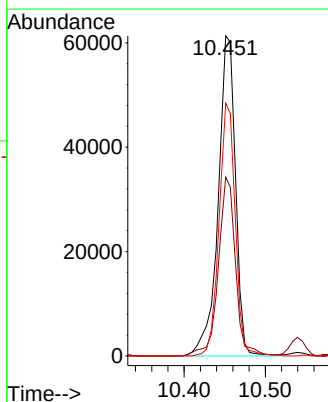
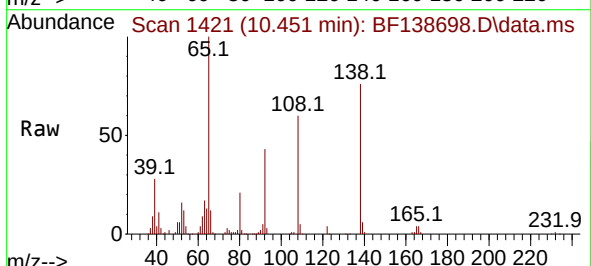
Manual Integrations
APPROVED

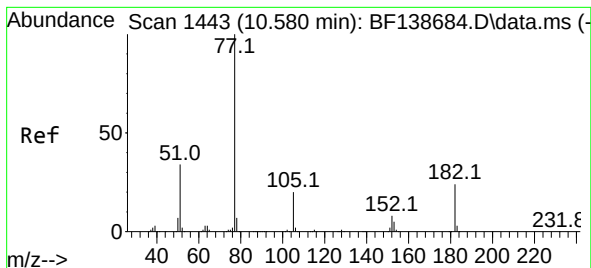
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#62
4-Nitroaniline
Concen: 47.208 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

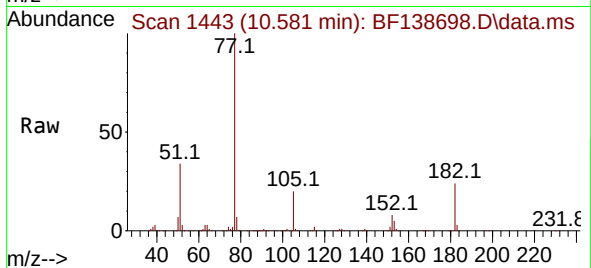
Tgt Ion:138 Resp: 91413
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 79.0 56.2 96.2





#63
Azobenzene
Concen: 48.356 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

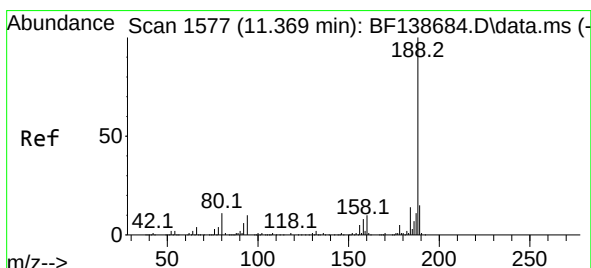
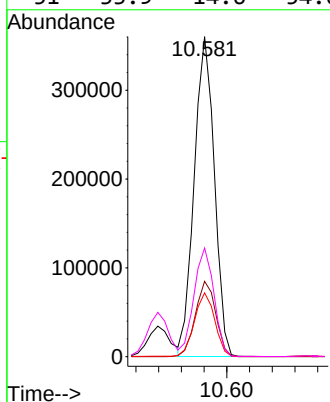
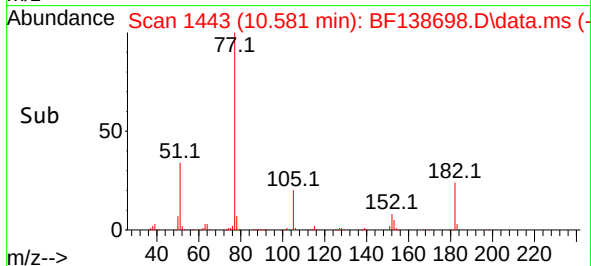
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



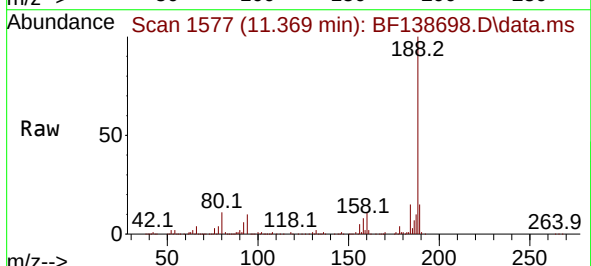
Tgt Ion: 77 Resp: 444124
Ion Ratio Lower Upper
77 100
182 23.6 3.4 43.4
105 20.0 0.2 40.2
51 33.9 14.6 54.6

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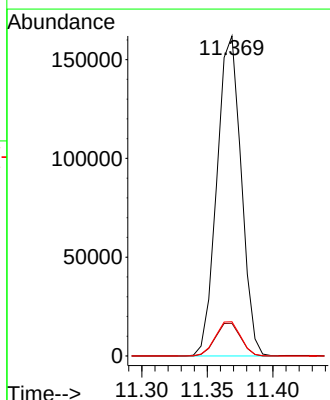
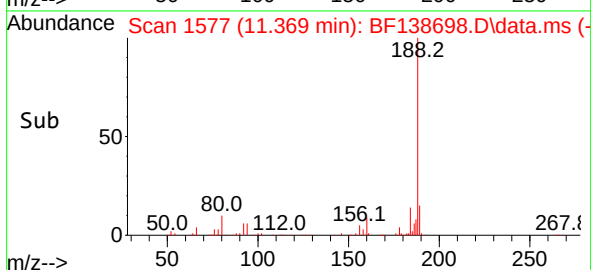
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

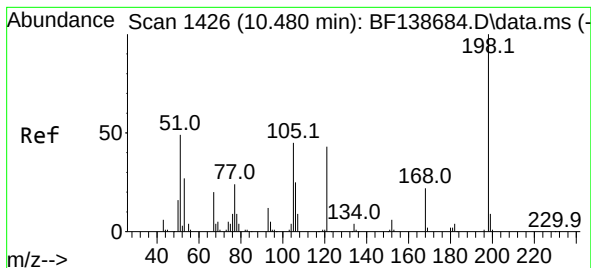


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



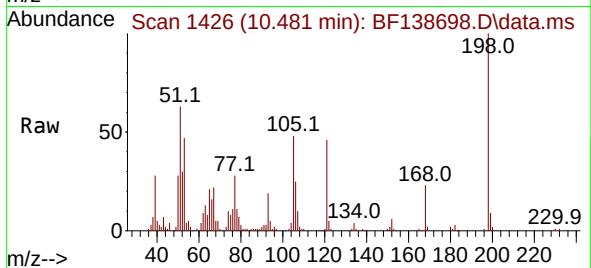
Tgt Ion:188 Resp: 208858
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 51.726 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

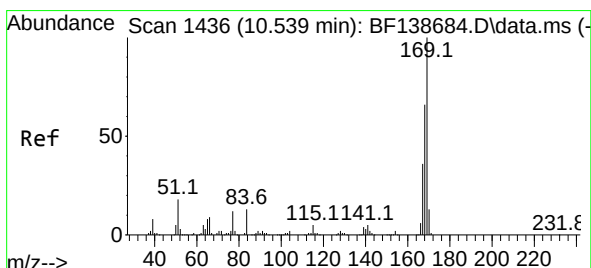
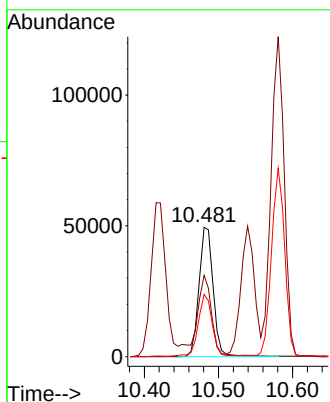
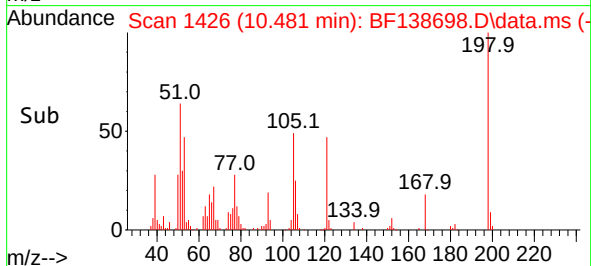
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



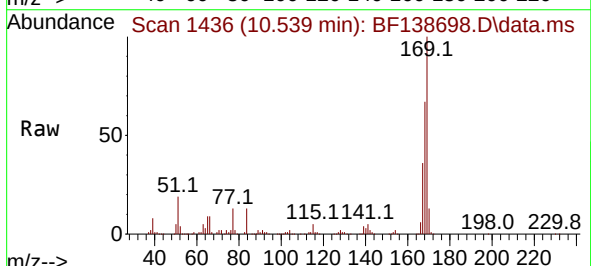
Tgt Ion:198 Resp: 65910
Ion Ratio Lower Upper
198 100
51 62.8 39.9 79.9
105 48.1 26.1 66.1

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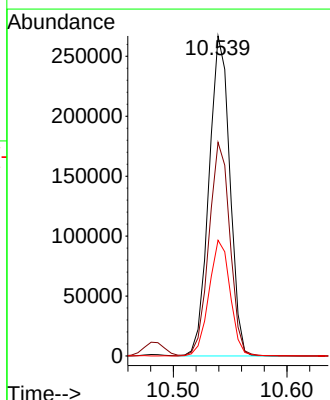
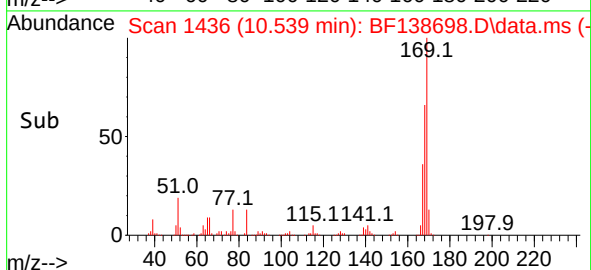
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

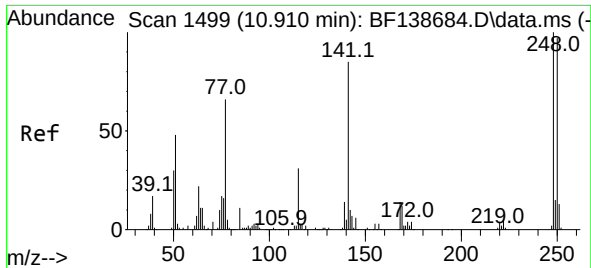


#66
n-Nitrosodiphenylamine
Concen: 52.118 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



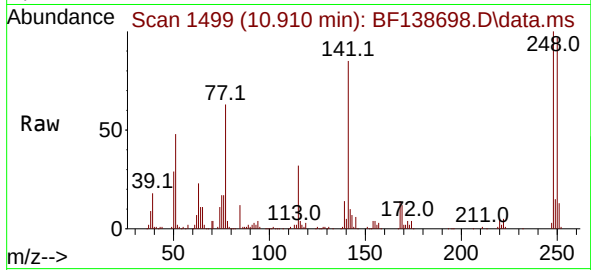
Tgt Ion:169 Resp: 340250
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.789 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

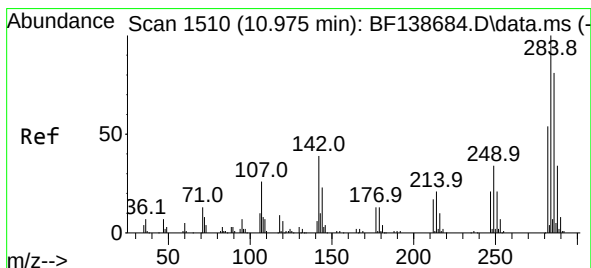
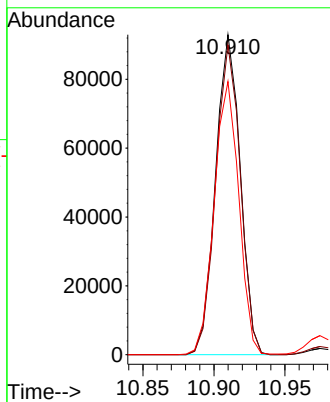
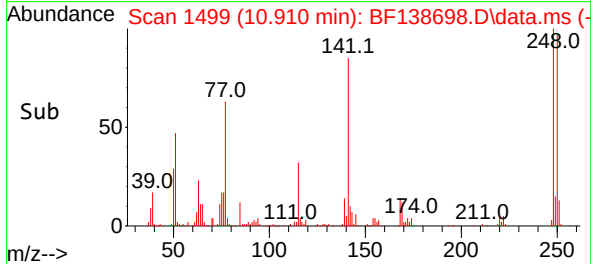
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



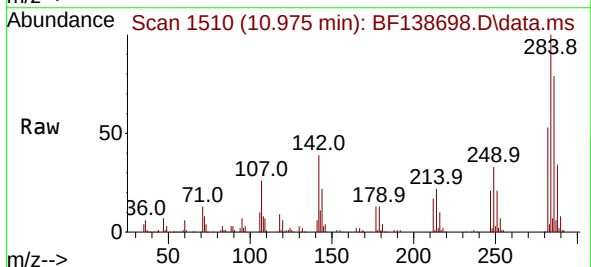
Tgt Ion:248 Resp: 112580
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 85.4 68.0 102.0

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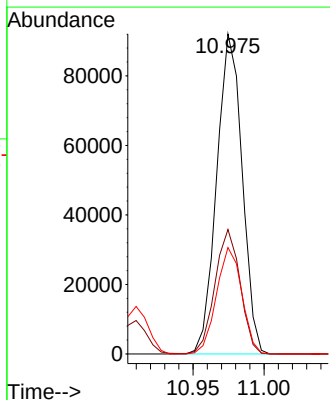
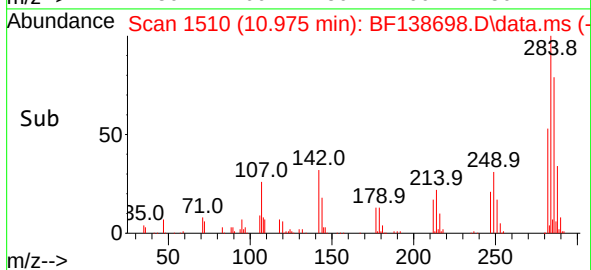
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

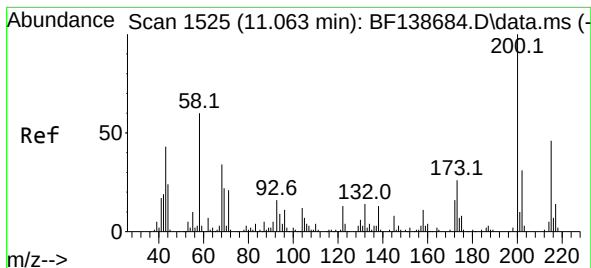


#68
Hexachlorobenzene
Concen: 49.060 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



Tgt Ion:284 Resp: 114544
Ion Ratio Lower Upper
284 100
142 38.9 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 56.408 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

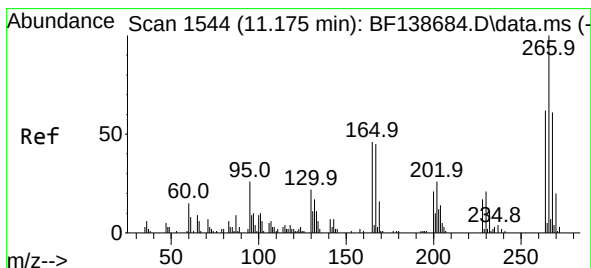
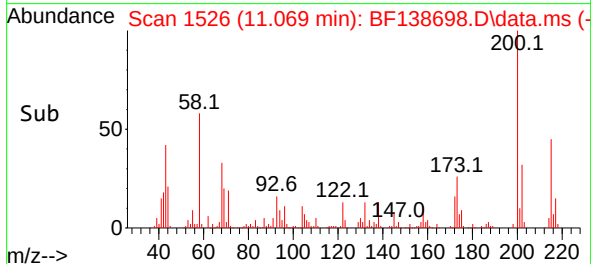
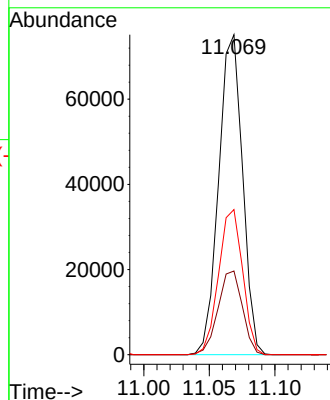
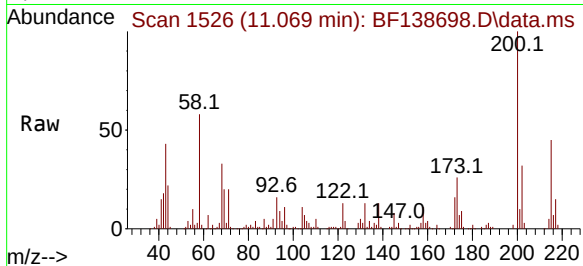
Tgt Ion:200 Resp: 9501

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.0	46.0
215	45.4	26.1	66.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#70

Pentachlorophenol

Concen: 97.003 ng

RT: 11.175 min Scan# 1544

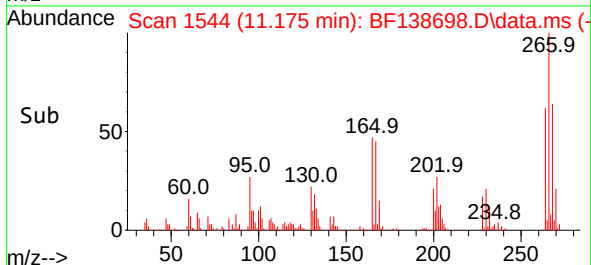
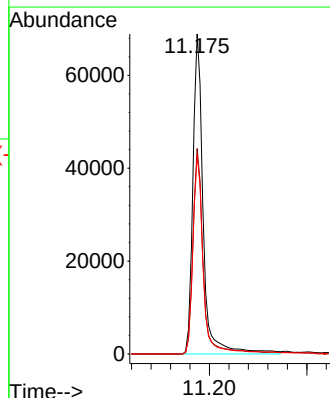
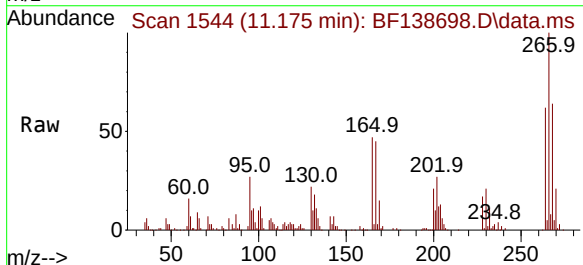
Delta R.T. -0.000 min

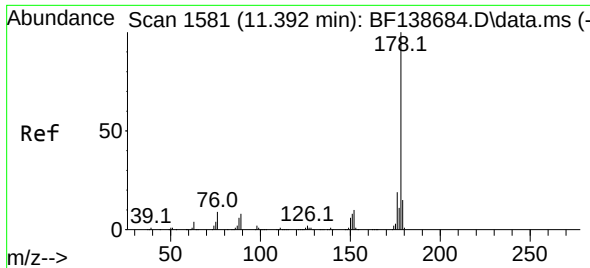
Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion:266 Resp: 102085

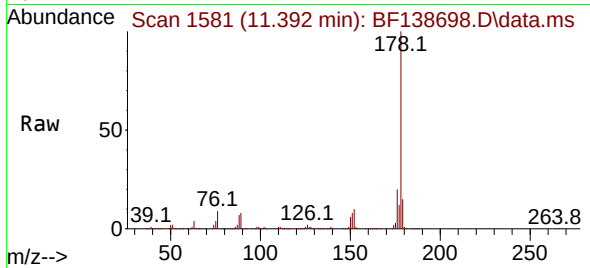
Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.2	73.8
264	62.3	49.8	74.6





#71
Phenanthrene
Concen: 50.456 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

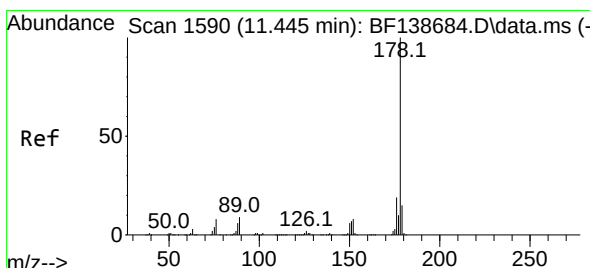
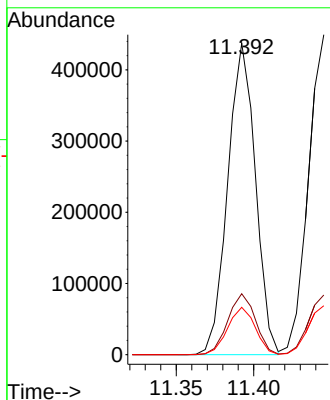
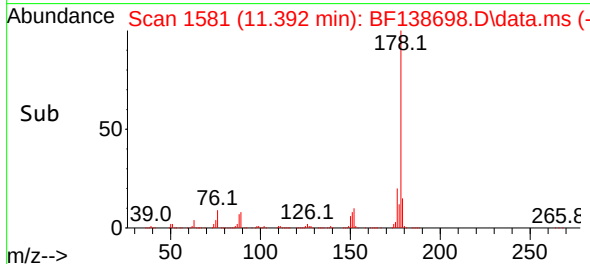
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:178 Resp: 54263
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.2 12.2 18.2

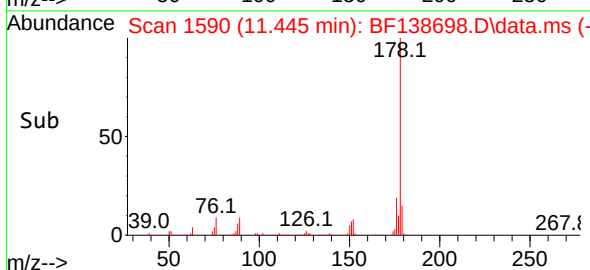
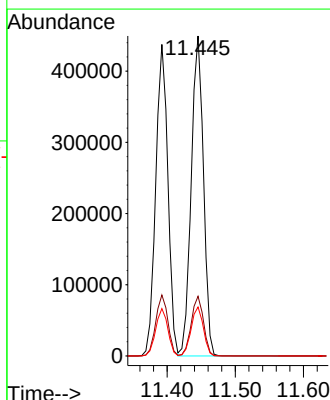
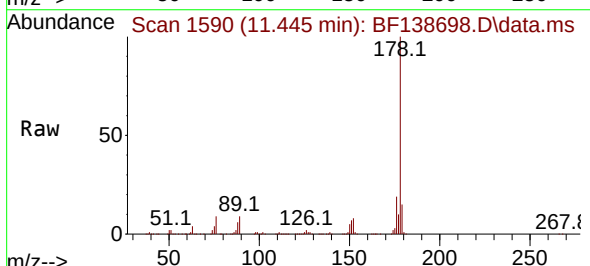
Manual Integrations
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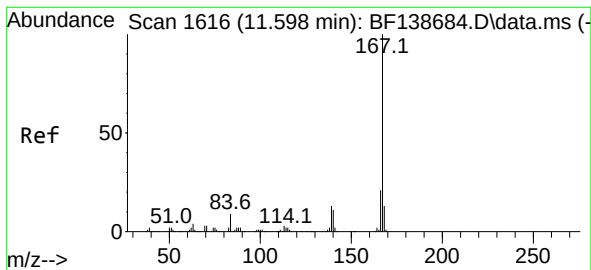
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#72
Anthracene
Concen: 52.801 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion:178 Resp: 559408
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 50.663 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138698.D

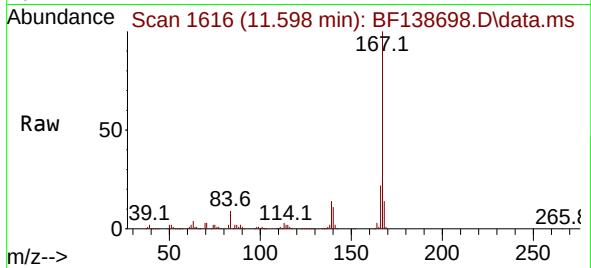
Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:167 Resp: 463088

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

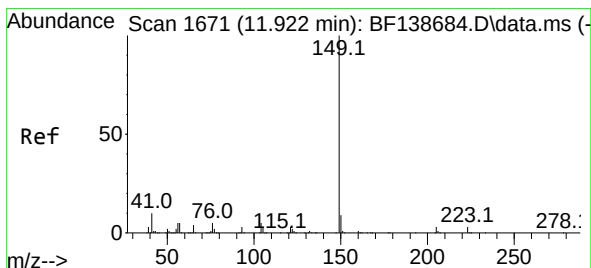
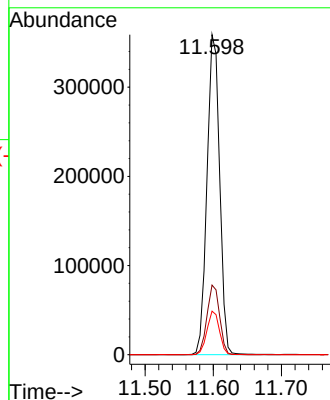
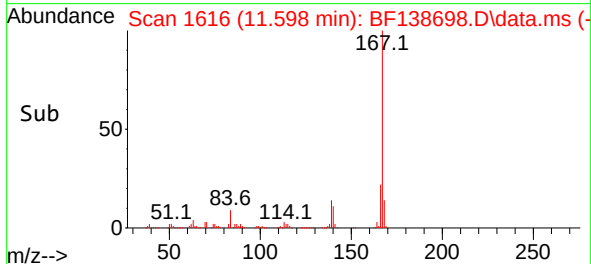
139 13.6 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024

Supervised By :mohammad ahmed 08/03/2024



#74

Di-n-butylphthalate

Concen: 56.256 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

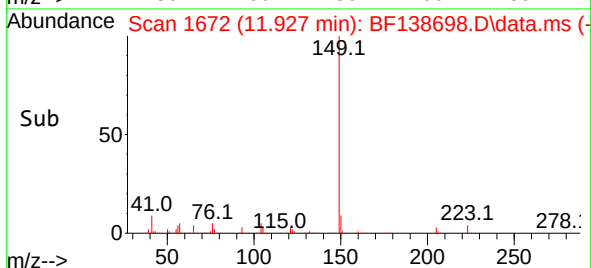
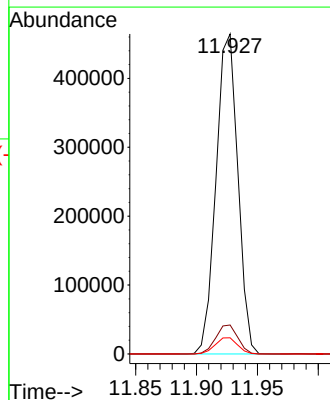
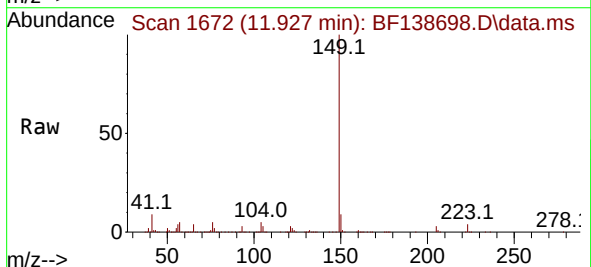
Tgt Ion:149 Resp: 578055

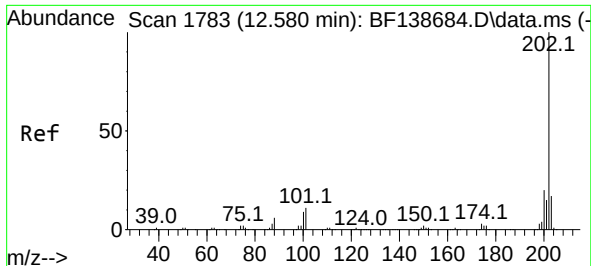
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

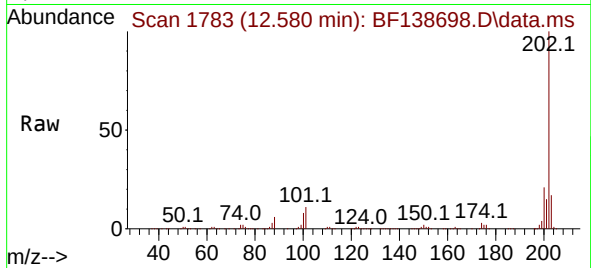
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 52.003 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

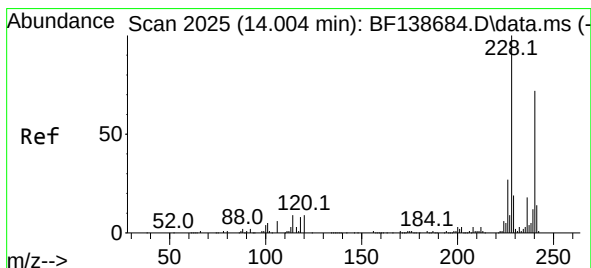
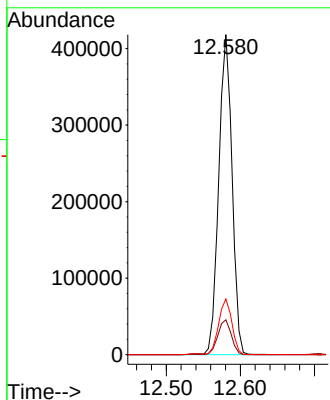
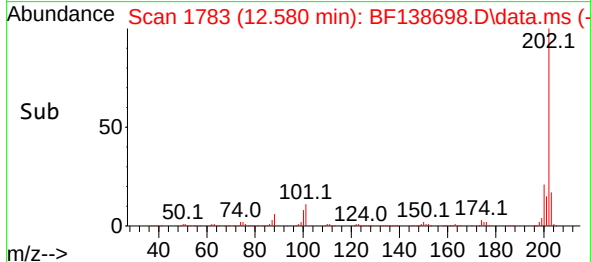
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:202 Resp: 522100
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.2
203 17.4 0.0 37.3

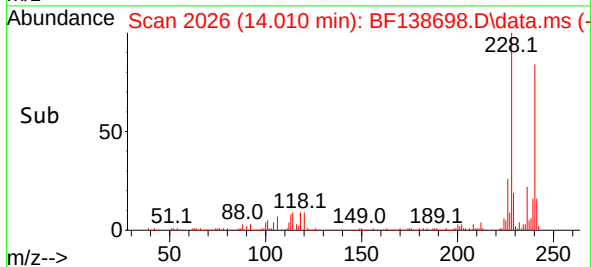
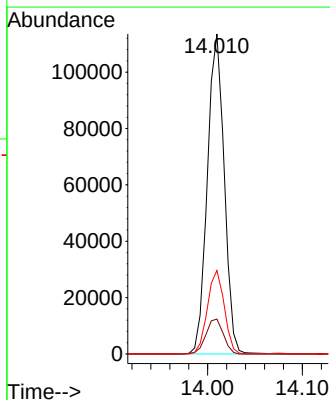
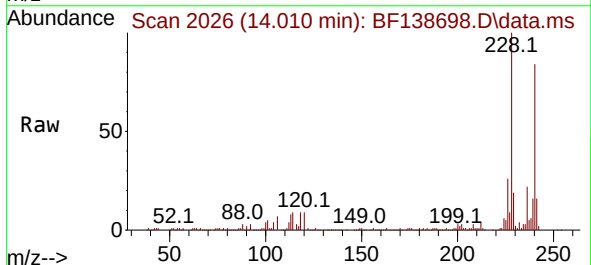
Manual Integrations
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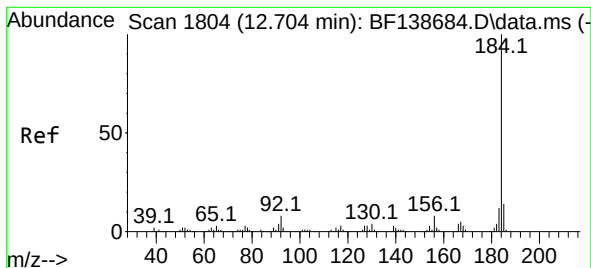
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion:240 Resp: 140105
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 26.1 19.8 29.8





#77

Benzidine

Concen: 60.423 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138698.D

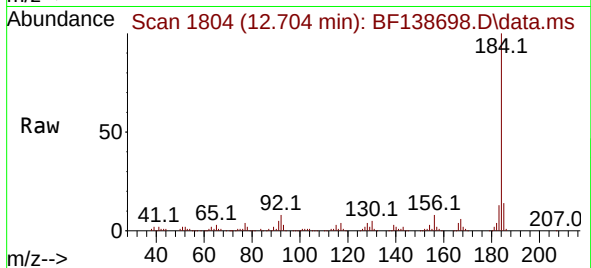
Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624MSD

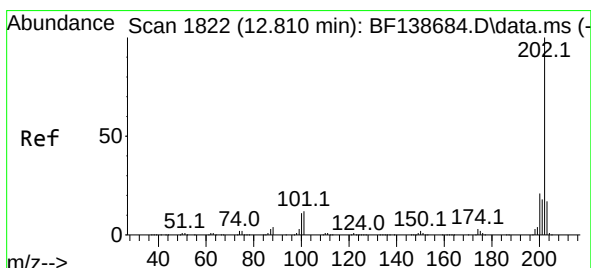
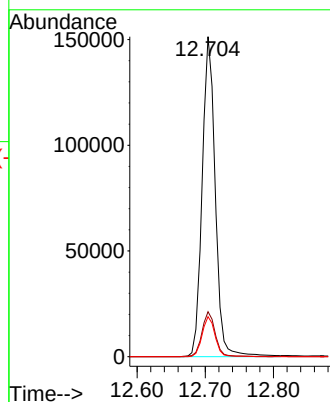
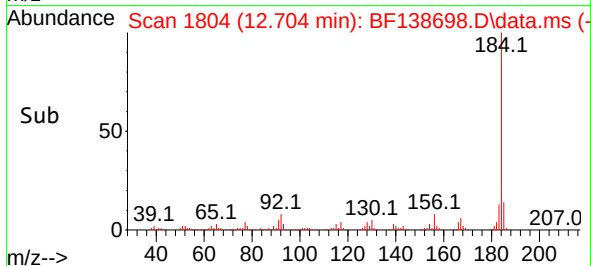


Tgt Ion:184	Resp:	20248
Ion Ratio	Lower	Upper
184	100	
185	14.0	11.1 16.7
183	12.5	9.6 14.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#78

Pyrene

Concen: 39.743 ng

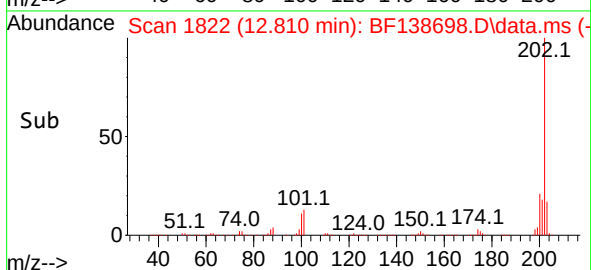
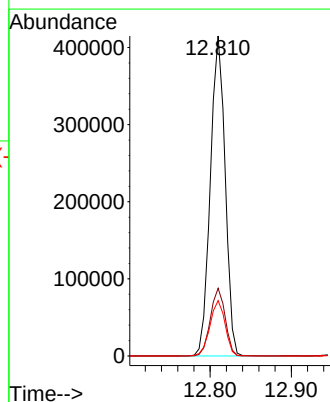
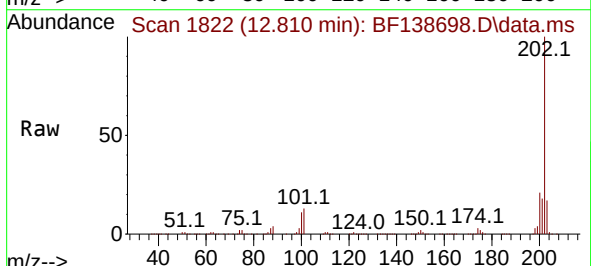
RT: 12.810 min Scan# 1822

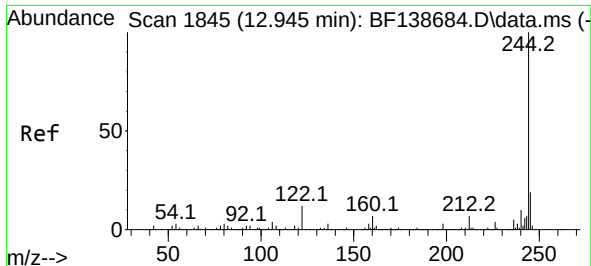
Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

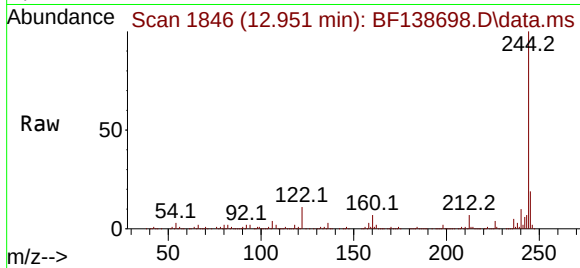
Tgt Ion:202	Resp:	524267
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.8 25.2
203	17.3	13.8 20.6





#79
 Terphenyl-d14
 Concen: 66.571 ng
 RT: 12.951 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: BF138698.D
 Acq: 31 Jul 2024 12:59

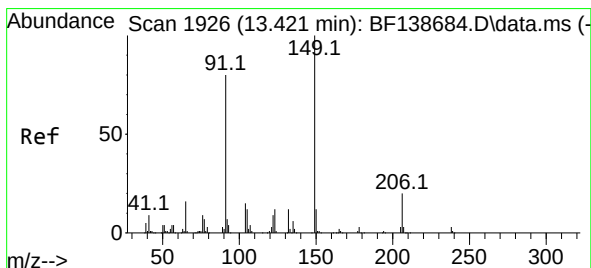
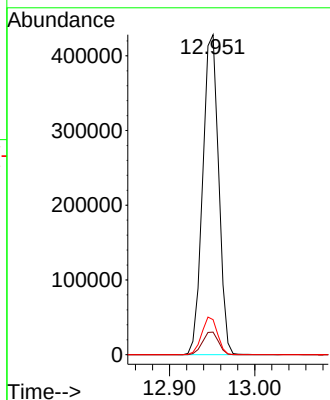
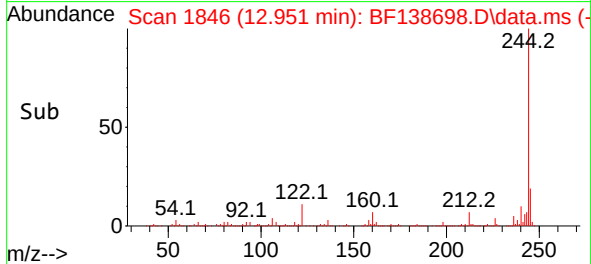
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:244 Resp: 55707
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.9 9.6 14.4

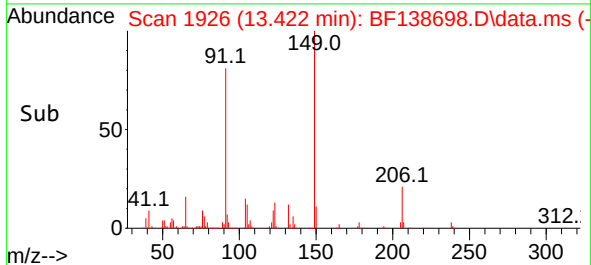
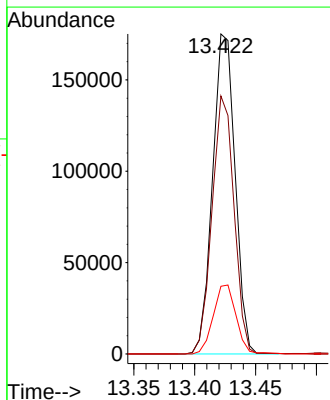
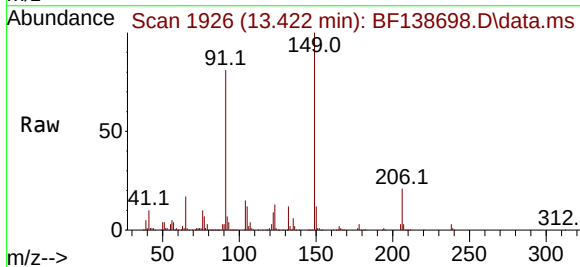
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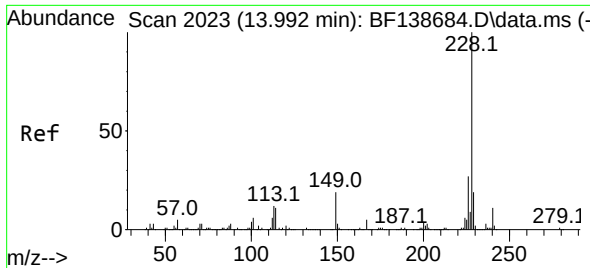
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#80
 Butylbenzylphthalate
 Concen: 53.411 ng
 RT: 13.422 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF138698.D
 Acq: 31 Jul 2024 12:59

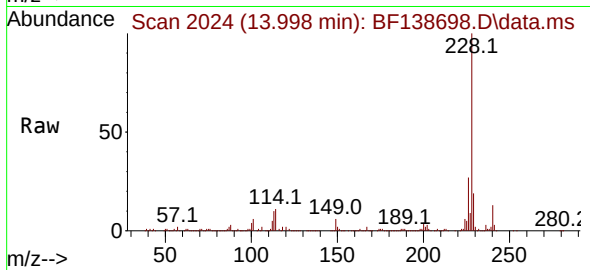
Tgt Ion:149 Resp: 225622
 Ion Ratio Lower Upper
 149 100
 91 80.6 63.7 95.5
 206 21.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 50.569 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

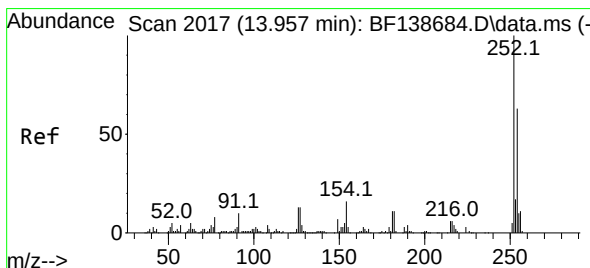
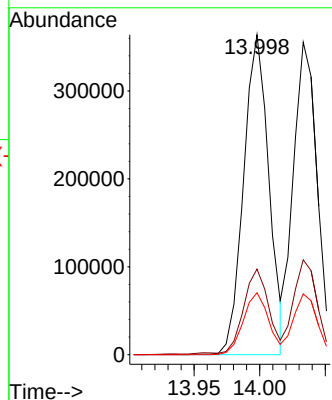
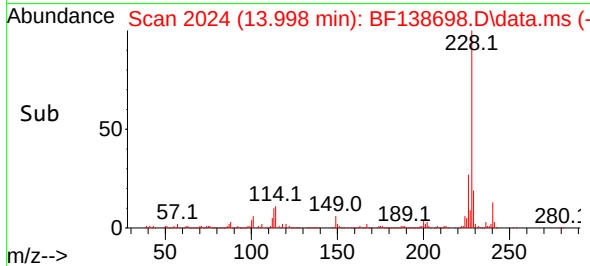
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



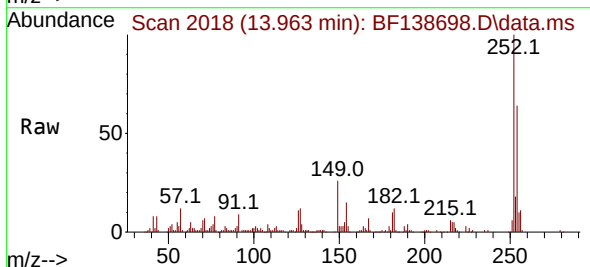
Tgt Ion:228 Resp: 48788
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.3 15.4 23.0

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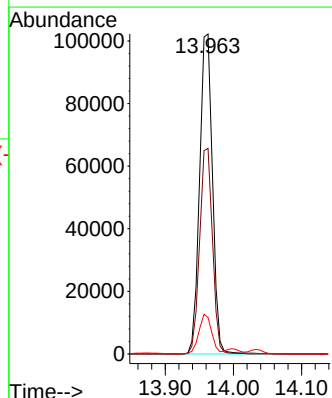
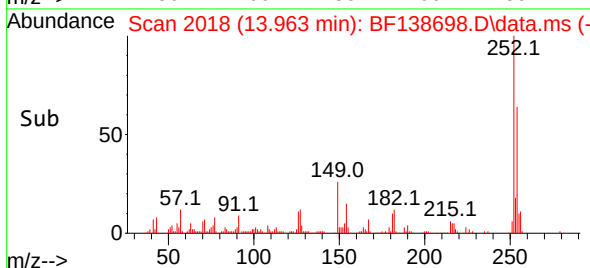
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

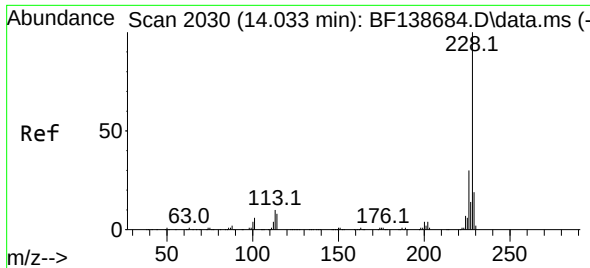


#82
3,3'-Dichlorobenzidine
Concen: 54.481 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



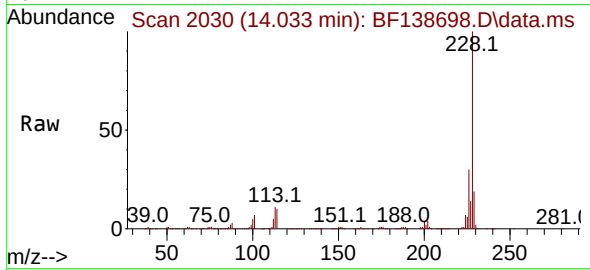
Tgt Ion:252 Resp: 134511
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 11.4 10.2 15.2





#83
Chrysene
Concen: 51.288 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

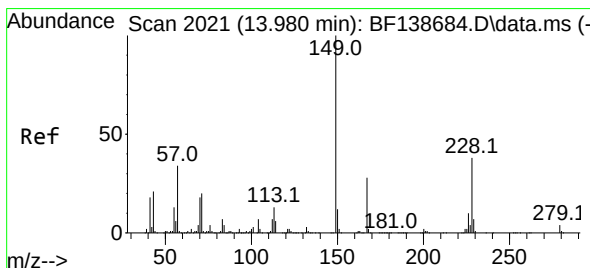
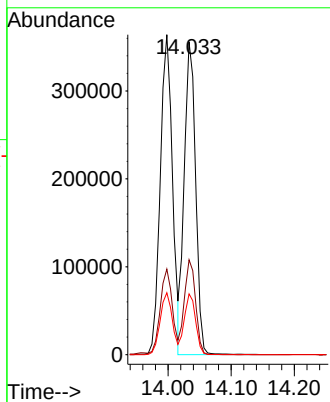
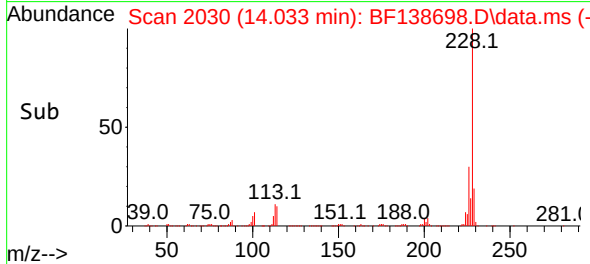
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



Tgt Ion:228 Resp: 446423
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.5 15.0 22.6

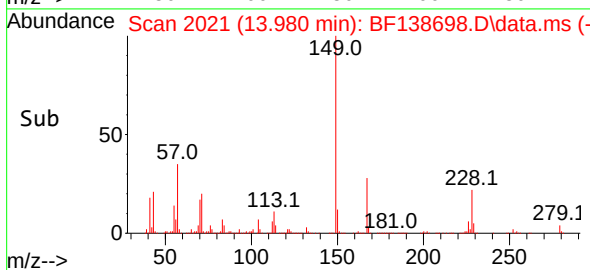
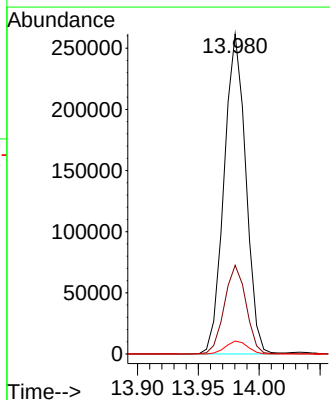
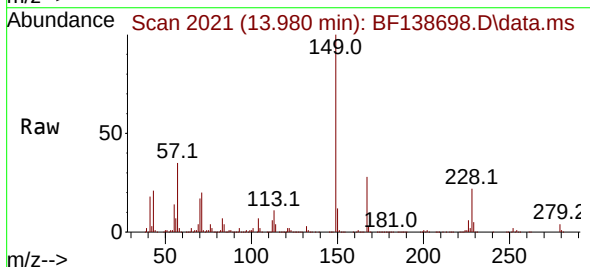
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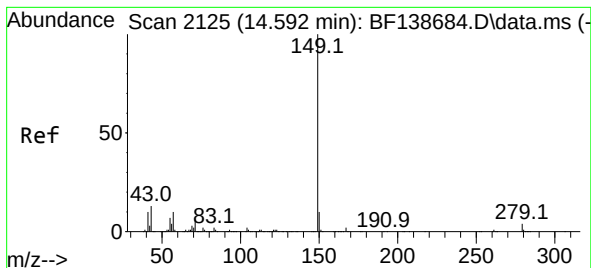
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.599 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

Tgt Ion:149 Resp: 325363
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 51.861 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

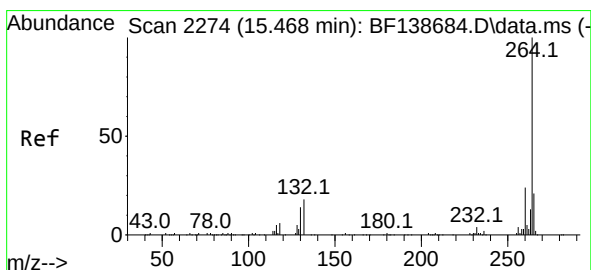
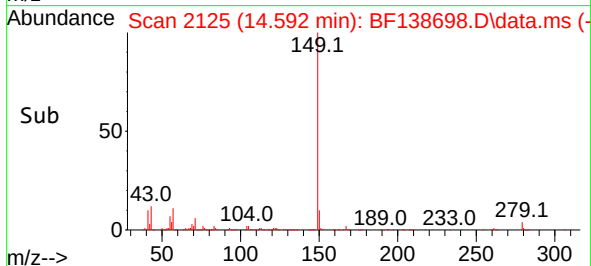
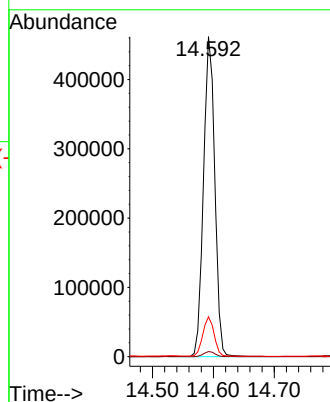
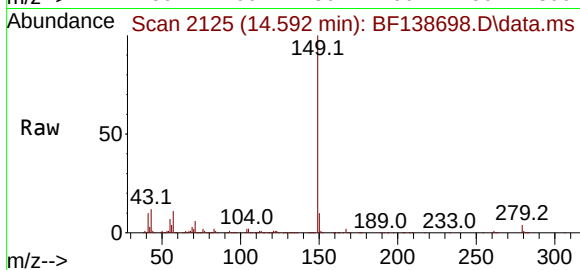
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:	149	Resp:	593524
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	12.4	10.4	15.6

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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#86

Perylene-d12

Concen: 20.000 ng

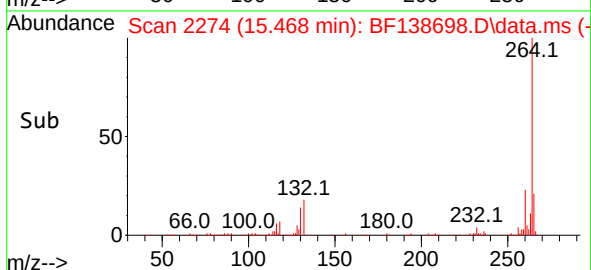
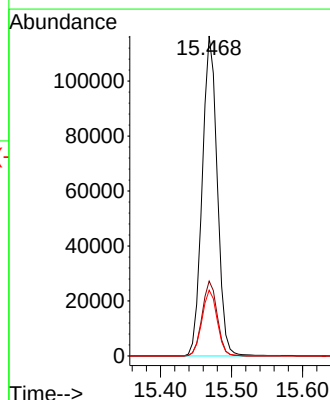
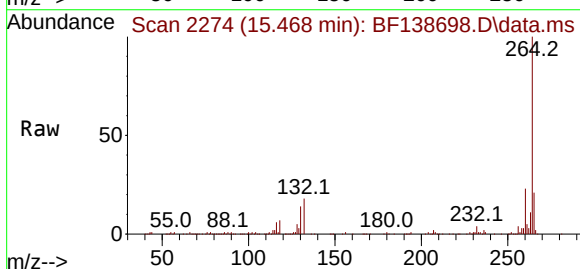
RT: 15.468 min Scan# 2274

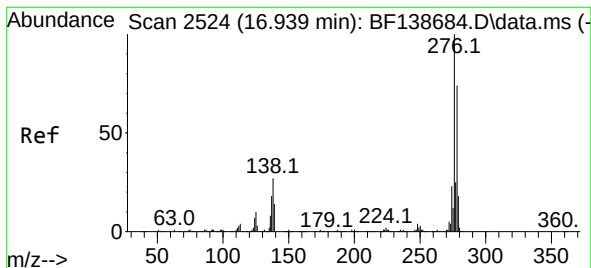
Delta R.T. 0.000 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Tgt Ion:	264	Resp:	171938
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.6
265	20.6	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.793 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

Instrument :

BNA_F

ClientSampleId :

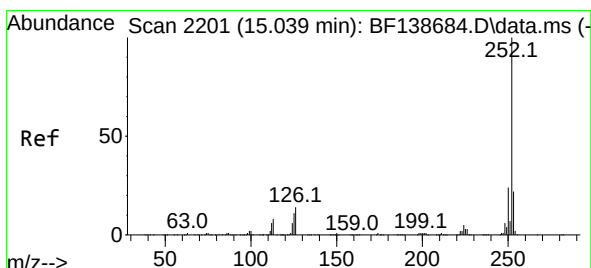
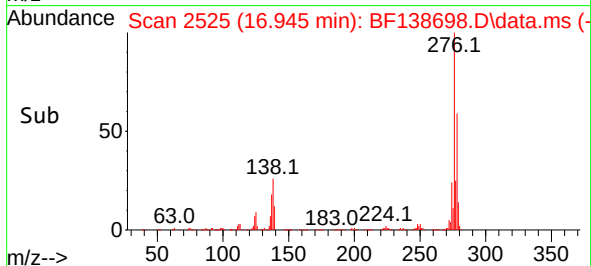
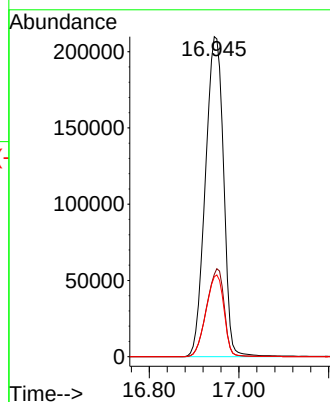
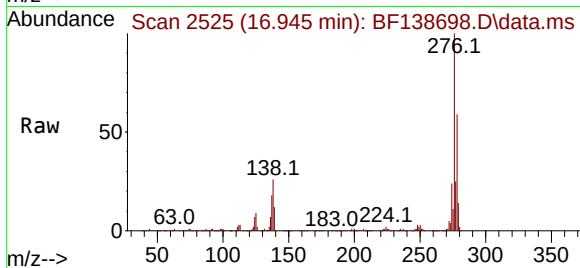
S-852-GI-SO-9.5-10-072624MSD

Tgt Ion:	276	Resp:	58888
Ion Ratio	Lower	Upper	
276	100		
138	26.8	21.8	32.8
277	25.3	20.6	30.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#88

Benzo(b)fluoranthene

Concen: 51.268 ng

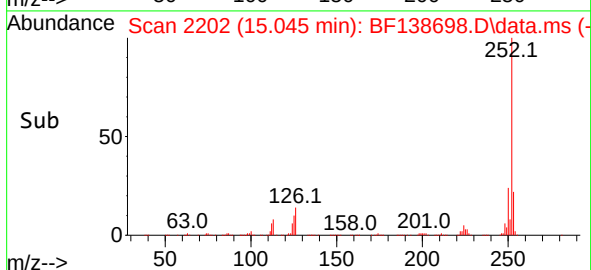
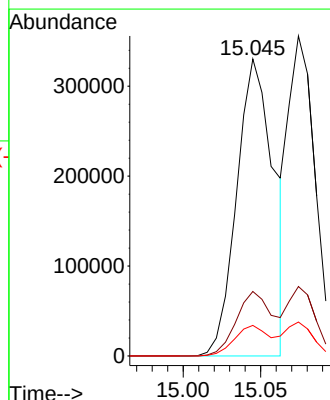
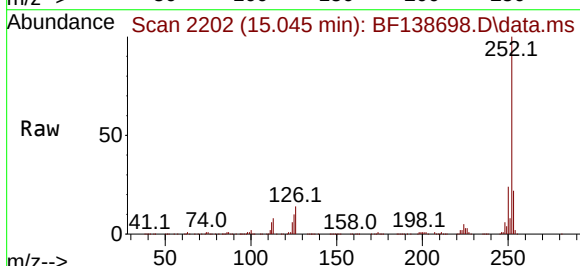
RT: 15.045 min Scan# 2202

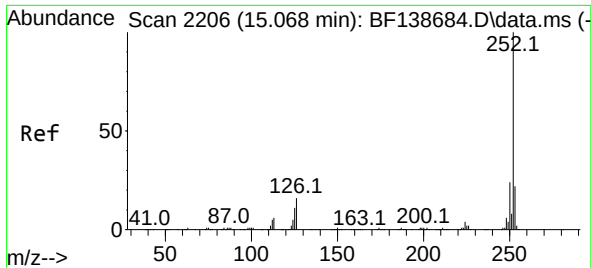
Delta R.T. 0.006 min

Lab File: BF138698.D

Acq: 31 Jul 2024 12:59

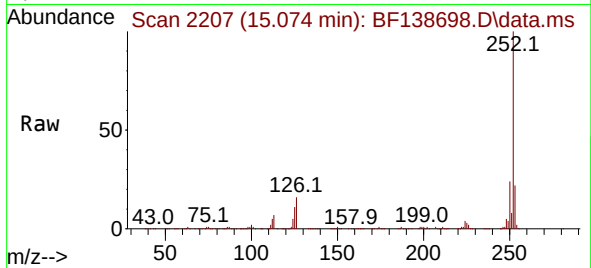
Tgt Ion:	252	Resp:	546436
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	10.3	8.9	13.3





#89
Benzo(k)fluoranthene
Concen: 46.459 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

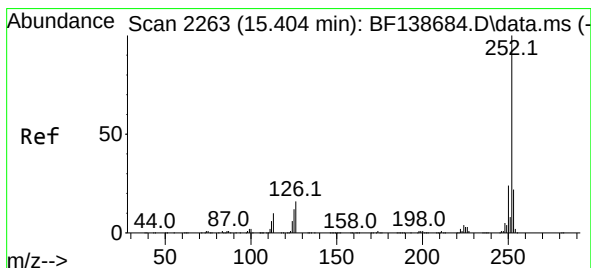
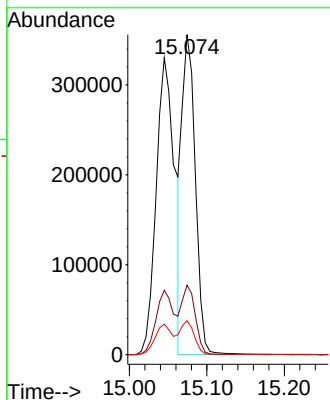
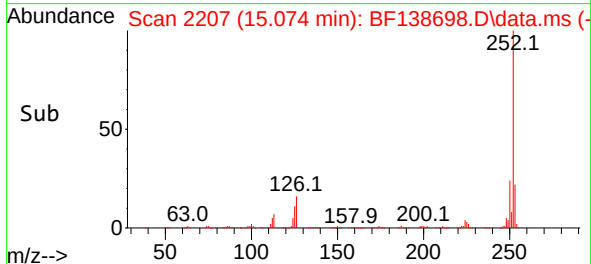
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



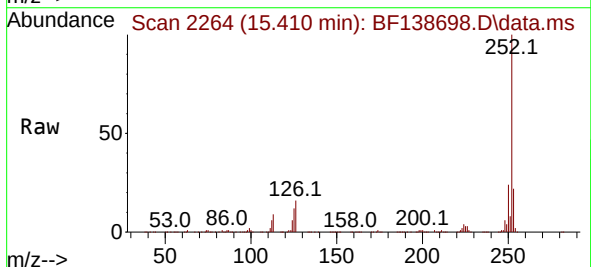
Tgt Ion:252 Resp: 428739
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.6 8.6 13.0

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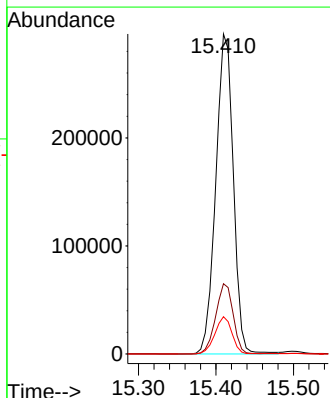
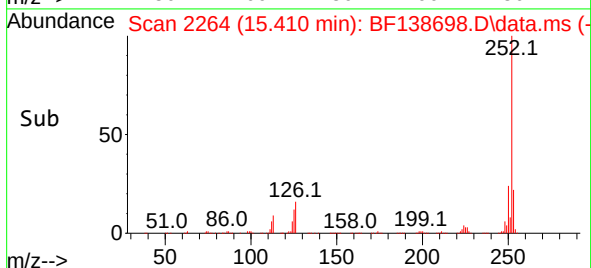
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

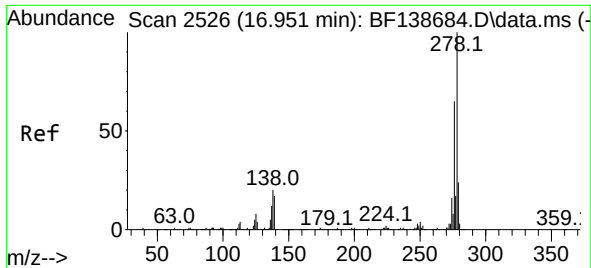


#90
Benzo(a)pyrene
Concen: 52.086 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



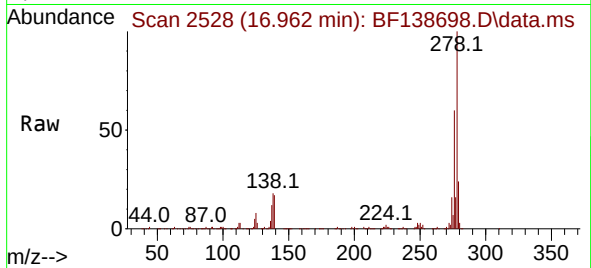
Tgt Ion:252 Resp: 466970
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.7 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.844 ng
RT: 16.962 min Scan# 2526
Delta R.T. 0.012 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59

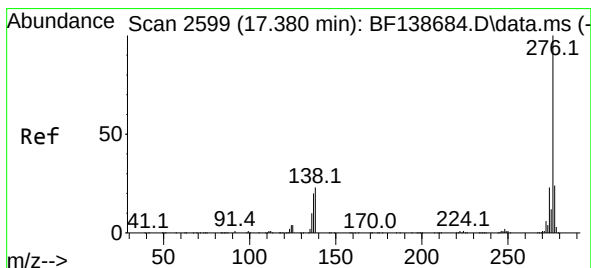
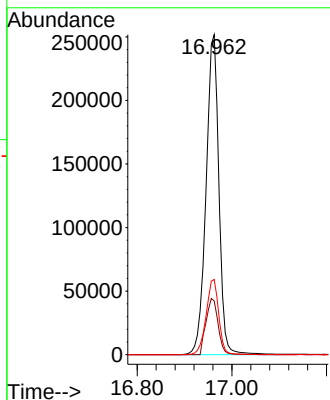
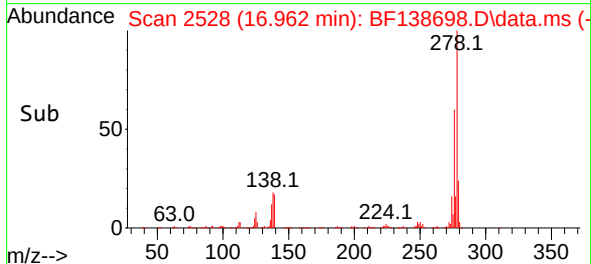
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MSD



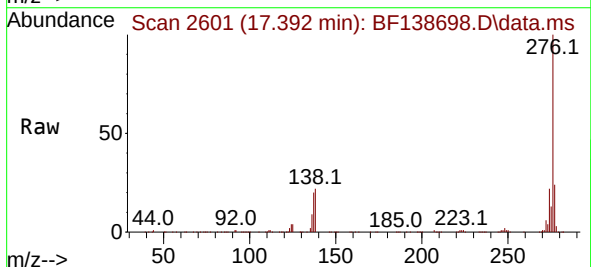
Tgt Ion:278 Resp: 473800
Ion Ratio Lower Upper
278 100
139 16.8 14.0 21.0
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#92
Benzo(g,h,i)perylene
Concen: 43.785 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138698.D
Acq: 31 Jul 2024 12:59



Tgt Ion:276 Resp: 459560
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 22.3 18.5 27.7

