

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138697.D
 Acq On : 31 Jul 2024 12:10
 Operator : RC/JU
 Sample : P3393-12MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 31 12:37:58 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	65540	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	251248	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122335	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	190515	20.000	ng	0.00
76) Chrysene-d12	14.004	240	143054	20.000	ng	0.00
86) Perylene-d12	15.468	264	173608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	451459	106.331	ng	0.00
7) Phenol-d6	6.487	99	583512	102.363	ng	0.00
23) Nitrobenzene-d5	7.410	82	367504	71.514	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	108601	108.375	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	576940	70.859	ng	0.00
79) Terphenyl-d14	12.945	244	548002	64.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	68619	36.915	ng	98
3) Pyridine	3.393	79	183831	40.825	ng	97
4) n-Nitrosodimethylamine	3.346	42	131732	49.120	ng	97
6) Aniline	6.510	93	230306	45.303	ng	100
8) 2-Chlorophenol	6.634	128	215193	48.174	ng	98
9) Benzaldehyde	6.398	77	11797	3.452	ng	99
10) Phenol	6.498	94	280466	46.730	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	214735	46.494	ng	99
12) 1,3-Dichlorobenzene	6.787	146	225536	45.104	ng	100
13) 1,4-Dichlorobenzene	6.863	146	229921	45.563	ng	99
14) 1,2-Dichlorobenzene	7.016	146	218185	46.264	ng	99
15) Benzyl Alcohol	6.992	79	196496	47.826	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	372154	46.821	ng	92
17) 2-Methylphenol	7.104	107	168545	45.693	ng	96
18) Hexachloroethane	7.357	117	87120	45.864	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	156286	45.393	ng	99
20) 3+4-Methylphenols	7.257	107	206307	43.592	ng	92
22) Acetophenone	7.257	105	271013	44.054	ng	98
24) Nitrobenzene	7.428	77	240018	45.900	ng	99
25) Isophorone	7.669	82	417375	47.565	ng	99
26) 2-Nitrophenol	7.745	139	110871	49.281	ng	98
27) 2,4-Dimethylphenol	7.781	122	137412	51.049	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	251039	46.979	ng	99
29) 2,4-Dichlorophenol	7.986	162	163648	47.312	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	183216	45.900	ng	99
31) Naphthalene	8.145	128	617291	46.676	ng	99
32) Benzoic acid	7.910	122	80974	38.269	ng	97
33) 4-Chloroaniline	8.198	127	152196	34.284	ng	99
34) Hexachlorobutadiene	8.263	225	111870	46.271	ng	98
35) Caprolactam	8.563	113	45200m	43.795	ng	
36) 4-Chloro-3-methylphenol	8.686	107	176805	44.727	ng	97
37) 2-Methylnaphthalene	8.839	142	382958	45.851	ng	100
38) 1-Methylnaphthalene	8.933	142	350197	42.788	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	160815	47.322	ng	99
41) Hexachlorocyclopentadiene	8.986	237	148835	158.025	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	102948	49.685	ng	99

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Manual Integrations
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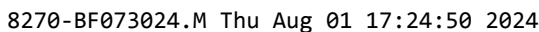
Reviewed By :Jagrut Upadhyay 08/01/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	106950	47.216	ng	98
46) 1,1'-Biphenyl	9.298	154	439491	45.871	ng	99
47) 2-Chloronaphthalene	9.328	162	339255	47.610	ng	99
48) 2-Nitroaniline	9.428	65	120216	49.764	ng	99
49) Acenaphthylene	9.739	152	532268	52.666	ng	100
50) Dimethylphthalate	9.604	163	381063	48.715	ng	100
51) 2,6-Dinitrotoluene	9.669	165	82671	46.830	ng	98
52) Acenaphthene	9.916	154	321937	47.387	ng	100
53) 3-Nitroaniline	9.833	138	62715	34.365	ng	96
54) 2,4-Dinitrophenol	9.951	184	80162	98.644	ng	97
55) Dibenzofuran	10.086	168	465121	48.500	ng	100
56) 4-Nitrophenol	10.010	139	108090	98.493	ng	97
57) 2,4-Dinitrotoluene	10.075	165	107709	47.822	ng	96
58) Fluorene	10.428	166	363910	47.651	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	81282	46.937	ng	97
60) Diethylphthalate	10.298	149	358303	48.309	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	178362	47.487	ng	98
62) 4-Nitroaniline	10.451	138	84073	48.477	ng	98
63) Azobenzene	10.580	77	401398	48.796	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	60981	52.466	ng	97
66) n-Nitrosodiphenylamine	10.539	169	303839	51.022	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	103273	50.067	ng	98
68) Hexachlorobenzene	10.975	284	107236	50.352	ng	96
69) Atrazine	11.063	200	88973	57.909	ng	98
70) Pentachlorophenol	11.175	266	92661	96.526	ng	98
71) Phenanthrene	11.392	178	499844	50.952	ng	99
72) Anthracene	11.445	178	513499	53.134	ng	100
73) Carbazole	11.598	167	434479	52.110	ng	99
74) Di-n-butylphthalate	11.922	149	545250	58.172	ng	100
75) Fluoranthene	12.580	202	503417	54.969	ng	99
77) Benzidine	12.704	184	206361	60.311	ng	100
78) Pyrene	12.810	202	508171	37.729	ng	100
80) Butylbenzylphthalate	13.421	149	232459	53.896	ng	99
81) Benzo(a)anthracene	13.998	228	504626	51.226	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	137469	54.531	ng	97
83) Chrysene	14.033	228	446218	50.207	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	345498	54.703	ng	100
85) Di-n-octyl phthalate	14.592	149	620116	53.068	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	586413	47.134	ng	100
88) Benzo(b)fluoranthene	15.045	252	516744	48.016	ng	99
89) Benzo(k)fluoranthene	15.074	252	480685	51.587	ng	99
90) Benzo(a)pyrene	15.410	252	472308	52.175	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	470384	46.058	ng	100
92) Benzo(g,h,i)perylene	17.386	276	450972	42.553	ng	100

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

Manual Integrations

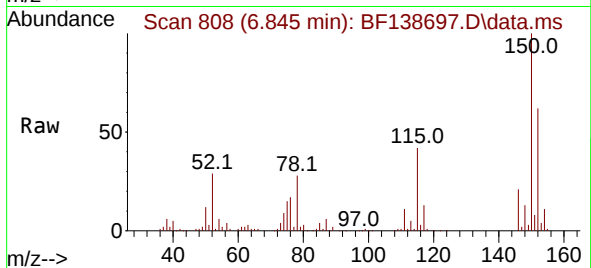
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

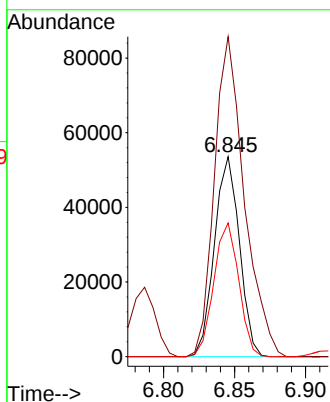
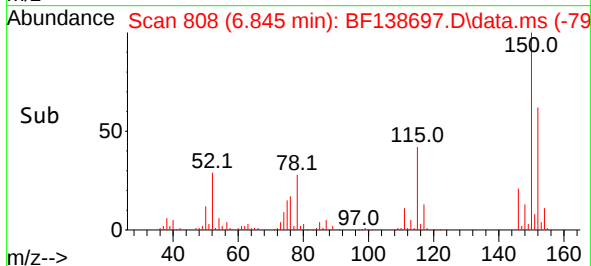
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:152 Resp: 65540
Ion Ratio Lower Upper
152 100
150 160.1 126.0 189.0
115 66.9 51.7 77.5

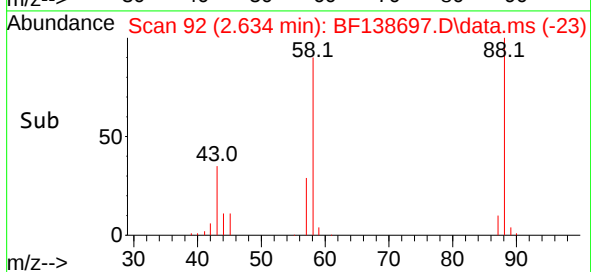
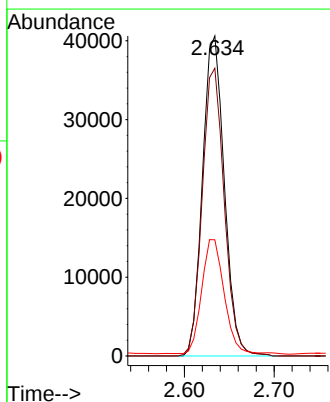
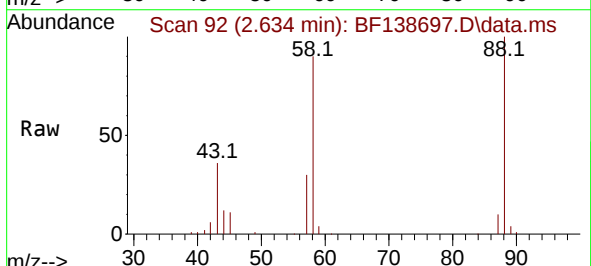
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/03/2024



#2
1,4-Dioxane
Concen: 36.915 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.059 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

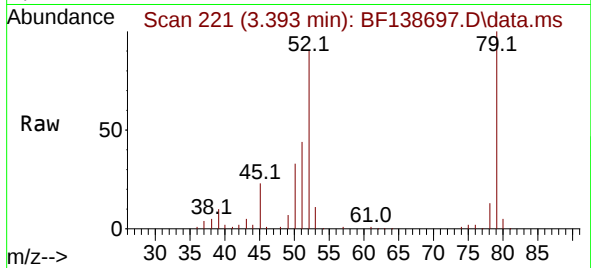
Tgt Ion: 88 Resp: 68619
Ion Ratio Lower Upper
88 100
58 90.9 71.6 107.4
43 37.3 28.7 43.1





#3
Pyridine
Concen: 40.825 ng
RT: 3.393 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

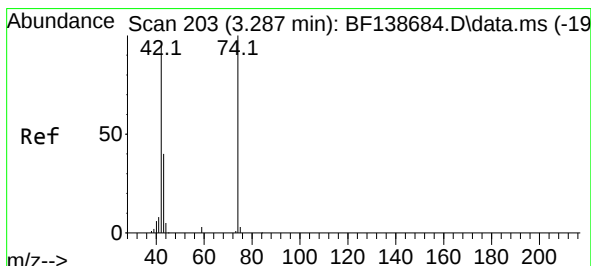
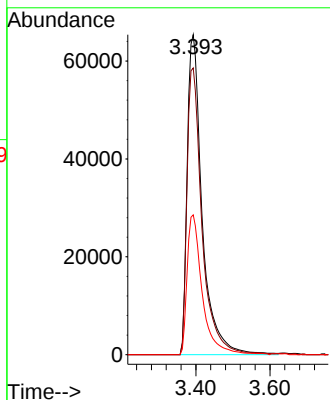
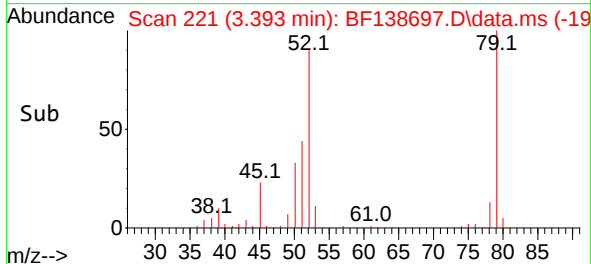
Instrument :
BNA_F
ClientSampleId :
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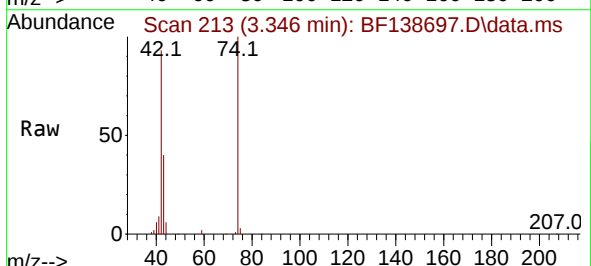
Tgt Ion: 79 Resp: 18383
Ion Ratio Lower Upper
79 100
52 89.6 74.7 112.1
51 43.7 34.6 51.8

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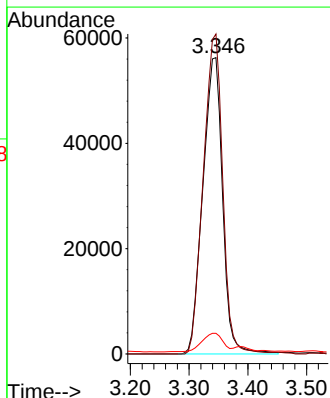
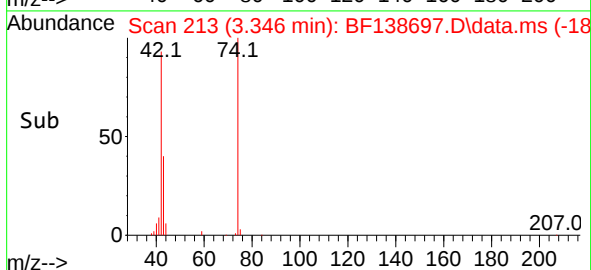
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#4
n-Nitrosodimethylamine
Concen: 49.120 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



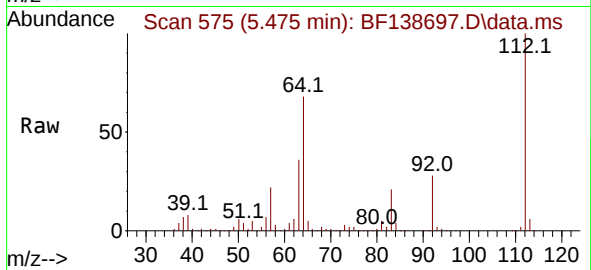
Tgt Ion: 42 Resp: 131732
Ion Ratio Lower Upper
42 100
74 108.0 84.2 126.4
44 6.9 4.9 7.3





#5
2-Fluorophenol
Concen: 106.331 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

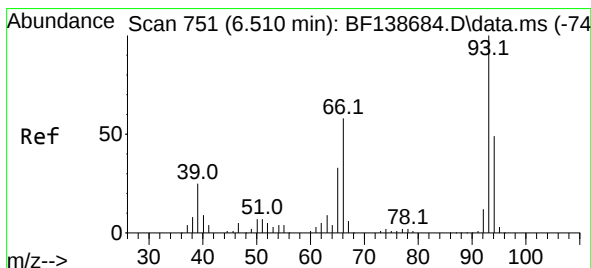
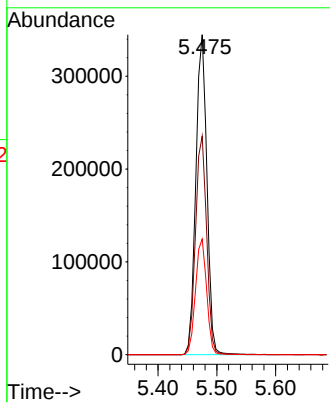
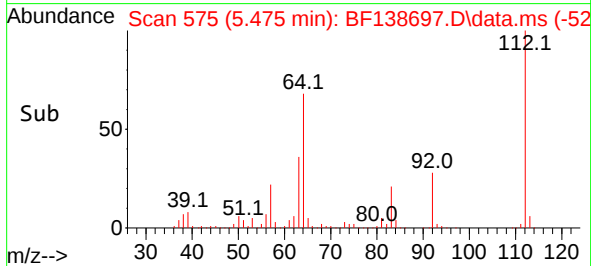
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:112 Resp: 451459
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 36.2 28.7 43.1

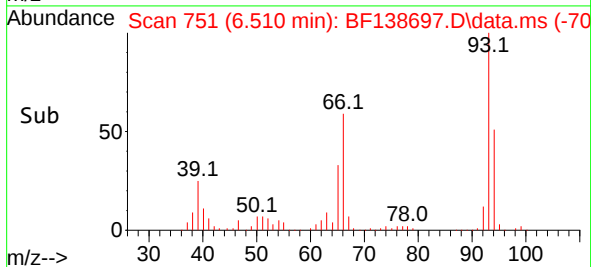
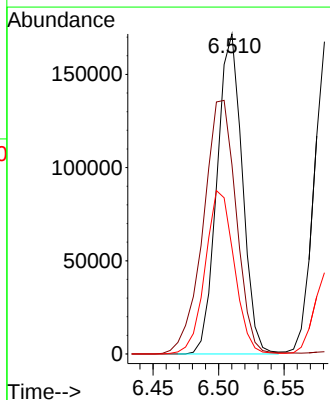
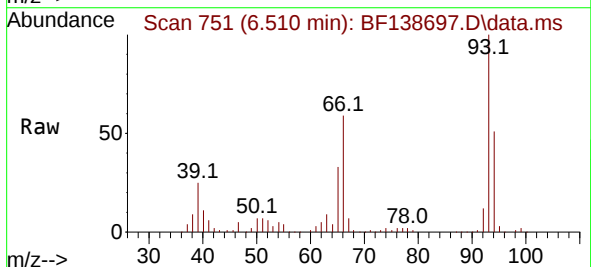
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#6
Aniline
Concen: 45.303 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

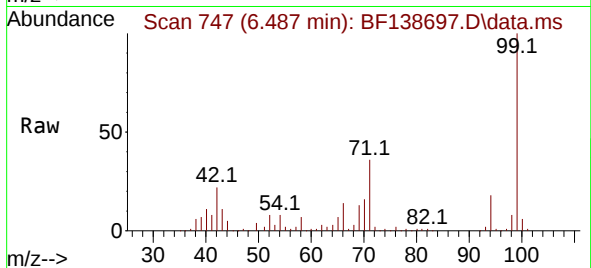
Tgt Ion: 93 Resp: 230306
Ion Ratio Lower Upper
93 100
66 59.1 46.9 70.3
65 33.1 26.5 39.7





#7
Phenol-d6
Concen: 102.363 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

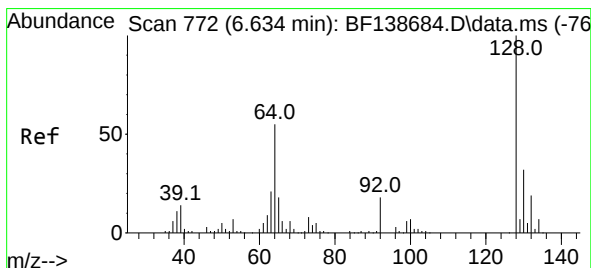
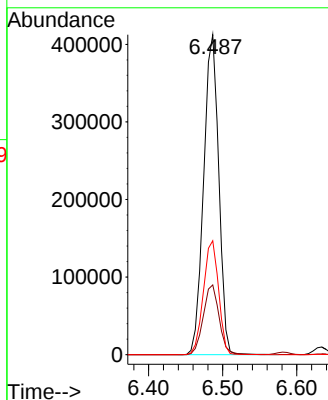
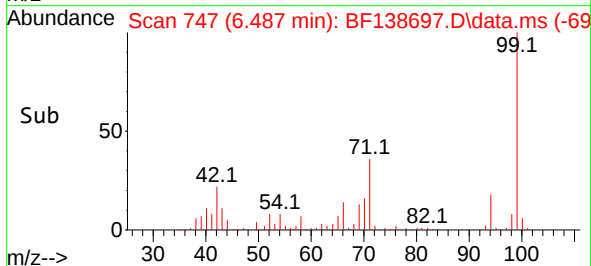
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Tgt Ion: 99 Resp: 583512
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 35.6 28.1 42.1

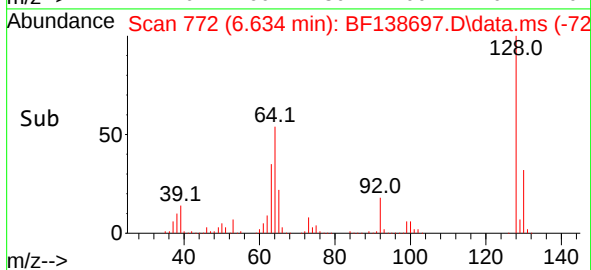
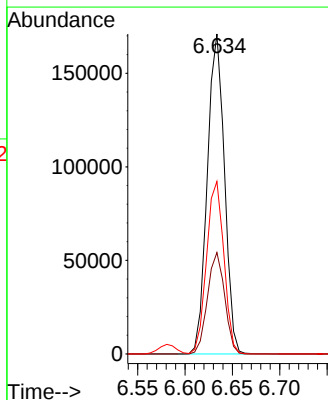
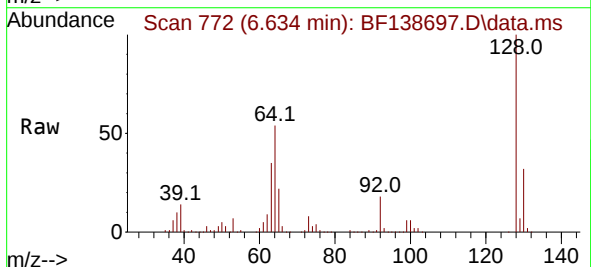
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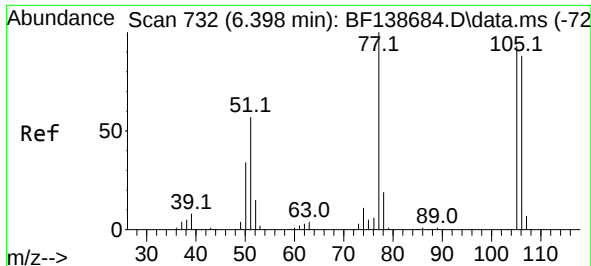
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#8
2-Chlorophenol
Concen: 48.174 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:128 Resp: 215193
Ion Ratio Lower Upper
128 100
130 31.7 12.0 52.0
64 53.9 36.3 76.3





#9

Benzaldehyde

Concen: 3.452 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

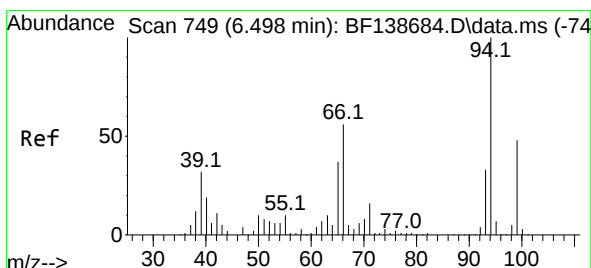
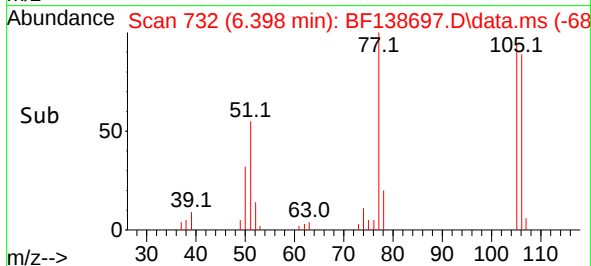
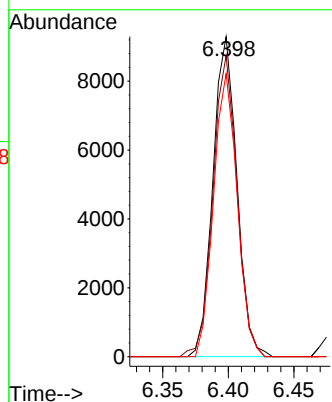
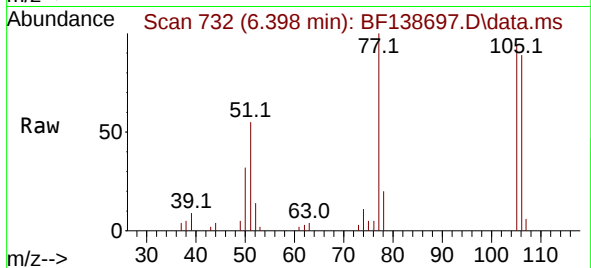
S-852-GI-SO-9.5-10-072624MS

Tgt Ion: 77	Resp: 1179
Ion Ratio	Lower Upper
77 100	
105 94.1	72.9 112.9
106 88.5	68.4 108.4

Manual Integrations

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#10

Phenol

Concen: 46.730 ng

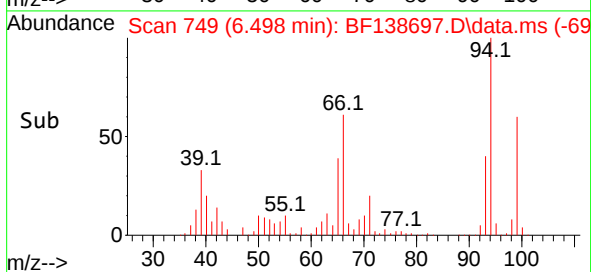
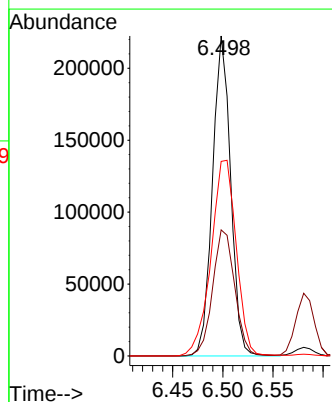
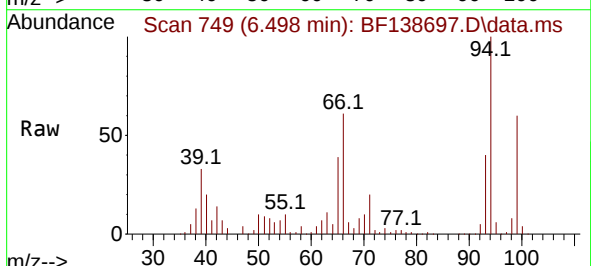
RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

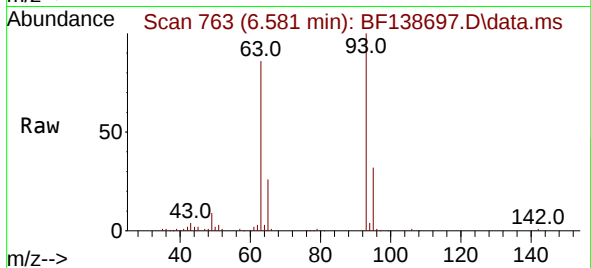
Tgt Ion: 94	Resp: 280466
Ion Ratio	Lower Upper
94 100	
65 39.4	16.9 56.9
66 60.8	36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 46.494 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

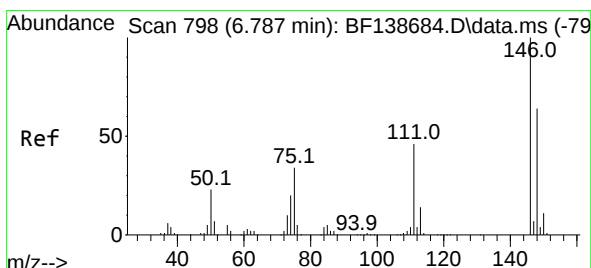
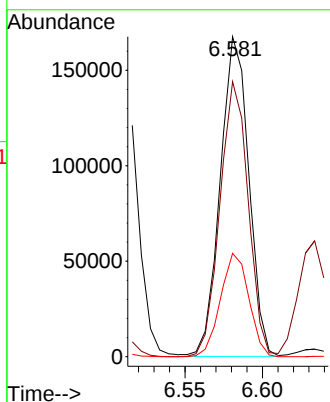
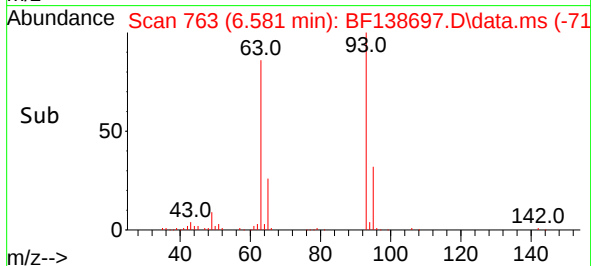
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 93 Resp: 214738
Ion Ratio Lower Upper
93 100
63 85.9 65.3 105.3
95 32.3 12.4 52.4

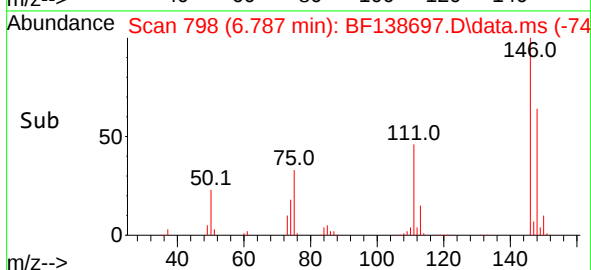
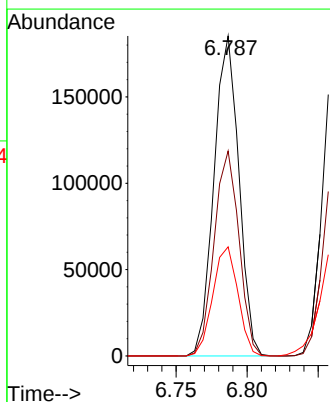
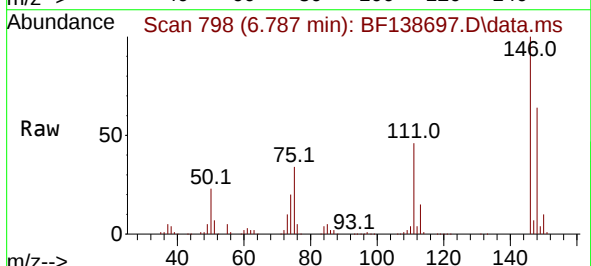
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#12
1,3-Dichlorobenzene
Concen: 45.104 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

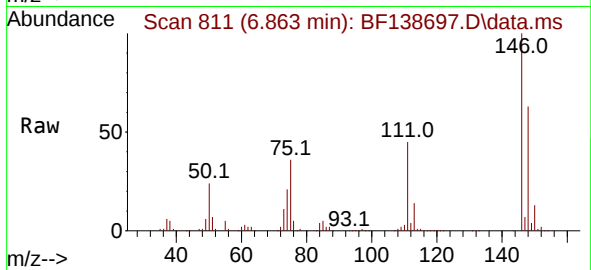
Tgt Ion:146 Resp: 225536
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 34.1 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 45.563 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

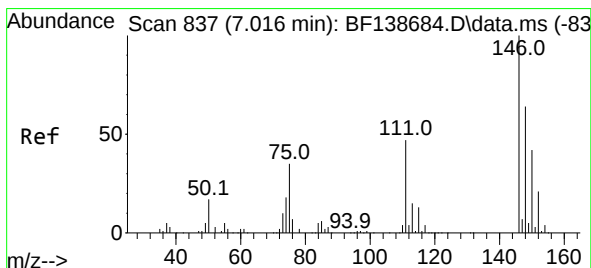
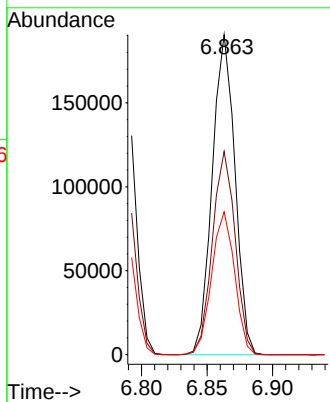
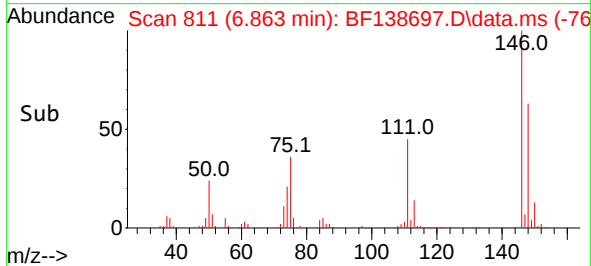
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



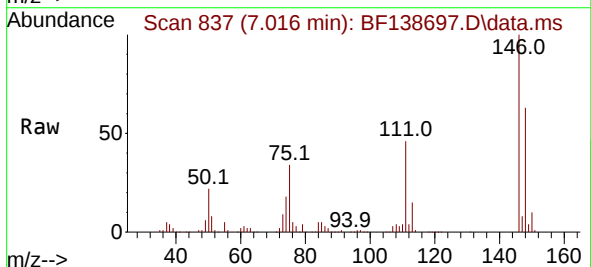
Tgt Ion:146 Resp: 22992
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 44.6 35.9 53.9

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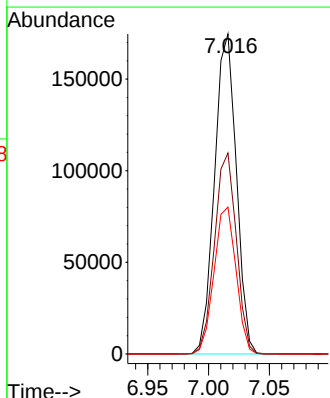
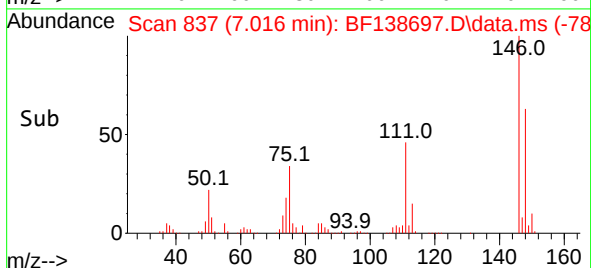
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#14
1,2-Dichlorobenzene
Concen: 46.264 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



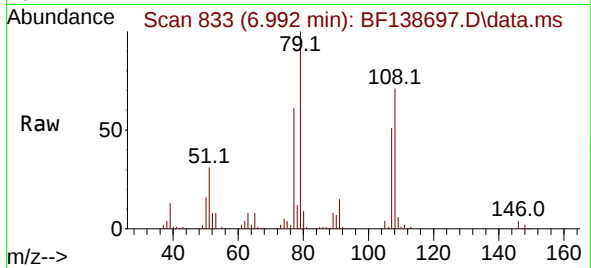
Tgt Ion:146 Resp: 218185
Ion Ratio Lower Upper
146 100
148 62.8 50.8 76.2
111 45.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.826 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

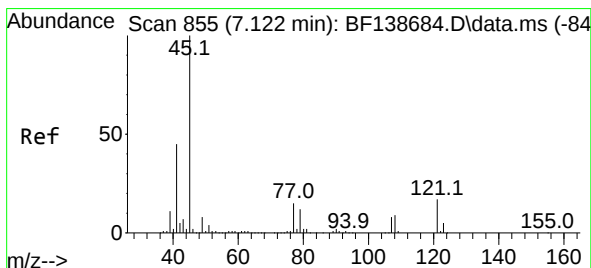
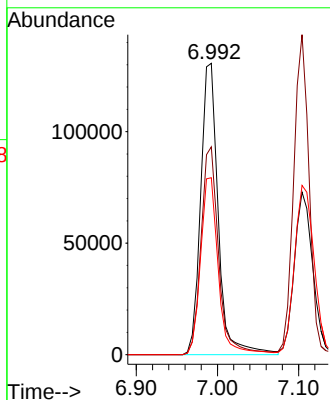
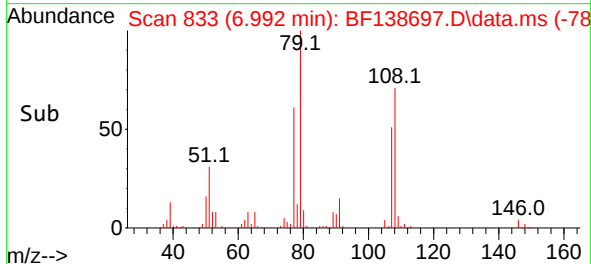
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 79 Resp: 196490
Ion Ratio Lower Upper
79 100
108 71.3 56.6 85.0
77 60.8 50.3 75.5

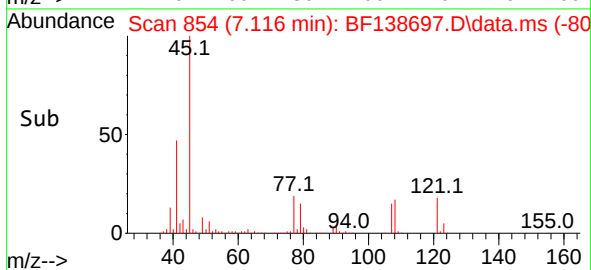
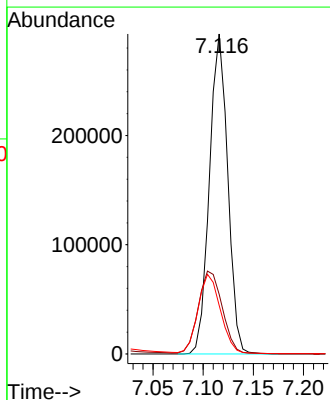
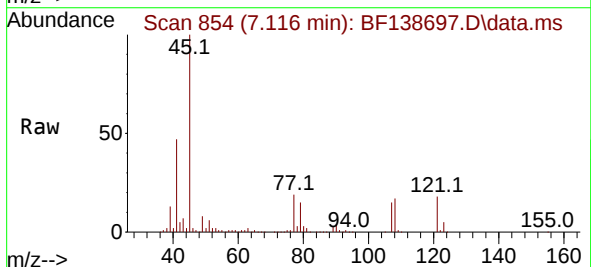
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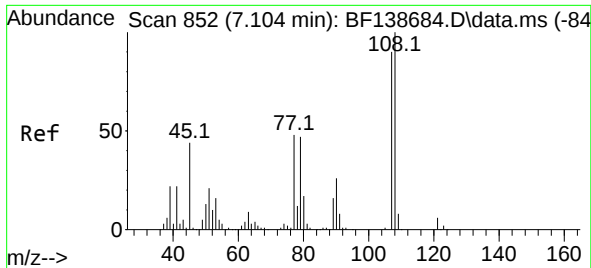
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.821 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

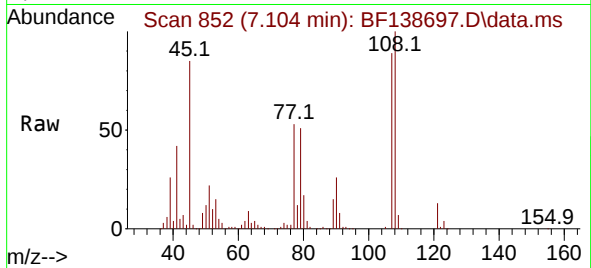
Tgt Ion: 45 Resp: 372154
Ion Ratio Lower Upper
45 100
77 18.6 0.0 34.9
79 15.2 0.0 32.2





#17
2-Methylphenol
Concen: 45.693 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

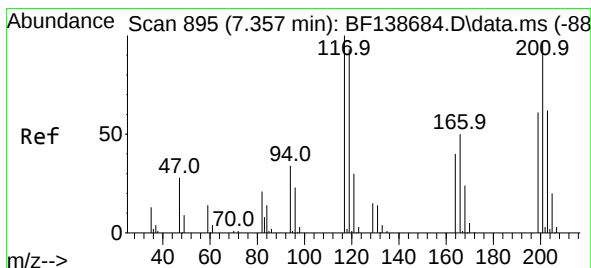
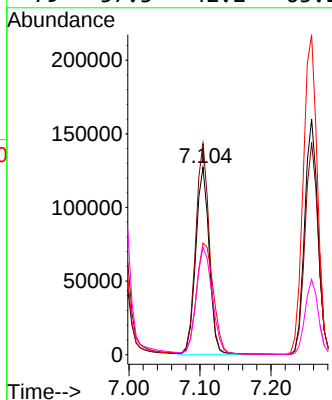
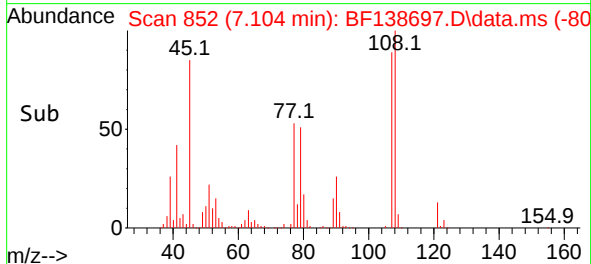
Instrument : BNA_F
ClientSampleId : S-852-GI-SO-9.5-10-072624MS



Tgt Ion:107 Resp: 16854
Ion Ratio Lower Upper
107 100
108 112.8 89.2 133.8
77 59.7 43.0 64.4
79 57.3 42.2 63.2

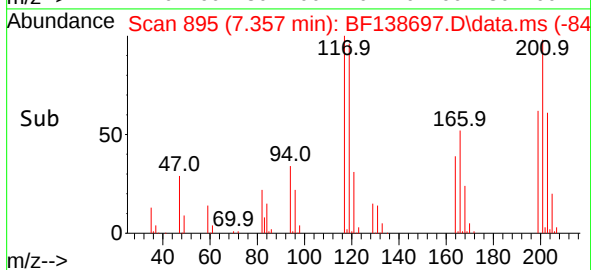
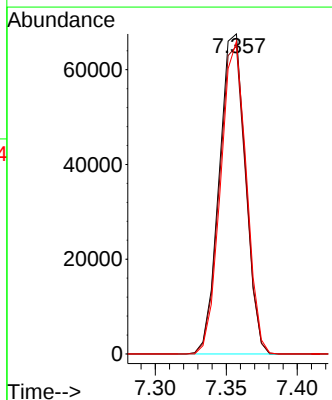
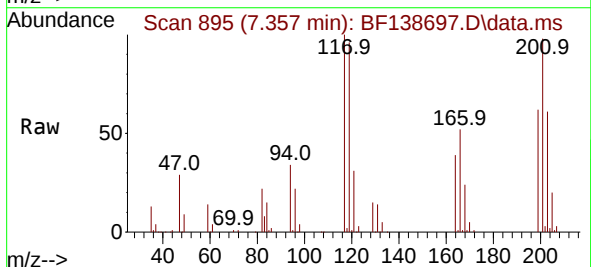
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#18
Hexachloroethane
Concen: 45.864 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

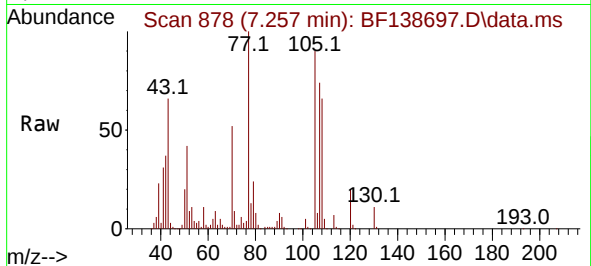
Tgt Ion:117 Resp: 87120
Ion Ratio Lower Upper
117 100
119 96.2 74.6 111.8
201 97.7 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.393 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

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

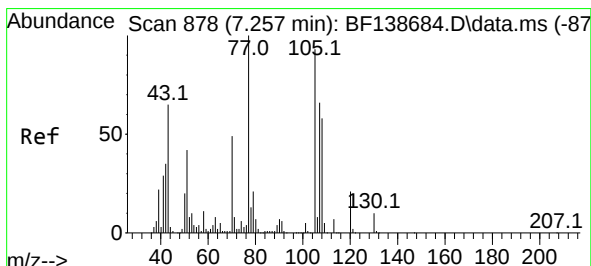
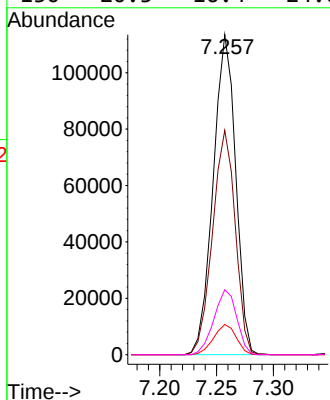
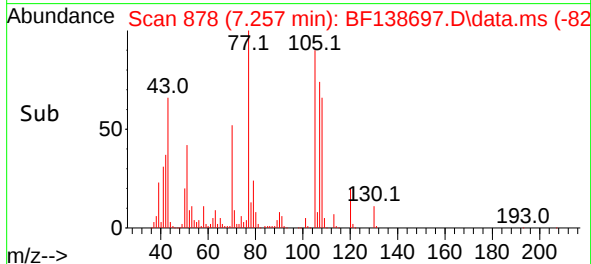


Tgt Ion: 70 Resp: 156280

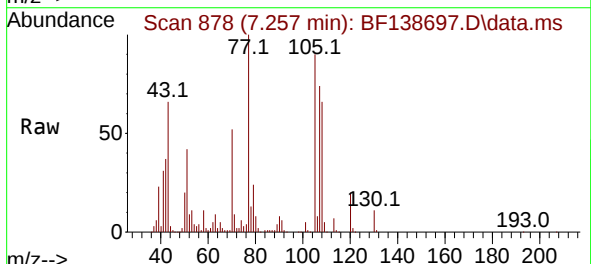
Ion	Ratio	Lower	Upper
70	100		
42	70.1	57.4	86.0
101	9.5	7.5	11.3
130	20.3	16.4	24.6

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Supervised By :mohammad ahmed 08/03/2024

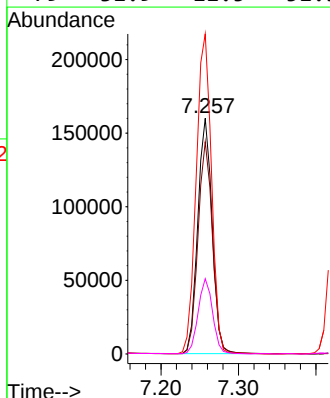
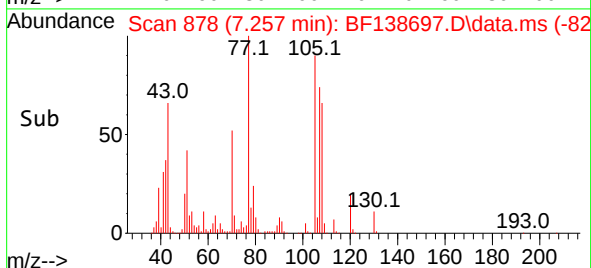


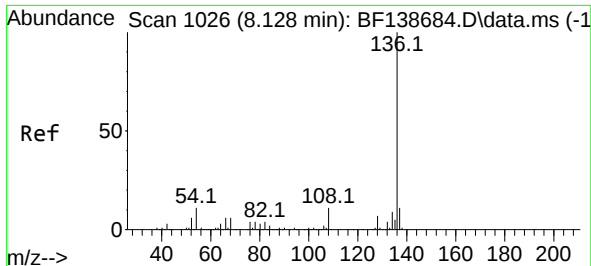
#20
3+4-Methylphenols
Concen: 43.592 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



Tgt Ion:107 Resp: 206307

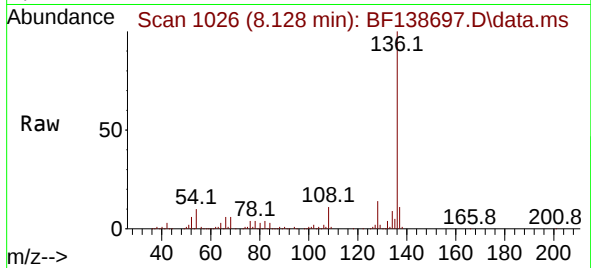
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	135.7	132.1	172.1
79	31.9	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

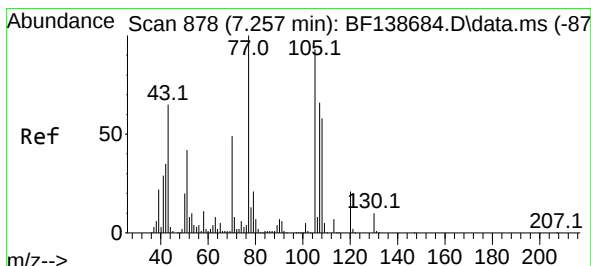
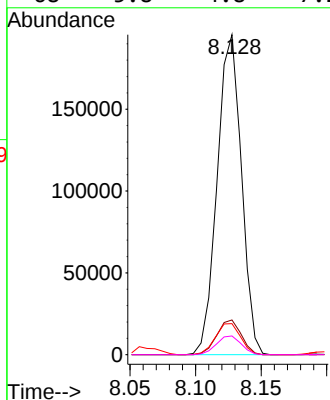
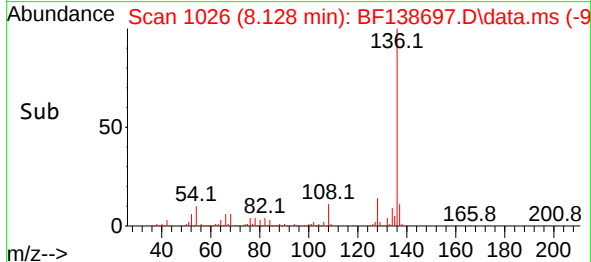
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



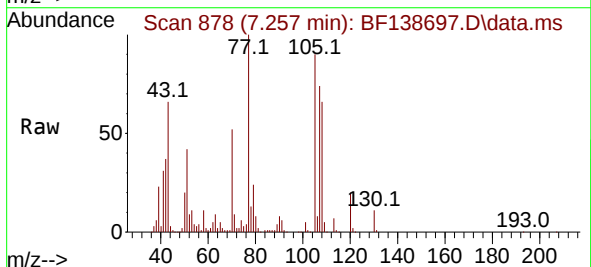
Tgt Ion:136 Resp: 251248
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.7 8.6 12.8
68 5.8 4.8 7.2

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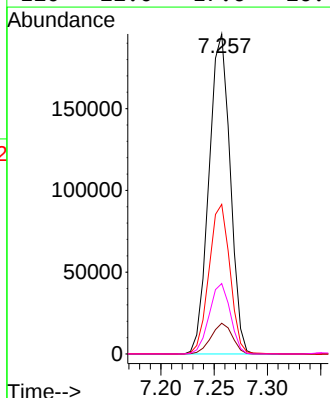
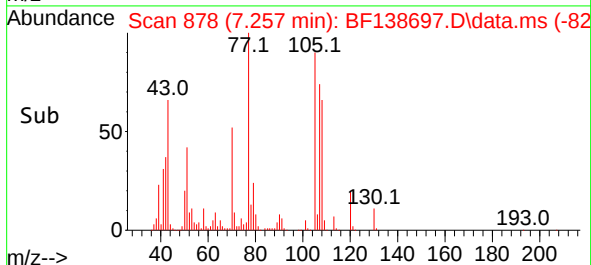
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Acetophenone
Concen: 44.054 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



Tgt Ion:105 Resp: 271013
Ion Ratio Lower Upper
105 100
71 9.6 7.2 10.8
51 46.8 35.9 53.9
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 71.514 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

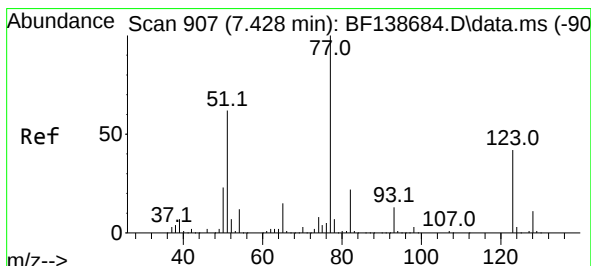
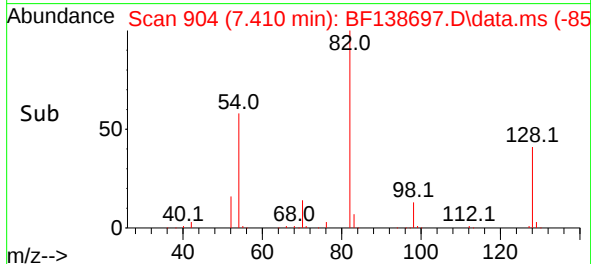
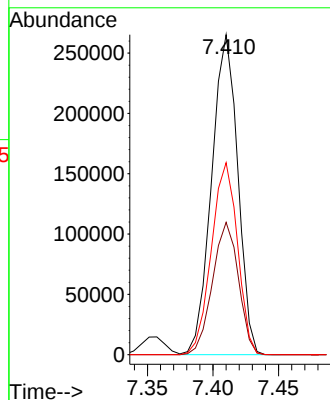
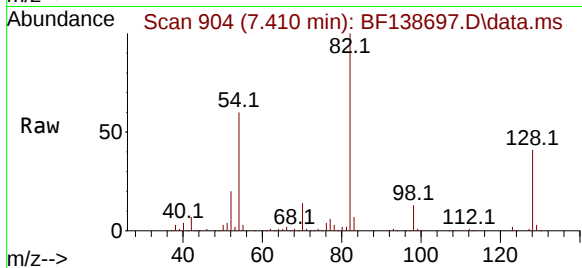
Tgt Ion: 82 Resp: 367504

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	60.0	48.3	72.5

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#24

Nitrobenzene

Concen: 45.900 ng

RT: 7.428 min Scan# 907

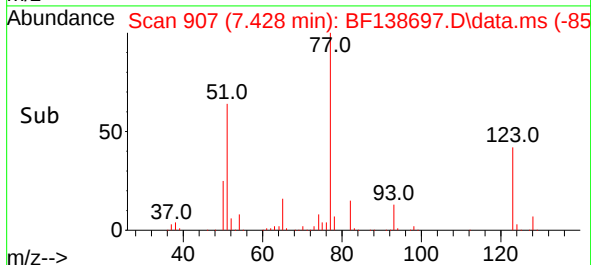
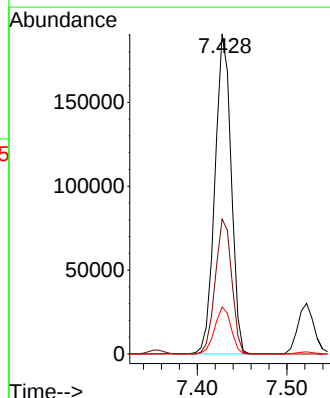
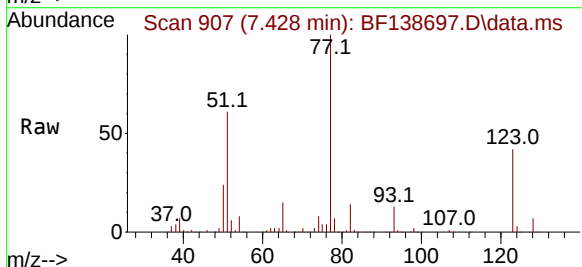
Delta R.T. -0.000 min

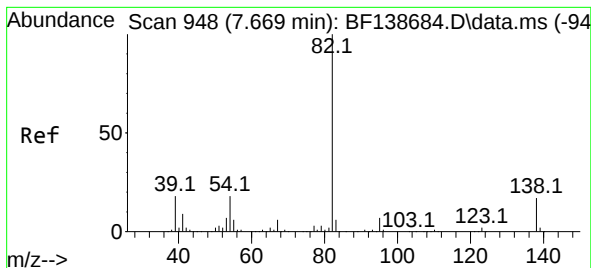
Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Tgt Ion: 77 Resp: 240018

Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.3	49.9
65	14.7	11.9	17.9





#25

Isophorone

Concen: 47.565 ng

RT: 7.669 min Scan# 948

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

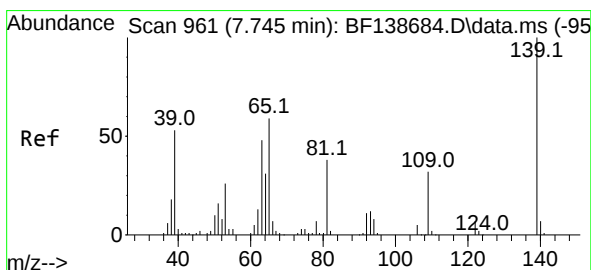
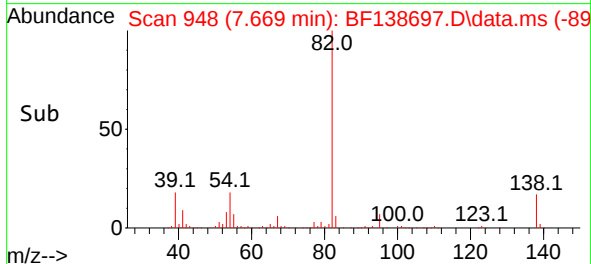
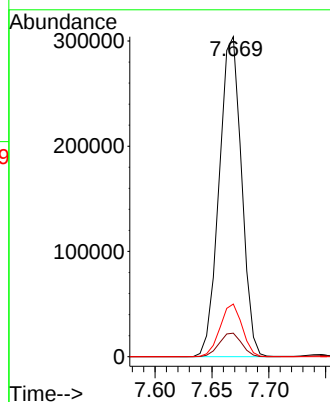
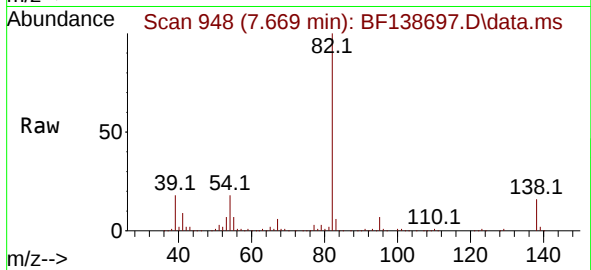
Tgt Ion: 82 Resp: 417375

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	16.5	13.7	20.5

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#26

2-Nitrophenol

Concen: 49.281 ng

RT: 7.745 min Scan# 961

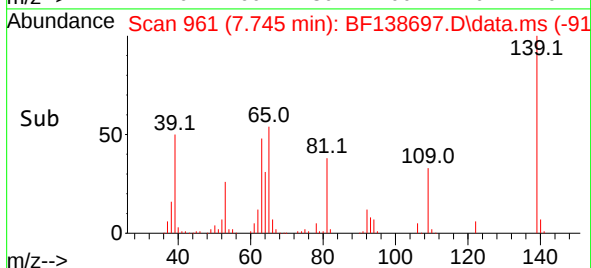
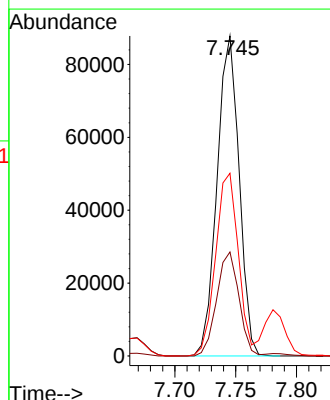
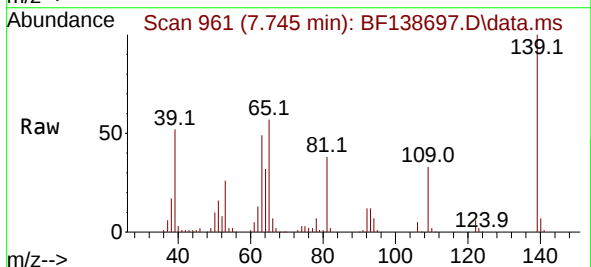
Delta R.T. -0.000 min

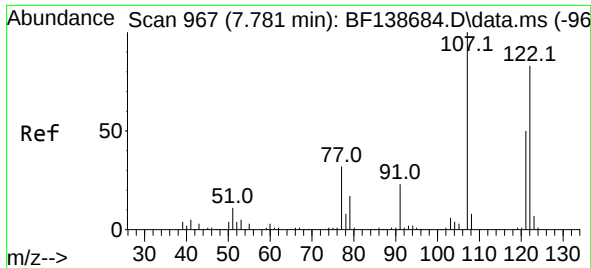
Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Tgt Ion:139 Resp: 110871

Ion	Ratio	Lower	Upper
139	100		
109	32.5	25.9	38.9
65	57.1	47.0	70.6





#27

2,4-Dimethylphenol

Concen: 51.049 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

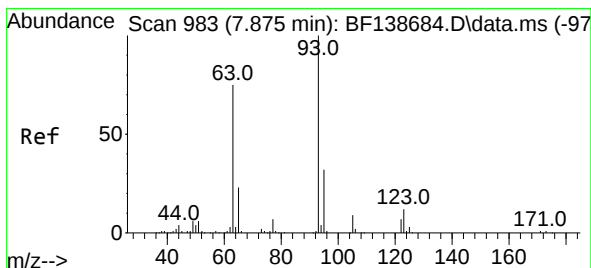
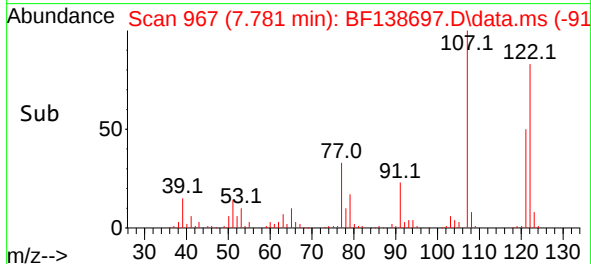
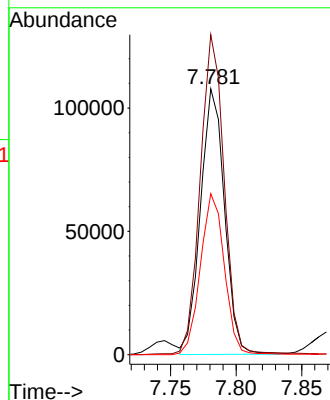
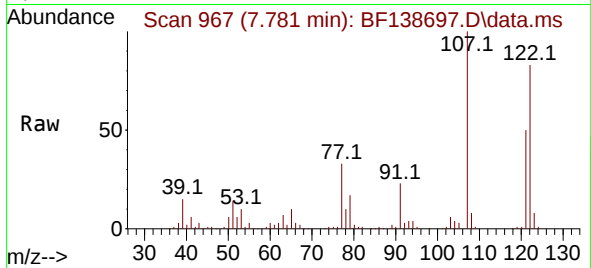
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:122 Resp: 137412
 Ion Ratio Lower Upper
 122 100
 107 120.3 95.0 142.6
 121 60.5 47.3 70.9

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 46.979 ng

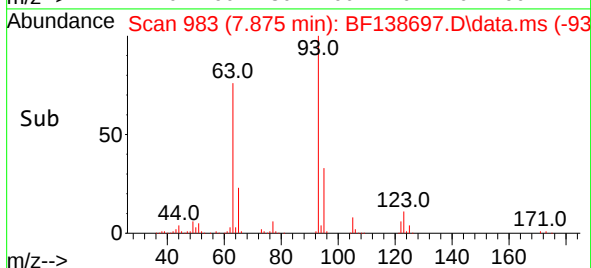
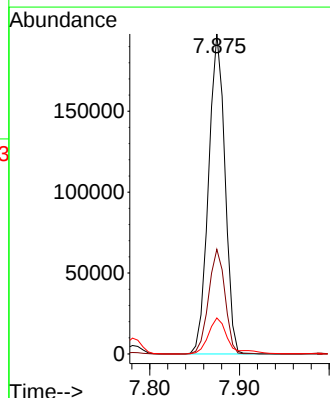
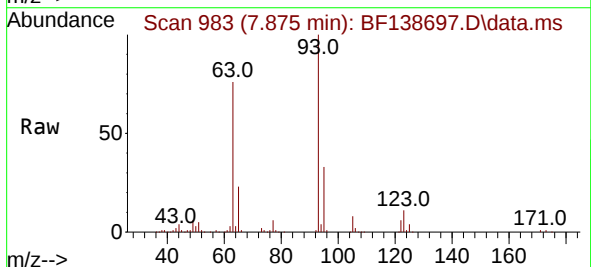
RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Tgt Ion: 93 Resp: 251039
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.8
 123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.312 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138697.D

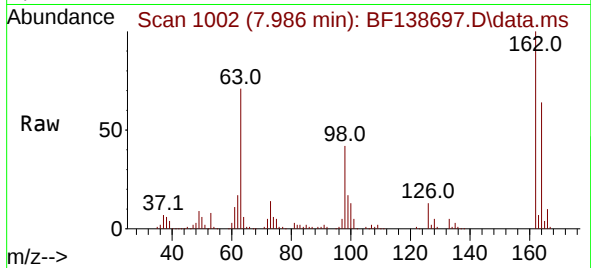
Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

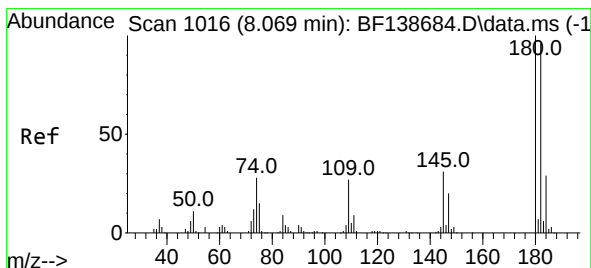
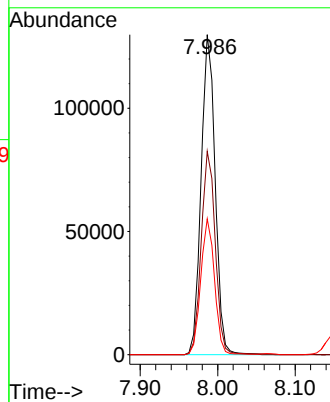
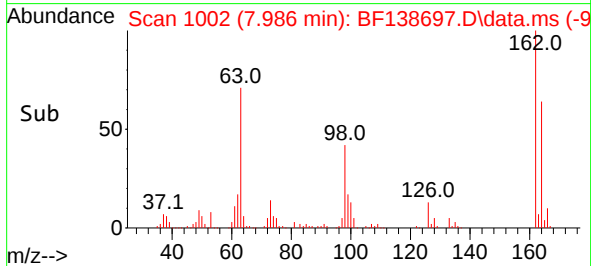


Tgt Ion:	162	Resp:	16364
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	42.5	20.8	60.8

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 45.900 ng

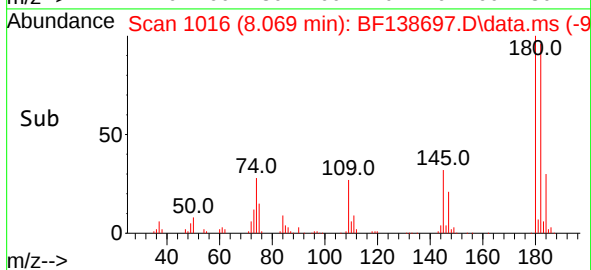
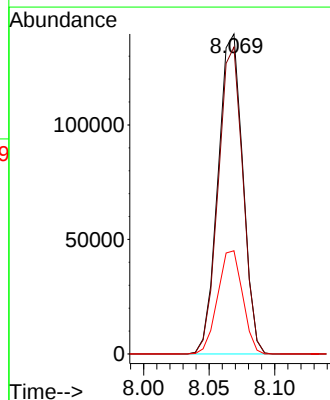
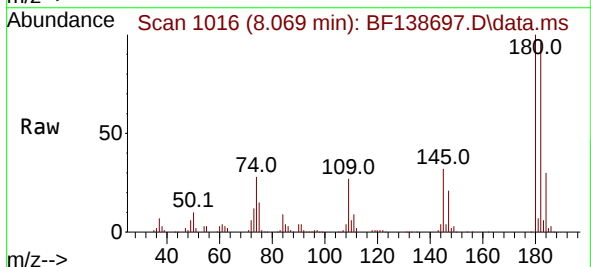
RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

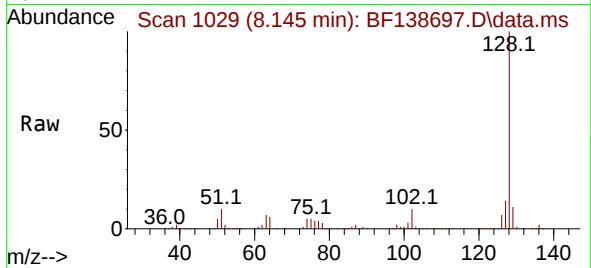
Tgt Ion:	180	Resp:	183216
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.9	115.3
145	32.3	25.0	37.4





#31
Naphthalene
Concen: 46.676 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

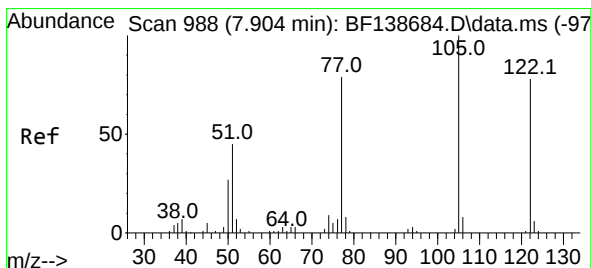
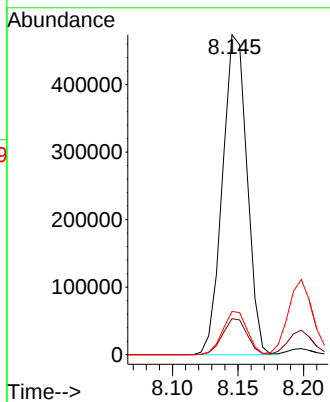
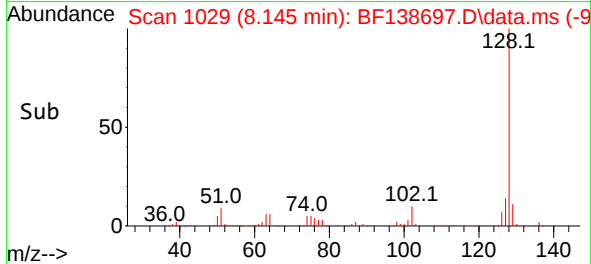
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:128 Resp: 61729
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.6 16.0

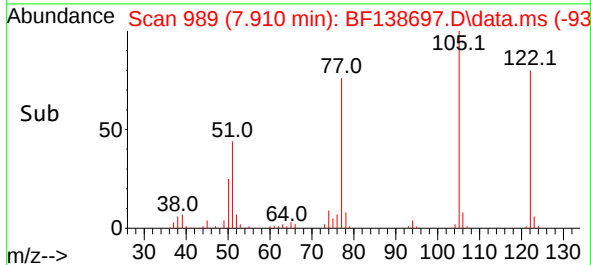
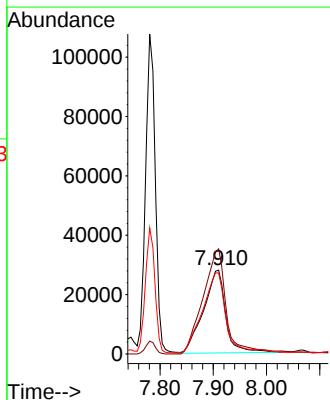
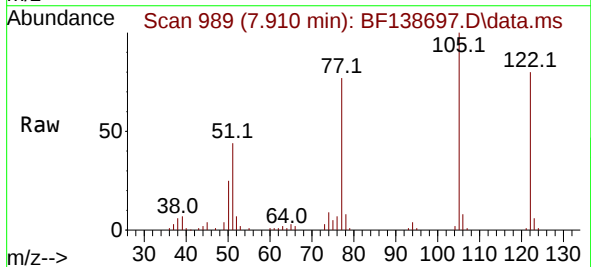
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 38.269 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

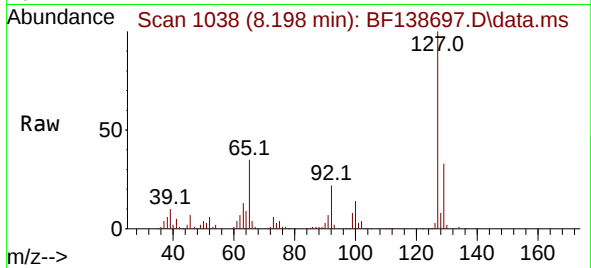
Tgt Ion:122 Resp: 80974
Ion Ratio Lower Upper
122 100
105 125.4 106.7 146.7
77 96.6 81.1 121.1





#33
4-Chloroaniline
Concen: 34.284 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

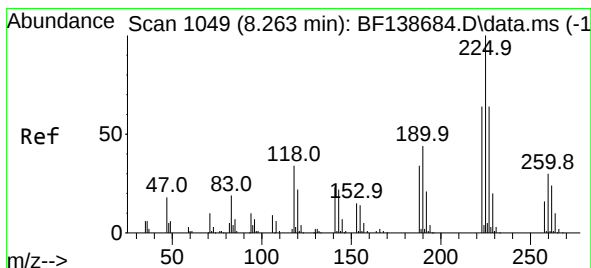
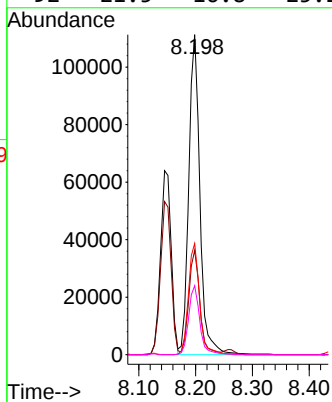
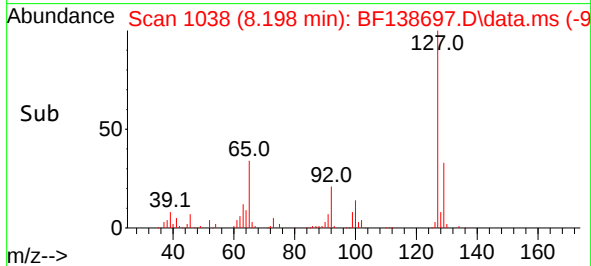
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:127 Resp: 152190
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 34.8 27.6 41.4
92 21.5 16.8 25.2

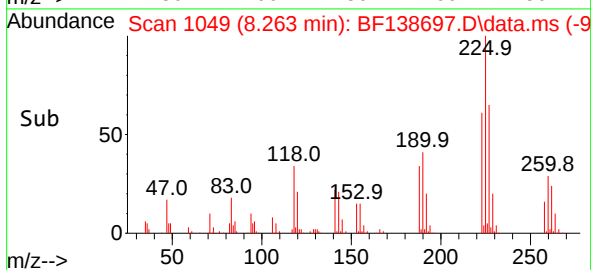
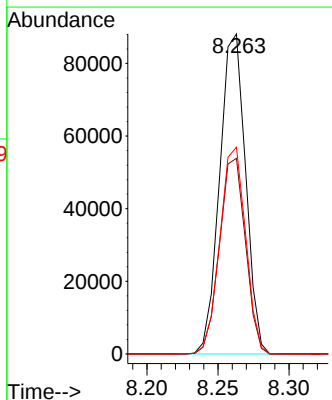
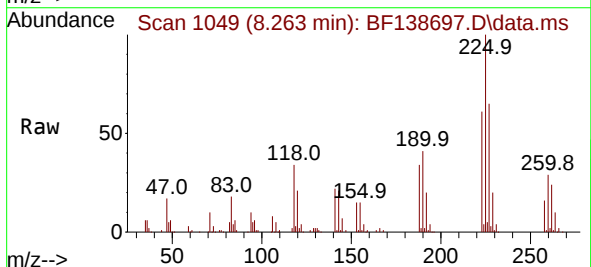
Manual Integrations
APPROVED

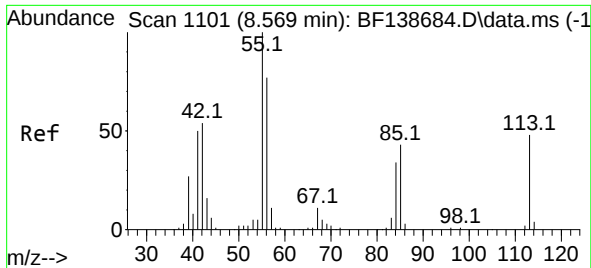
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#34
Hexachlorobutadiene
Concen: 46.271 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

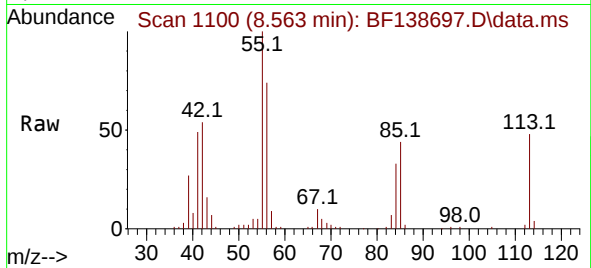
Tgt Ion:225 Resp: 111870
Ion Ratio Lower Upper
225 100
223 61.1 51.2 76.8
227 64.6 51.1 76.7





#35
 Caprolactam
 Concen: 43.795 ng m
 RT: 8.563 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF138697.D
 Acq: 31 Jul 2024 12:10

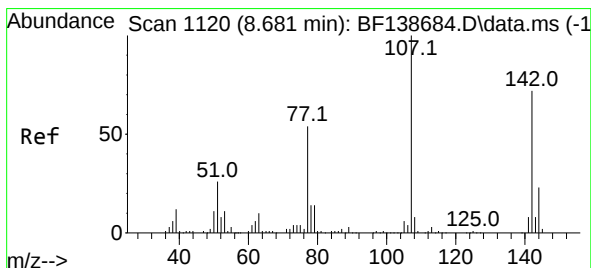
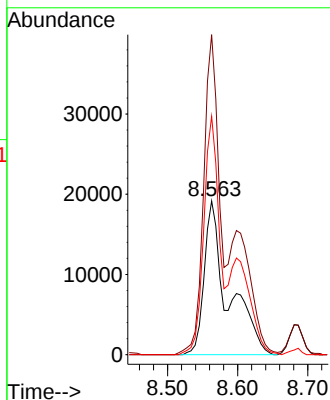
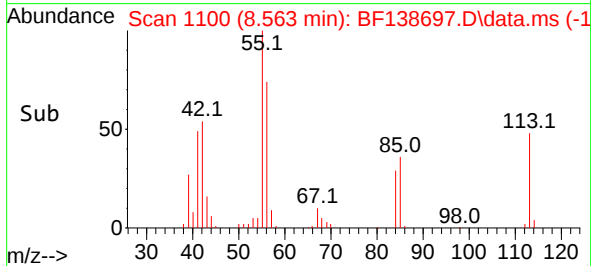
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MS



Tgt Ion:113 Resp: 45200
 Ion Ratio Lower Upper
 113 100
 55 208.0 186.7 226.7
 56 154.9 138.9 178.9

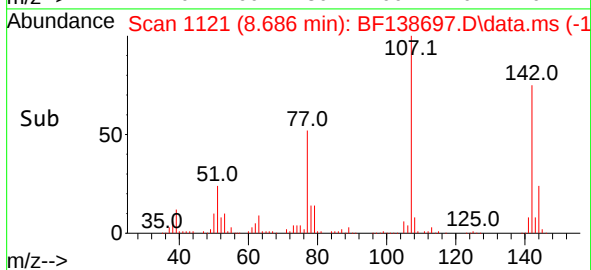
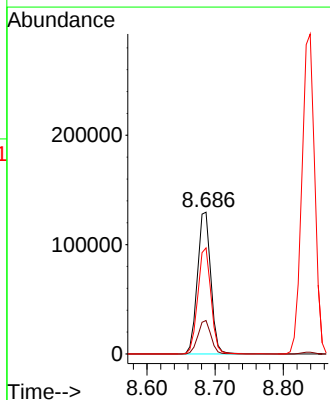
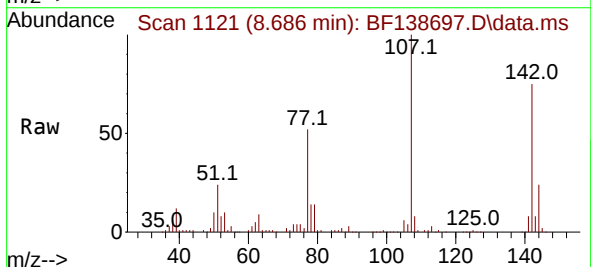
Manual Integrations
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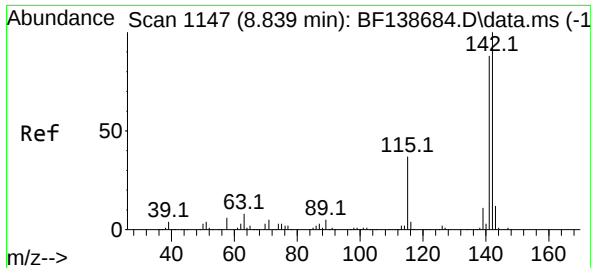
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#36
 4-Chloro-3-methylphenol
 Concen: 44.727 ng
 RT: 8.686 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF138697.D
 Acq: 31 Jul 2024 12:10

Tgt Ion:107 Resp: 176805
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.2 27.2
 142 74.9 57.4 86.2





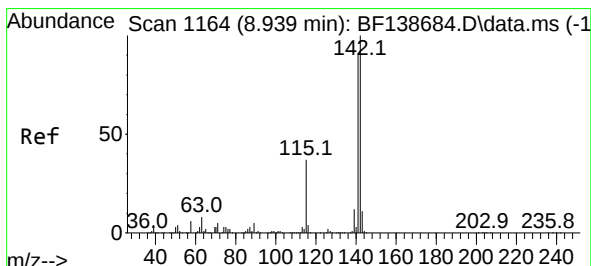
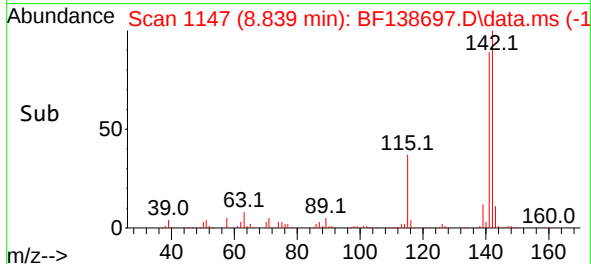
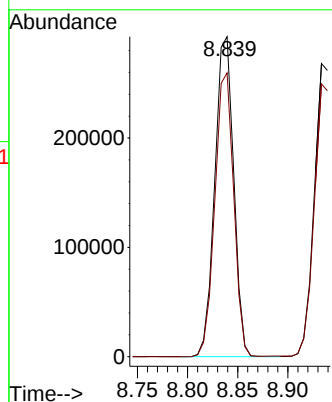
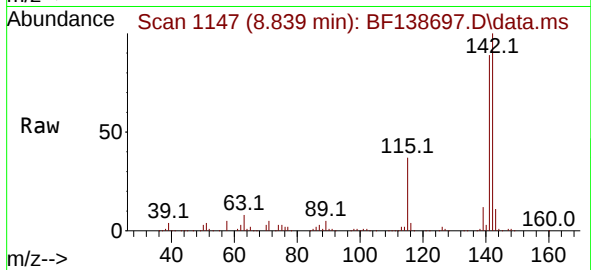
#37
2-Methylnaphthalene
Concen: 45.851 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

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

Tgt Ion:142 Resp: 382958
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

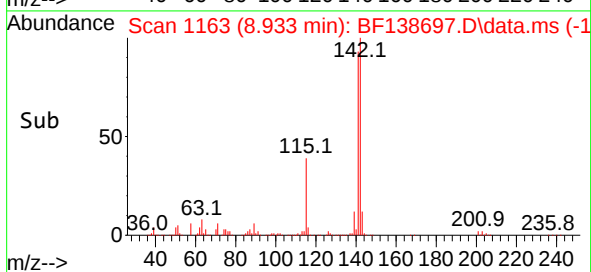
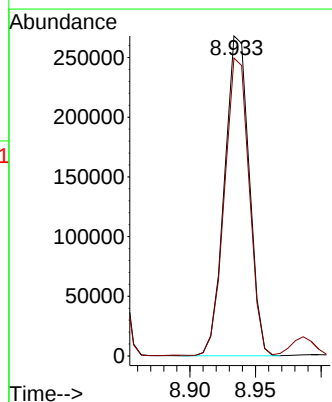
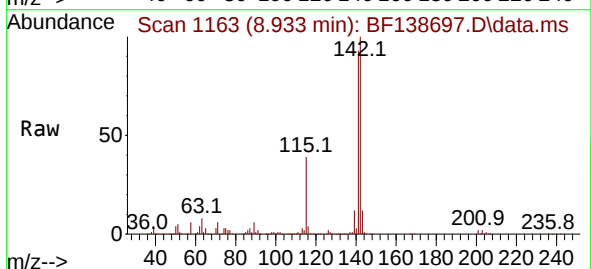
Manual Integrations
APPROVED

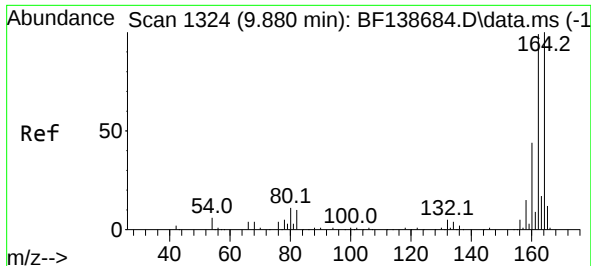
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#38
1-Methylnaphthalene
Concen: 42.788 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

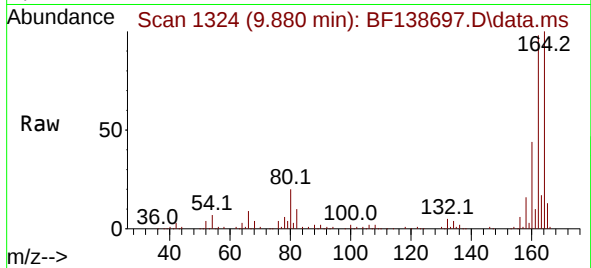
Tgt Ion:142 Resp: 350197
Ion Ratio Lower Upper
142 100
141 93.1 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

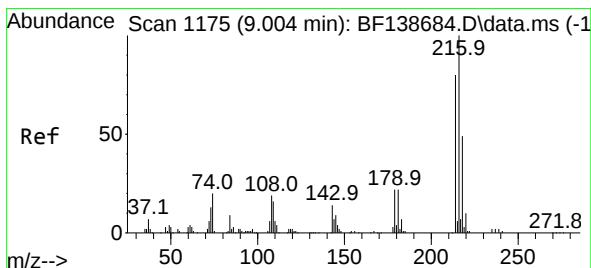
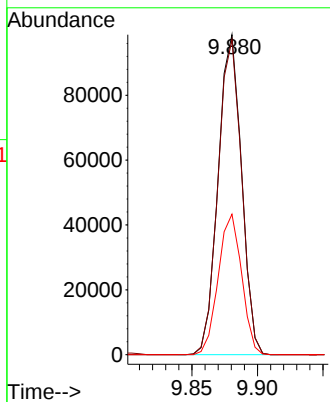
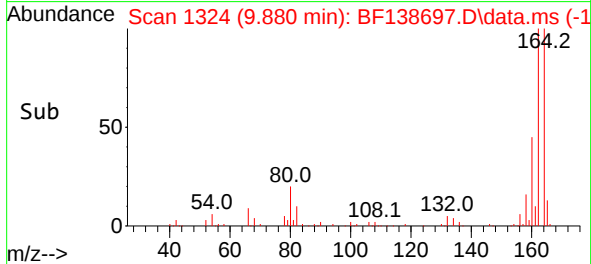
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



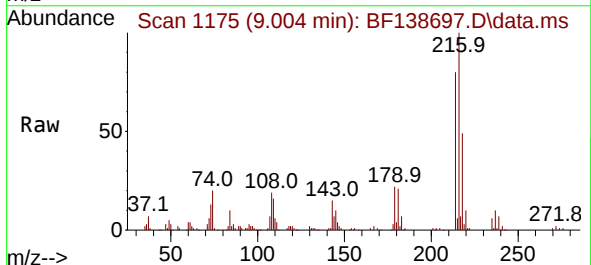
Tgt Ion:164 Resp: 122335
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 43.9 35.1 52.7

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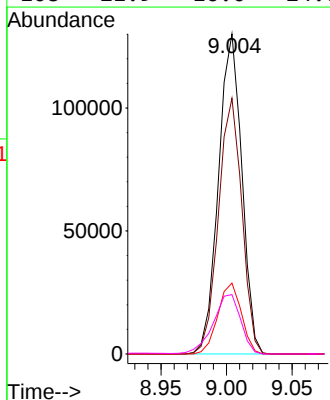
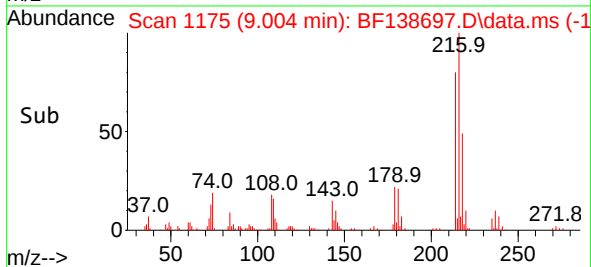
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

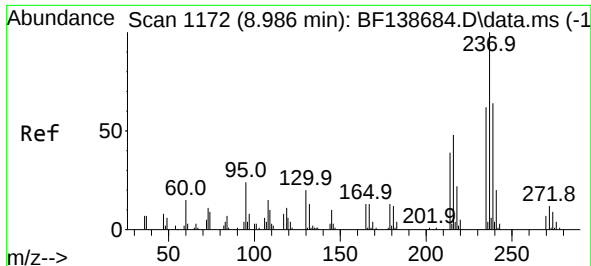


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.322 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



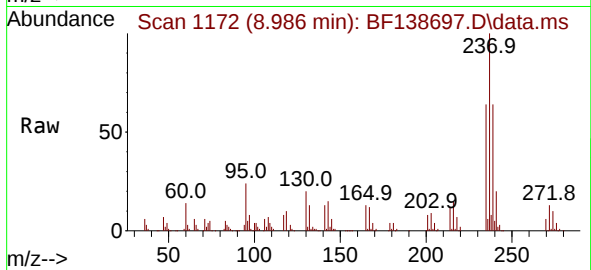
Tgt Ion:216 Resp: 160815
Ion Ratio Lower Upper
216 100
214 80.0 63.9 95.9
179 22.3 17.8 26.6
108 21.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 158.025 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

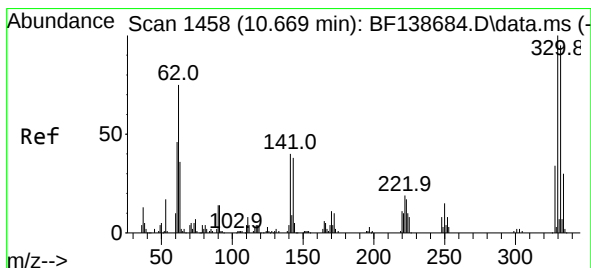
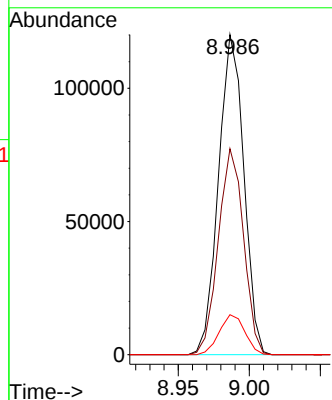
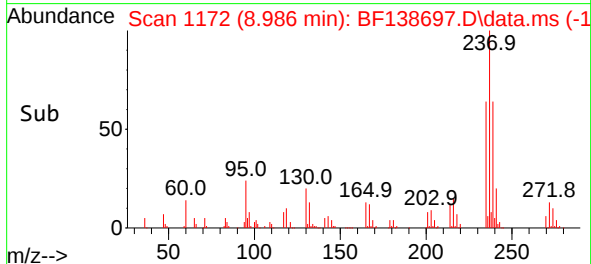
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



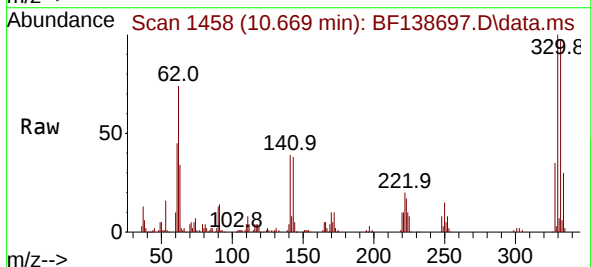
Tgt Ion:237 Resp: 148835
Ion Ratio Lower Upper
237 100
235 64.4 41.8 81.8
272 12.5 0.0 32.2

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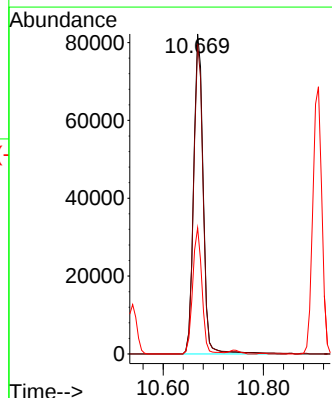
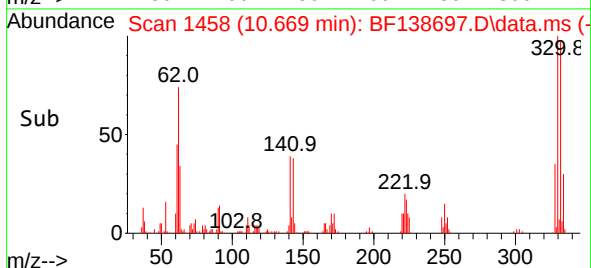
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#42
2,4,6-Tribromophenol
Concen: 108.375 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



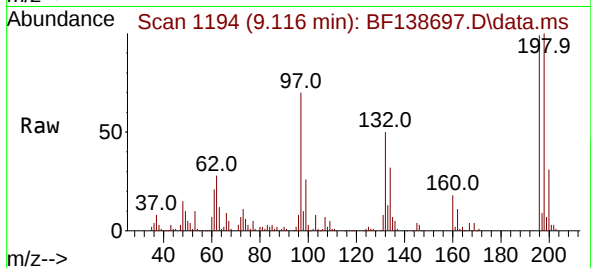
Tgt Ion:330 Resp: 108601
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 38.3 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 49.685 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

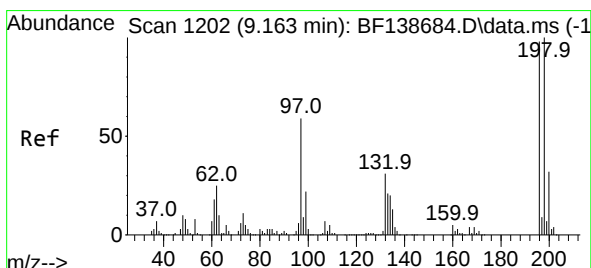
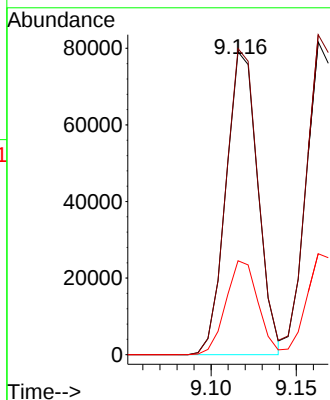
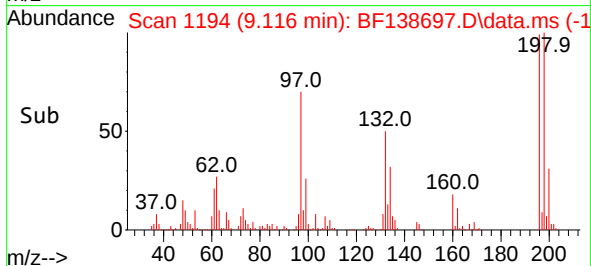
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:196 Resp: 102948
Ion Ratio Lower Upper
196 100
198 101.1 80.5 120.7
200 31.0 25.9 38.9

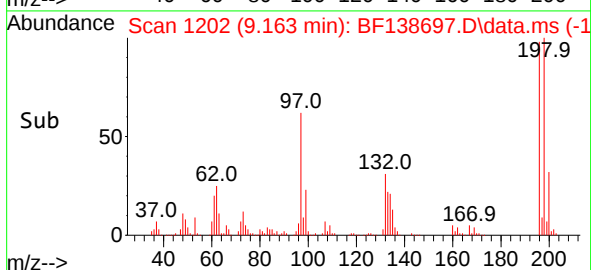
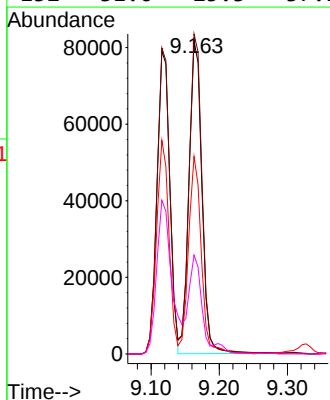
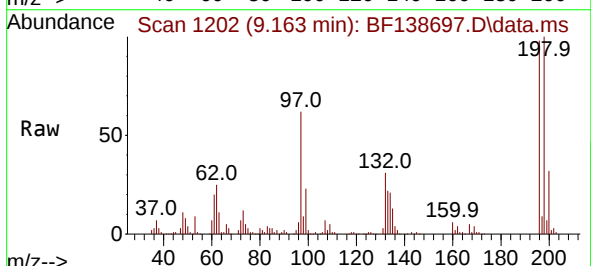
Manual Integrations
APPROVED

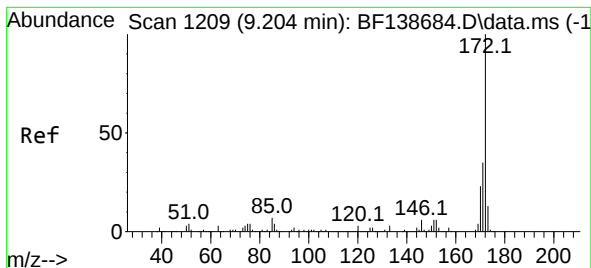
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#44
2,4,5-Trichlorophenol
Concen: 47.216 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:196 Resp: 106950
Ion Ratio Lower Upper
196 100
198 102.3 81.2 121.8
97 63.1 47.8 71.6
132 31.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 70.859 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

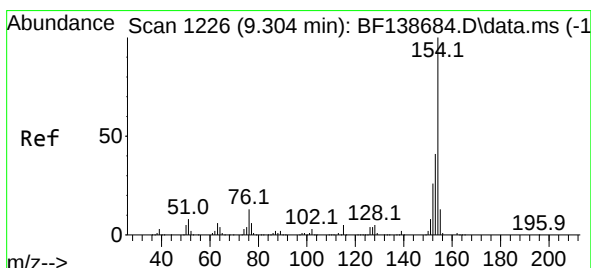
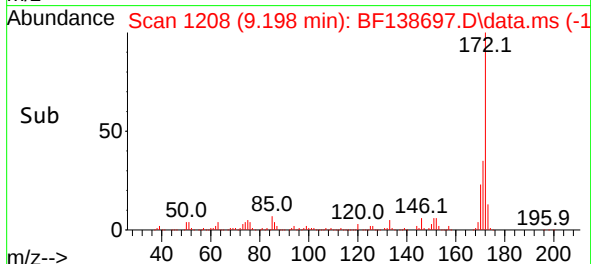
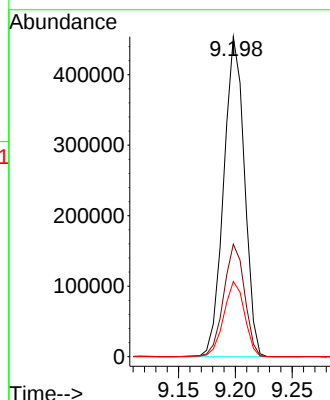
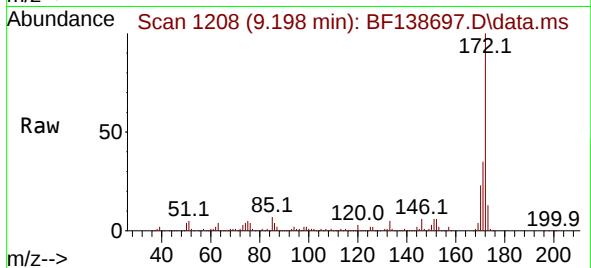
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:172 Resp: 576940
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.5 18.8 28.2

Manual Integrations

APPROVED

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



#46

1,1'-Biphenyl

Concen: 45.871 ng

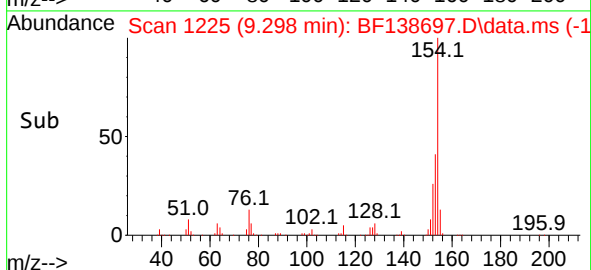
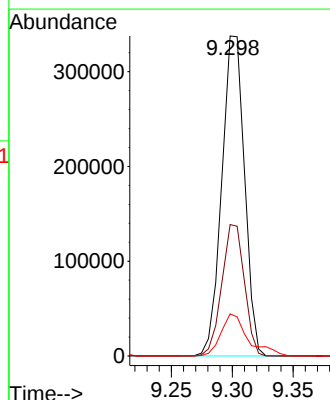
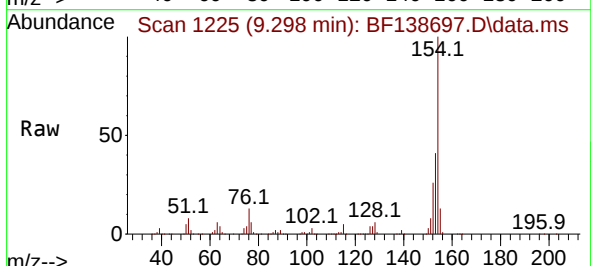
RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

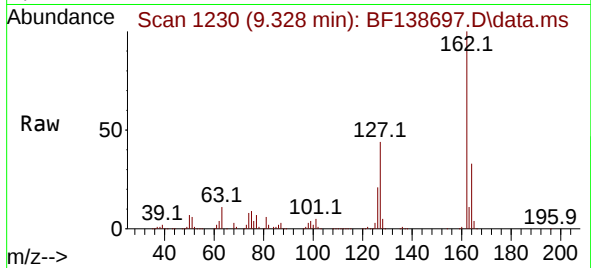
Tgt Ion:154 Resp: 439491
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.8 60.8
 76 13.1 0.0 32.8





#47
2-Chloronaphthalene
Concen: 47.610 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

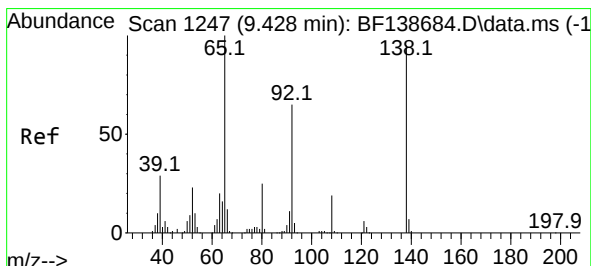
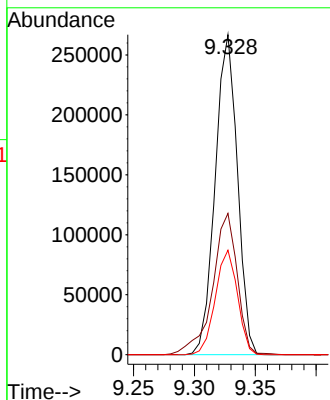
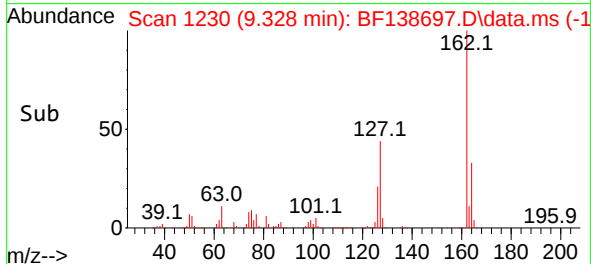
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:162 Resp: 33925
Ion Ratio Lower Upper
162 100
127 44.2 35.4 53.2
164 32.7 25.6 38.4

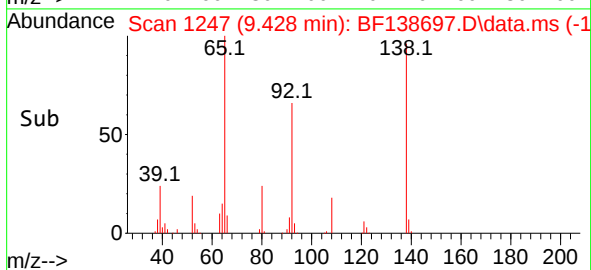
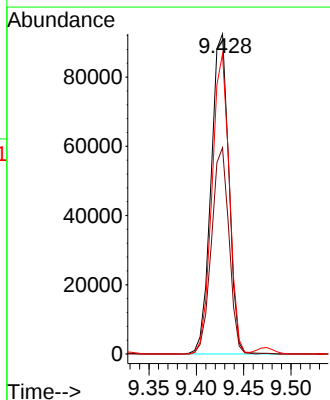
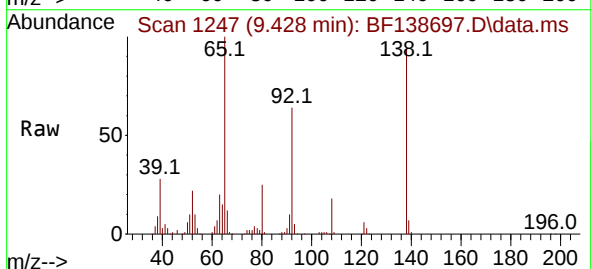
Manual Integrations
APPROVED

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



#48
2-Nitroaniline
Concen: 49.764 ng
RT: 9.428 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

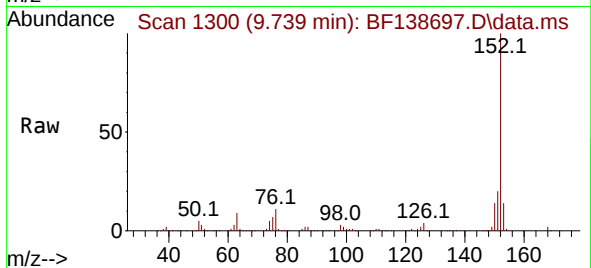
Tgt Ion: 65 Resp: 120216
Ion Ratio Lower Upper
65 100
92 64.4 52.0 78.0
138 93.7 76.2 114.4





#49
Acenaphthylene
Concen: 52.666 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

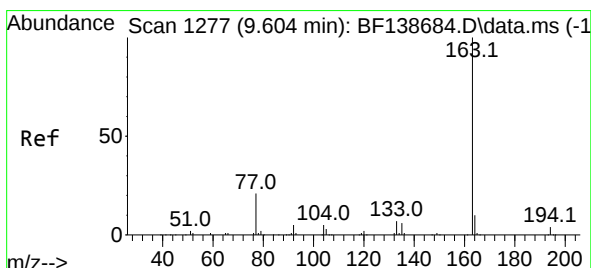
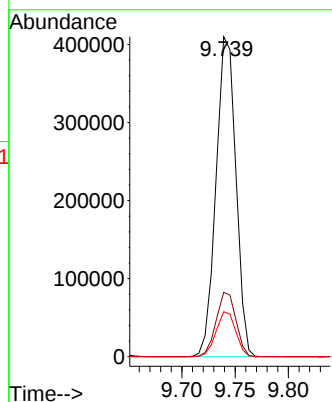
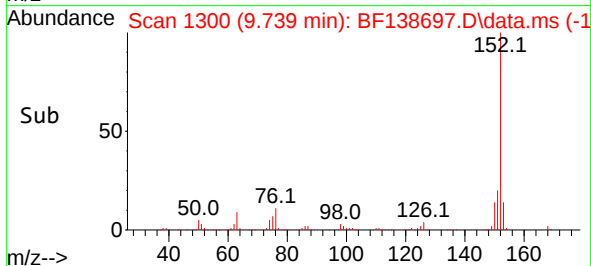
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:152 Resp: 532268
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.1 11.0 16.4

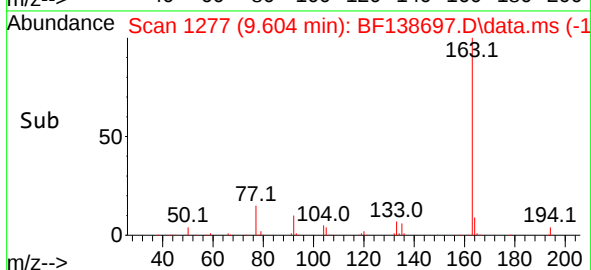
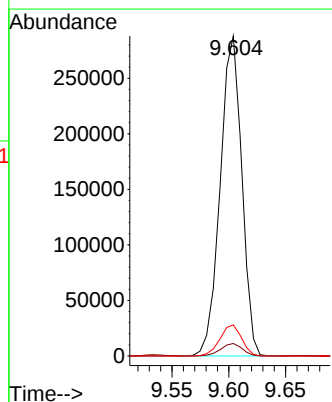
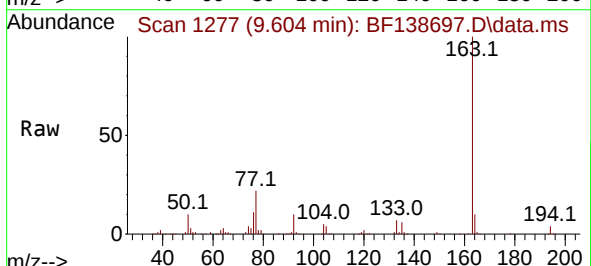
Manual Integrations
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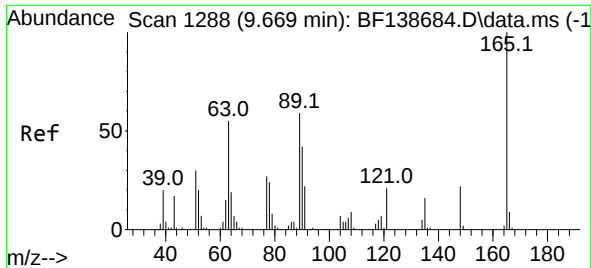
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#50
Dimethylphthalate
Concen: 48.715 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:163 Resp: 381063
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.7 7.8 11.8





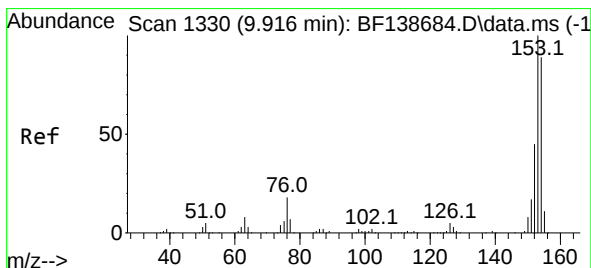
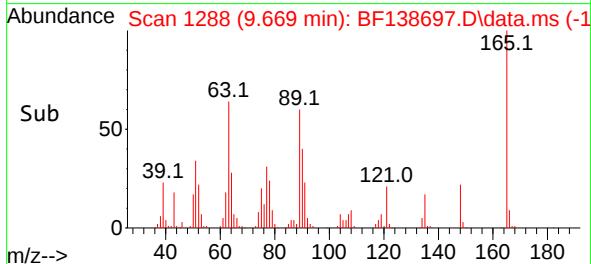
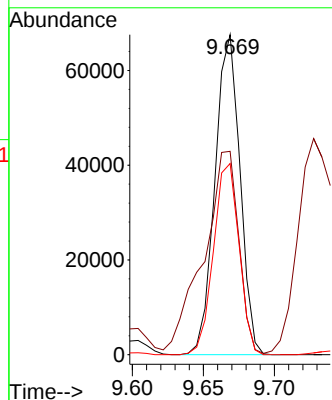
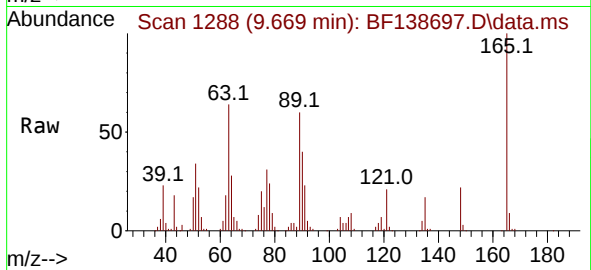
#51
2,6-Dinitrotoluene
Concen: 46.830 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

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

Tgt Ion:165 Resp: 8267
Ion Ratio Lower Upper
165 100
63 63.6 52.0 78.0
89 59.8 47.0 70.6

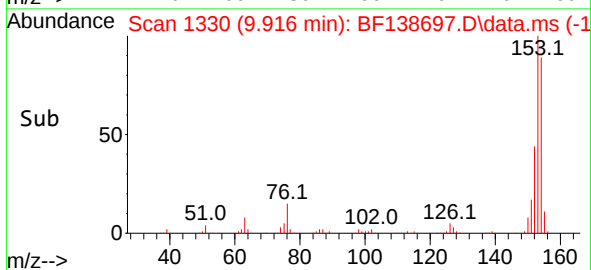
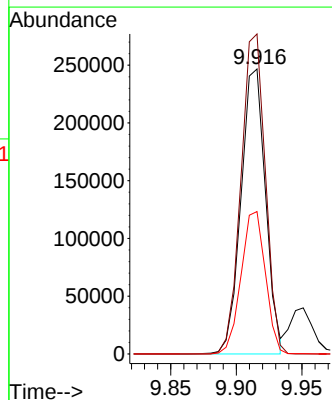
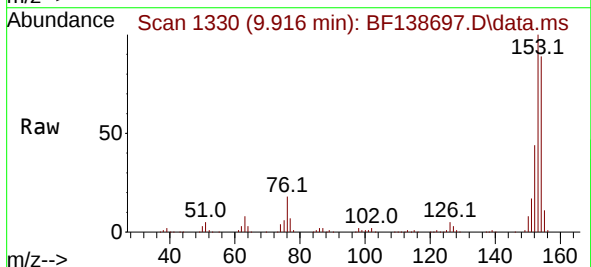
Manual Integrations
APPROVED

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



#52
Acenaphthene
Concen: 47.387 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:154 Resp: 321937
Ion Ratio Lower Upper
154 100
153 112.3 89.9 134.9
152 50.0 40.6 60.8





#53

3-Nitroaniline

Concen: 34.365 ng

RT: 9.833 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

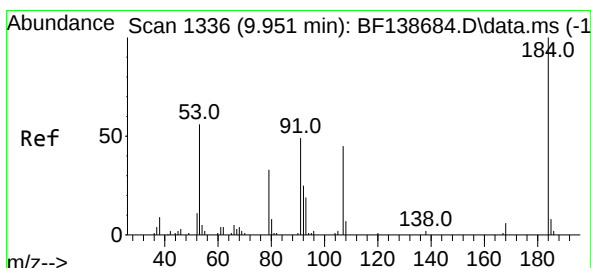
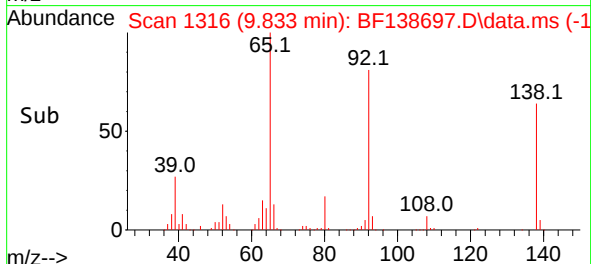
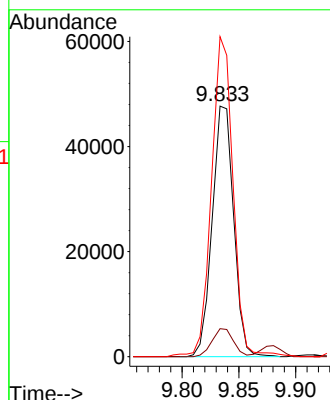
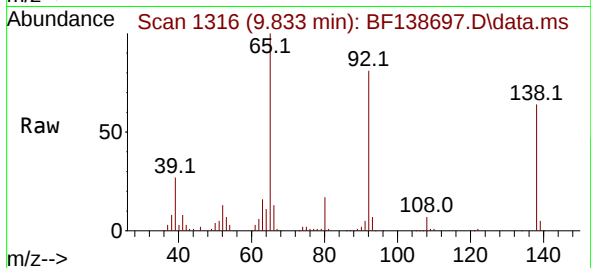
Tgt Ion:138 Resp: 6271

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	127.7	98.7	148.1

Manual Integrations

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



#54

2,4-Dinitrophenol

Concen: 98.644 ng

RT: 9.951 min Scan# 1336

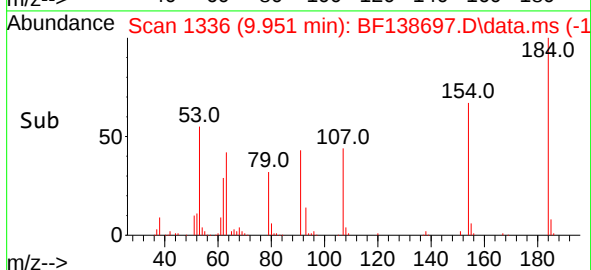
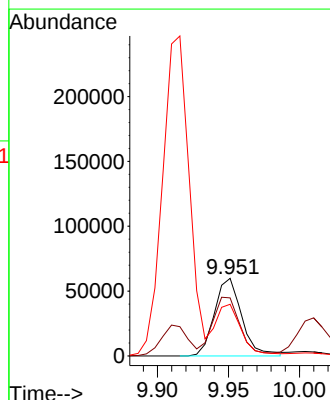
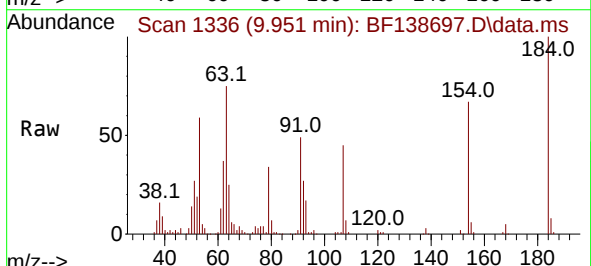
Delta R.T. 0.000 min

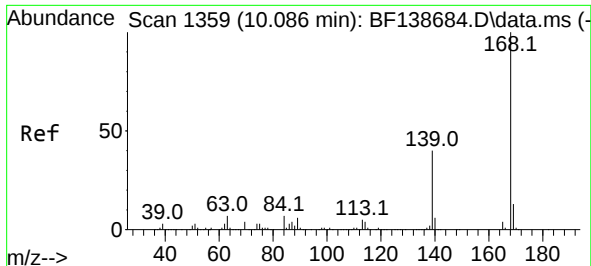
Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Tgt Ion:184 Resp: 80162

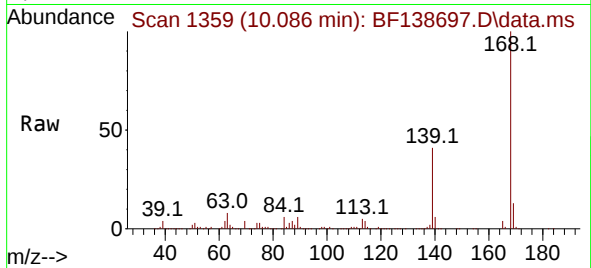
Ion	Ratio	Lower	Upper
184	100		
63	74.9	57.5	86.3
154	66.7	51.7	77.5





#55
Dibenzenofuran
Concen: 48.500 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

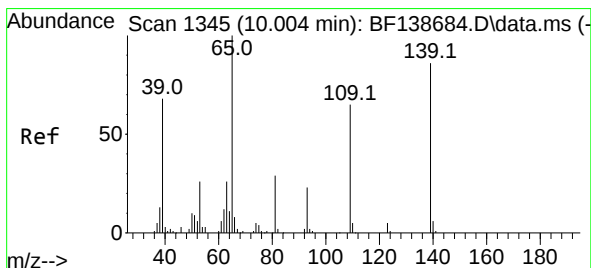
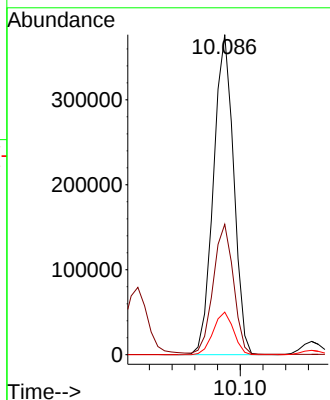
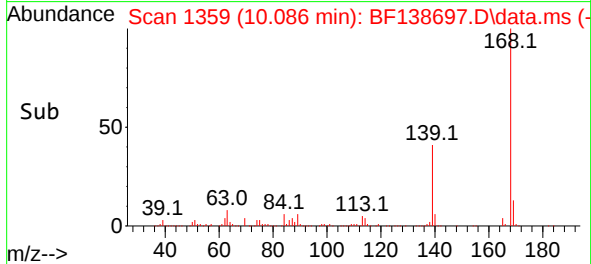
Instrument : BNA_F
ClientSampleId : S-852-GI-SO-9.5-10-072624MS



Tgt Ion:168 Resp: 46512
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 13.3 10.7 16.1

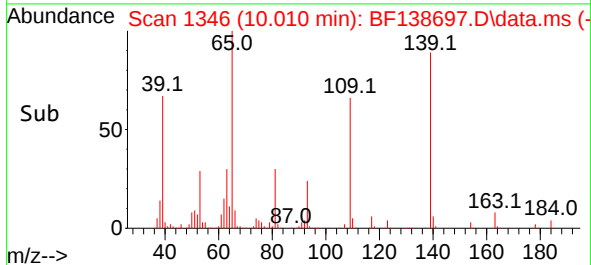
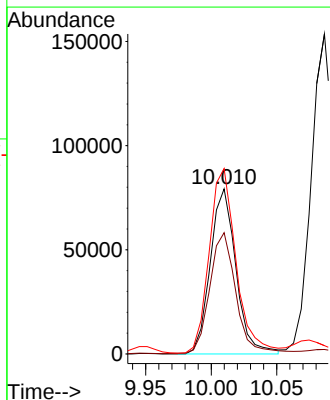
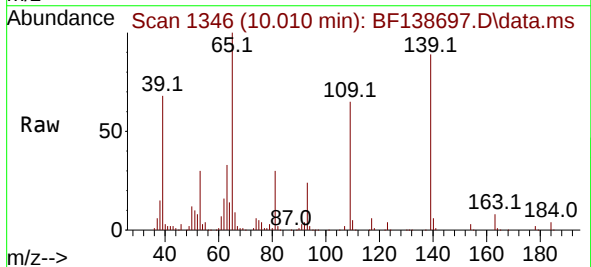
Manual Integrations
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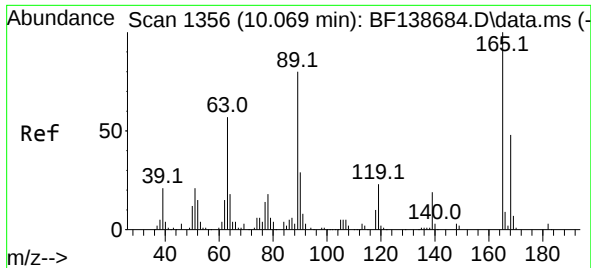
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#56
4-Nitrophenol
Concen: 98.493 ng
RT: 10.010 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

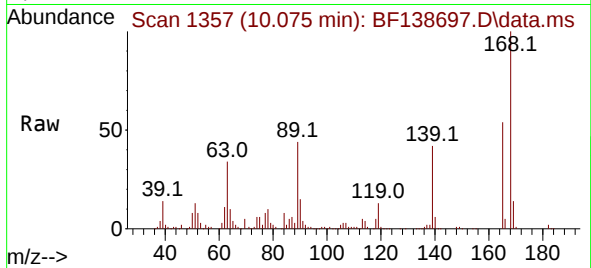
Tgt Ion:139 Resp: 108090
Ion Ratio Lower Upper
139 100
109 73.4 55.5 95.5
65 112.2 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 47.822 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

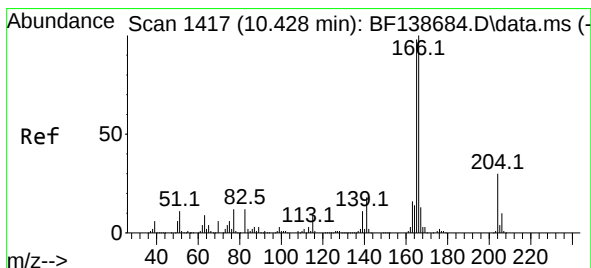
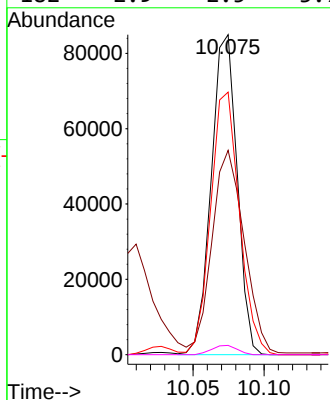
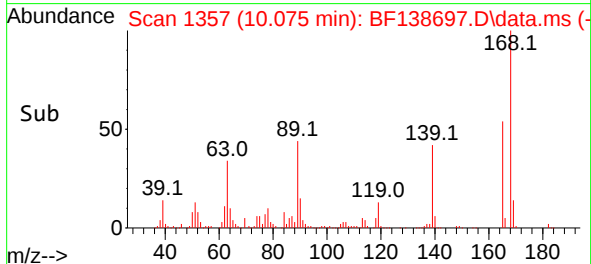
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:165 Resp: 107709
Ion Ratio Lower Upper
165 100
63 63.8 46.3 69.5
89 82.1 64.2 96.4
182 2.9 2.5 3.7

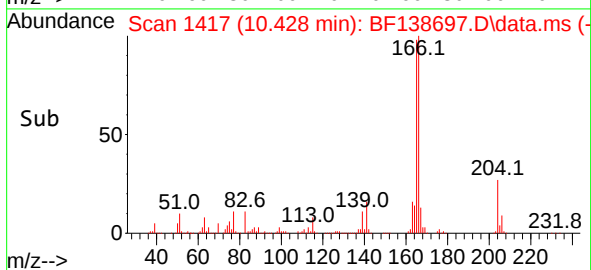
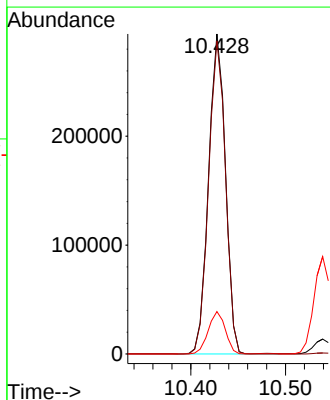
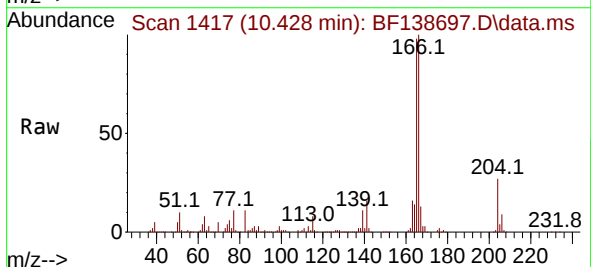
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#58
Fluorene
Concen: 47.651 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

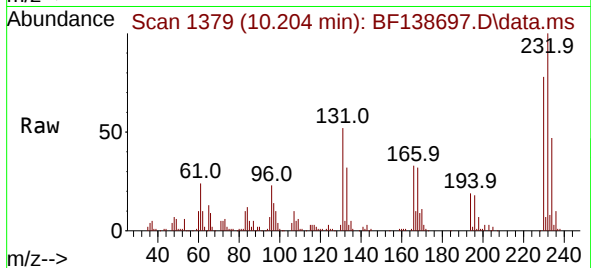
Tgt Ion:166 Resp: 363910
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.937 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

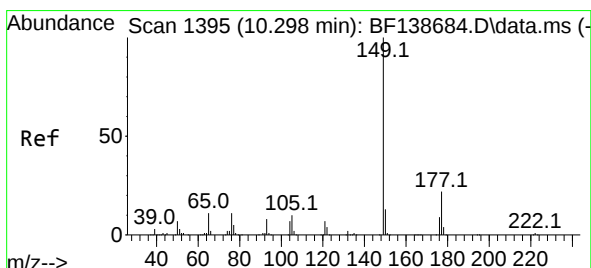
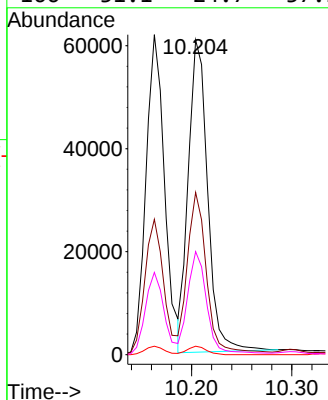
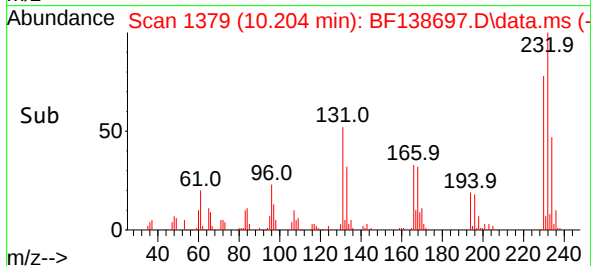
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



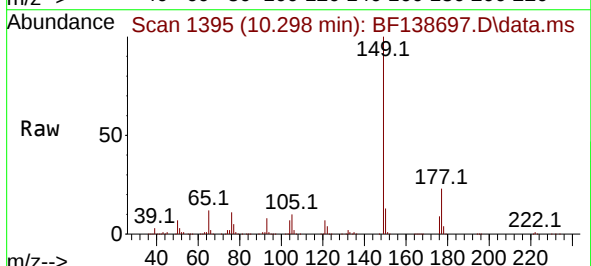
Tgt Ion:232 Resp: 8128
Ion Ratio Lower Upper
232 100
131 49.6 37.0 55.4
130 2.6 2.0 3.0
166 31.1 24.7 37.1

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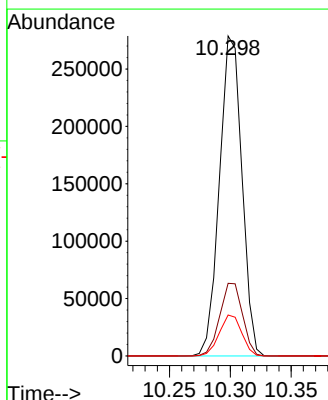
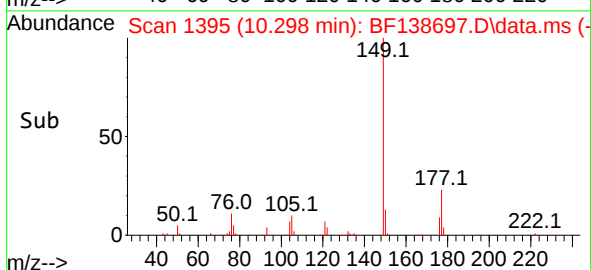
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

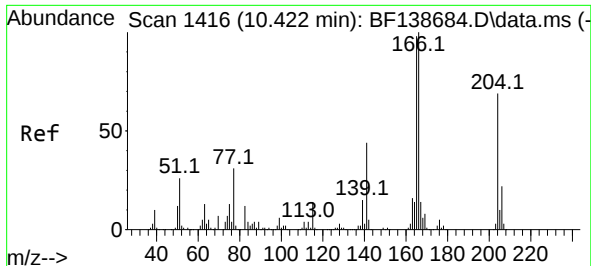


#60
Diethylphthalate
Concen: 48.309 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



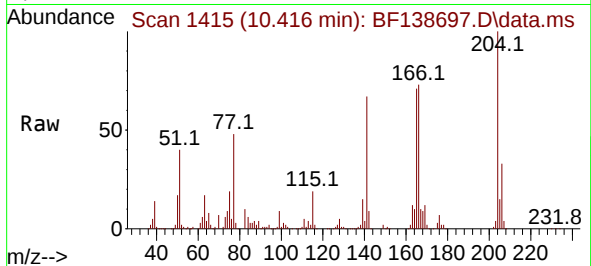
Tgt Ion:149 Resp: 358303
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.487 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

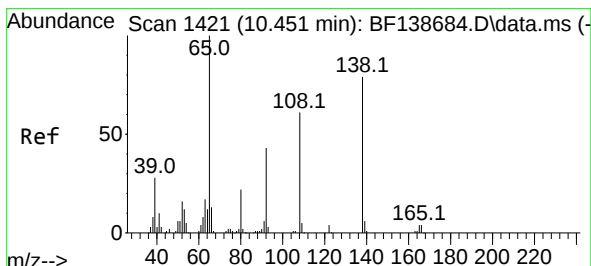
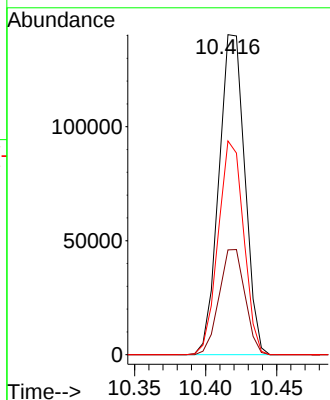
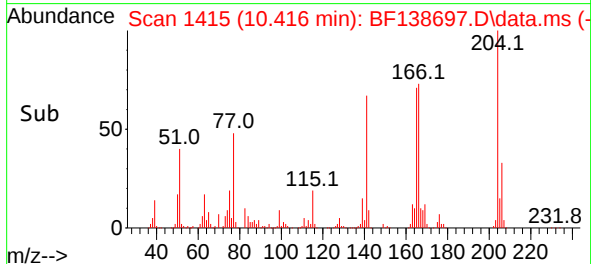
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:204 Resp: 178362
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 66.8 51.4 77.0

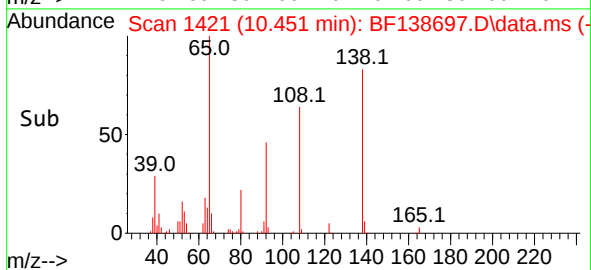
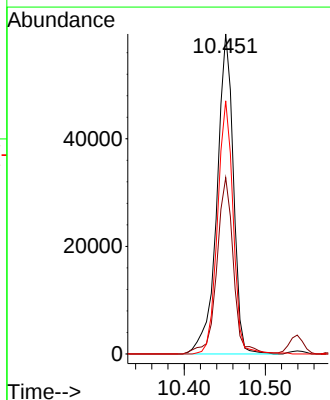
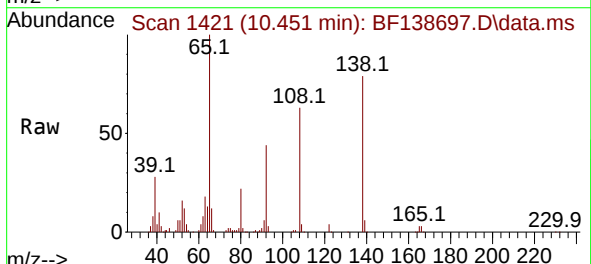
Manual Integrations
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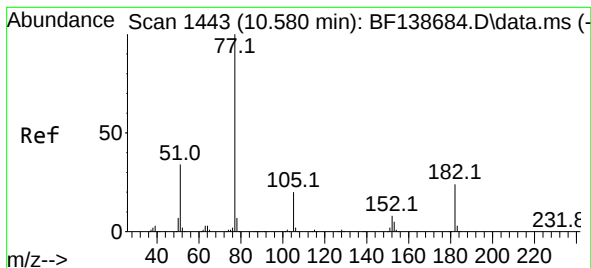
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#62
4-Nitroaniline
Concen: 48.477 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

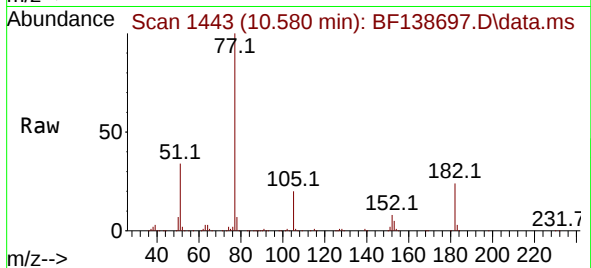
Tgt Ion:138 Resp: 84073
Ion Ratio Lower Upper
138 100
92 55.1 34.2 74.2
108 79.1 56.2 96.2





#63
Azobenzene
Concen: 48.796 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

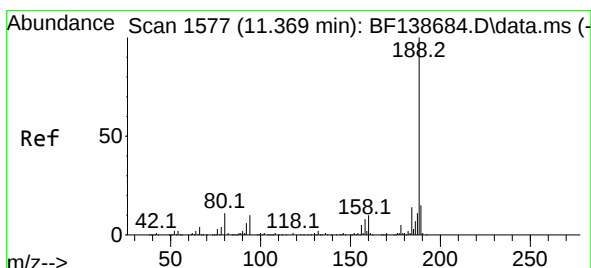
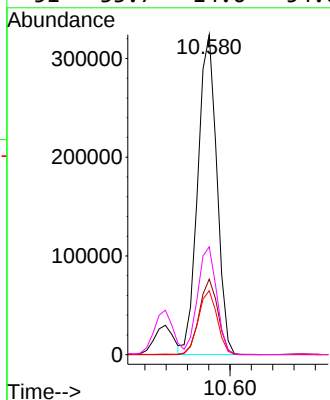
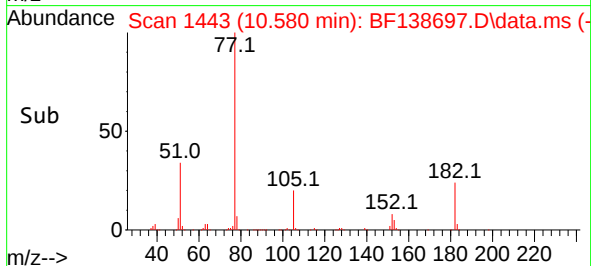
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion: 77 Resp: 401398
Ion Ratio Lower Upper
77 100
182 23.6 3.4 43.4
105 20.0 0.2 40.2
51 33.7 14.6 54.6

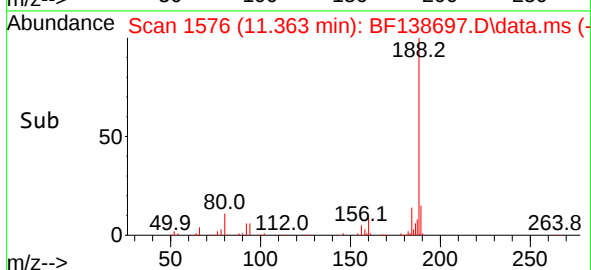
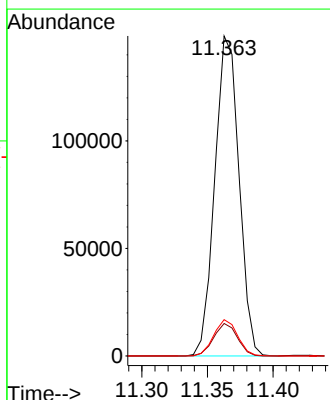
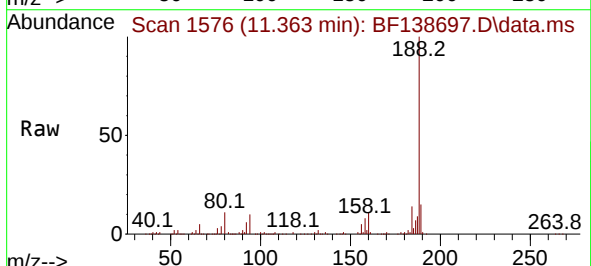
Manual Integrations
APPROVED

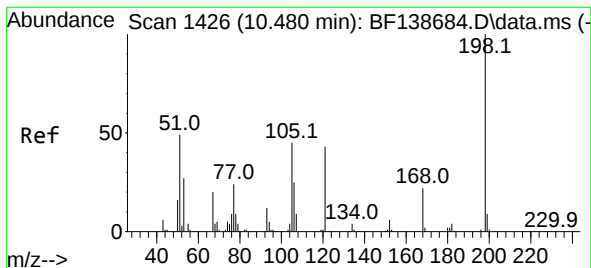
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

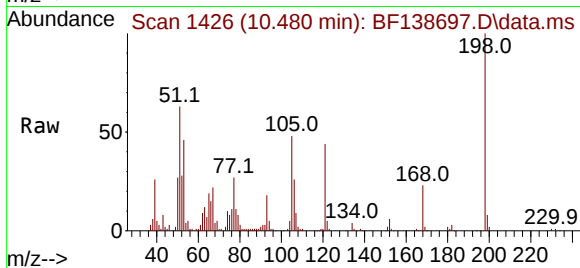
Tgt Ion:188 Resp: 190515
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.4 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 52.466 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

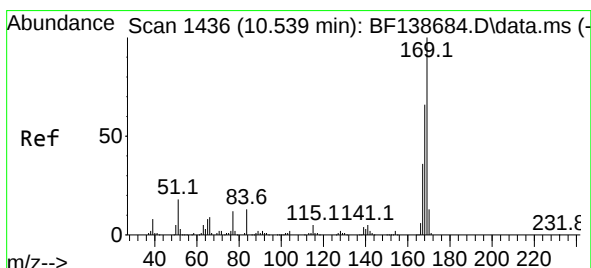
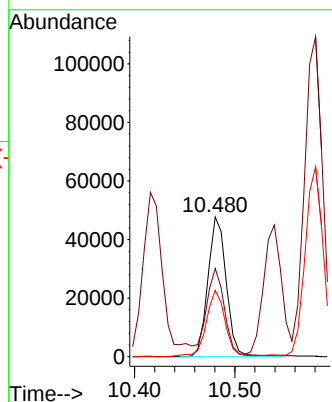
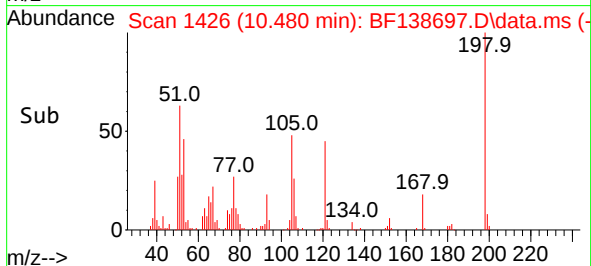
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



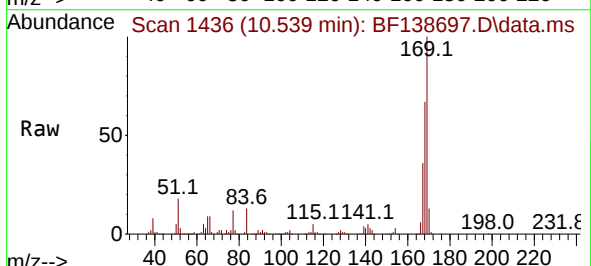
Tgt Ion:198 Resp: 6098
Ion Ratio Lower Upper
198 100
51 63.0 39.9 79.9
105 47.5 26.1 66.1

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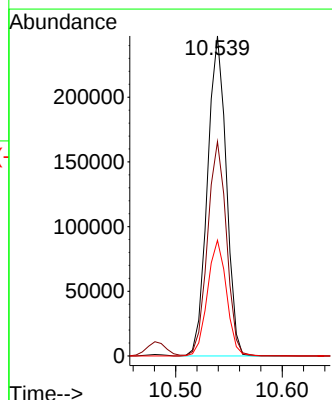
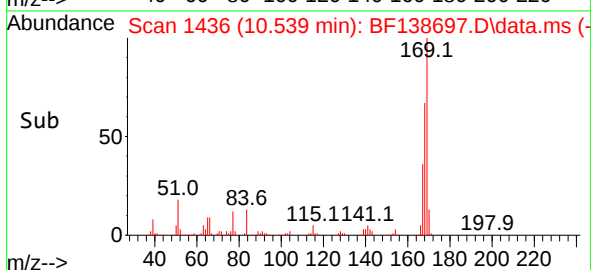
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#66
n-Nitrosodiphenylamine
Concen: 51.022 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



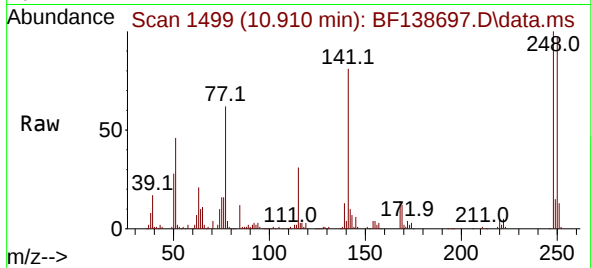
Tgt Ion:169 Resp: 303839
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.067 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

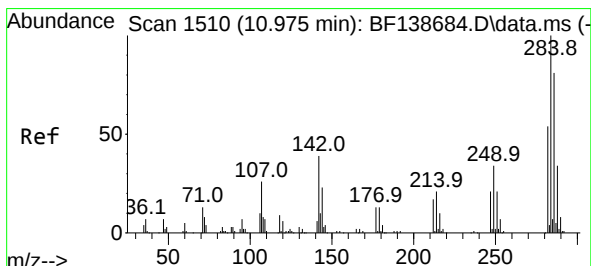
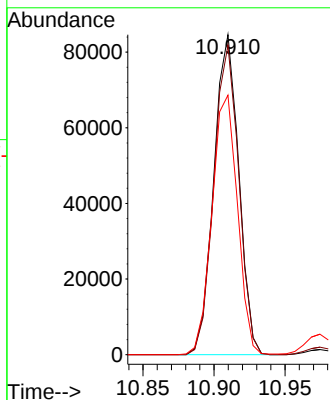
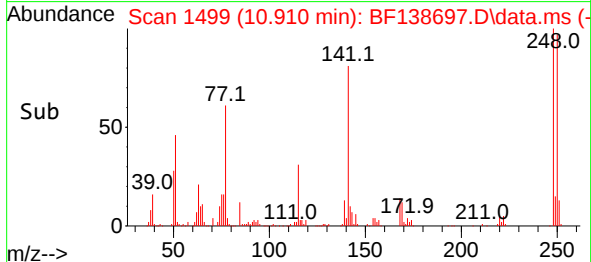
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:248 Resp: 10327
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 81.1 68.0 102.0

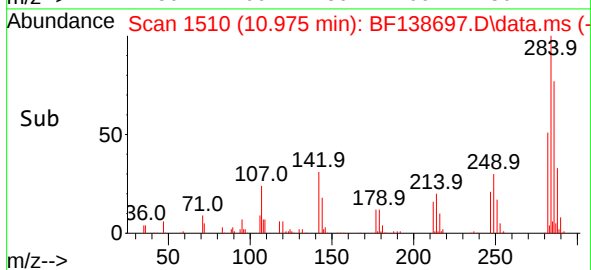
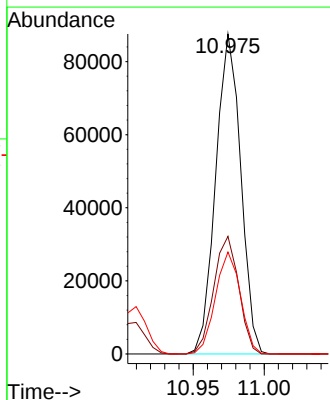
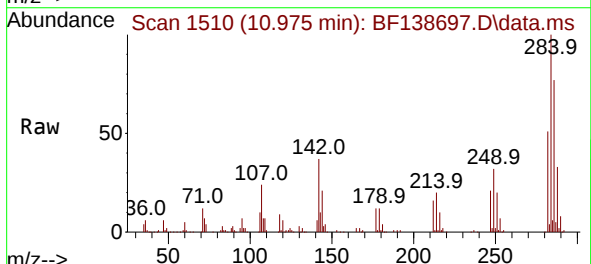
Manual Integrations
APPROVED

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



#68
Hexachlorobenzene
Concen: 50.352 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:284 Resp: 107236
Ion Ratio Lower Upper
284 100
142 36.8 31.3 46.9
249 31.9 27.2 40.8





#69

Atrazine

Concen: 57.909 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

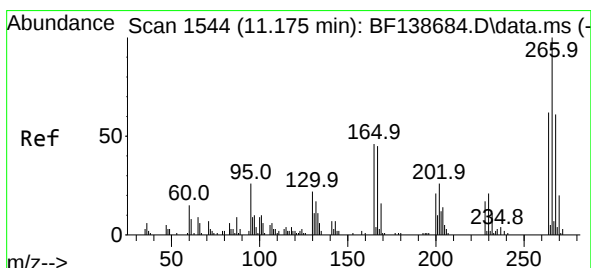
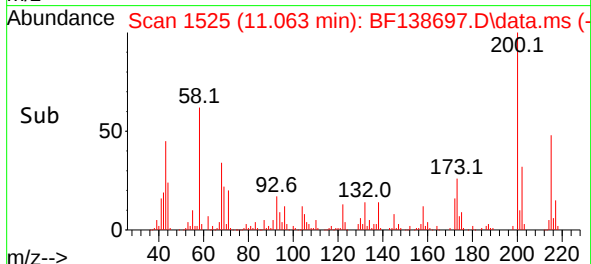
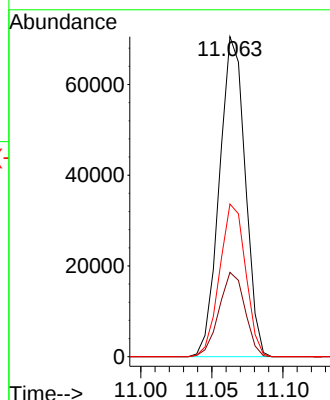
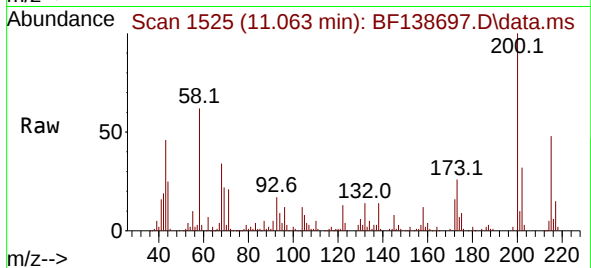
S-852-GI-SO-9.5-10-072624MS

Tgt Ion:	200	Resp:	8897
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.0	46.0
215	47.7	26.1	66.1

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 96.526 ng

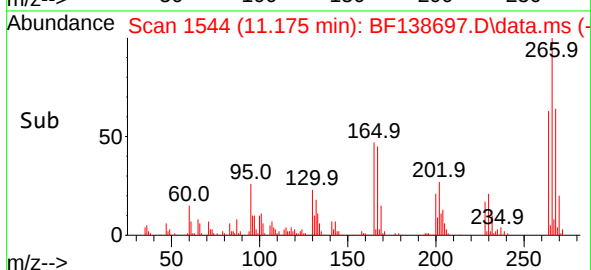
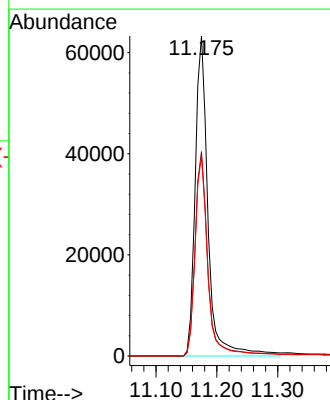
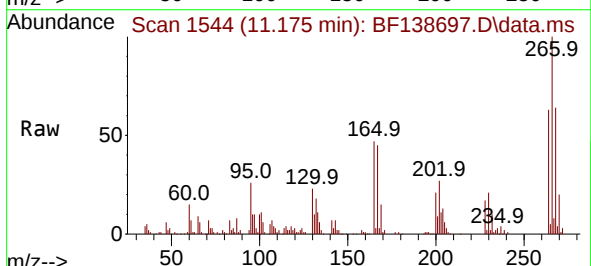
RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

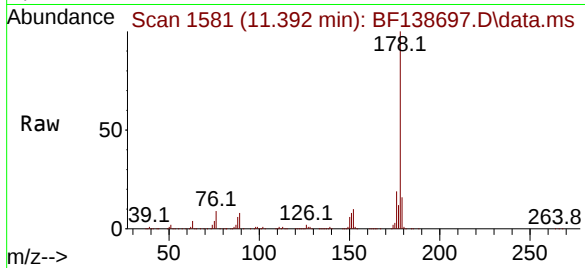
Tgt Ion:	266	Resp:	92661
Ion Ratio	Lower	Upper	
266	100		
268	63.9	49.2	73.8
264	62.5	49.8	74.6





#71
Phenanthrene
Concen: 50.952 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

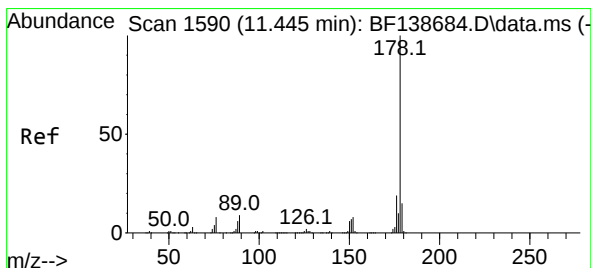
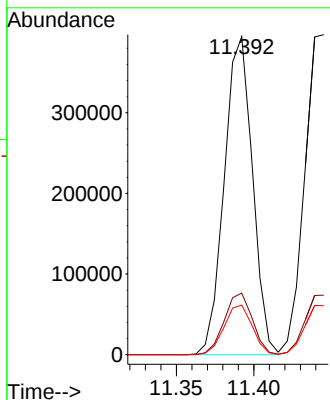
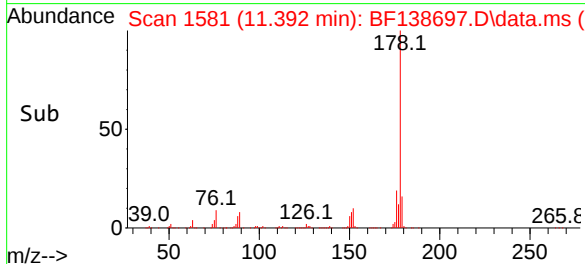
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:178 Resp: 499844
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.2 18.2

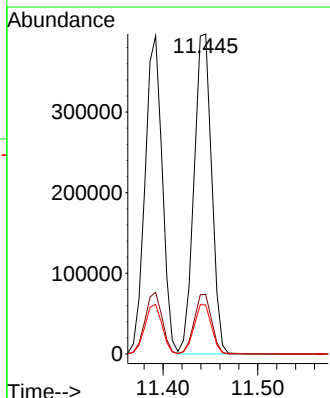
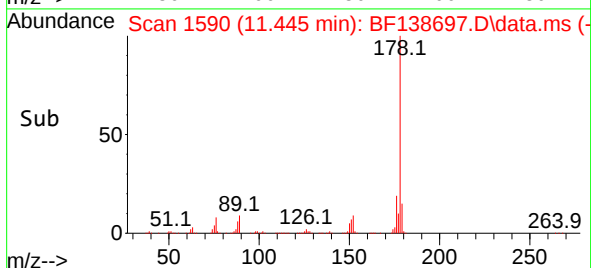
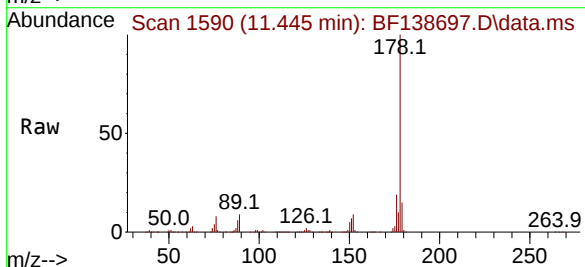
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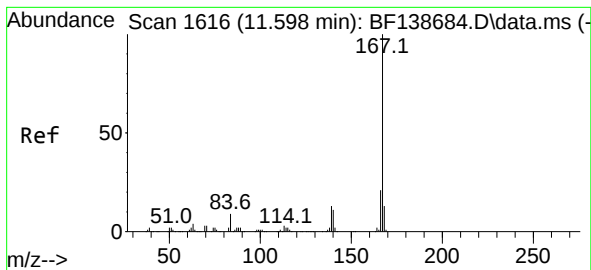
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#72
Anthracene
Concen: 53.134 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:178 Resp: 513499
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 52.110 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138697.D

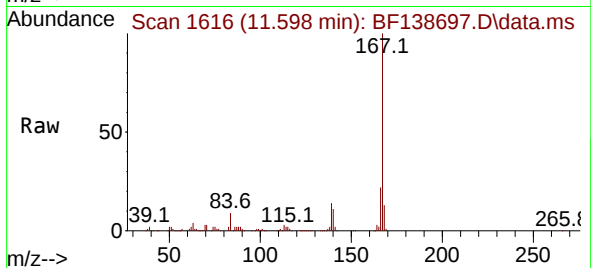
Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

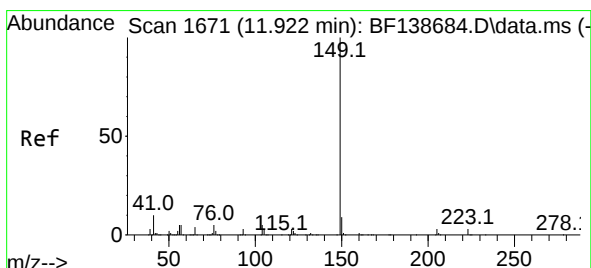
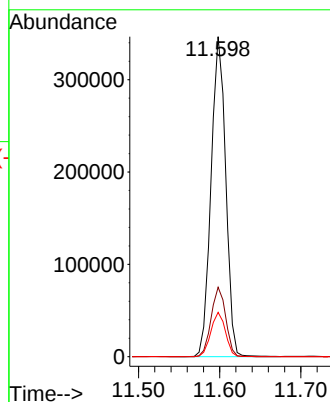
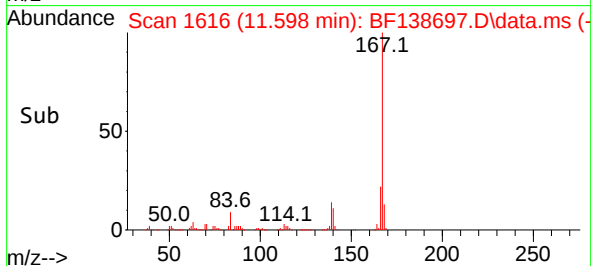


Tgt Ion:167	Resp: 434479
Ion Ratio	Lower Upper
167 100	
166 21.7	17.2 25.8
139 13.9	10.6 16.0

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: 58.172 ng

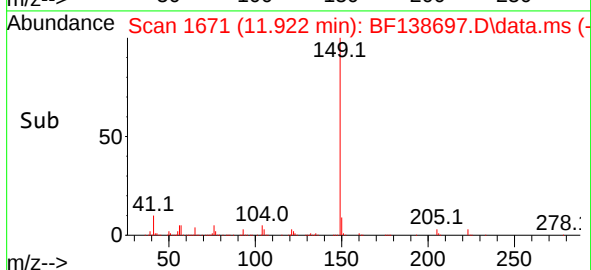
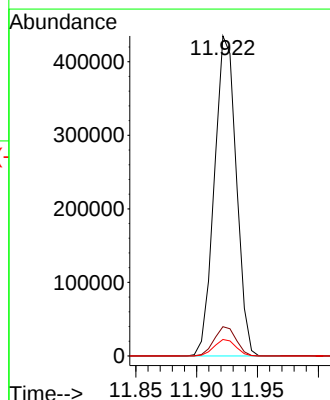
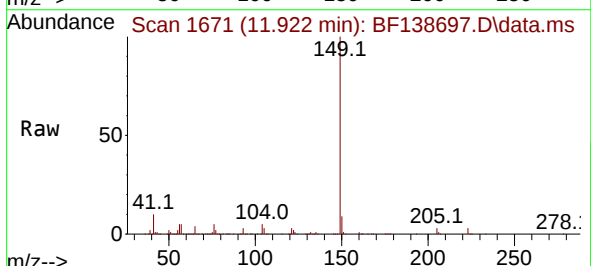
RT: 11.922 min Scan# 1671

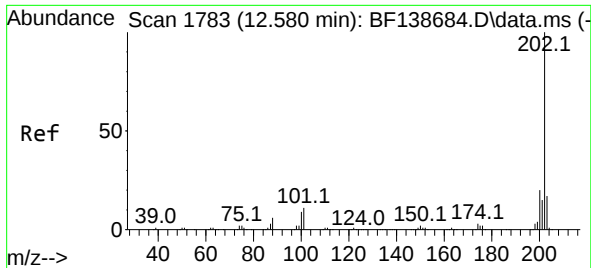
Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

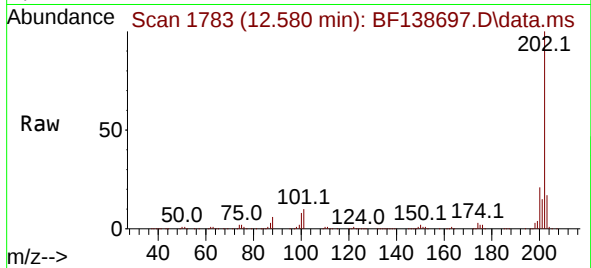
Tgt Ion:149	Resp: 545250
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 5.1	4.1 6.1





#75
Fluoranthene
Concen: 54.969 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

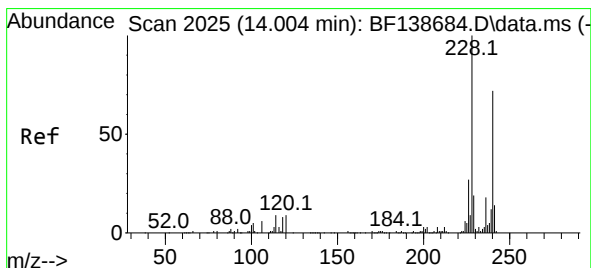
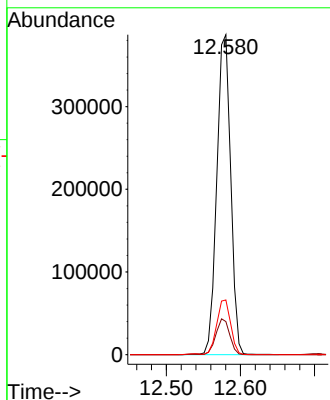
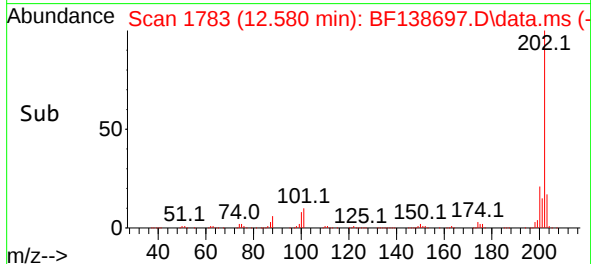
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:202 Resp: 50341
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.2
203 17.1 0.0 37.3

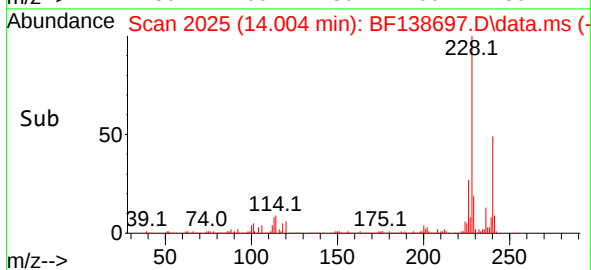
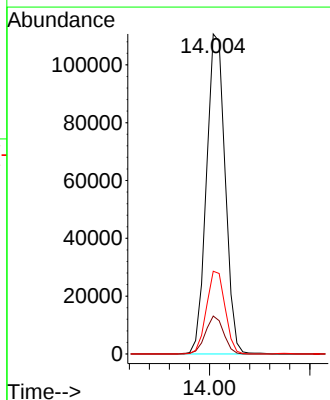
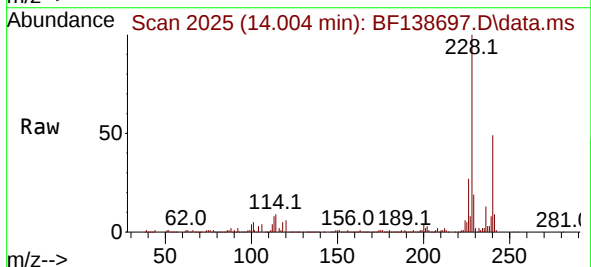
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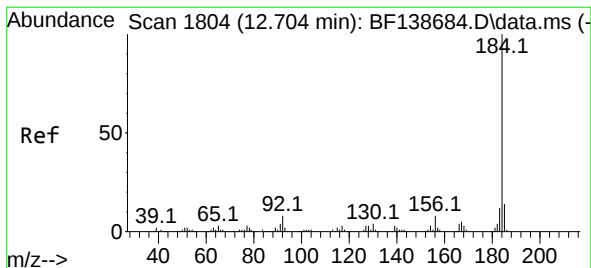
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:240 Resp: 143054
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 25.9 19.8 29.8





#77

Benzidine

Concen: 60.311 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138697.D

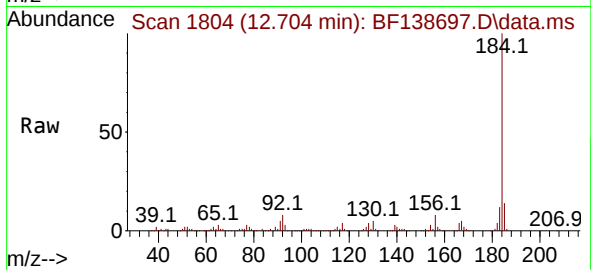
Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

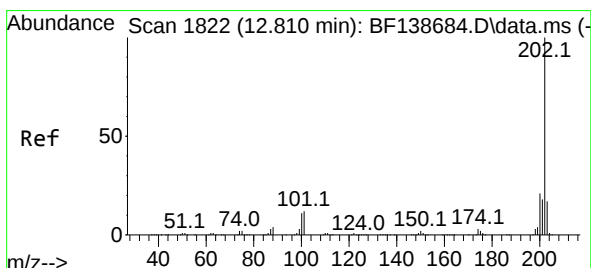
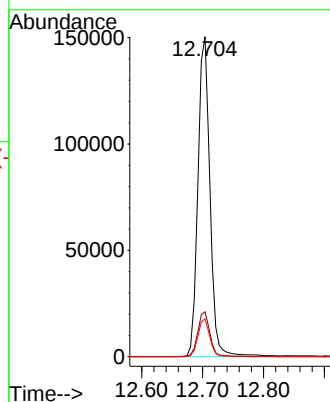
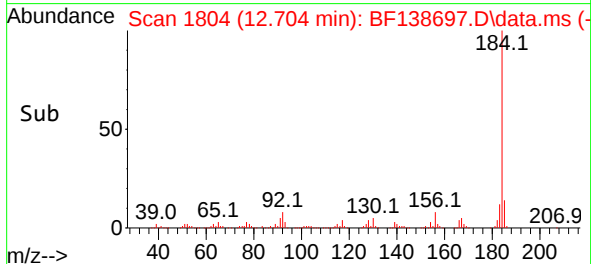


Tgt Ion:184	Resp: 20636
Ion Ratio	Lower Upper
184	100
185	14.1 11.1 16.7
183	11.8 9.6 14.4

Manual Integrations

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



#78

Pyrene

Concen: 37.729 ng

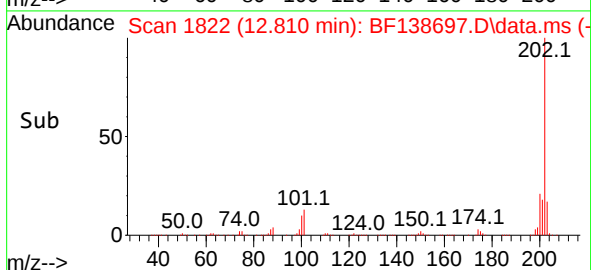
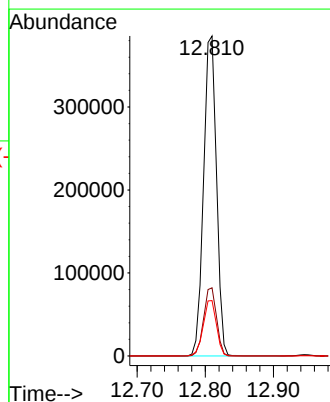
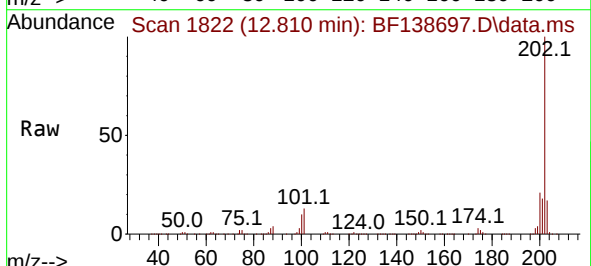
RT: 12.810 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

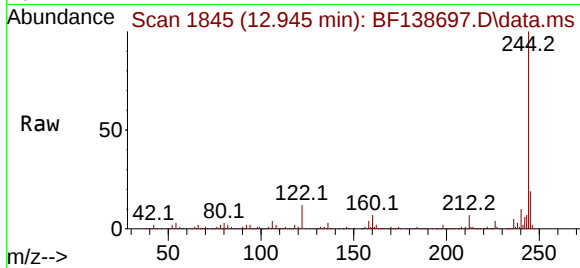
Tgt Ion:202	Resp: 508171
Ion Ratio	Lower Upper
202	100
200	21.3 16.8 25.2
203	17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 64.137 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138697.D
 Acq: 31 Jul 2024 12:10

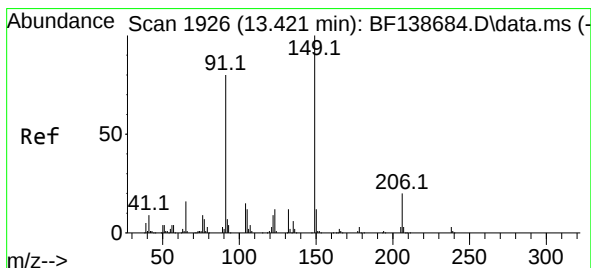
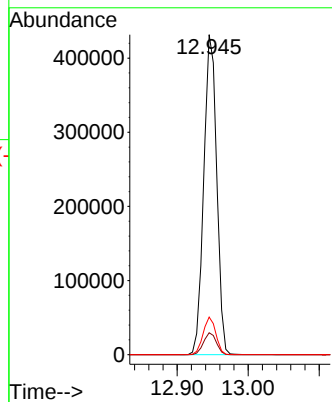
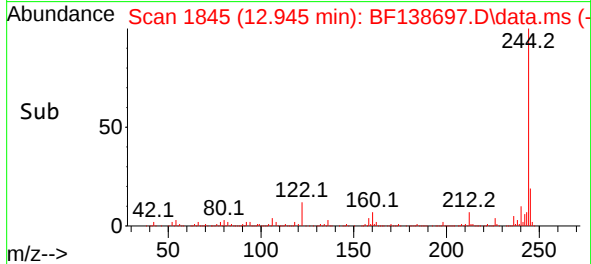
Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624MS



Tgt Ion:244 Resp: 54800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.8 9.6 14.4

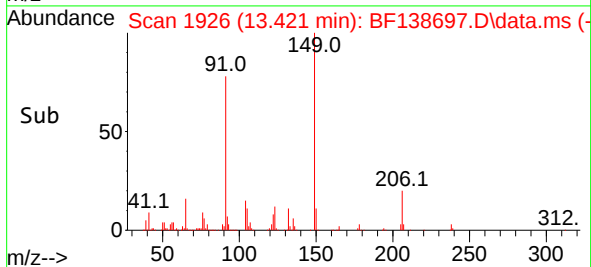
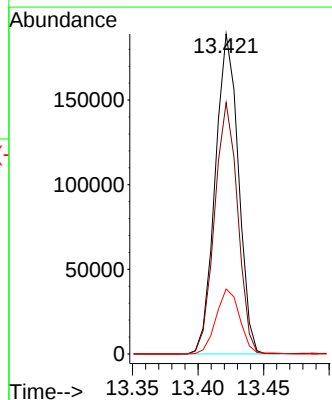
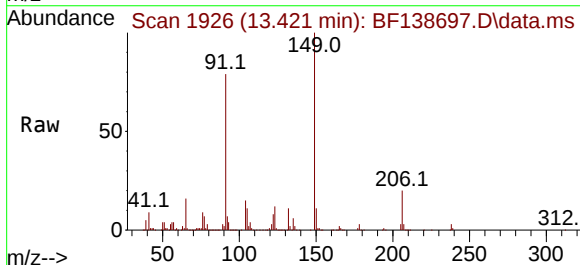
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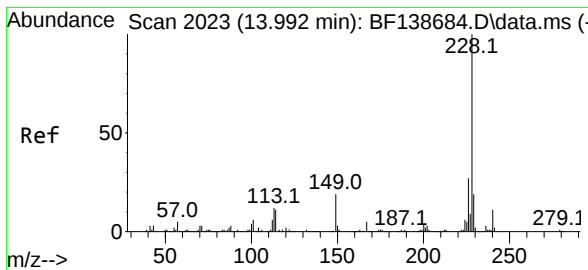
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#80
 Butylbenzylphthalate
 Concen: 53.896 ng
 RT: 13.421 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: BF138697.D
 Acq: 31 Jul 2024 12:10

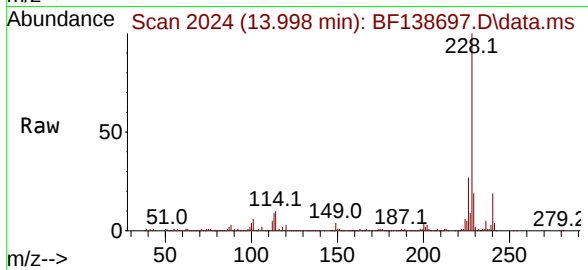
Tgt Ion:149 Resp: 232459
 Ion Ratio Lower Upper
 149 100
 91 78.5 63.7 95.5
 206 20.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 51.226 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

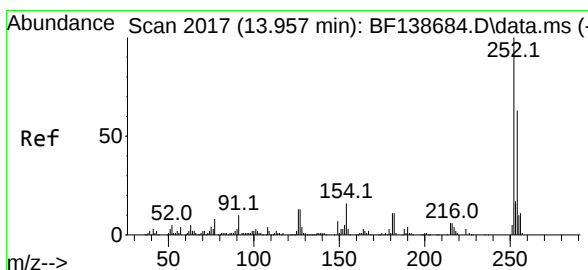
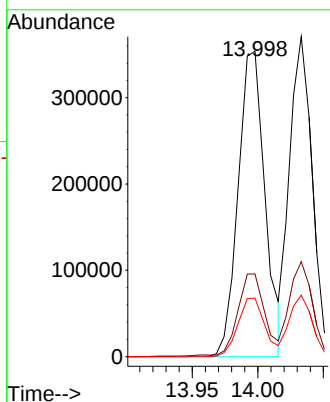
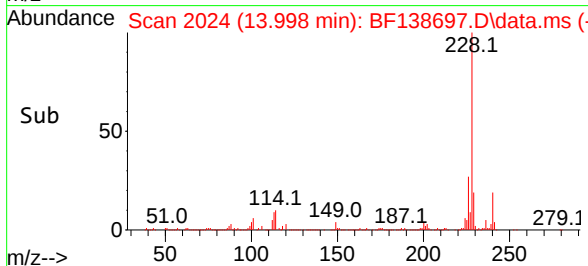
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



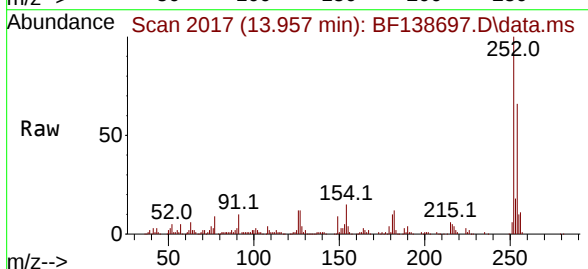
Tgt Ion:228 Resp: 504620
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.2 15.4 23.0

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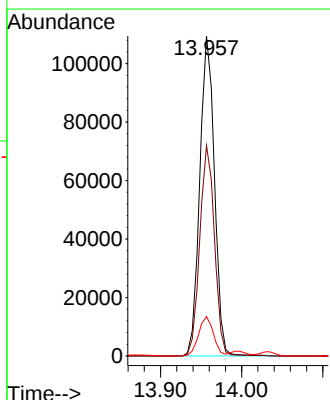
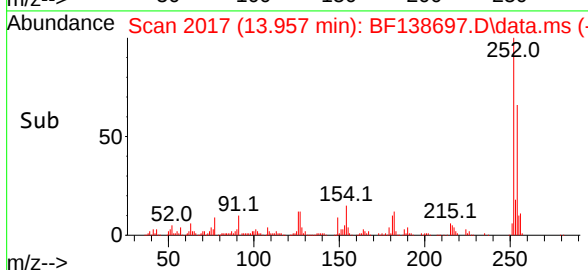
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#82
3,3'-Dichlorobenzidine
Concen: 54.531 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



Tgt Ion:252 Resp: 137469
Ion Ratio Lower Upper
252 100
254 65.8 50.8 76.2
126 12.3 10.2 15.2





#83

Chrysene

Concen: 50.207 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

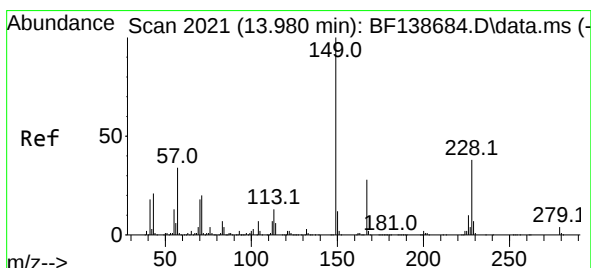
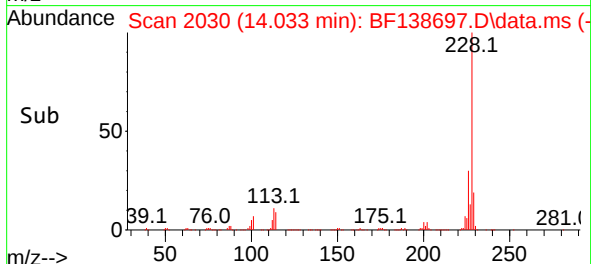
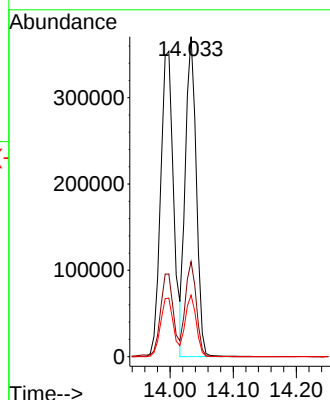
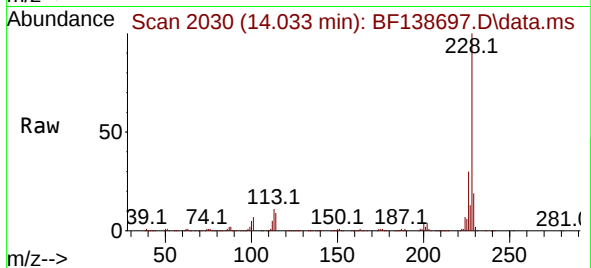
Tgt Ion:228 Resp: 446218

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.2	15.0	22.6

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.703 ng

RT: 13.980 min Scan# 2021

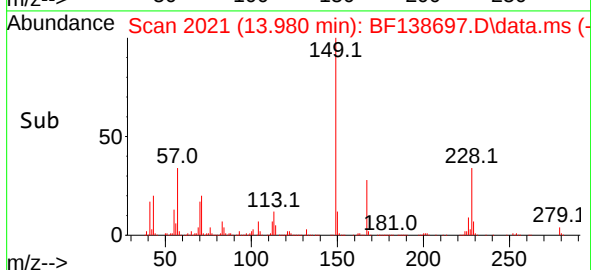
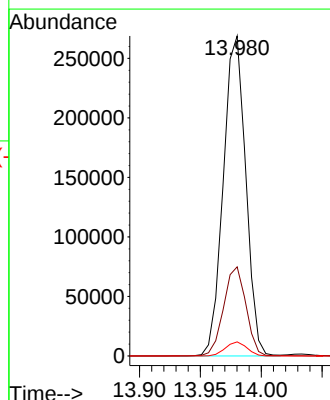
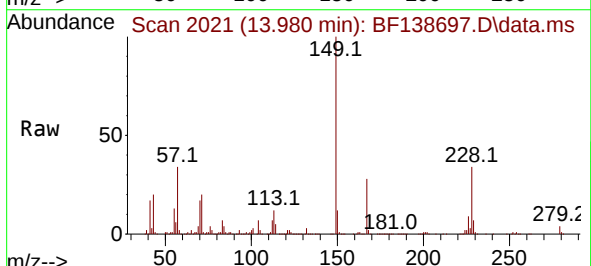
Delta R.T. -0.000 min

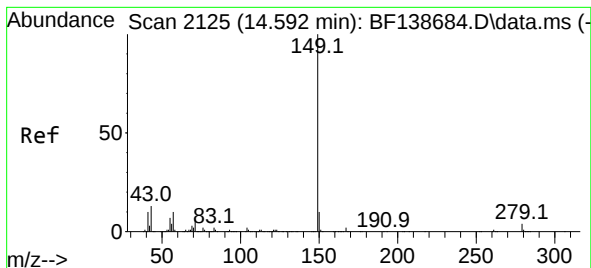
Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

Tgt Ion:149 Resp: 345498

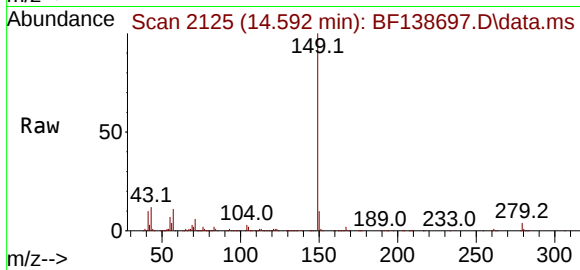
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.4	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 53.068 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

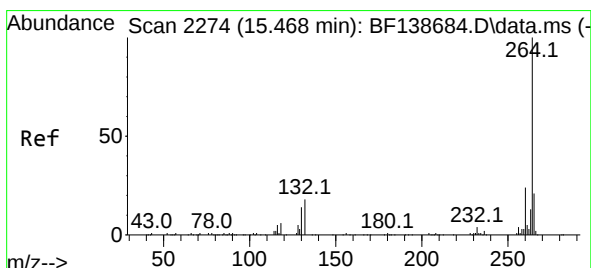
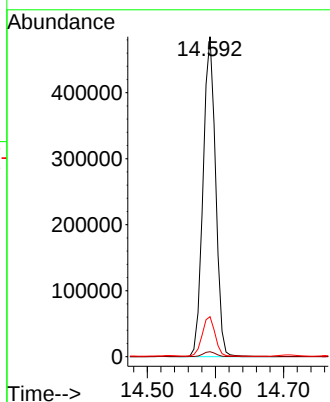
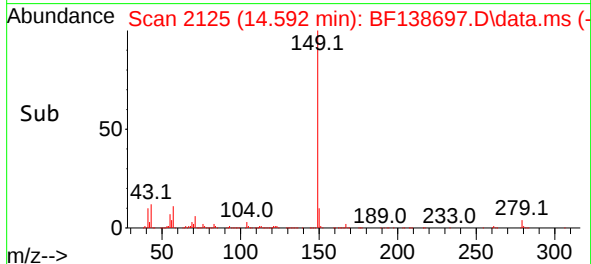
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:149 Resp: 620110
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.7 10.4 15.6

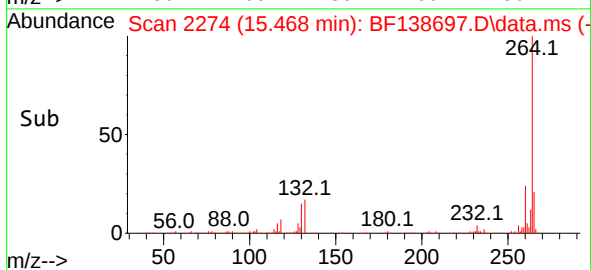
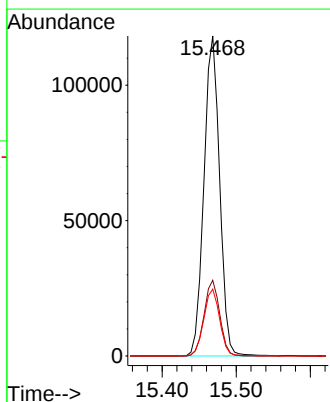
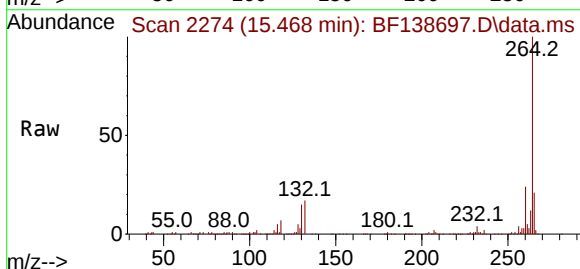
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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:264 Resp: 173608
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.134 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138697.D

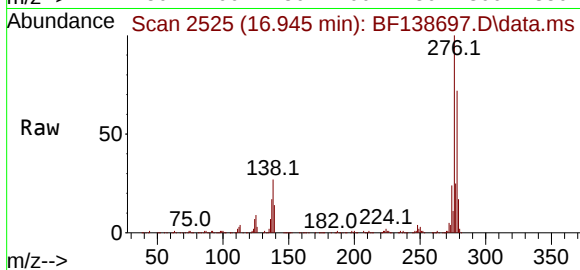
Acq: 31 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

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

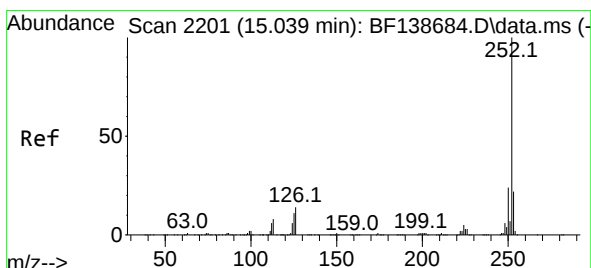
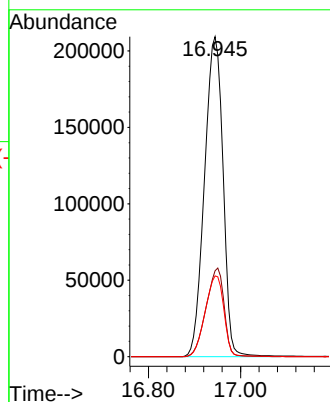
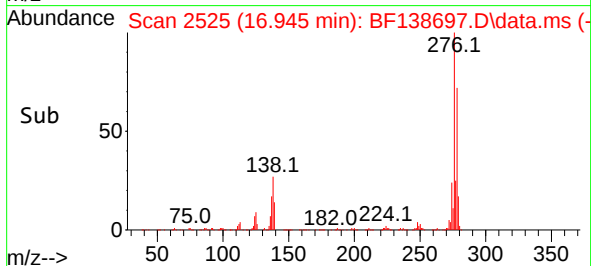


Tgt Ion:	276	Resp:	58641
Ion Ratio	Lower	Upper	
276	100		
138	27.0	21.8	32.8
277	25.5	20.6	30.8

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



#88

Benzo(b)fluoranthene

Concen: 48.016 ng

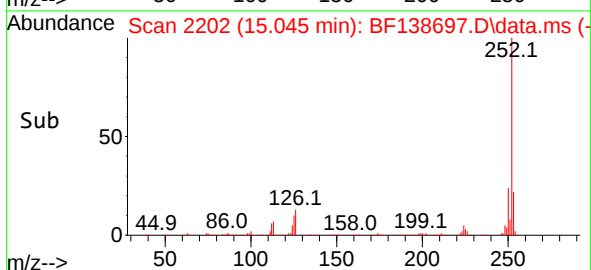
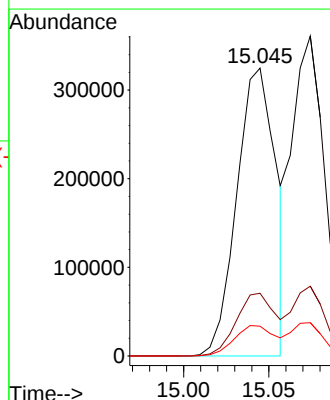
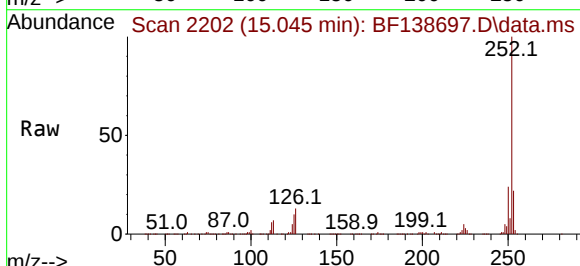
RT: 15.045 min Scan# 2202

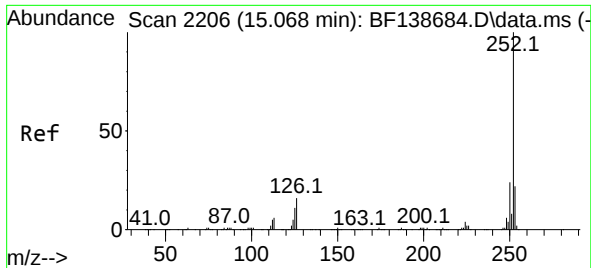
Delta R.T. 0.006 min

Lab File: BF138697.D

Acq: 31 Jul 2024 12:10

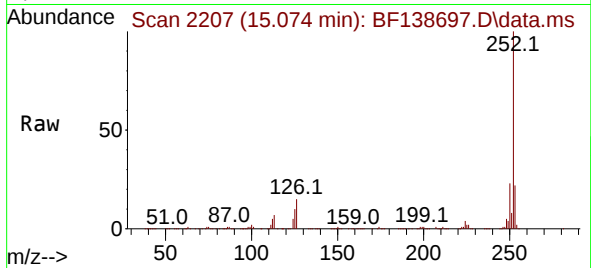
Tgt Ion:	252	Resp:	516744
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	10.3	8.9	13.3





#89
Benzo(k)fluoranthene
Concen: 51.587 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

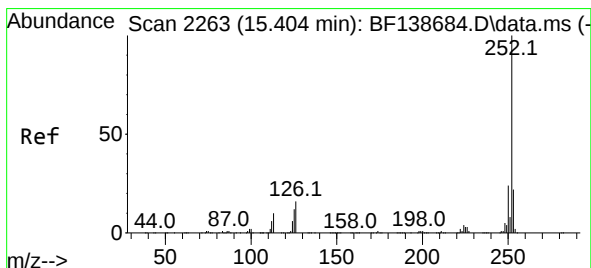
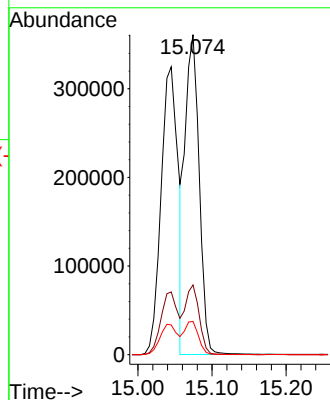
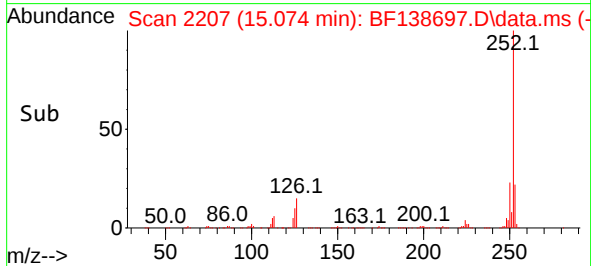
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



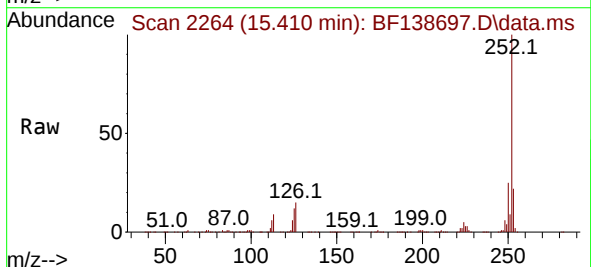
Tgt Ion:252 Resp: 480685
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.4 8.6 13.0

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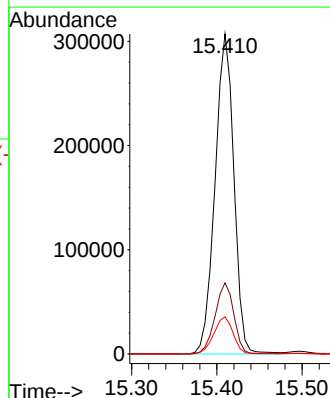
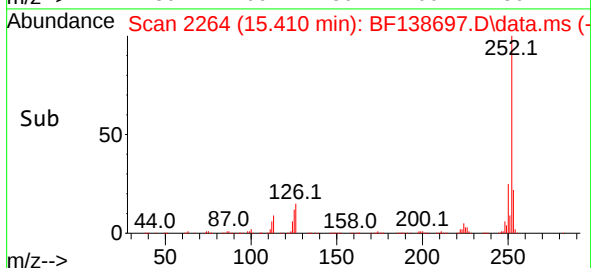
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

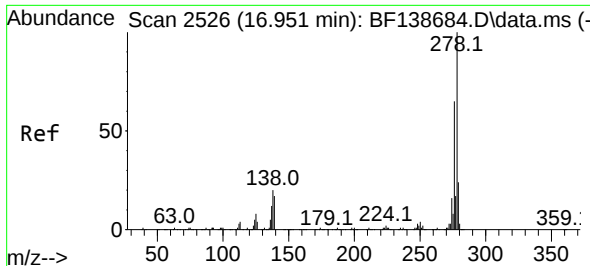


#90
Benzo(a)pyrene
Concen: 52.175 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10



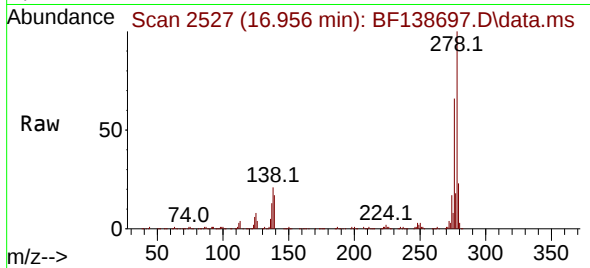
Tgt Ion:252 Resp: 472308
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.6 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.058 ng
RT: 16.956 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

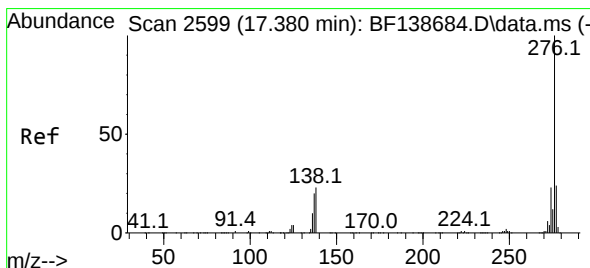
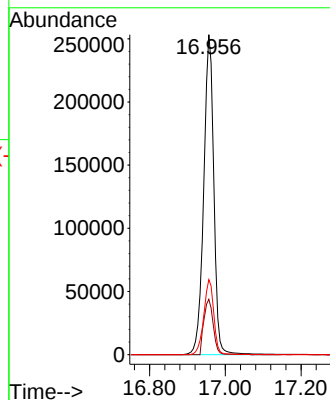
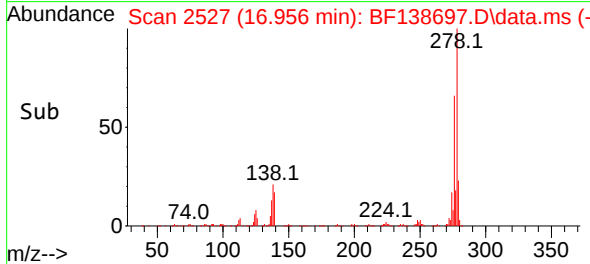
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624MS



Tgt Ion:278 Resp: 470384
Ion Ratio Lower Upper
278 100
139 17.3 14.0 21.0
279 23.4 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 42.553 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138697.D
Acq: 31 Jul 2024 12:10

Tgt Ion:276 Resp: 450972
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 23.1 18.5 27.7

