

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138716.D
 Acq On : 01 Aug 2024 10:45
 Operator : RC/JU
 Sample : PB162312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162312BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 01 11:18:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	87490	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	359981	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	201530	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	342771	20.000	ng	0.00
76) Chrysene-d12	14.010	240	167107	20.000	ng	0.00
86) Perylene-d12	15.474	264	160644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	701274	123.731	ng	0.02
7) Phenol-d6	6.493	99	928204	121.979	ng	0.00
23) Nitrobenzene-d5	7.416	82	611853	83.100	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	220738	133.716	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	1072120	79.931	ng	0.00
79) Terphenyl-d14	12.951	244	1016853	101.880	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	83691	33.728	ng	99
3) Pyridine	3.469	79	221468	36.844	ng	97
4) n-Nitrosodimethylamine	3.434	42	165923	46.347	ng	98
6) Aniline	6.510	93	238813	35.191	ng	# 42
8) 2-Chlorophenol	6.634	128	282321	47.345	ng	99
9) Benzaldehyde	6.398	77	282505	61.932	ng	99
10) Phenol	6.504	94	363907	45.421	ng	89
11) bis(2-Chloroethyl)ether	6.587	93	273036	44.285	ng	100
12) 1,3-Dichlorobenzene	6.787	146	285940	42.838	ng	100
13) 1,4-Dichlorobenzene	6.863	146	287165	42.630	ng	99
14) 1,2-Dichlorobenzene	7.016	146	276545	43.927	ng	100
15) Benzyl Alcohol	6.993	79	263520	48.048	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	458873	43.247	ng	69
17) 2-Methylphenol	7.110	107	227416	46.185	ng	# 91
18) Hexachloroethane	7.351	117	110275	43.489	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	213182	46.384	ng	96
20) 3+4-Methylphenols	7.263	107	292180	46.248	ng	# 84
22) Acetophenone	7.257	105	367479	41.692	ng	98
24) Nitrobenzene	7.434	77	319080	42.588	ng	97
25) Isophorone	7.669	82	577086	45.901	ng	98
26) 2-Nitrophenol	7.745	139	151796	47.092	ng	99
27) 2,4-Dimethylphenol	7.787	122	195391m	50.663	ng	
28) bis(2-Chloroethoxy)met...	7.881	93	344362	44.978	ng	99
29) 2,4-Dichlorophenol	7.992	162	230212	46.453	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	247520	43.279	ng	99
31) Naphthalene	8.151	128	825038	43.542	ng	100
32) Benzoic acid	7.934	122	127317	41.996	ng	99
33) 4-Chloroaniline	8.198	127	180624	28.398	ng	98
34) Hexachlorobutadiene	8.263	225	142370	41.099	ng	98
35) Caprolactam	8.587	113	65514m	44.304	ng	
36) 4-Chloro-3-methylphenol	8.692	107	264508	46.702	ng	98
37) 2-Methylnaphthalene	8.839	142	537314	44.900	ng	100
38) 1-Methylnaphthalene	8.939	142	496738	42.361	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	222133	39.679	ng	98
41) Hexachlorocyclopentadiene	8.992	237	189106	123.475	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	153621	45.006	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	161911	43.390	ng	99
46) 1,1'-Biphenyl	9.304	154	629228	39.866	ng	100
47) 2-Chloronaphthalene	9.334	162	499230	42.528	ng	99
48) 2-Nitroaniline	9.434	65	185749	46.676	ng	99
49) Acenaphthylene	9.745	152	783395	47.054	ng	99
50) Dimethylphthalate	9.610	163	595776	46.234	ng	99
51) 2,6-Dinitrotoluene	9.675	165	132998	45.733	ng	97
52) Acenaphthene	9.922	154	473934	42.347	ng	100
53) 3-Nitroaniline	9.845	138	91279	30.362	ng	100
54) 2,4-Dinitrophenol	9.957	184	133772	99.926	ng	90
55) Dibenzofuran	10.092	168	698823	44.234	ng	100
56) 4-Nitrophenol	10.022	139	170503	94.311	ng	99
57) 2,4-Dinitrotoluene	10.081	165	175354	47.261	ng	94
58) Fluorene	10.434	166	561842	44.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	136562	47.870	ng	99
60) Diethylphthalate	10.310	149	563875	46.150	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	269857	43.613	ng	98
62) 4-Nitroaniline	10.463	138	127533	44.639	ng	97
63) Azobenzene	10.586	77	620619	45.798	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	102408	48.971	ng	99
66) n-Nitrosodiphenylamine	10.545	169	482084	44.995	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	161628	43.552	ng	97
68) Hexachlorobenzene	10.981	284	165897	43.295	ng	98
69) Atrazine	11.075	200	141846	51.314	ng	99
70) Pentachlorophenol	11.181	266	152085	88.056	ng	97
71) Phenanthrene	11.398	178	797212	45.168	ng	100
72) Anthracene	11.451	178	797028	45.839	ng	100
73) Carbazole	11.604	167	690057	46.000	ng	99
74) Di-n-butylphthalate	11.928	149	839870	49.803	ng	100
75) Fluoranthene	12.586	202	753797	45.748	ng	100
77) Benzidine	12.704	184	89198	22.317	ng	98
78) Pyrene	12.816	202	738578	46.943	ng	99
80) Butylbenzylphthalate	13.427	149	242062	48.044	ng	97
81) Benzo(a)anthracene	13.998	228	547045	47.539	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	99226	33.696	ng	99
83) Chrysene	14.039	228	462385	44.538	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	291193	39.469	ng	100
85) Di-n-octyl phthalate	14.592	149	526858	38.597	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	518849	45.069	ng	98
88) Benzo(b)fluoranthene	15.051	252	470078	47.204	ng	99
89) Benzo(k)fluoranthene	15.080	252	419684	48.675	ng	99
90) Benzo(a)pyrene	15.416	252	416781	49.757	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	414563	43.868	ng	98
92) Benzo(g,h,i)perylene	17.398	276	404734	41.272	ng	98

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

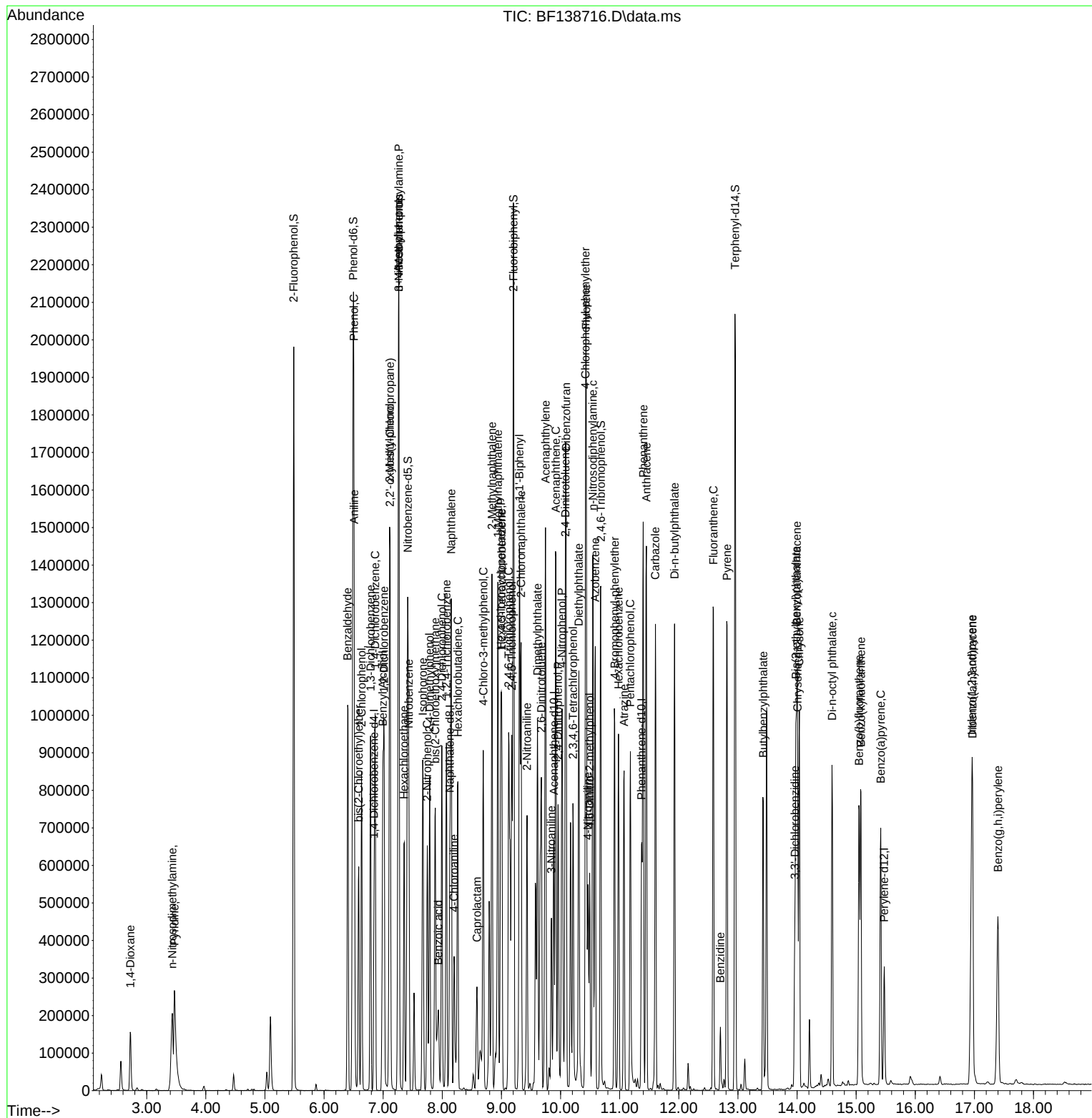
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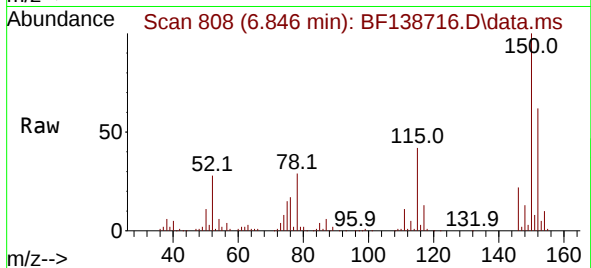
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

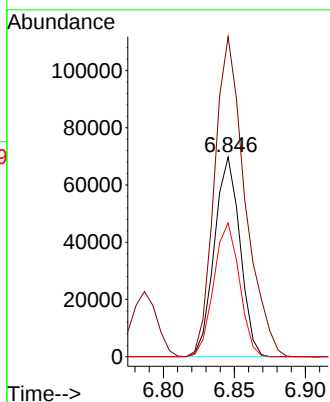
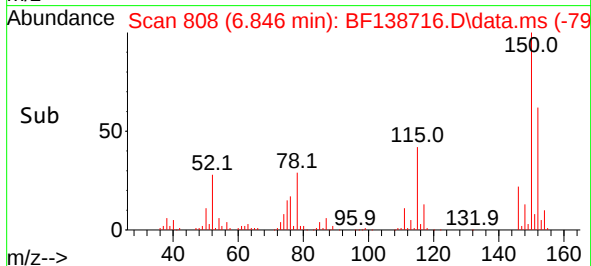
Instrument :
BNA_F
ClientSampleId :
PB162312BS



Tgt Ion:152 Resp: 87490
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 67.0 51.7 77.5

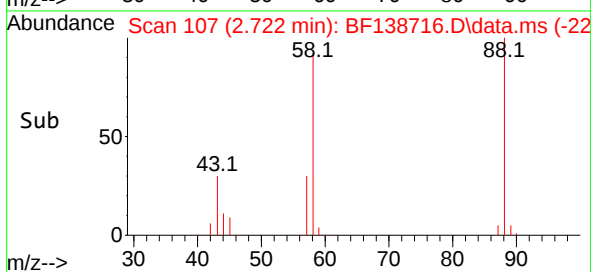
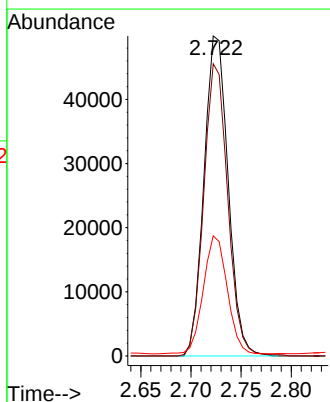
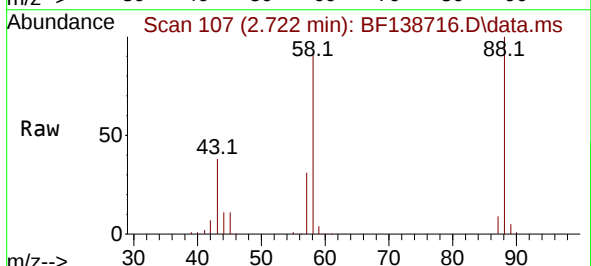
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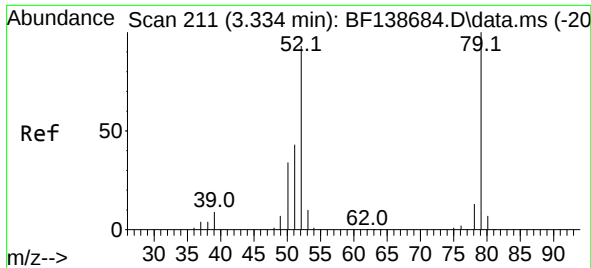
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Supervised By :mohammad ahmed 08/03/2024



#2
1,4-Dioxane
Concen: 33.728 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.147 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion: 88 Resp: 83691
Ion Ratio Lower Upper
88 100
58 90.5 71.6 107.4
43 36.4 28.7 43.1





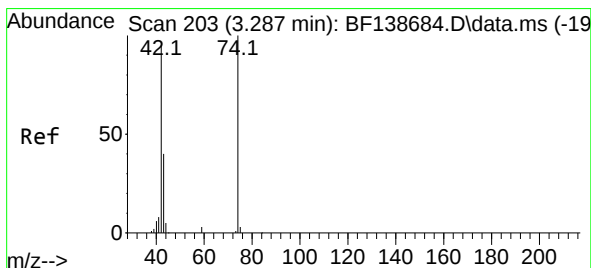
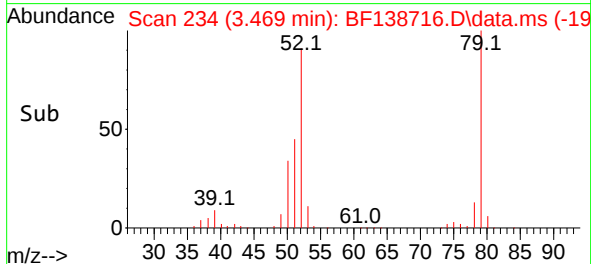
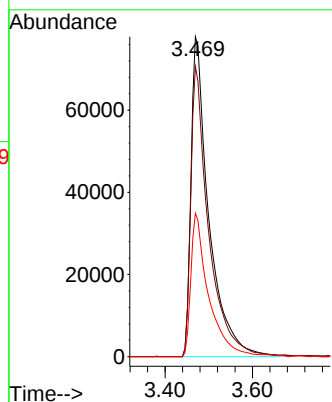
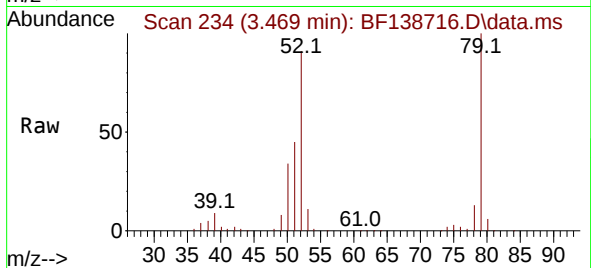
#3
Pyridine
Concen: 36.844 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

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BNA_F
ClientSampleId :
PB162312BS

Tgt Ion: 79 Resp: 221468
Ion Ratio Lower Upper
79 100
52 90.7 74.7 112.1
51 44.9 34.6 51.8

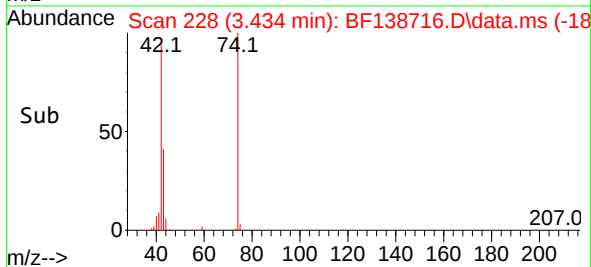
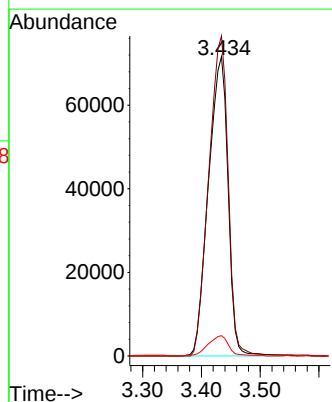
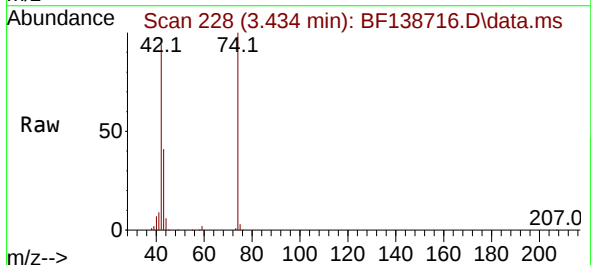
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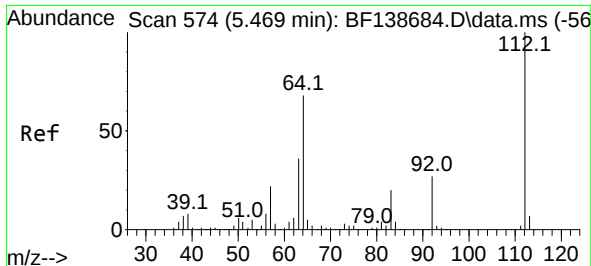
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#4
n-Nitrosodimethylamine
Concen: 46.347 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.147 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion: 42 Resp: 165923
Ion Ratio Lower Upper
42 100
74 106.9 84.2 126.4
44 6.8 4.9 7.3





#5
2-Fluorophenol
Concen: 123.731 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

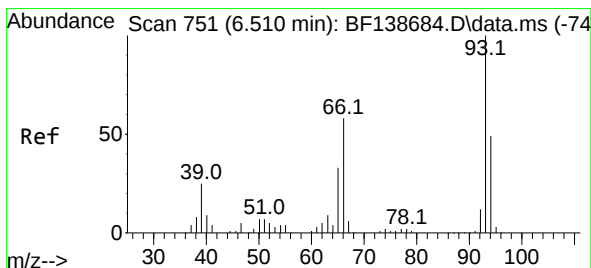
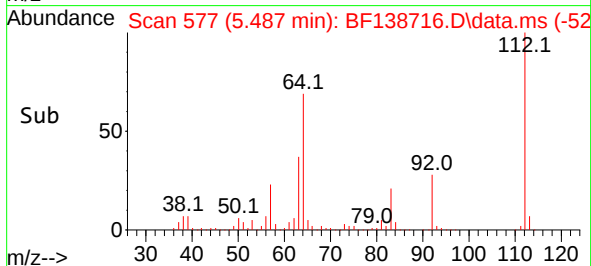
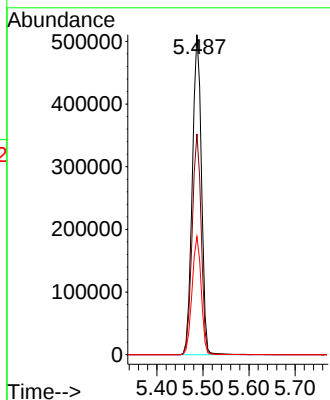
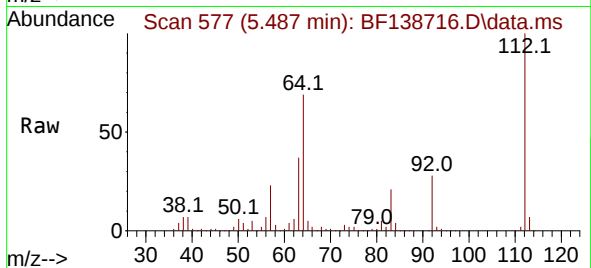
PB162312BS

Tgt Ion:112 Resp: 701274
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 36.9 28.7 43.1

Manual Integrations

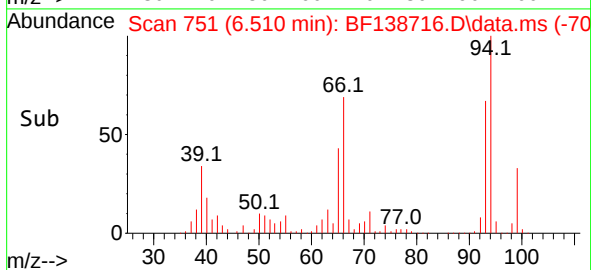
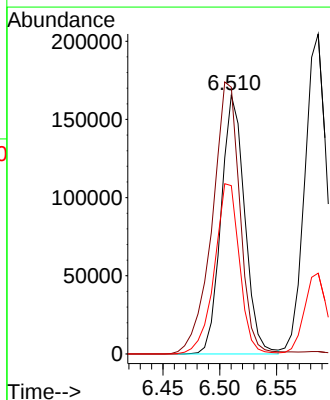
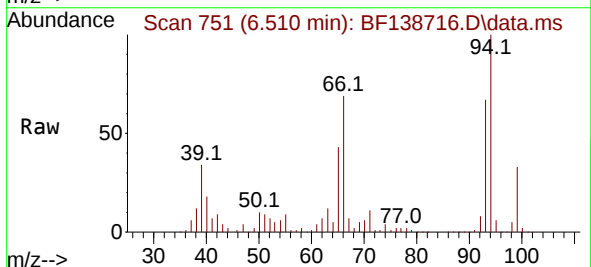
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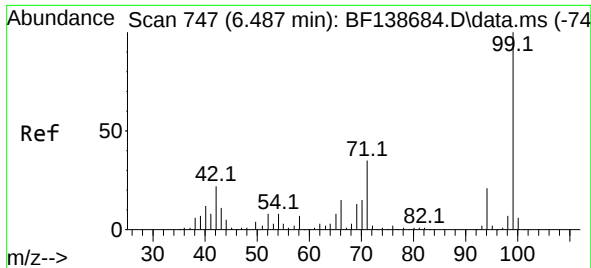
Reviewed By :Jagrut Upadhyay 08/02/2024
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#6
Aniline
Concen: 35.191 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138716.D
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Tgt Ion: 93 Resp: 238813
Ion Ratio Lower Upper
93 100
66 103.1 46.9 70.3#
65 65.0 26.5 39.7#





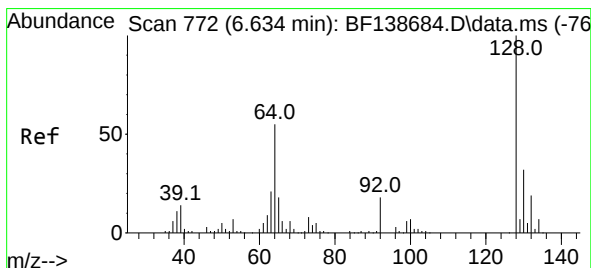
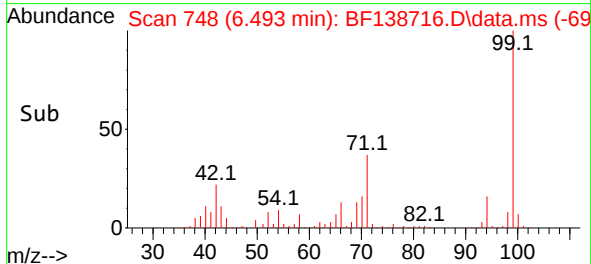
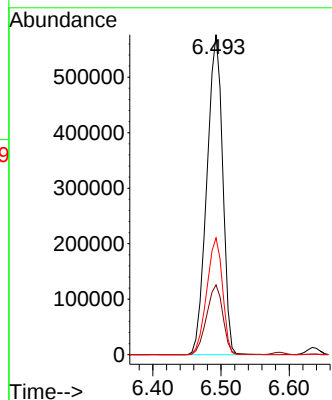
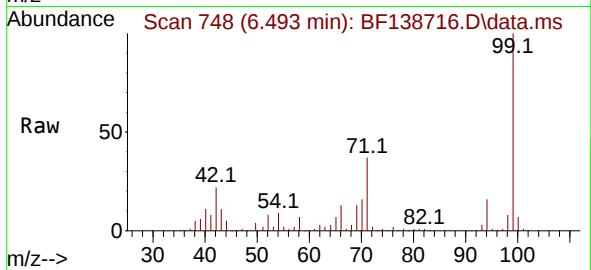
#7
Phenol-d6
Concen: 121.979 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

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Tgt Ion: 99 Resp: 928204
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 36.5 28.1 42.1

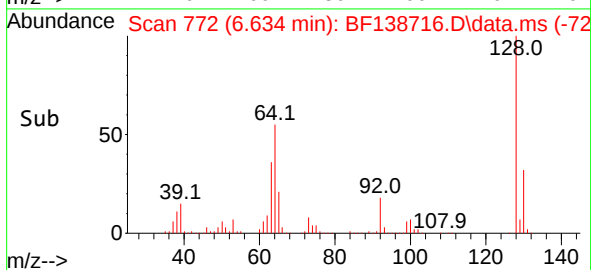
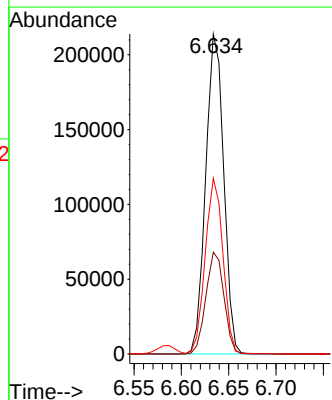
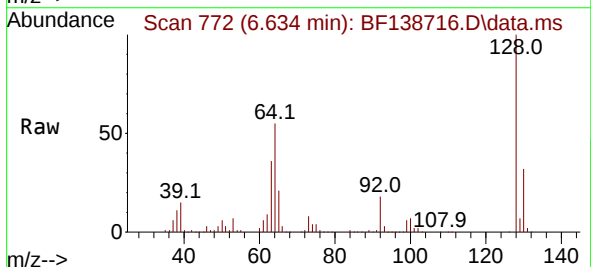
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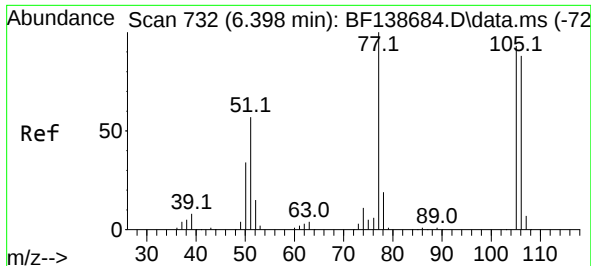
Reviewed By :Jagrut Upadhyay 08/02/2024
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#8
2-Chlorophenol
Concen: 47.345 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

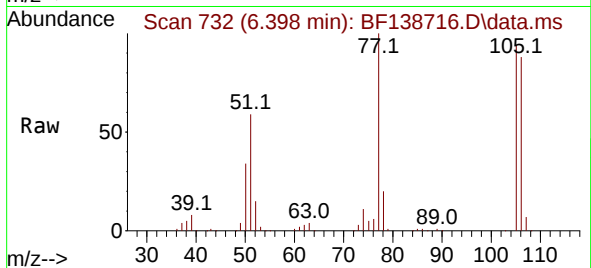
Tgt Ion:128 Resp: 282321
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 54.9 36.3 76.3





#9
Benzaldehyde
Concen: 61.932 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138716.D
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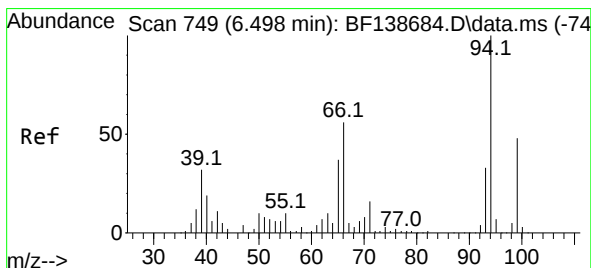
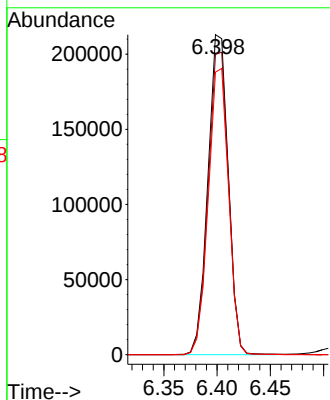
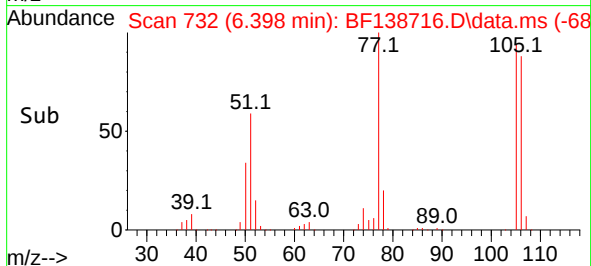
Instrument :
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Tgt Ion: 77 Resp: 28250
Ion Ratio Lower Upper
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105 93.9 72.9 112.9
106 88.3 68.4 108.4

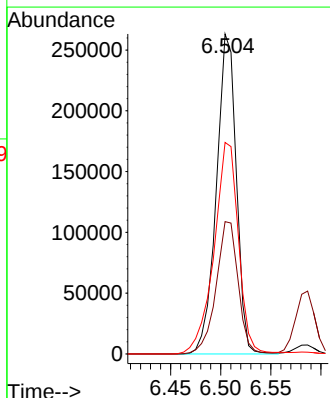
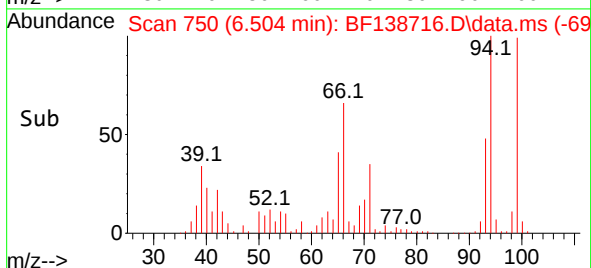
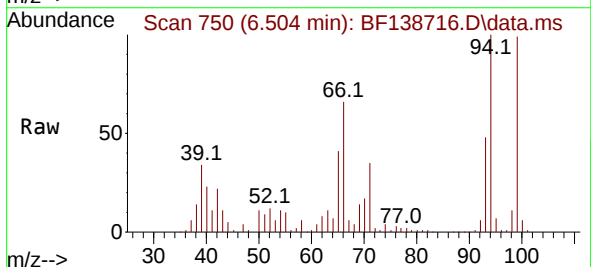
Manual Integrations
APPROVED

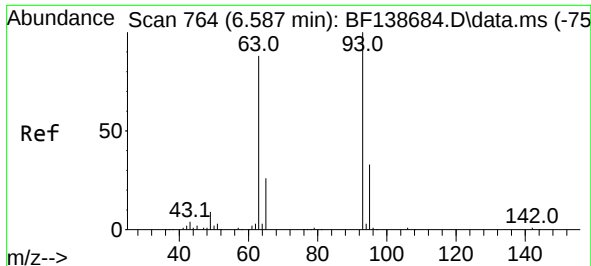
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Phenol
Concen: 45.421 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion: 94 Resp: 363907
Ion Ratio Lower Upper
94 100
65 41.3 16.9 56.9
66 66.1 36.5 76.5





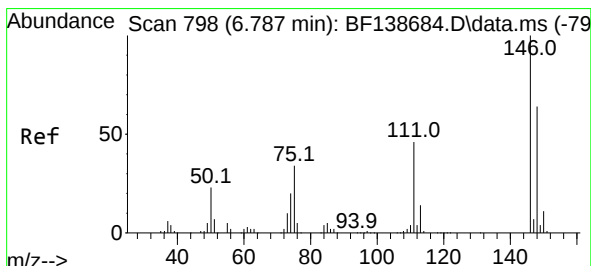
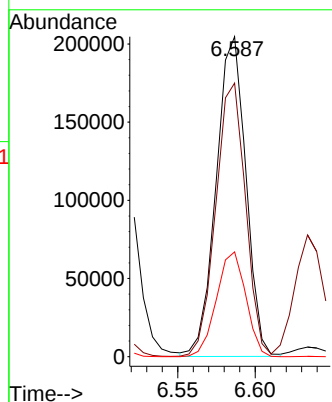
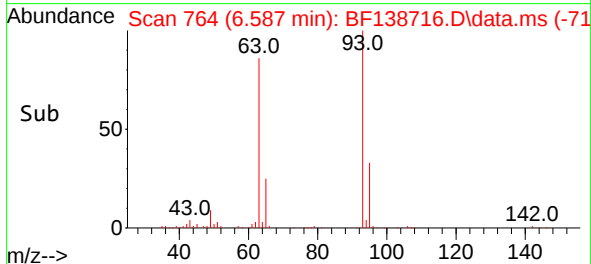
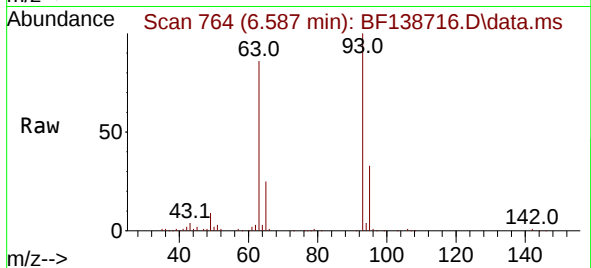
#11
bis(2-Chloroethyl)ether
Concen: 44.285 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Tgt Ion: 93 Resp: 273030
Ion Ratio Lower Upper
93 100
63 85.5 65.3 105.3
95 32.8 12.4 52.4

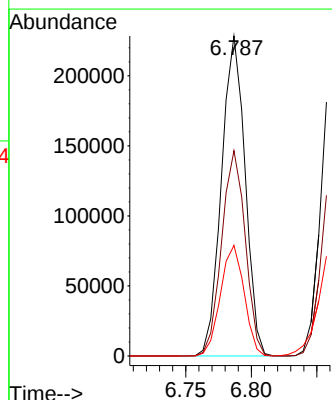
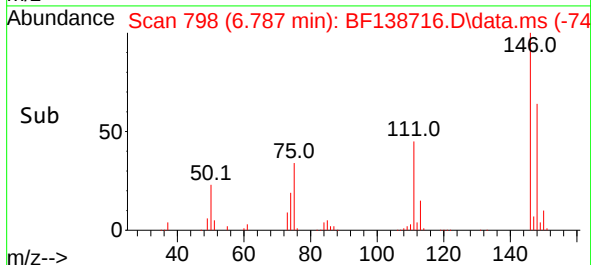
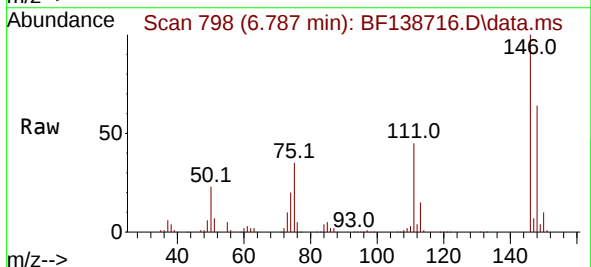
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
1,3-Dichlorobenzene
Concen: 42.838 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:146 Resp: 285940
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 34.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.630 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF138716.D

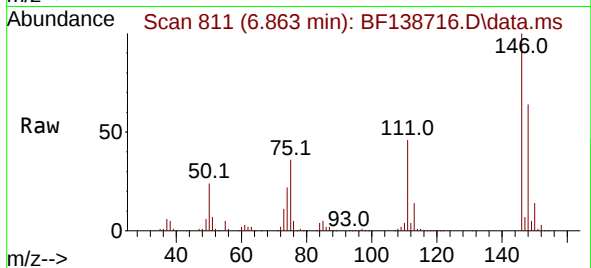
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS



Tgt Ion:146 Resp: 28716

Ion Ratio Lower Upper

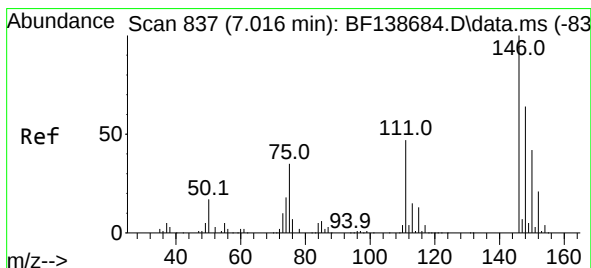
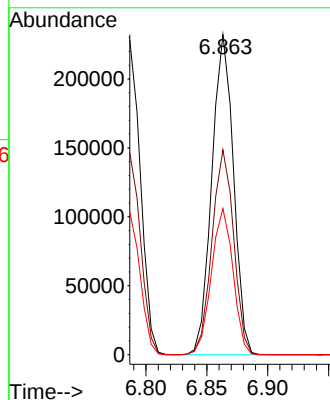
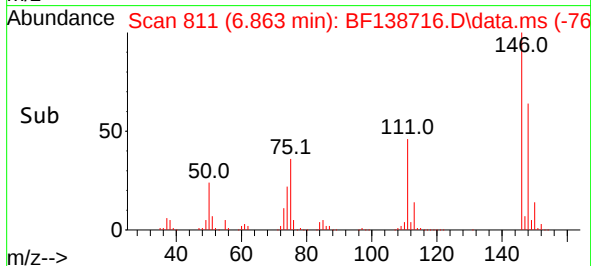
146 100

148 64.0 50.2 75.2

111 45.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

#14

1,2-Dichlorobenzene

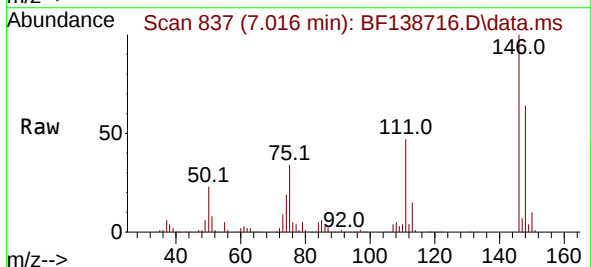
Concen: 43.927 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45



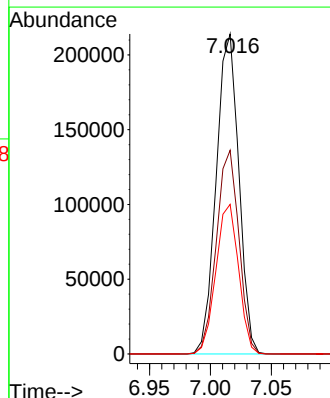
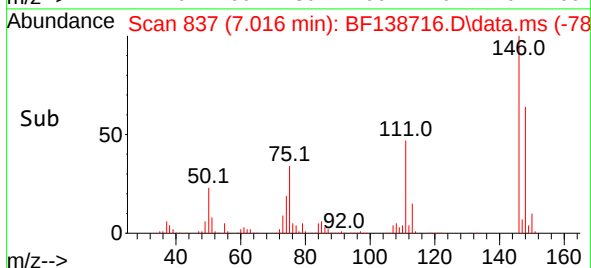
Tgt Ion:146 Resp: 276545

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

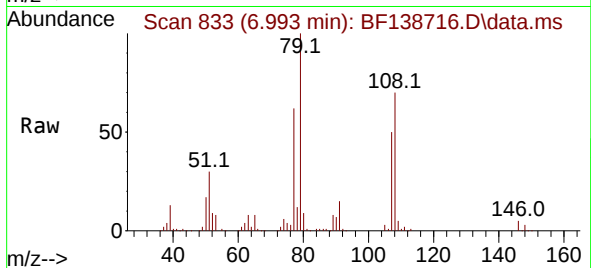
111 46.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.048 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

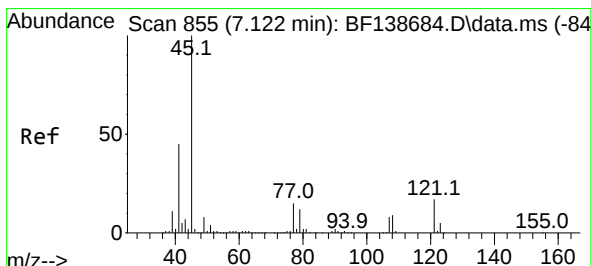
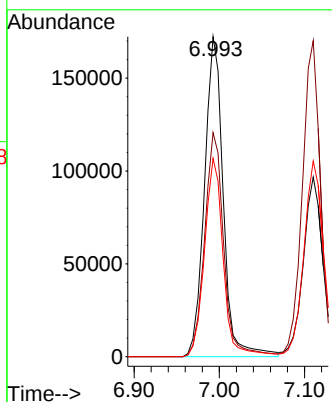
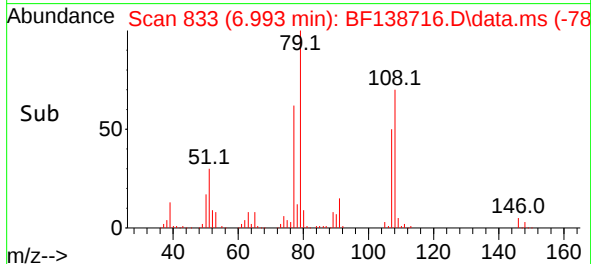
Instrument :
BNA_F
ClientSampleId :
PB162312BS



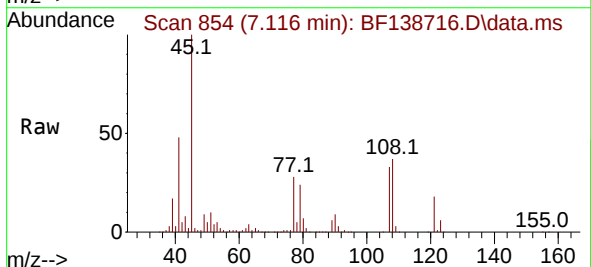
Tgt Ion: 79 Resp: 263520
Ion Ratio Lower Upper
79 100
108 70.0 56.6 85.0
77 61.9 50.3 75.5

Manual Integrations
APPROVED

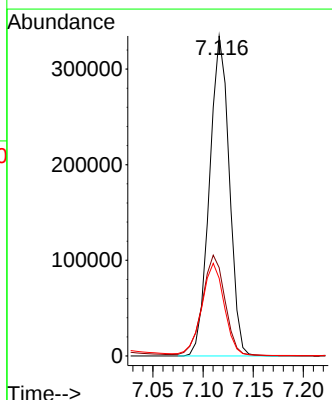
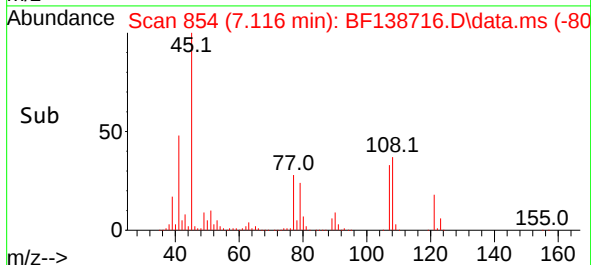
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

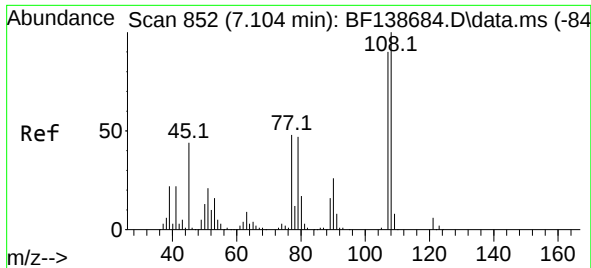


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.247 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion: 45 Resp: 458873
Ion Ratio Lower Upper
45 100
77 27.6 0.0 34.9
79 24.3 0.0 32.2





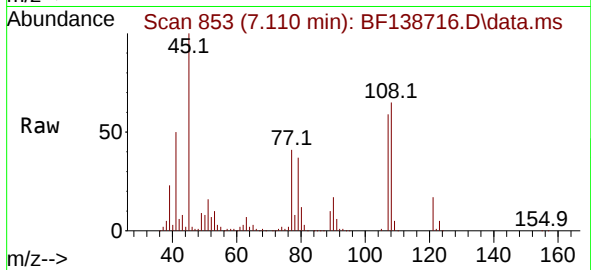
#17
2-Methylphenol
Concen: 46.185 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

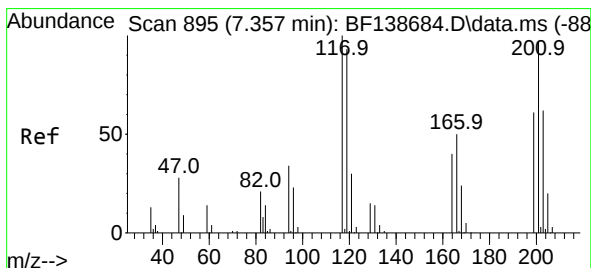
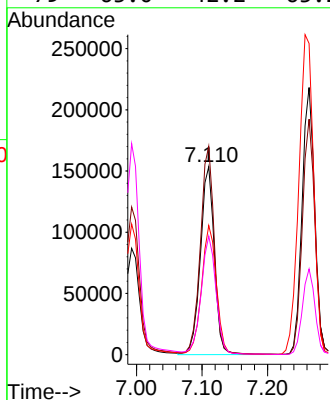
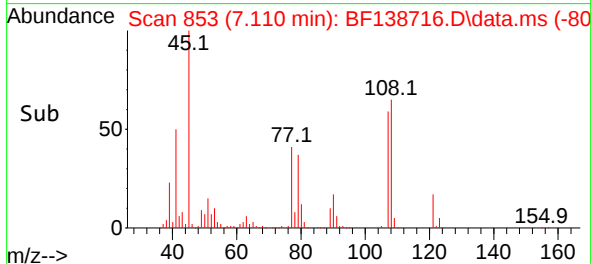


Tgt Ion:107 Resp: 227410
Ion Ratio Lower Upper
107 100
108 110.8 89.2 133.8
77 68.6 43.0 64.4
79 63.0 42.2 63.2

Manual Integrations

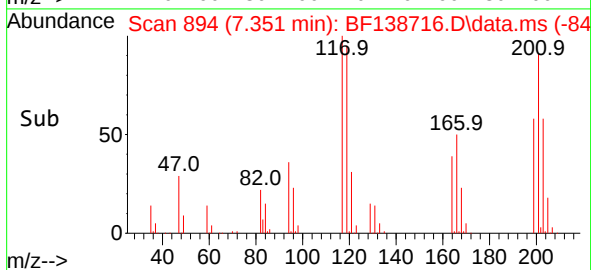
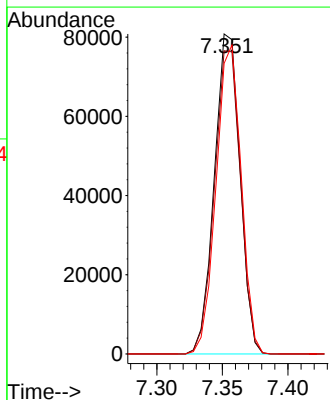
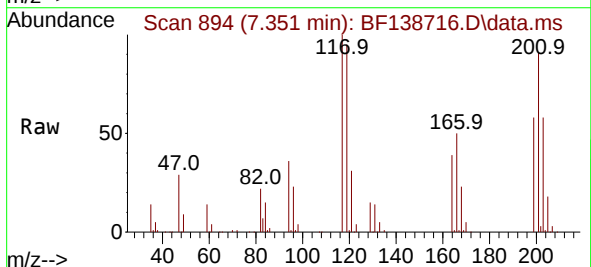
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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#18
Hexachloroethane
Concen: 43.489 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:117 Resp: 110275
Ion Ratio Lower Upper
117 100
119 94.7 74.6 111.8
201 90.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.384 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

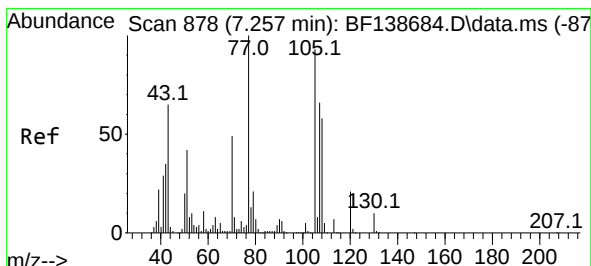
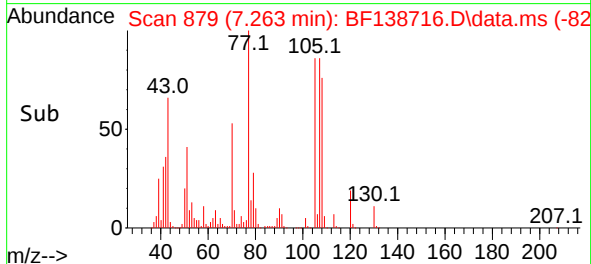
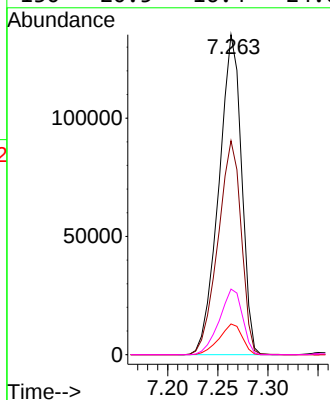
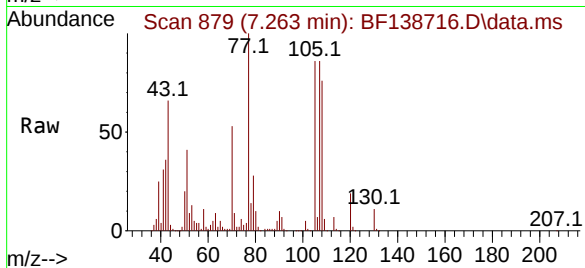
PB162312BS

Tgt Ion: 70 Resp: 21318
Ion Ratio Lower Upper
70 100
42 66.9 57.4 86.0
101 9.6 7.5 11.3
130 20.5 16.4 24.6

Manual Integrations

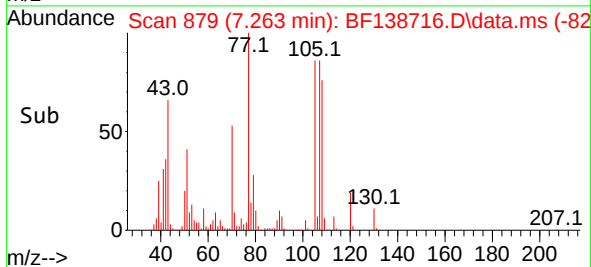
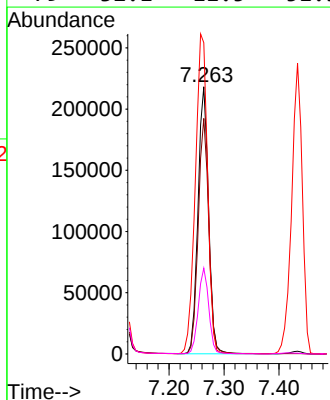
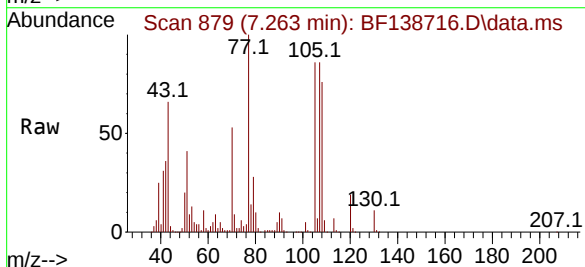
APPROVED

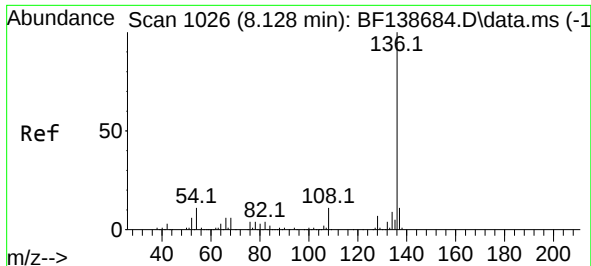
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#20
3+4-Methylphenols
Concen: 46.248 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:107 Resp: 292180
Ion Ratio Lower Upper
107 100
108 88.1 68.2 108.2
77 116.5 132.1 172.1#
79 32.1 11.5 51.5





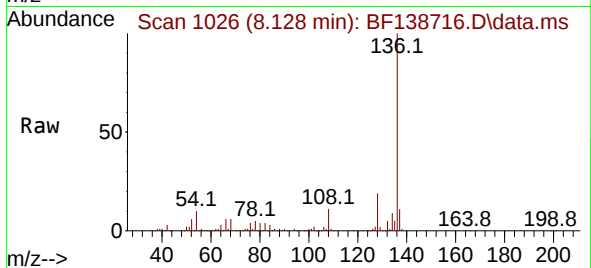
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

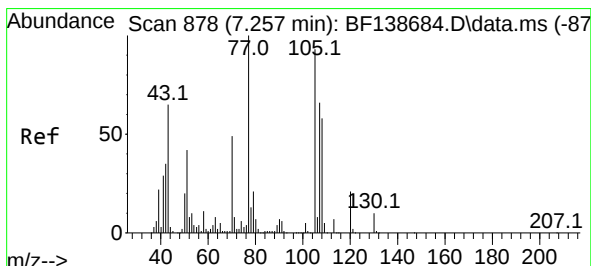
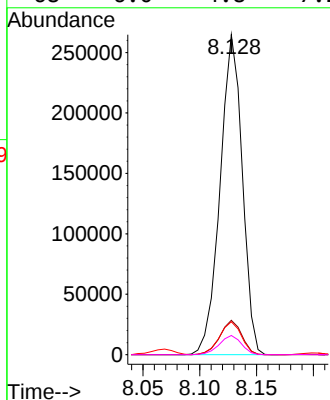
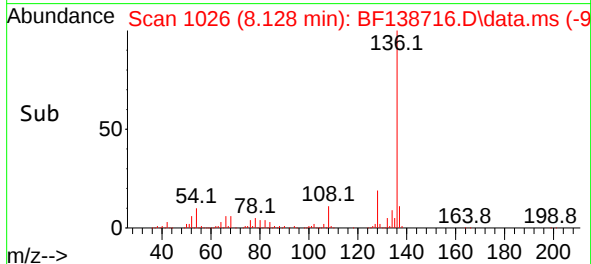


Tgt Ion:136 Resp: 35998
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.3 8.6 12.8
68 6.0 4.8 7.2

Manual Integrations

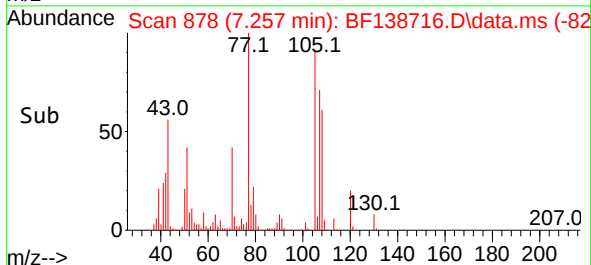
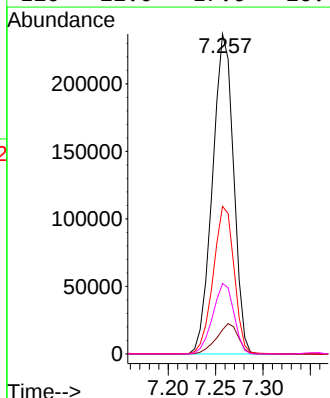
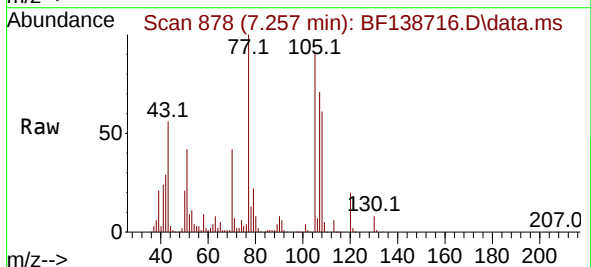
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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Acetophenone
Concen: 41.692 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:105 Resp: 367479
Ion Ratio Lower Upper
105 100
71 7.6 7.2 10.8
51 46.2 35.9 53.9
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 83.100 ng

RT: 7.416 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

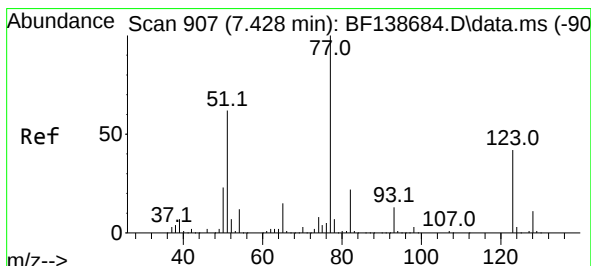
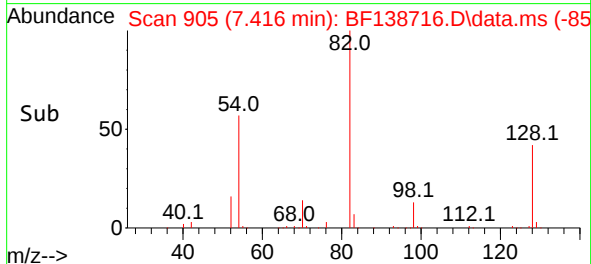
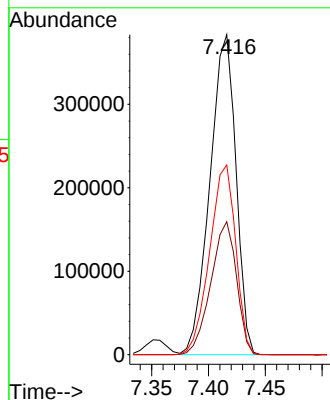
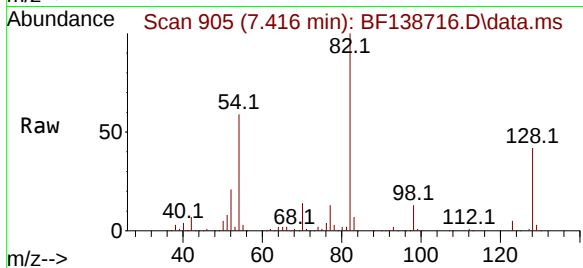
PB162312BS

Tgt Ion: 82 Resp: 61185
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.8 49.2
 54 59.3 48.3 72.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#24

Nitrobenzene

Concen: 42.588 ng

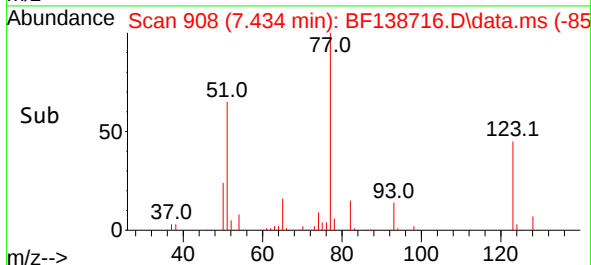
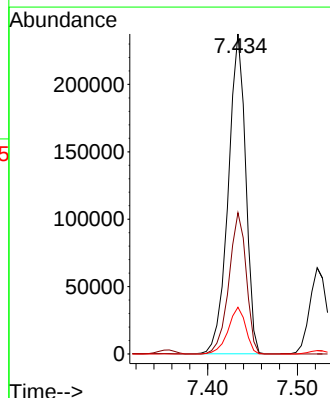
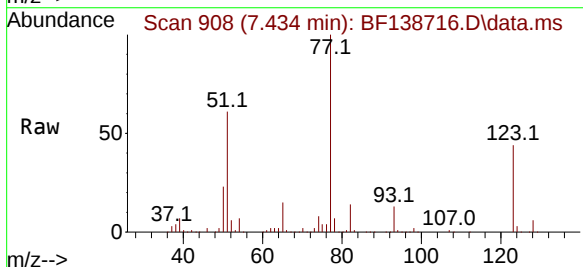
RT: 7.434 min Scan# 908

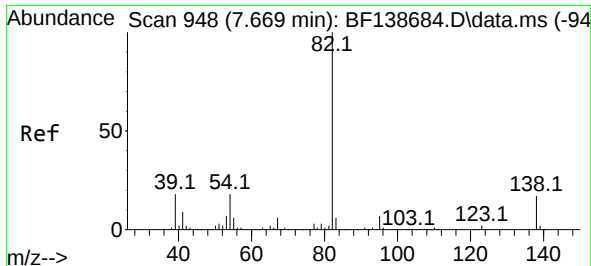
Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

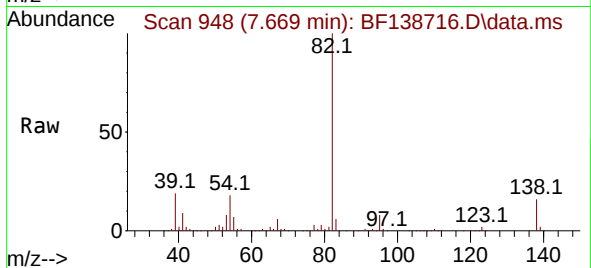
Tgt Ion: 77 Resp: 319080
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.3 49.9
 65 14.6 11.9 17.9





#25
Isophorone
Concen: 45.901 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

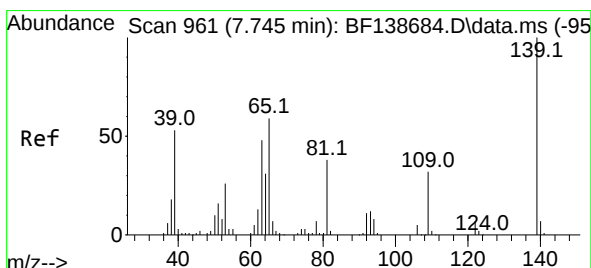
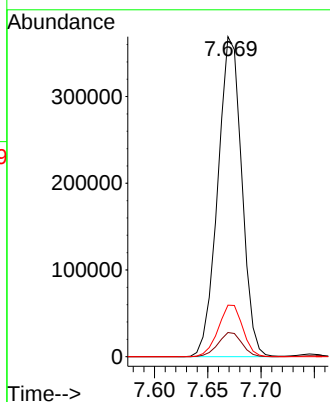
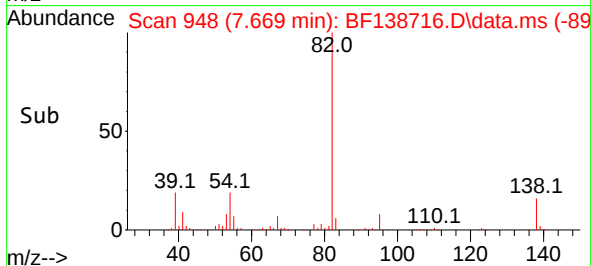
Instrument :
BNA_F
ClientSampleId :
PB162312BS



Tgt Ion: 82 Resp: 577080
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 16.1 13.7 20.5

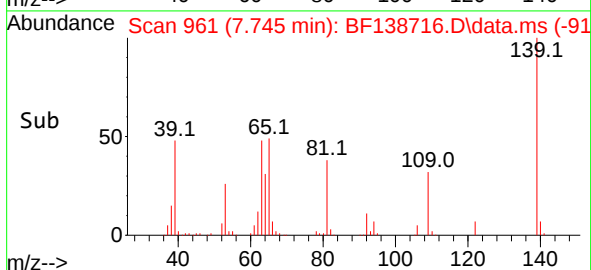
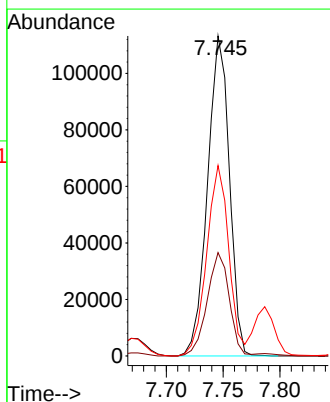
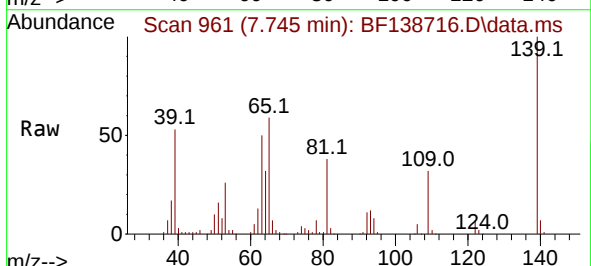
Manual Integrations
APPROVED

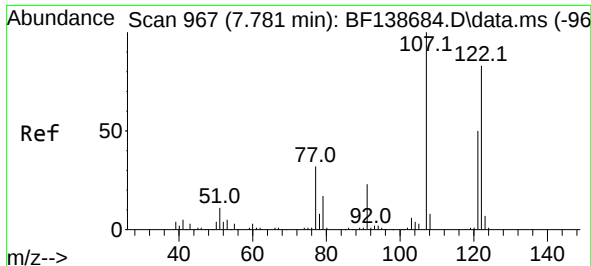
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#26
2-Nitrophenol
Concen: 47.092 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:139 Resp: 151796
Ion Ratio Lower Upper
139 100
109 32.3 25.9 38.9
65 59.5 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 50.663 ng m
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

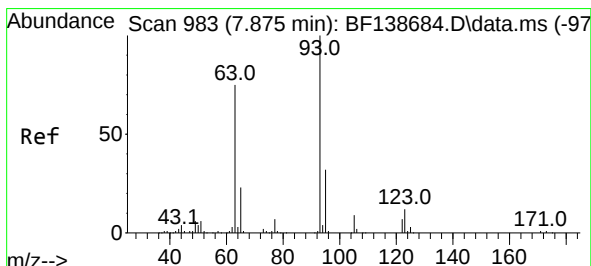
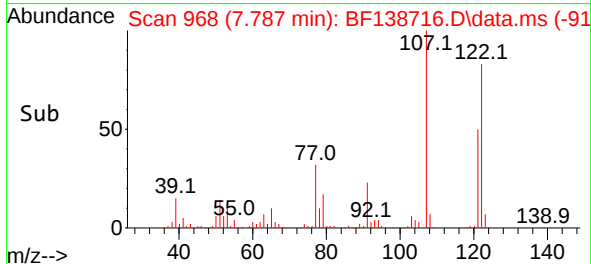
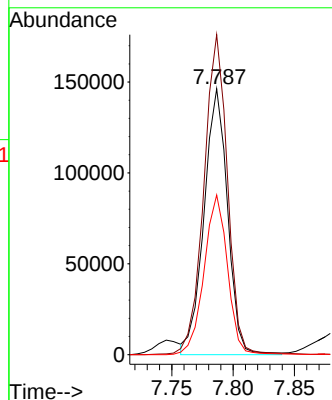
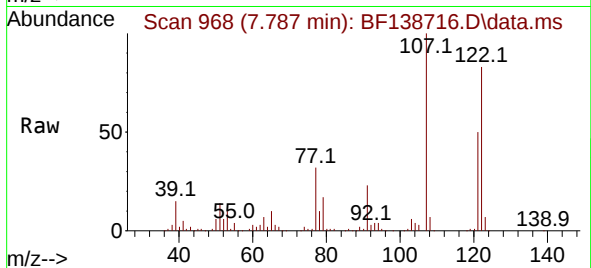
PB162312BS

Tgt Ion:122 Resp: 19539
Ion Ratio Lower Upper
122 100
107 120.3 95.0 142.6
121 60.1 47.3 70.9

Manual Integrations

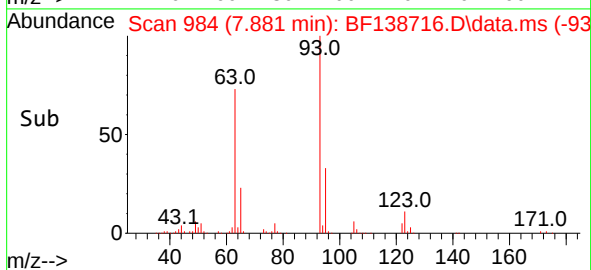
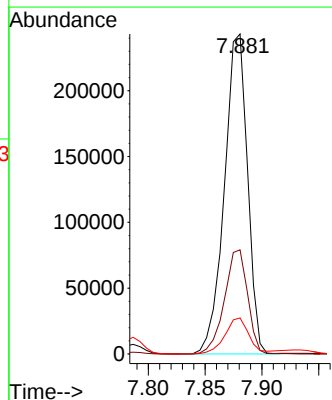
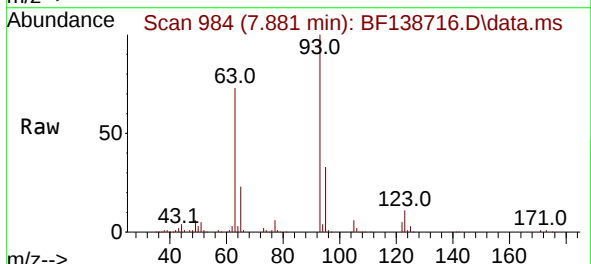
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.978 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion: 93 Resp: 344362
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.453 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

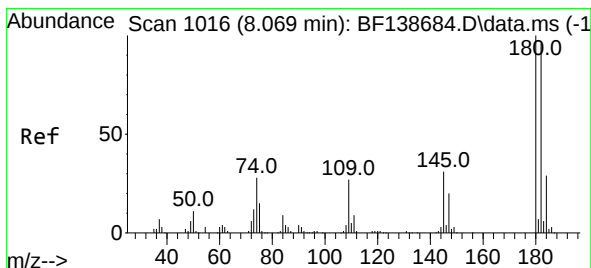
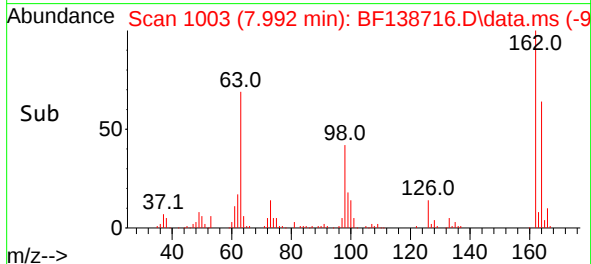
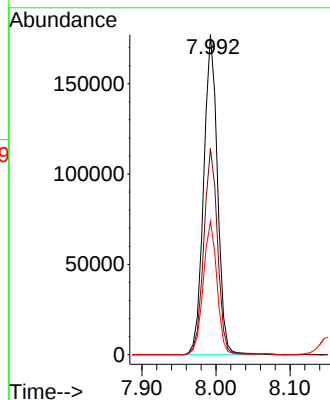
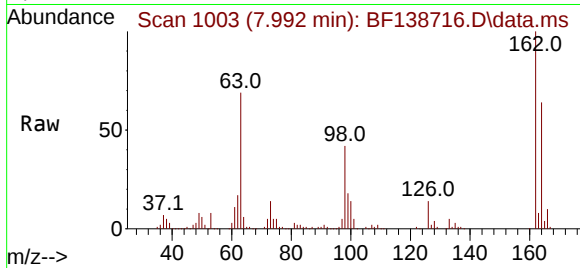
PB162312BS

Tgt Ion:162 Resp: 230212
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.7 84.7
 98 41.7 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.279 ng

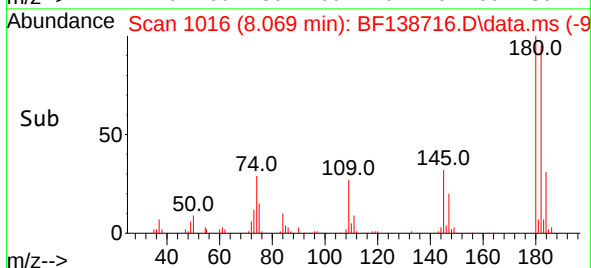
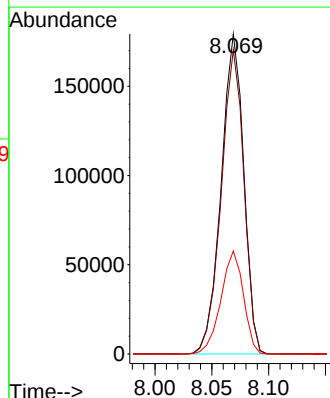
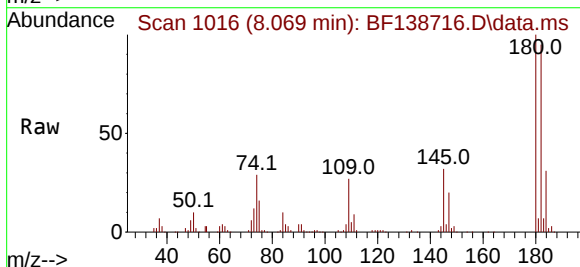
RT: 8.069 min Scan# 1016

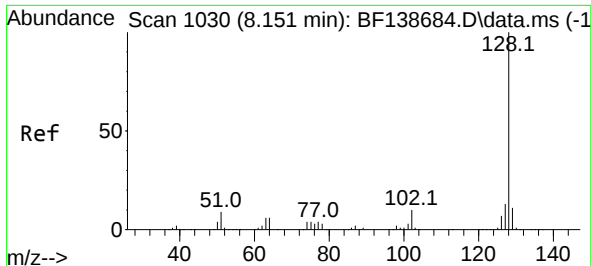
Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Tgt Ion:180 Resp: 247520
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.9 115.3
 145 32.2 25.0 37.4





#31
Naphthalene
Concen: 43.542 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

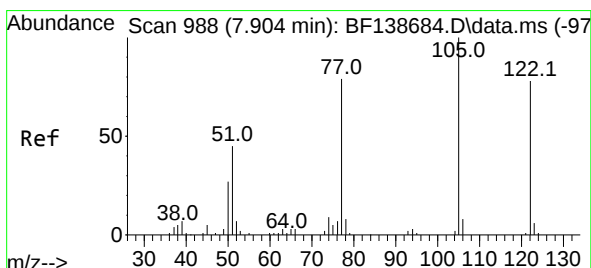
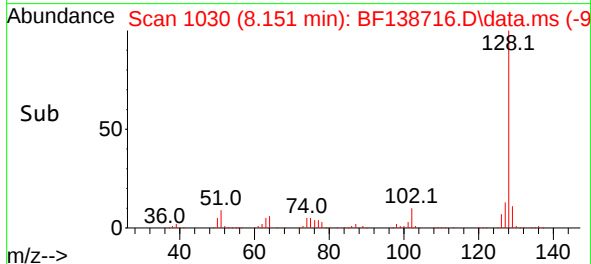
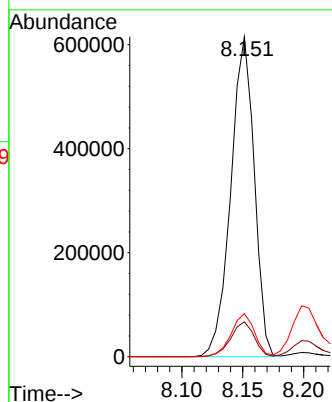
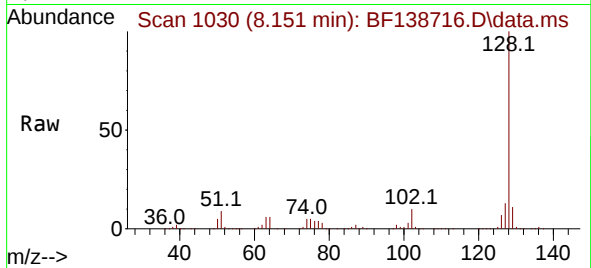
ClientSampleId :

PB162312BS

Tgt Ion:128 Resp: 825038
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0

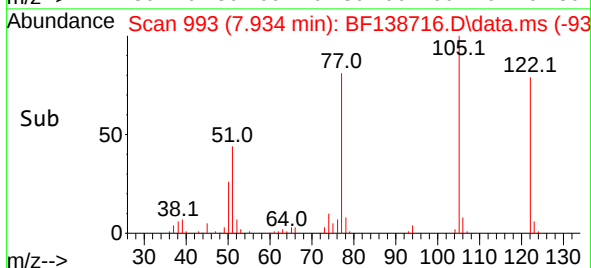
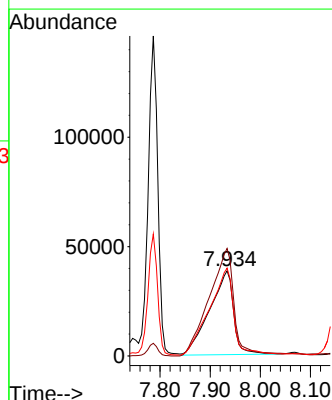
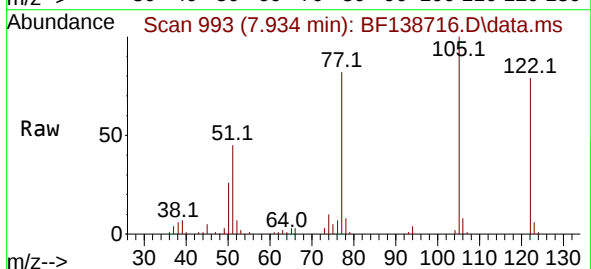
Manual Integrations
APPROVED

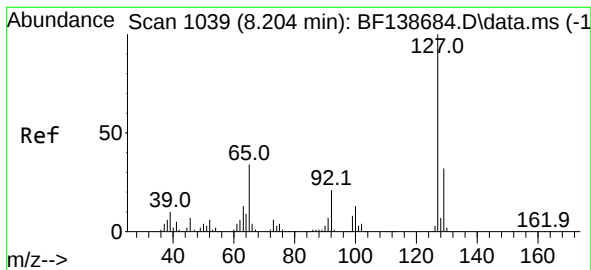
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#32
Benzoic acid
Concen: 41.996 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:122 Resp: 127317
Ion Ratio Lower Upper
122 100
105 126.4 106.7 146.7
77 103.2 81.1 121.1





#33
4-Chloroaniline
Concen: 28.398 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

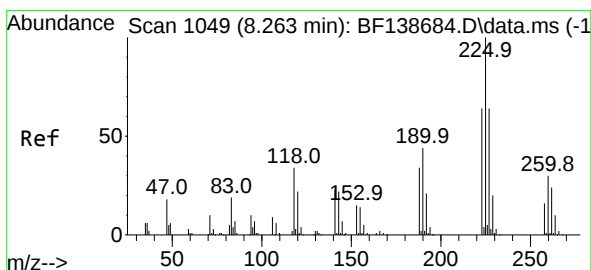
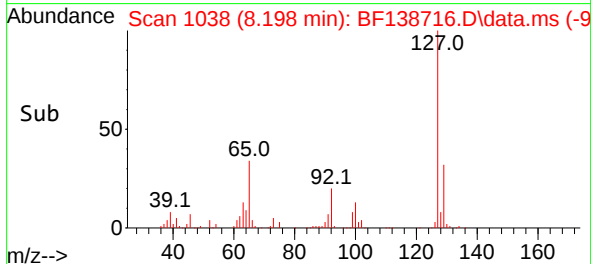
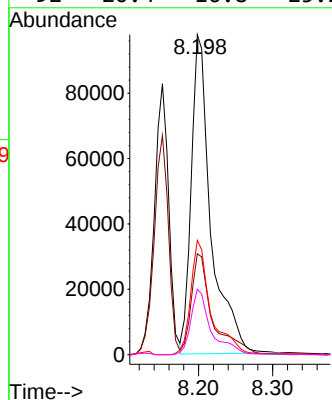
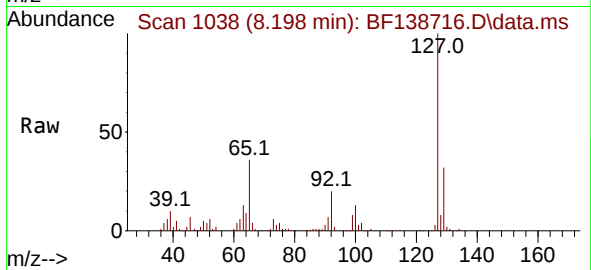
PB162312BS

Tgt Ion:127 Resp: 180624
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 35.7 27.6 41.4
92 20.4 16.8 25.2

Manual Integrations

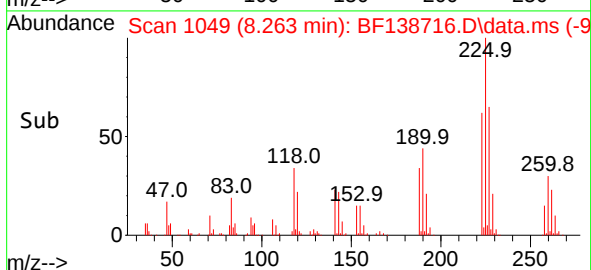
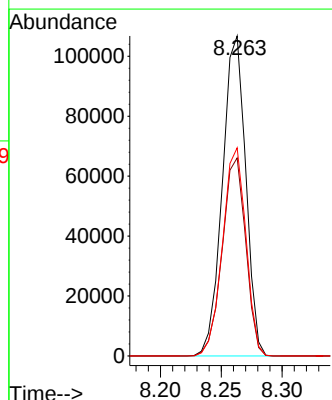
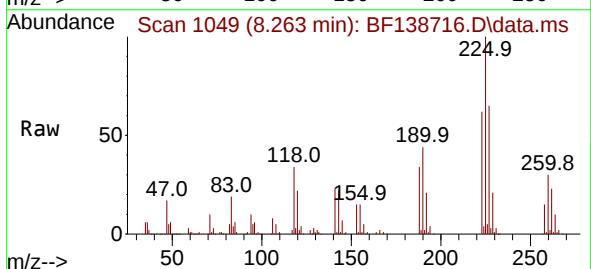
APPROVED

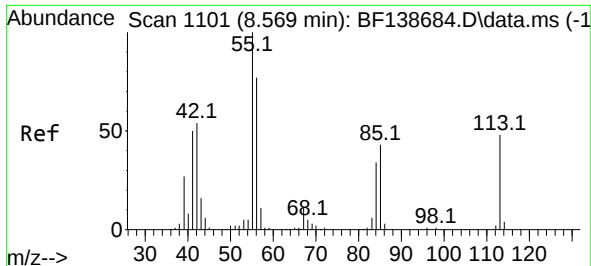
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#34
Hexachlorobutadiene
Concen: 41.099 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:225 Resp: 142370
Ion Ratio Lower Upper
225 100
223 61.9 51.2 76.8
227 65.1 51.1 76.7





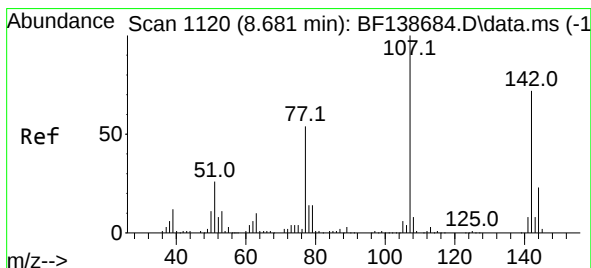
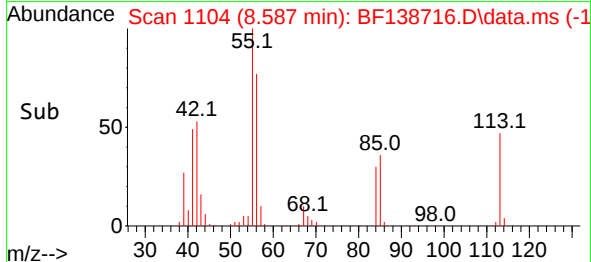
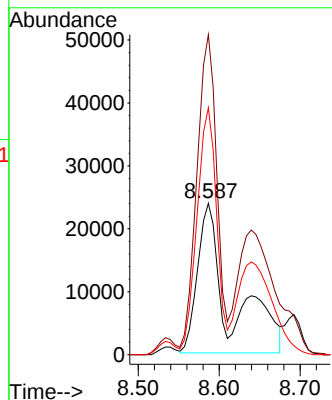
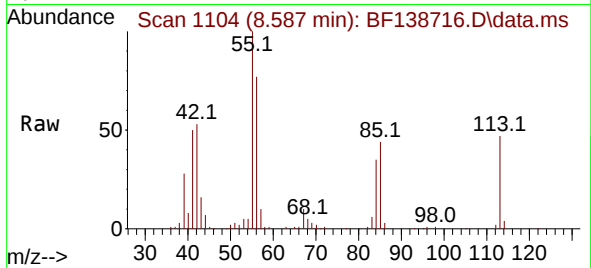
#35
Caprolactam
Concen: 44.304 ng m
RT: 8.587 min Scan# 1101
Delta R.T. 0.018 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Tgt Ion:113 Resp: 65514
Ion Ratio Lower Upper
113 100
55 211.3 186.7 226.7
56 163.0 138.9 178.9

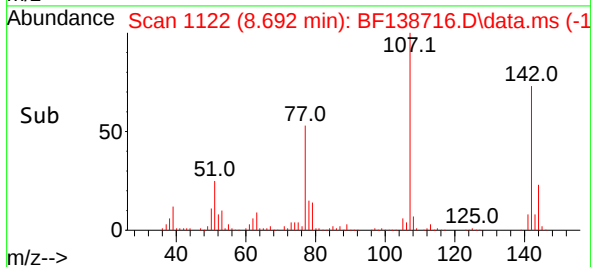
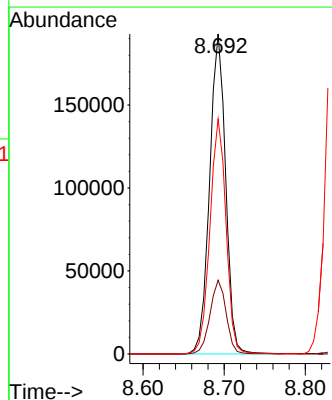
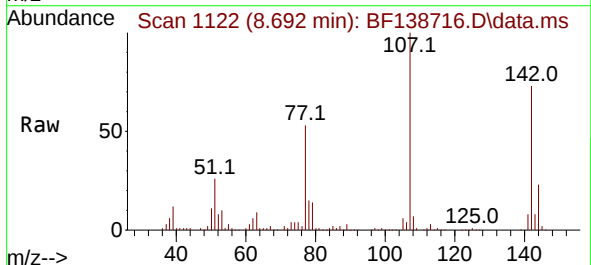
Manual Integrations
APPROVED

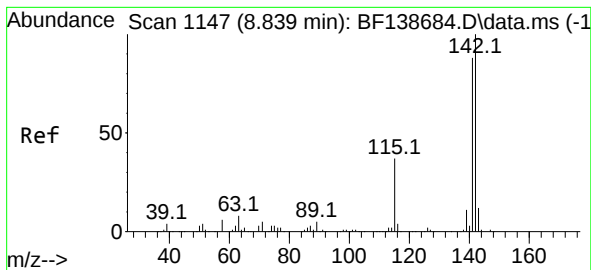
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#36
4-Chloro-3-methylphenol
Concen: 46.702 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:107 Resp: 264508
Ion Ratio Lower Upper
107 100
144 23.1 18.2 27.2
142 73.4 57.4 86.2





#37
2-Methylnaphthalene
Concen: 44.900 ng
RT: 8.839 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

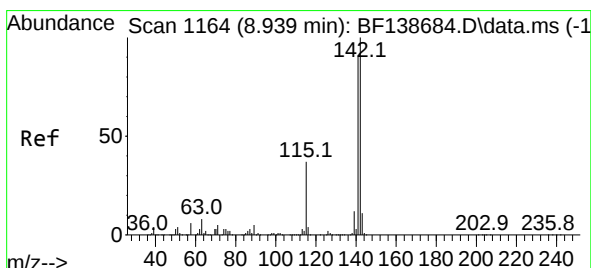
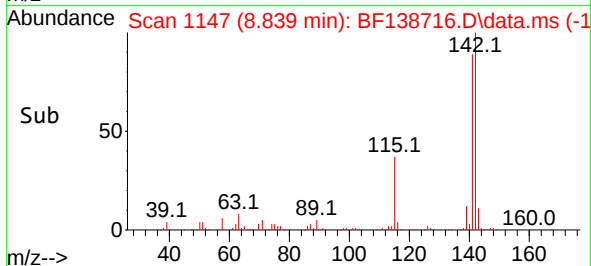
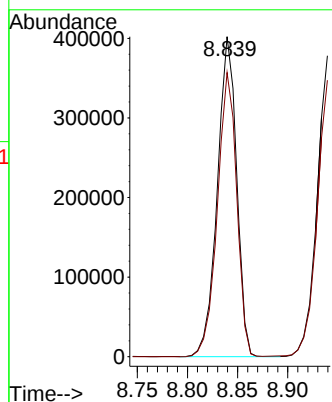
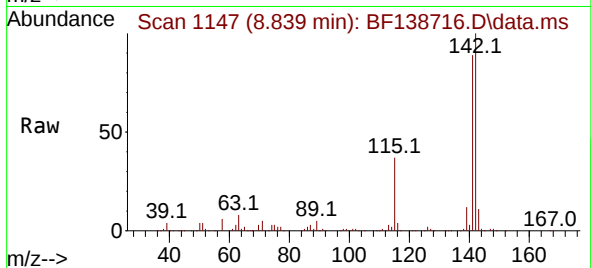
PB162312BS

Tgt Ion:142 Resp: 537314
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

Manual Integrations

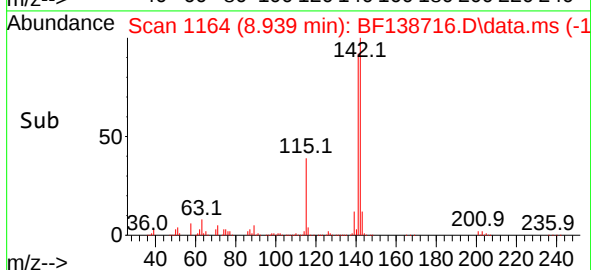
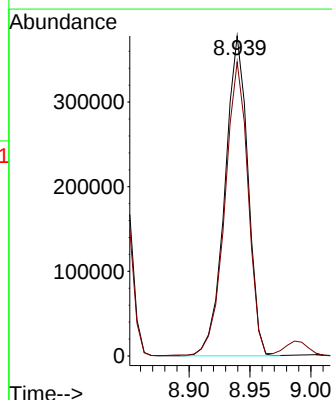
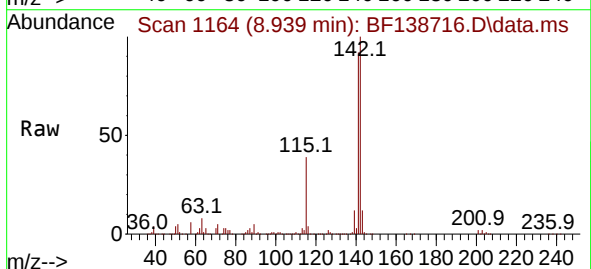
APPROVED

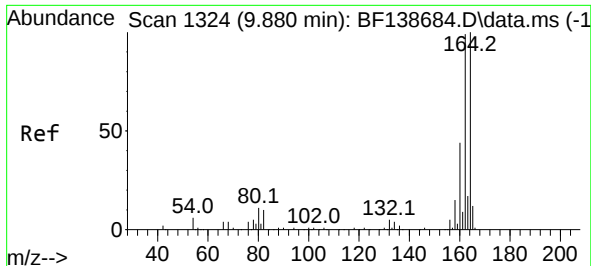
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#38
1-Methylnaphthalene
Concen: 42.361 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:142 Resp: 496738
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7





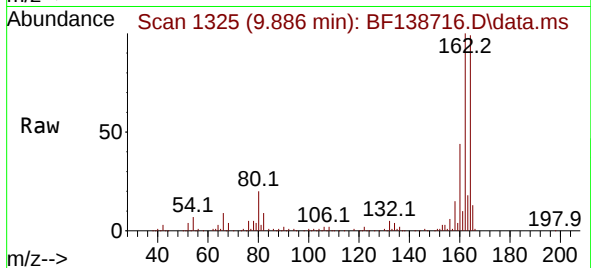
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11324
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

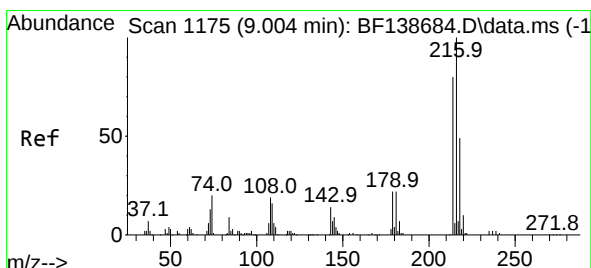
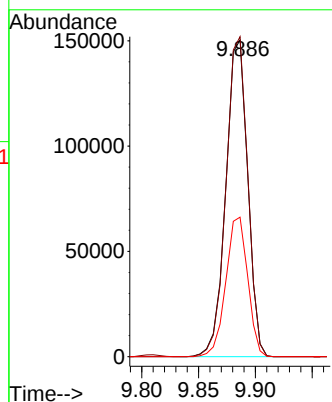
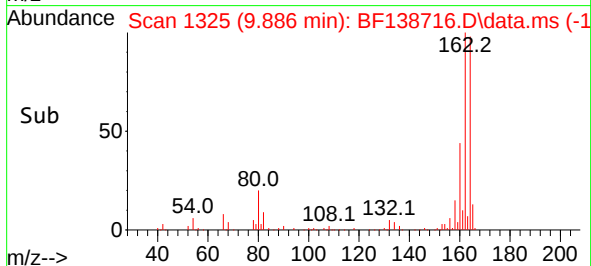


Tgt Ion:164 Resp: 201530
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 44.1 35.1 52.7

Manual Integrations

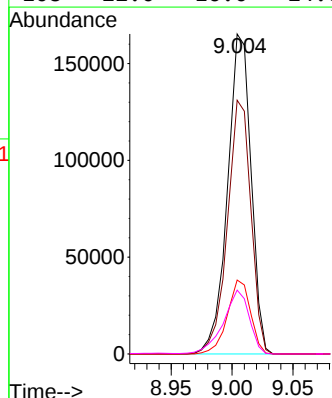
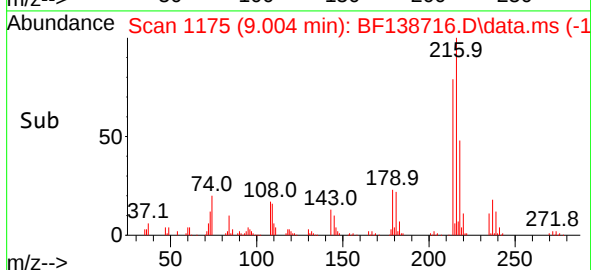
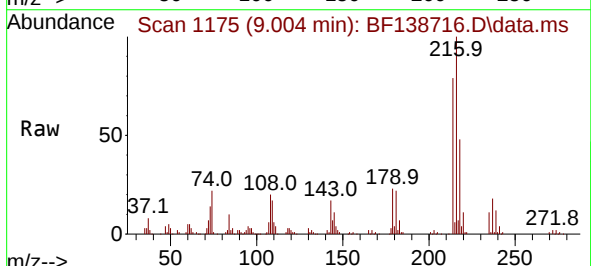
APPROVED

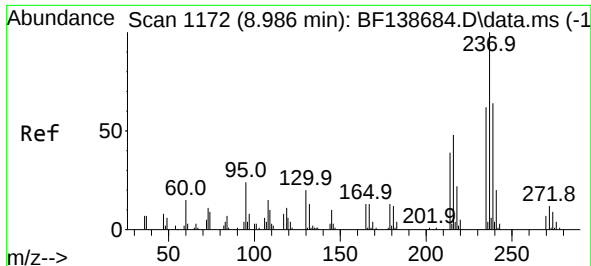
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.679 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

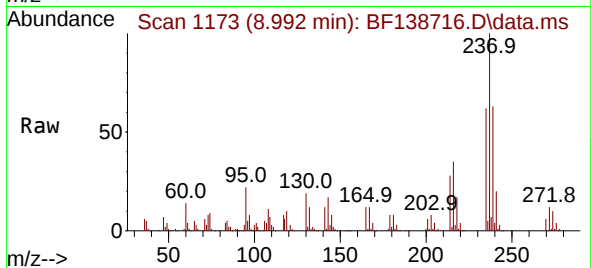
Tgt Ion:216 Resp: 222133
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 22.7 17.8 26.6
108 22.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 123.475 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

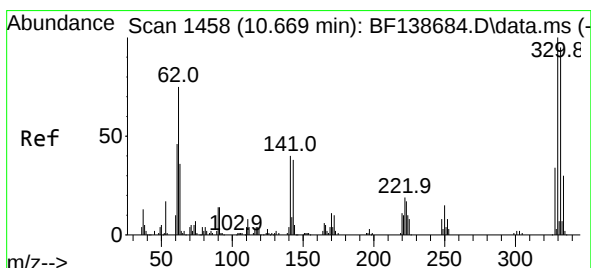
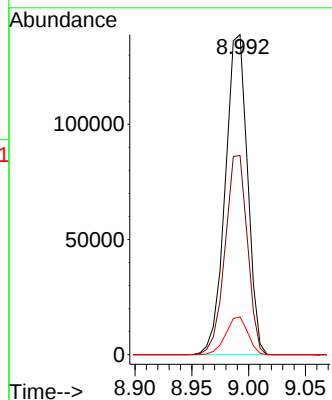
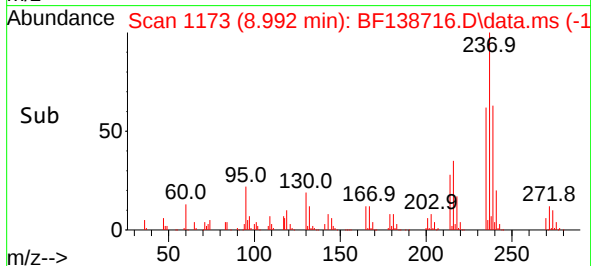
Instrument :
BNA_F
ClientSampleId :
PB162312BS



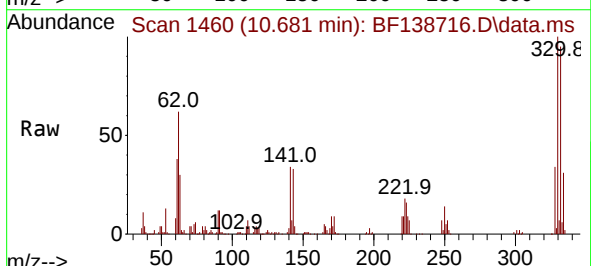
Tgt Ion:237 Resp: 189100
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 11.8 0.0 32.2

Manual Integrations
APPROVED

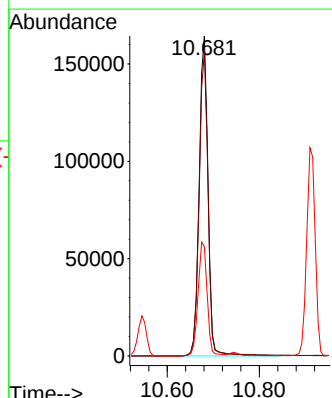
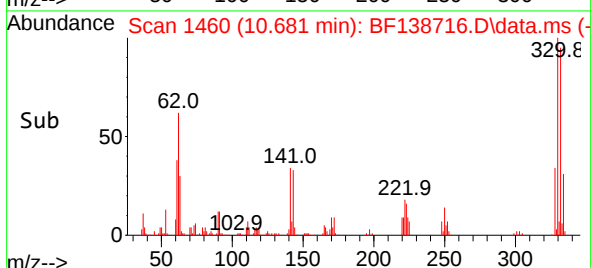
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#42
2,4,6-Tribromophenol
Concen: 133.716 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:330 Resp: 220738
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 36.5 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 45.006 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

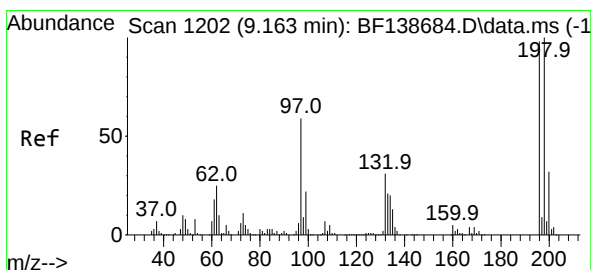
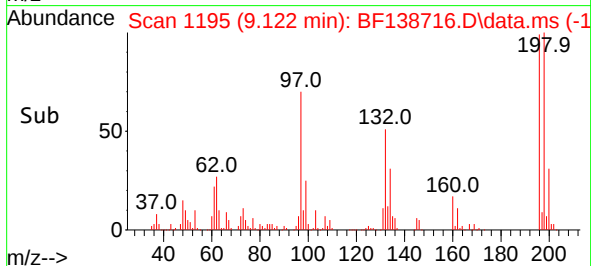
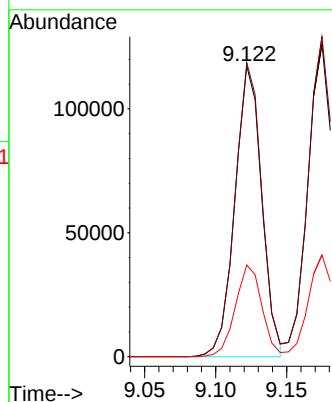
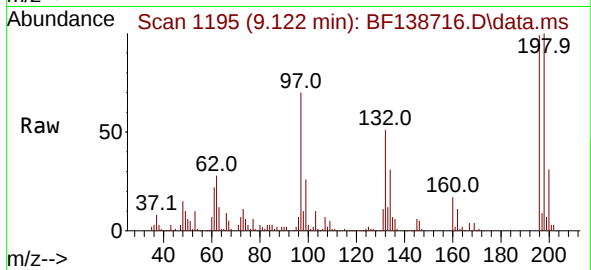
PB162312BS

Tgt Ion:196 Resp: 15362
Ion Ratio Lower Upper
196 100
198 101.2 80.5 120.7
200 31.6 25.9 38.9

Manual Integrations

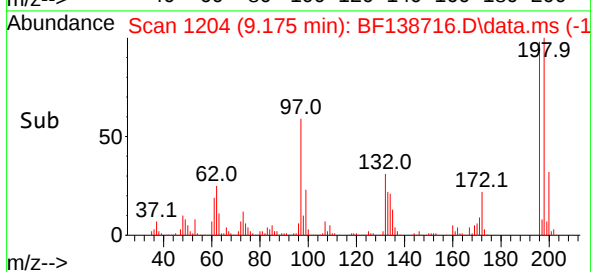
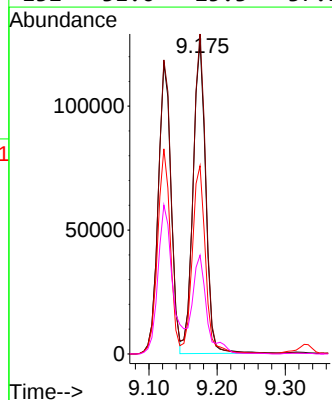
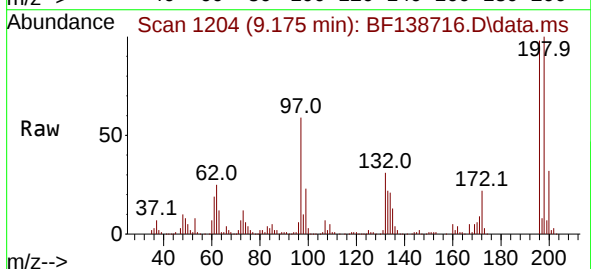
APPROVED

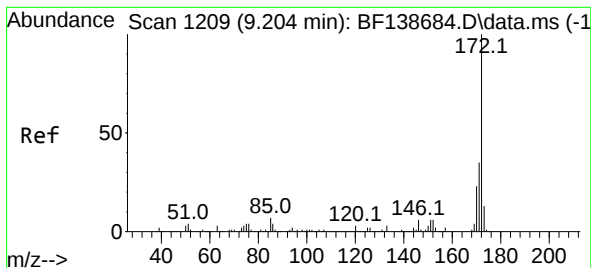
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#44
2,4,5-Trichlorophenol
Concen: 43.390 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:196 Resp: 161911
Ion Ratio Lower Upper
196 100
198 102.4 81.2 121.8
97 60.2 47.8 71.6
132 31.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 79.931 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

Tgt Ion:172 Resp: 1072120

Ion Ratio Lower Upper

172 100

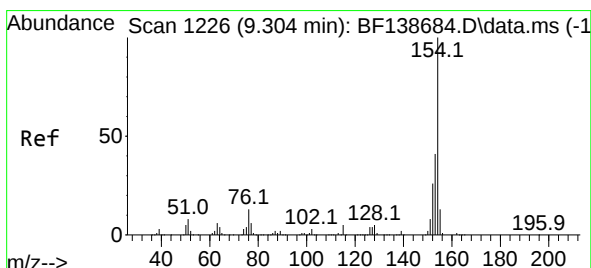
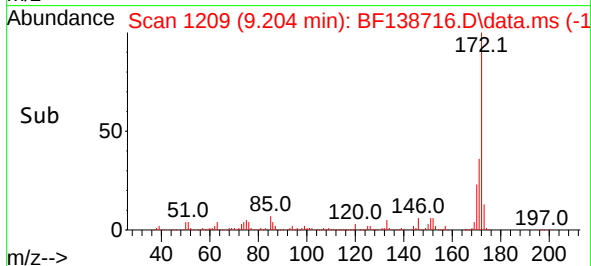
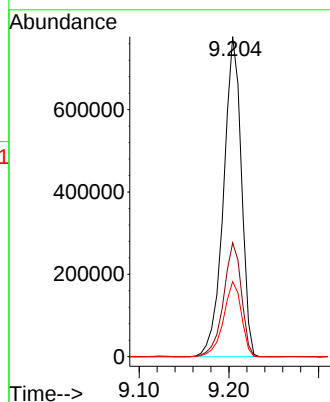
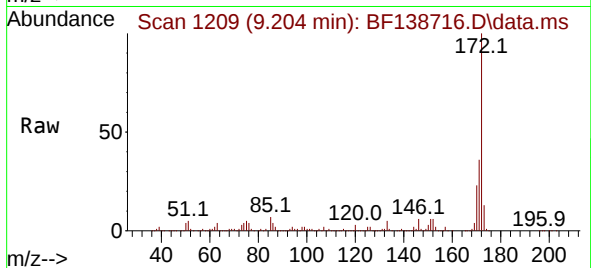
171 35.6 28.3 42.5

170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#46

1,1'-Biphenyl

Concen: 39.866 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

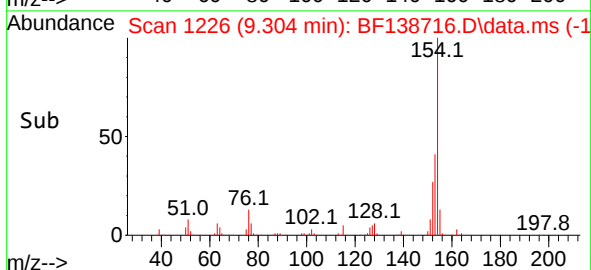
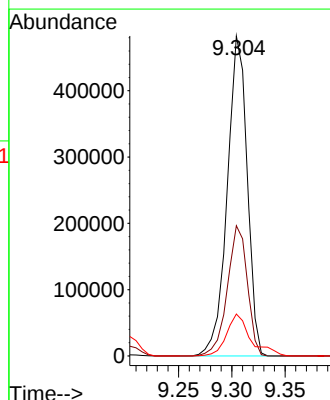
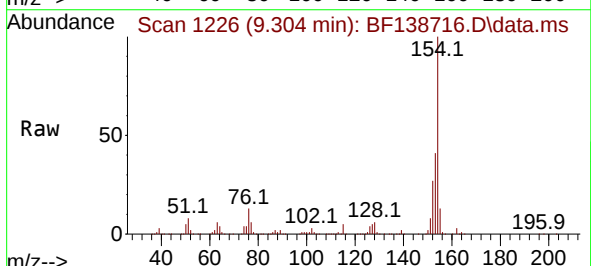
Tgt Ion:154 Resp: 629228

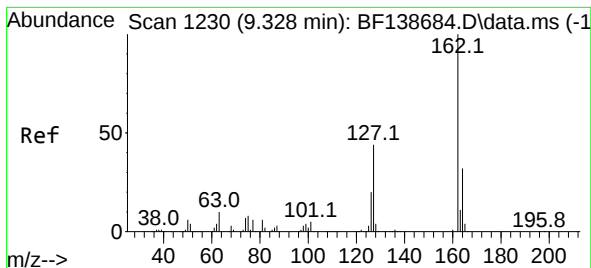
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 42.528 ng

RT: 9.334 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

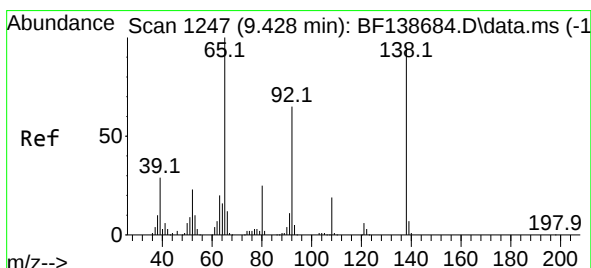
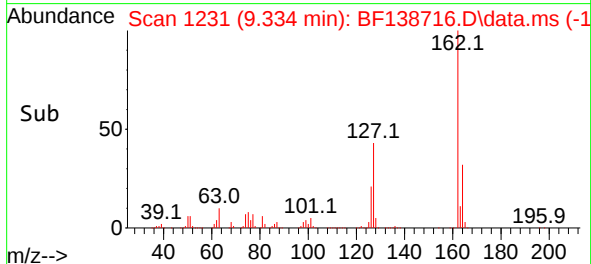
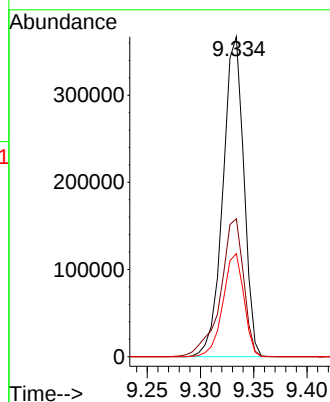
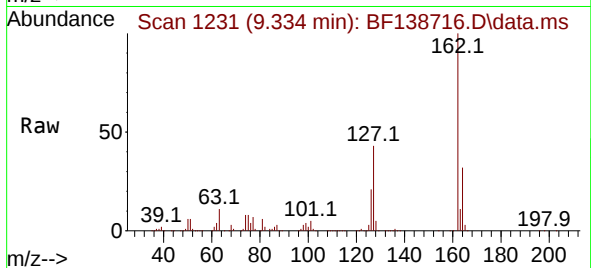
Tgt Ion:162 Resp: 499230

Ion	Ratio	Lower	Upper
162	100		
127	43.1	35.4	53.2
164	32.2	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#48

2-Nitroaniline

Concen: 46.676 ng

RT: 9.434 min Scan# 1248

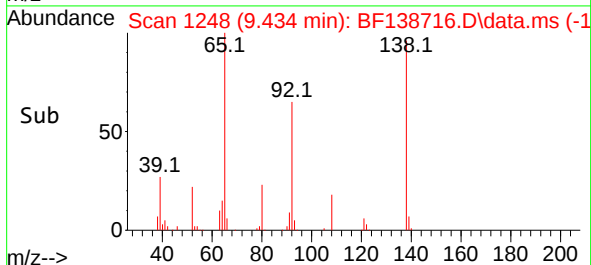
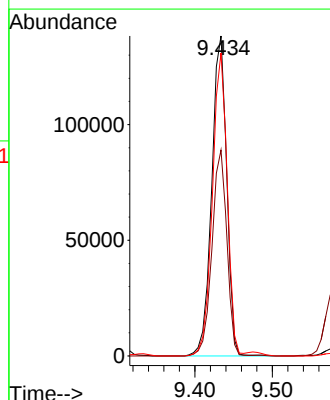
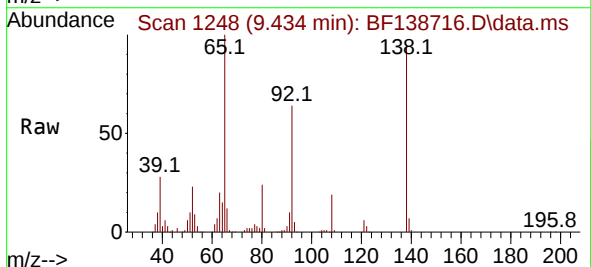
Delta R.T. 0.006 min

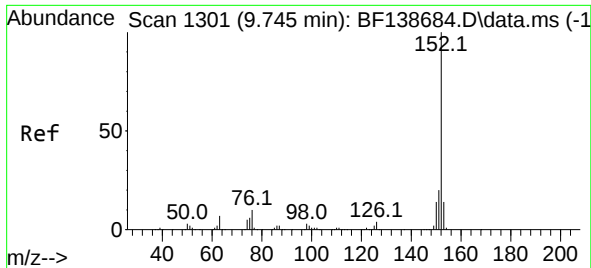
Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Tgt Ion: 65 Resp: 185749

Ion	Ratio	Lower	Upper
65	100		
92	64.3	52.0	78.0
138	94.7	76.2	114.4





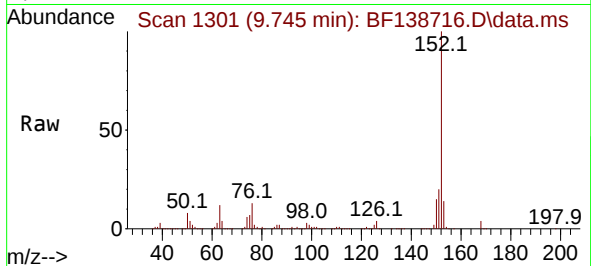
#49
Acenaphthylene
Concen: 47.054 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

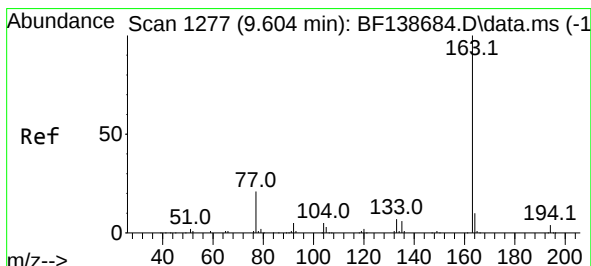
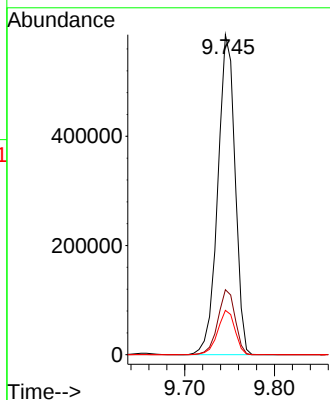
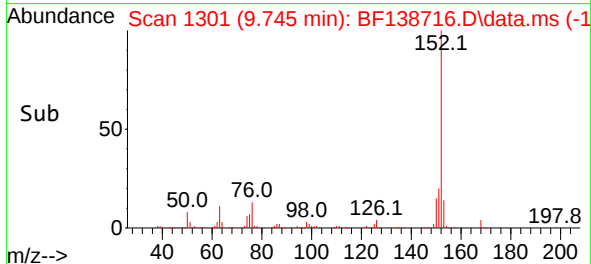


Tgt Ion:152 Resp: 78339
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.9 11.0 16.4

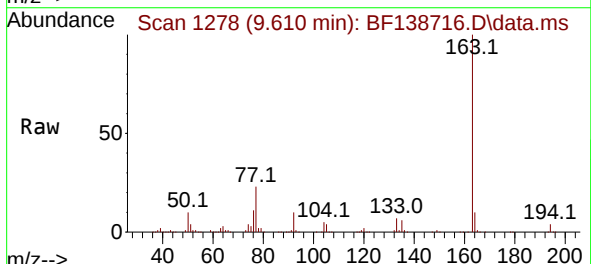
Manual Integrations

APPROVED

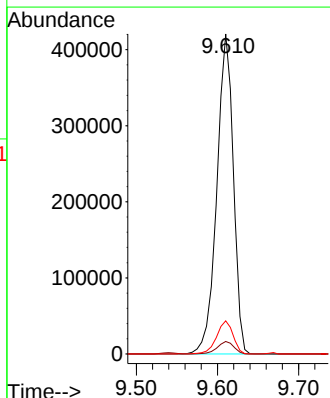
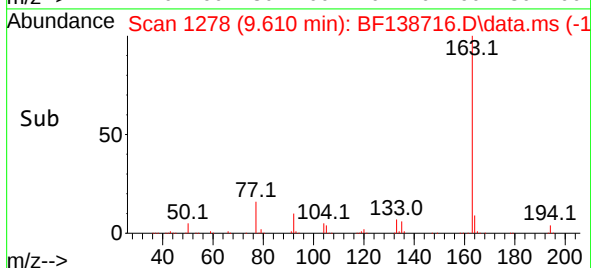
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

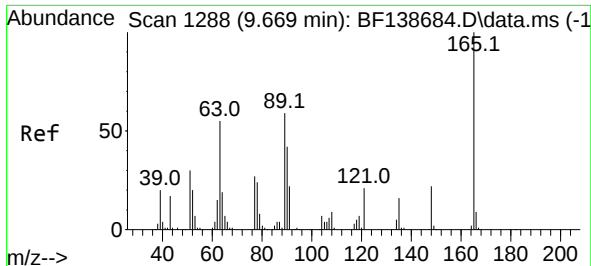


#50
Dimethylphthalate
Concen: 46.234 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:163 Resp: 595776
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 45.733 ng

RT: 9.675 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

Tgt Ion:165 Resp: 132998

Ion Ratio Lower Upper

165 100

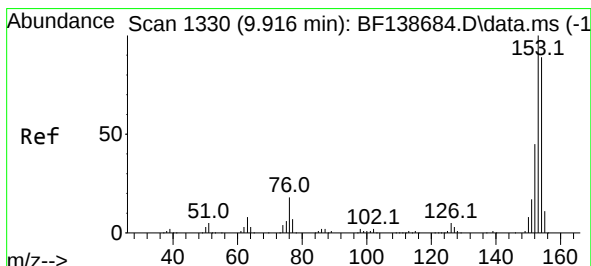
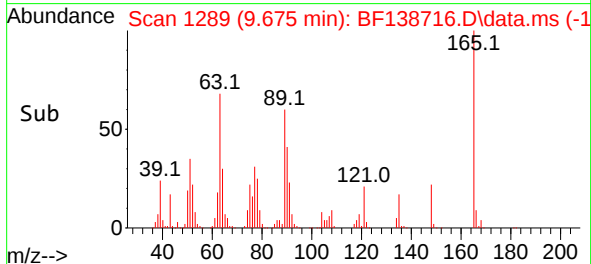
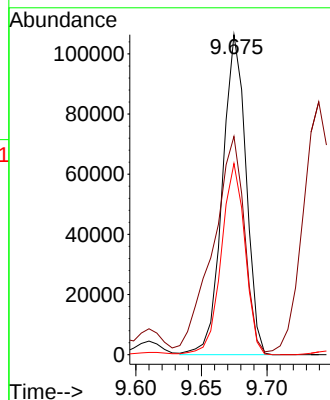
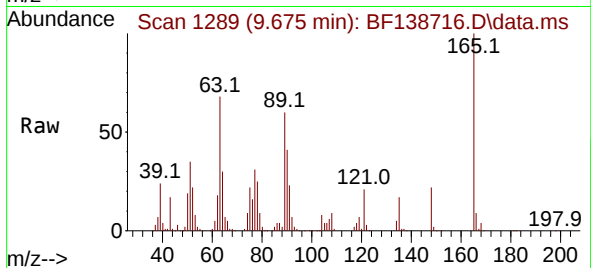
63 68.2 52.0 78.0

89 59.8 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#52

Acenaphthene

Concen: 42.347 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

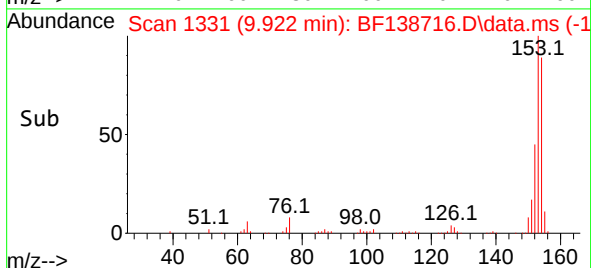
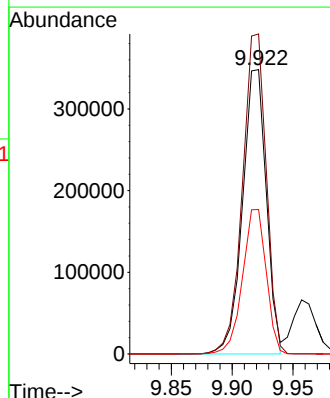
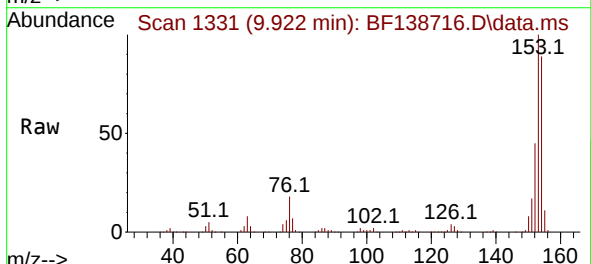
Tgt Ion:154 Resp: 473934

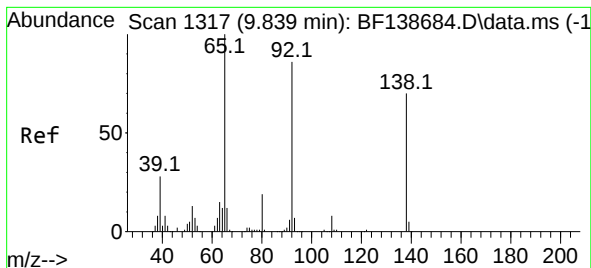
Ion Ratio Lower Upper

154 100

153 112.6 89.9 134.9

152 50.8 40.6 60.8





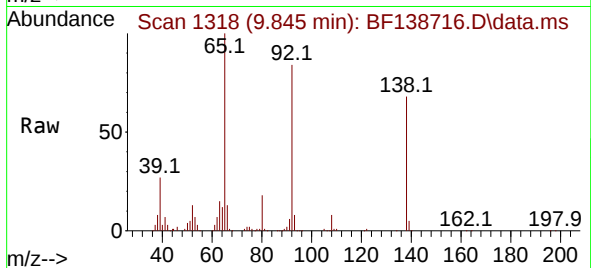
#53
3-Nitroaniline
Concen: 30.362 ng
RT: 9.845 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

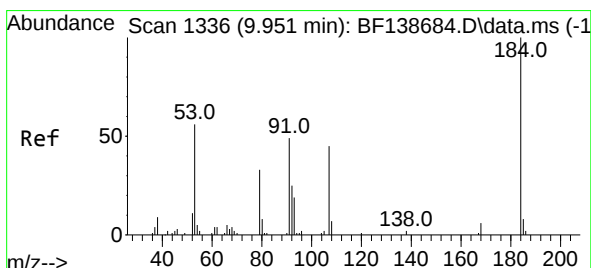
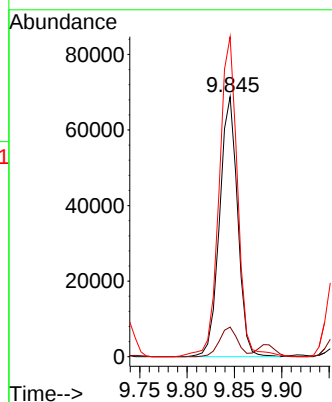
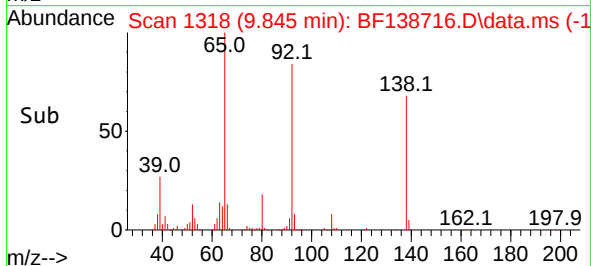


Tgt Ion:138 Resp: 91279
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 123.1 98.7 148.1

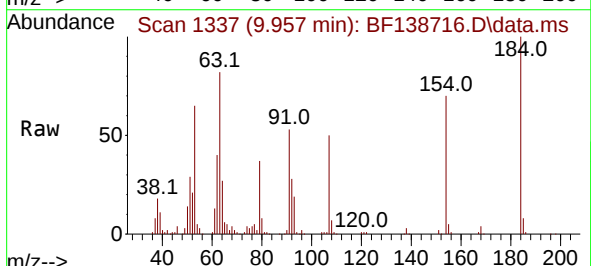
Manual Integrations

APPROVED

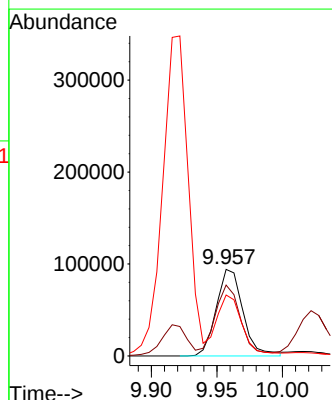
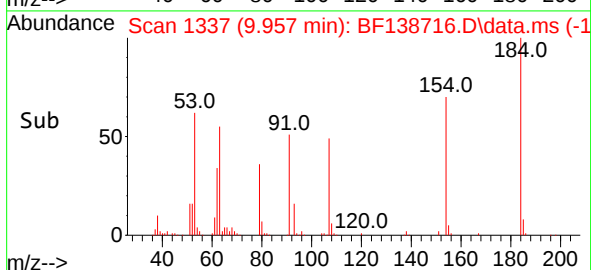
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

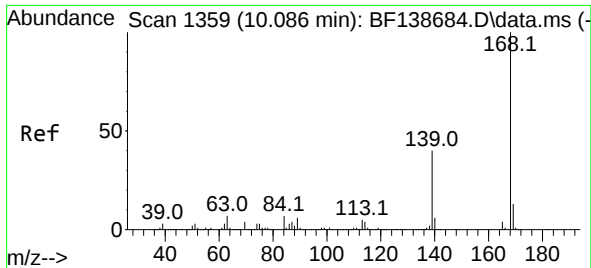


#54
2,4-Dinitrophenol
Concen: 99.926 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:184 Resp: 133772
Ion Ratio Lower Upper
184 100
63 81.8 57.5 86.3
154 70.3 51.7 77.5





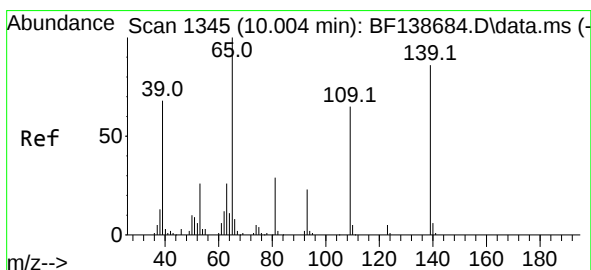
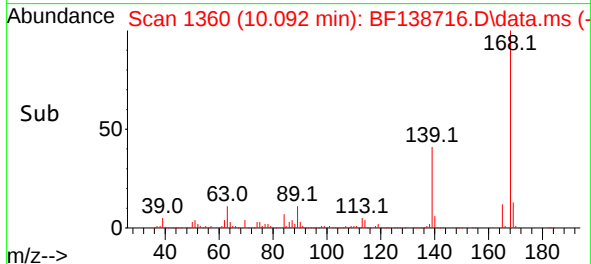
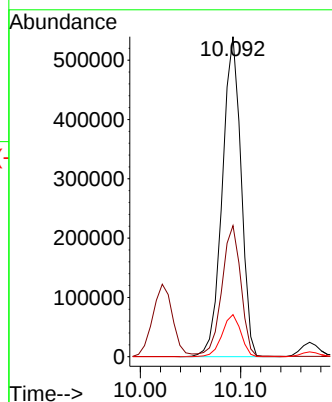
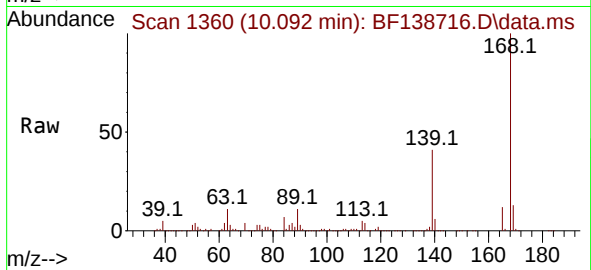
#55
Dibenzenofuran
Concen: 44.234 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Tgt Ion:168 Resp: 698823
Ion Ratio Lower Upper
168 100
139 41.0 32.6 49.0
169 13.1 10.7 16.1

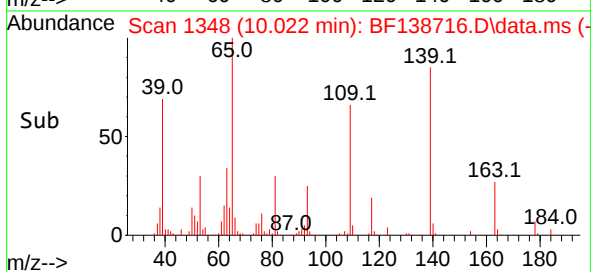
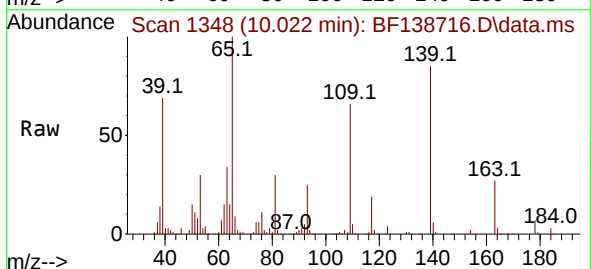
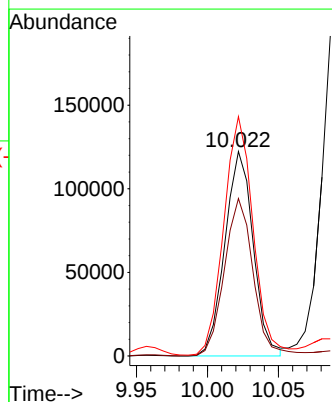
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#56
4-Nitrophenol
Concen: 94.311 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:139 Resp: 170503
Ion Ratio Lower Upper
139 100
109 77.0 55.5 95.5
65 117.1 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 47.261 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

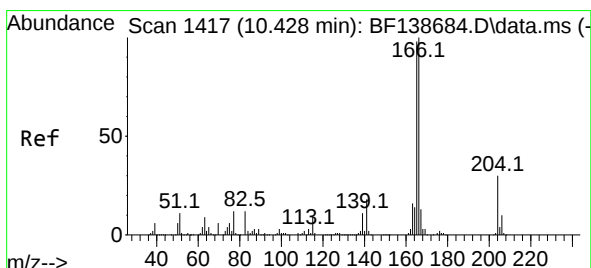
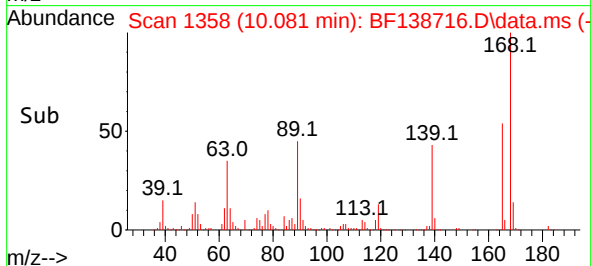
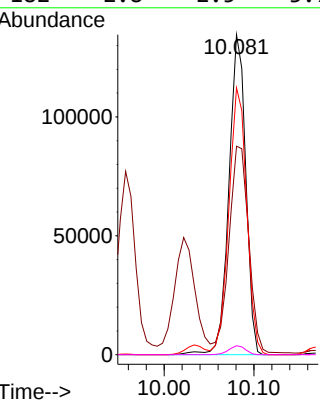
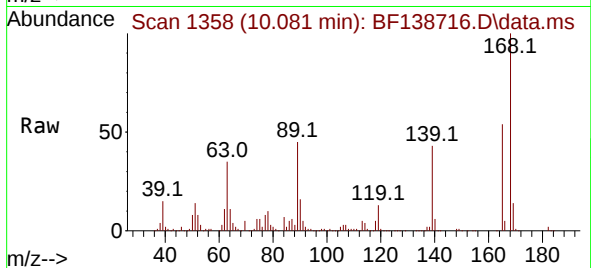
PB162312BS

Tgt Ion:165 Resp: 175354
Ion Ratio Lower Upper
165 100
63 65.2 46.3 69.5
89 83.4 64.2 96.4
182 2.8 2.5 3.7

Manual Integrations

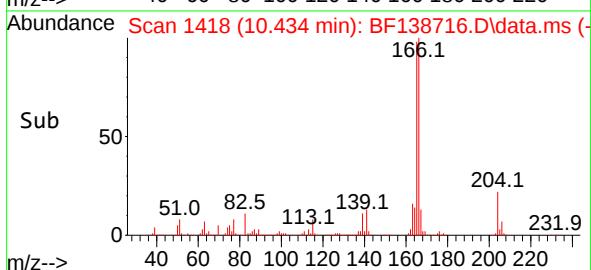
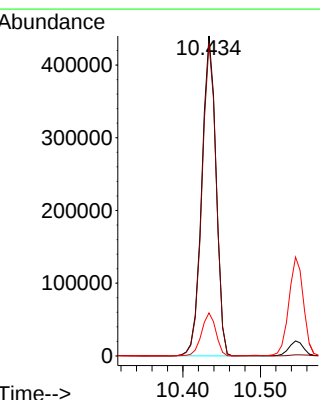
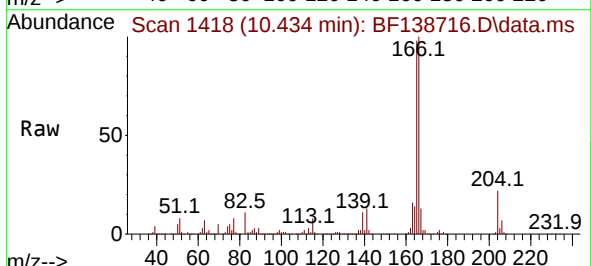
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#58
Fluorene
Concen: 44.659 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

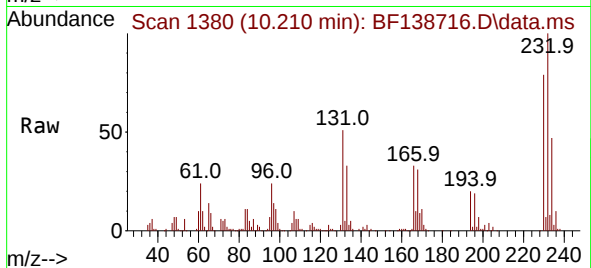
Tgt Ion:166 Resp: 561842
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.870 ng
RT: 10.210 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

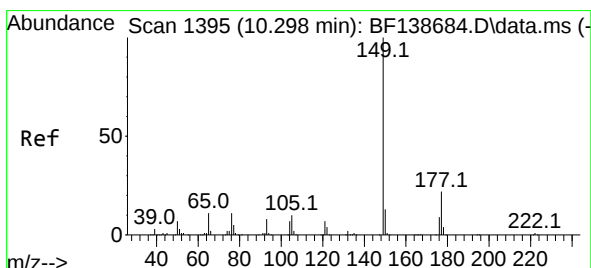
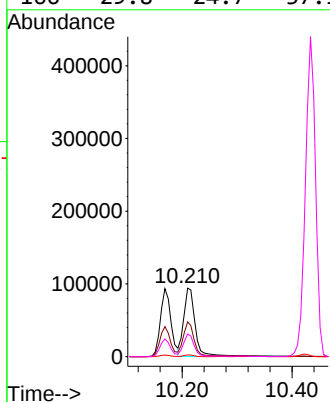
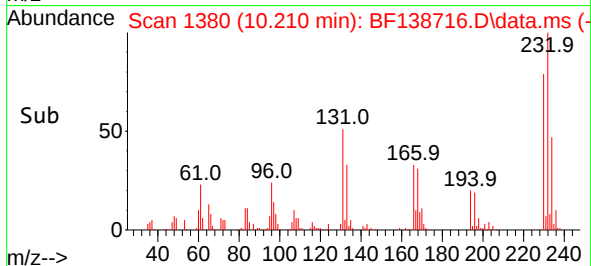
Instrument :
BNA_F
ClientSampleId :
PB162312BS



Tgt Ion:232 Resp: 136562
Ion Ratio Lower Upper
232 100
131 46.2 37.0 55.4
130 2.4 2.0 3.0
166 29.8 24.7 37.1

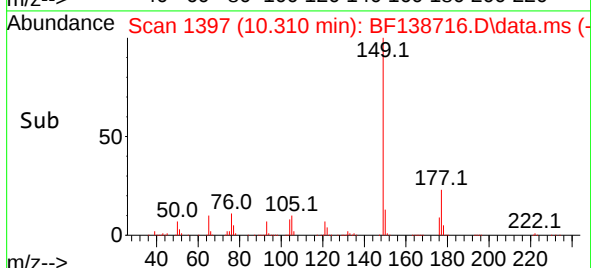
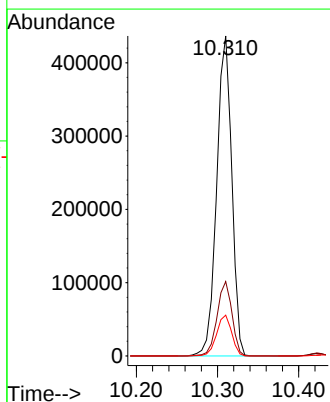
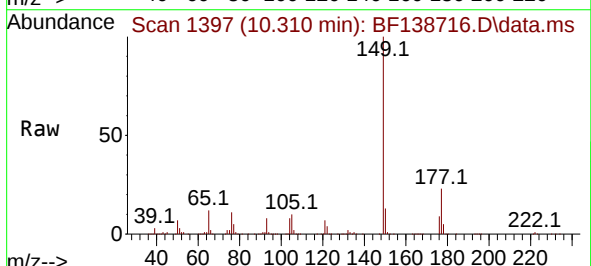
Manual Integrations
APPROVED

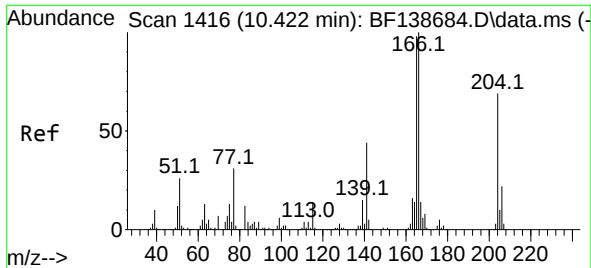
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#60
Diethylphthalate
Concen: 46.150 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

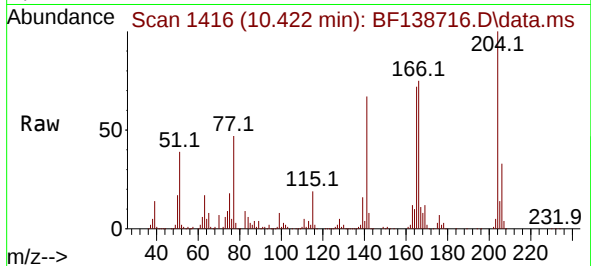
Tgt Ion:149 Resp: 563875
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.613 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

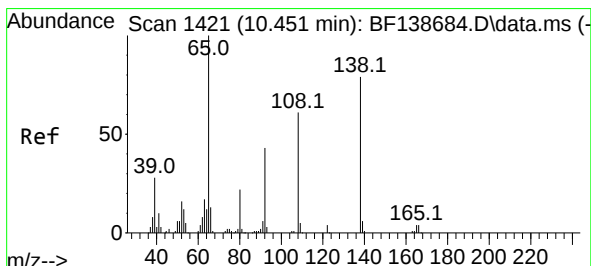
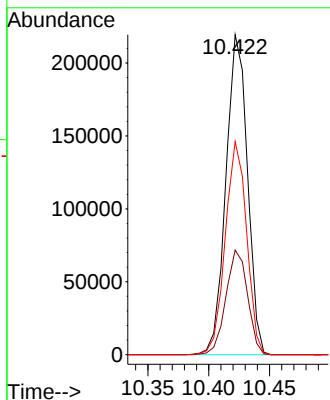
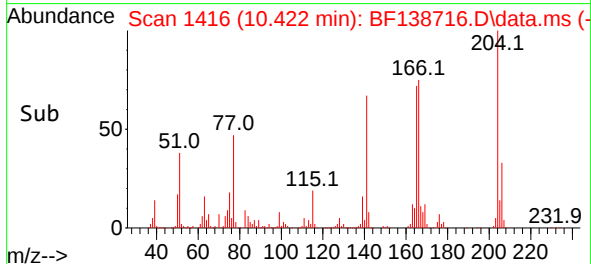
Instrument :
BNA_F
ClientSampleId :
PB162312BS



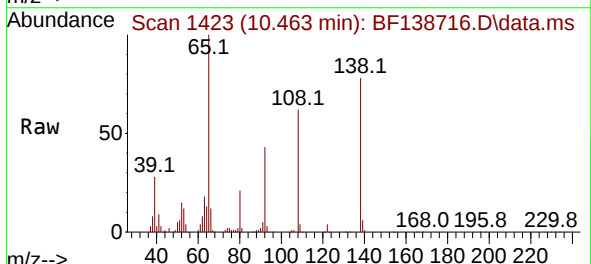
Tgt Ion:204 Resp: 26985
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 66.6 51.4 77.0

Manual Integrations
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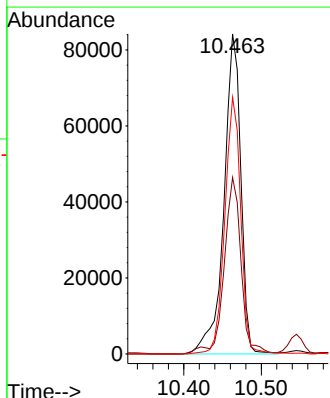
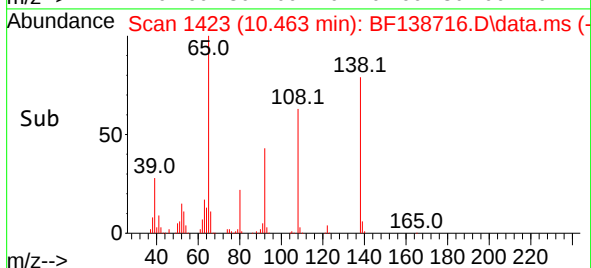
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

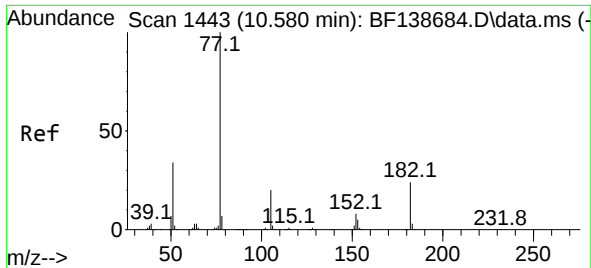


#62
4-Nitroaniline
Concen: 44.639 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:138 Resp: 127533
Ion Ratio Lower Upper
138 100
92 55.2 34.2 74.2
108 80.2 56.2 96.2





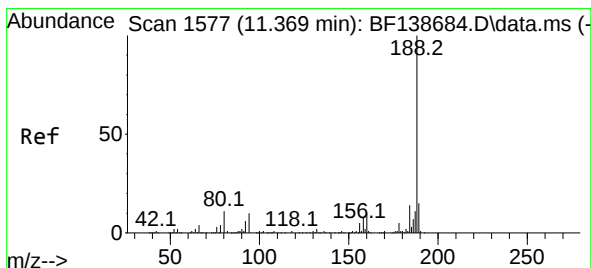
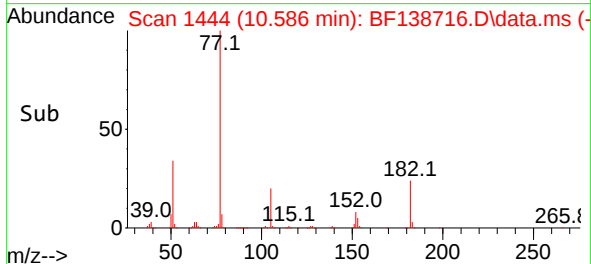
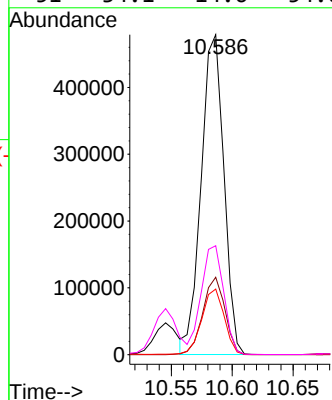
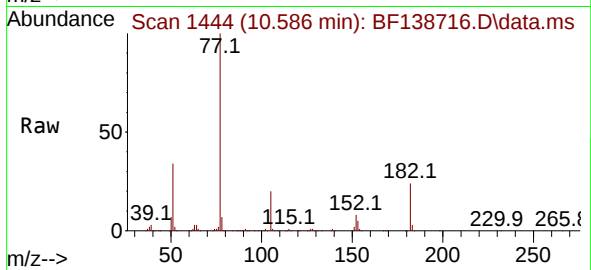
#63
Azobenzene
Concen: 45.798 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Tgt Ion: 77	Resp: 620619
Ion Ratio	Lower Upper
77 100	
182 24.2	3.4 43.4
105 20.5	0.2 40.2
51 34.1	14.6 54.6

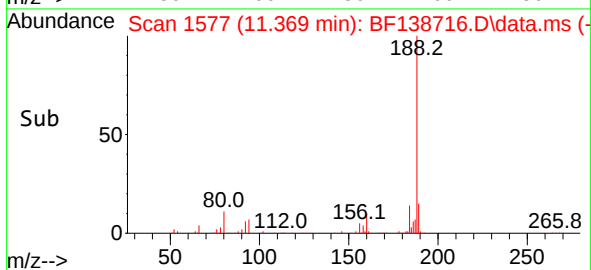
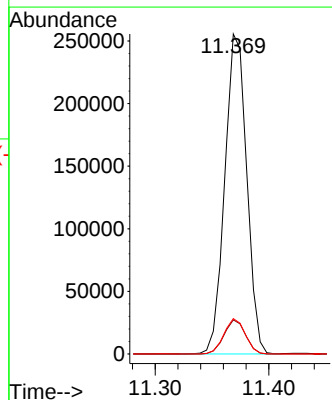
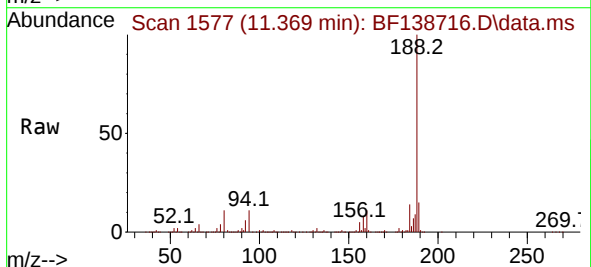
Manual Integrations
APPROVED

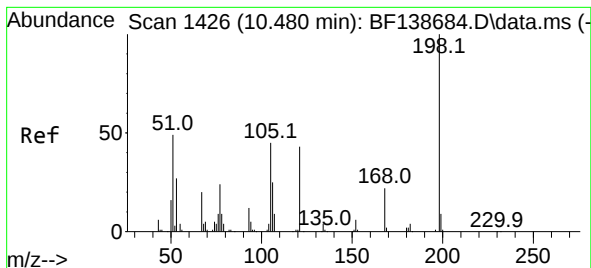
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:188	Resp: 342771
Ion Ratio	Lower Upper
188 100	
94 10.6	7.6 11.4
80 11.0	8.6 12.8





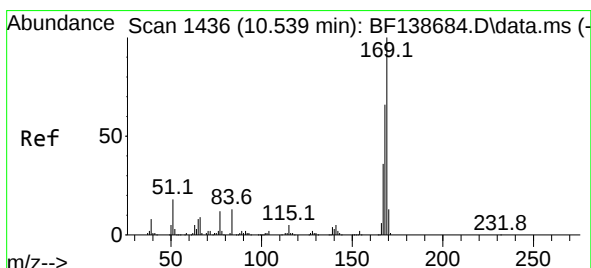
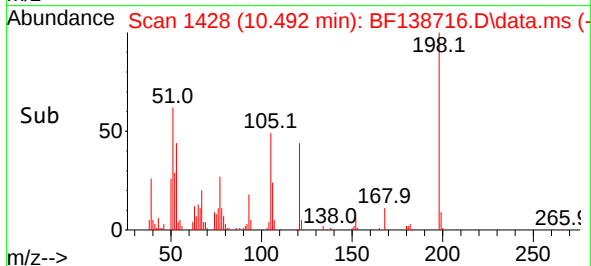
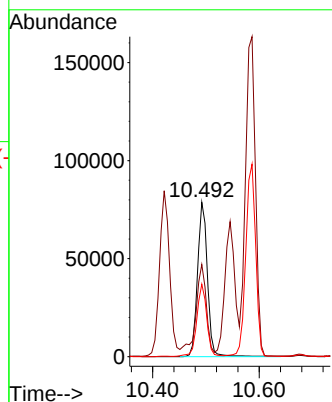
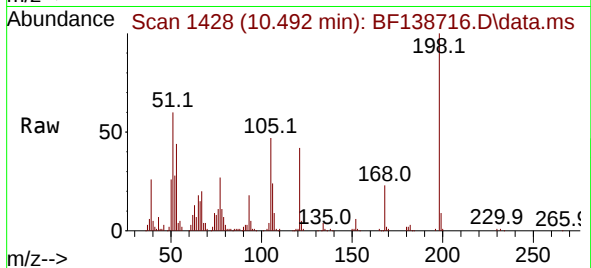
#65
4,6-Dinitro-2-methylphenol
Concen: 48.971 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Tgt Ion:198 Resp: 102408
Ion Ratio Lower Upper
198 100
51 59.8 39.9 79.9
105 46.9 26.1 66.1

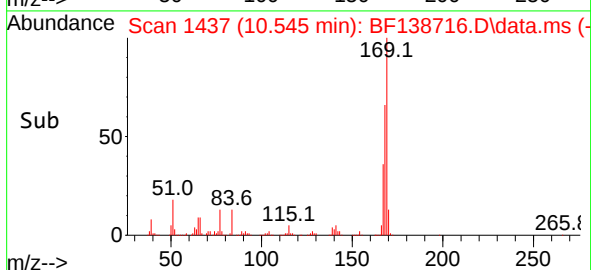
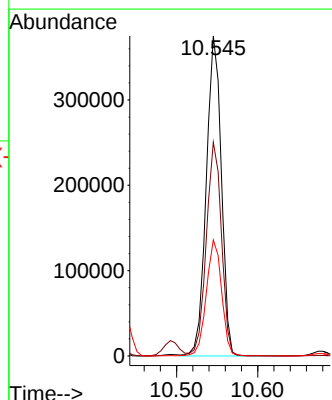
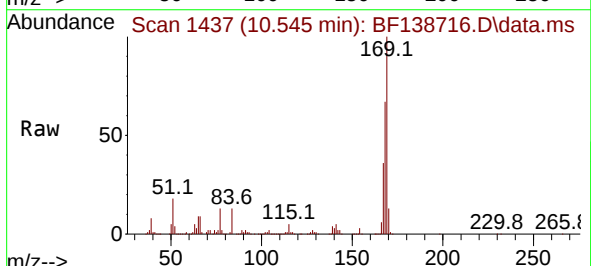
Manual Integrations
APPROVED

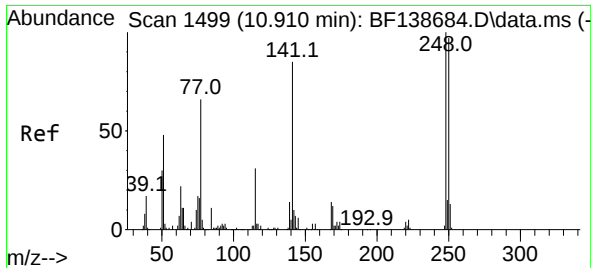
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#66
n-Nitrosodiphenylamine
Concen: 44.995 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:169 Resp: 482084
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.3 29.0 43.6





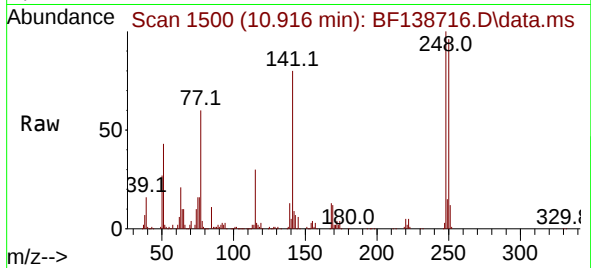
#67
4-Bromophenyl-phenylether
Concen: 43.552 ng
RT: 10.916 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

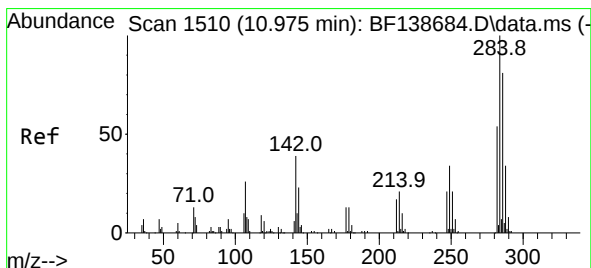
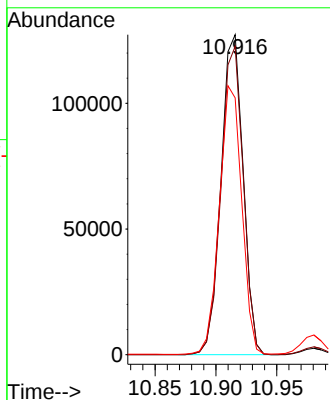
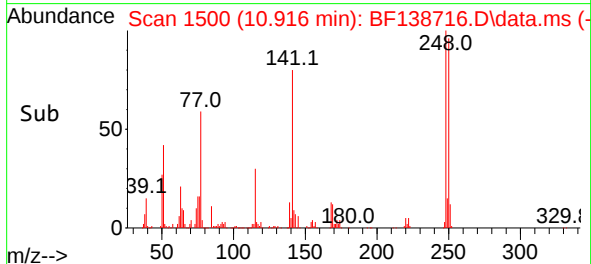


Tgt Ion:248 Resp: 161628
Ion Ratio Lower Upper
248 100
250 96.4 77.7 116.5
141 80.3 68.0 102.0

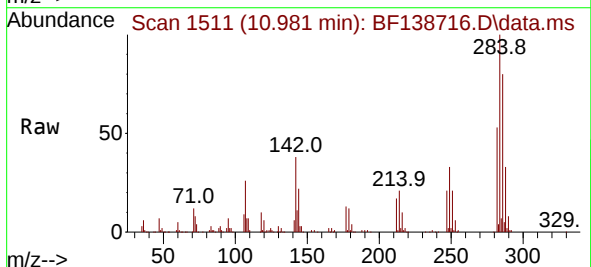
Manual Integrations

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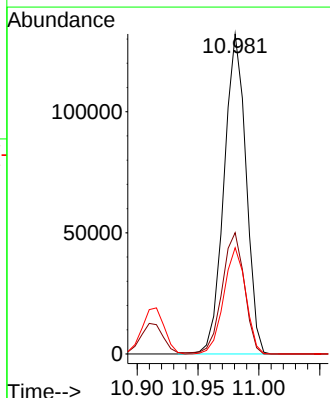
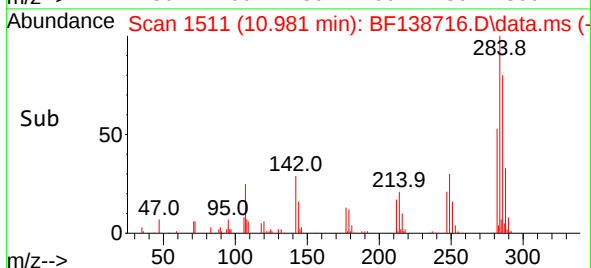
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#68
Hexachlorobenzene
Concen: 43.295 ng
RT: 10.981 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:284 Resp: 165897
Ion Ratio Lower Upper
284 100
142 37.9 31.3 46.9
249 33.2 27.2 40.8





#69

Atrazine

Concen: 51.314 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.012 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

Tgt Ion:200 Resp: 141840

Ion Ratio Lower Upper

200 100

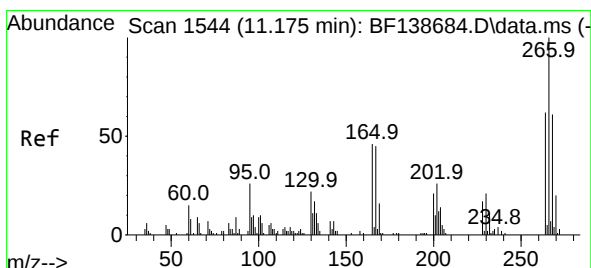
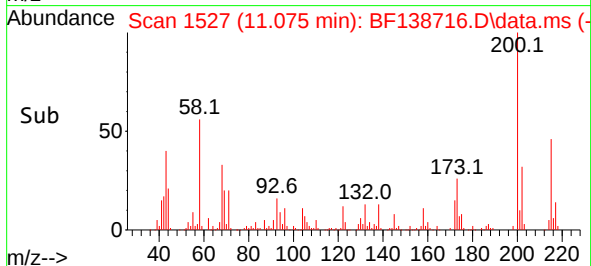
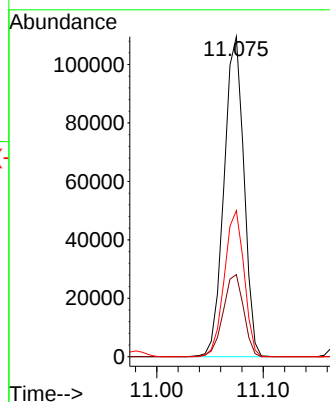
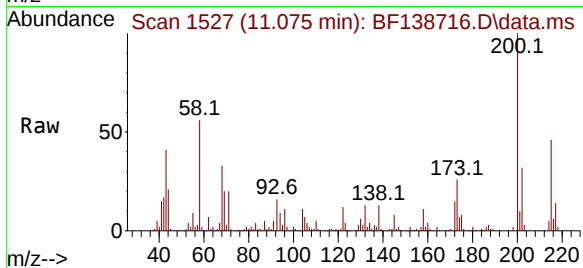
173 25.6 6.0 46.0

215 45.7 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#70

Pentachlorophenol

Concen: 88.056 ng

RT: 11.181 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

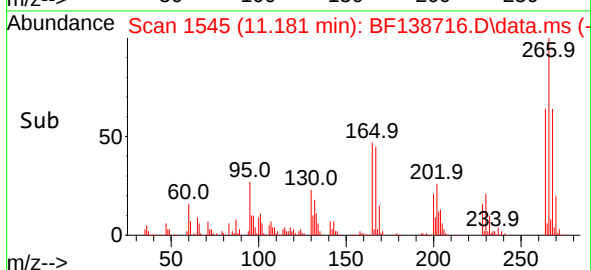
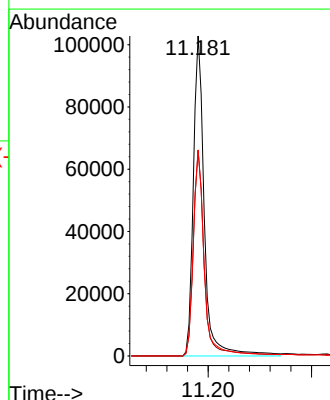
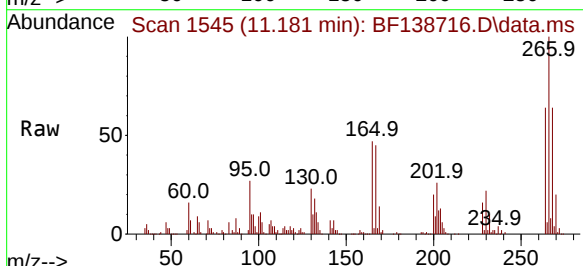
Tgt Ion:266 Resp: 152085

Ion Ratio Lower Upper

266 100

268 64.2 49.2 73.8

264 64.4 49.8 74.6





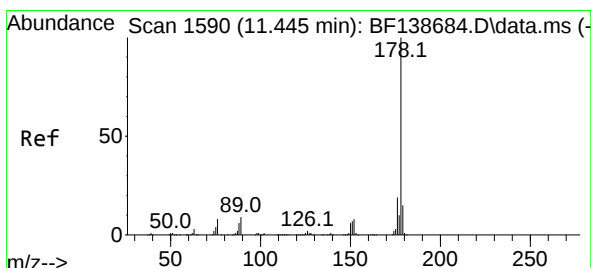
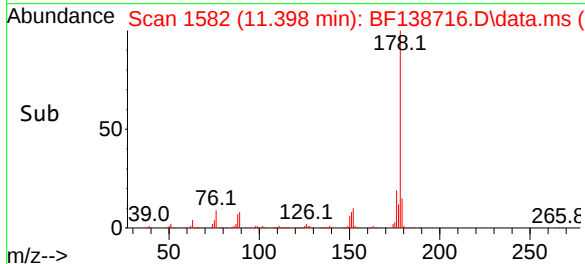
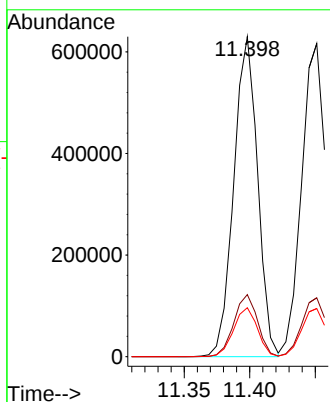
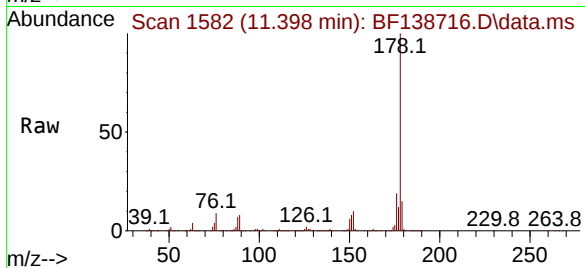
#71
Phenanthrene
Concen: 45.168 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Tgt Ion:178 Resp: 797212
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.2 18.2

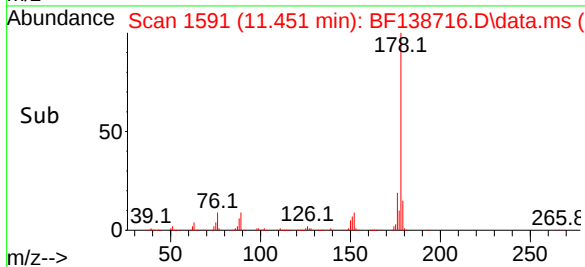
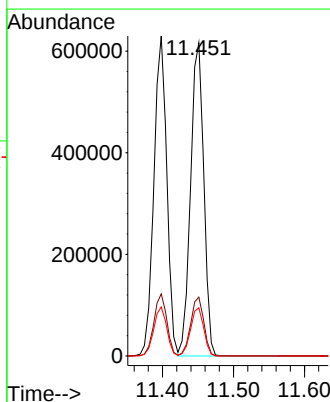
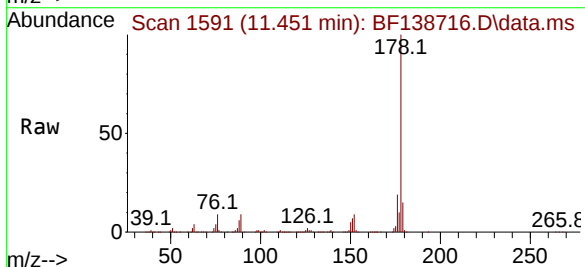
Manual Integrations
APPROVED

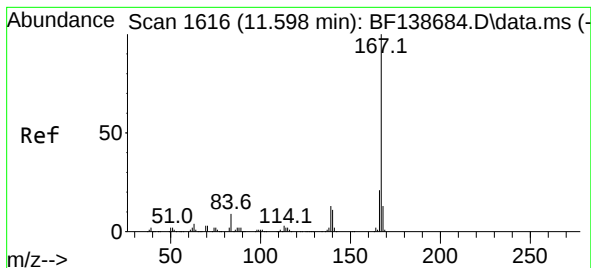
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#72
Anthracene
Concen: 45.839 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:178 Resp: 797028
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 46.000 ng

RT: 11.604 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

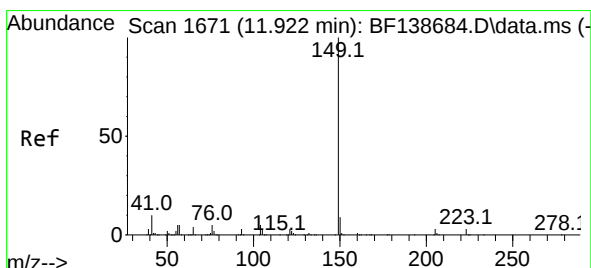
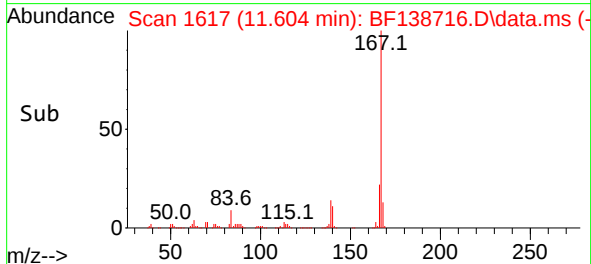
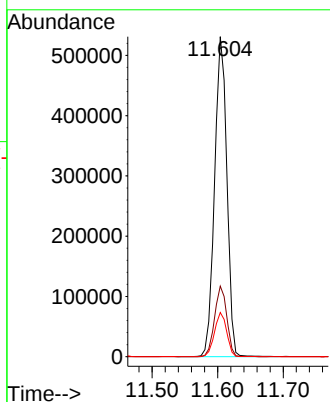
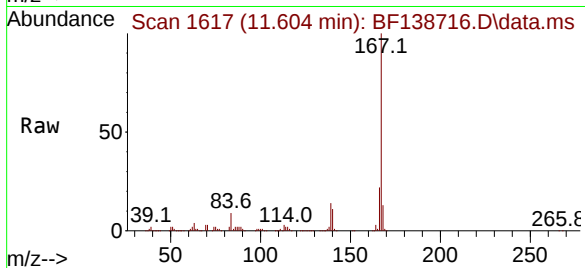
PB162312BS

Tgt Ion:167	Resp: 69005
Ion Ratio	Lower Upper
167 100	
166 22.1	17.2 25.8
139 13.8	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#74

Di-n-butylphthalate

Concen: 49.803 ng

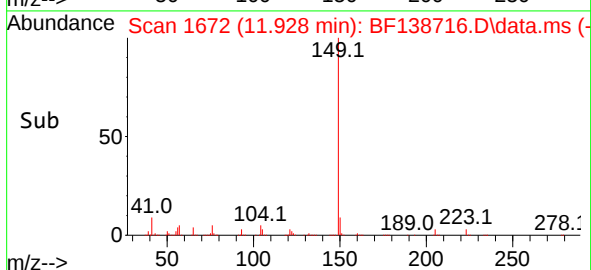
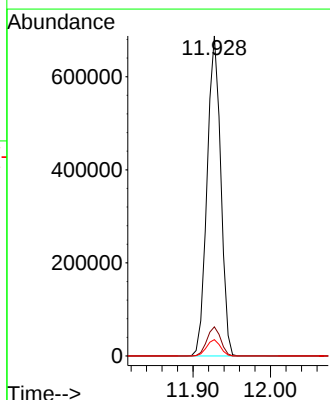
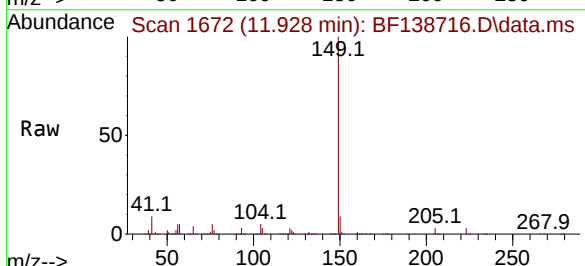
RT: 11.928 min Scan# 1672

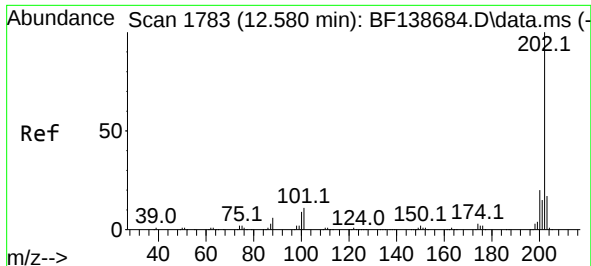
Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

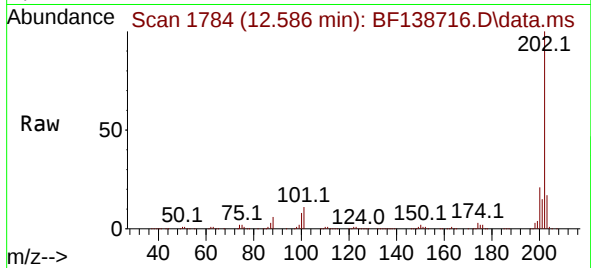
Tgt Ion:149	Resp: 839870
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.0
104 5.1	4.1 6.1





#75
Fluoranthene
Concen: 45.748 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

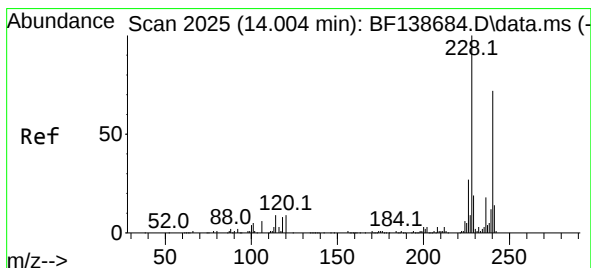
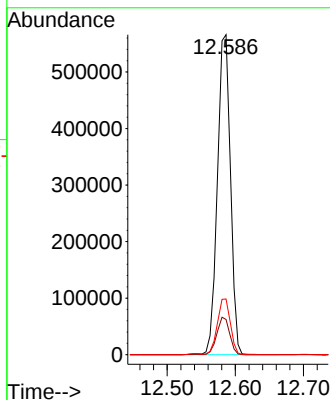
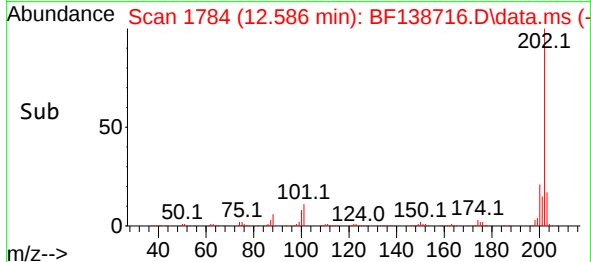
Instrument :
BNA_F
ClientSampleId :
PB162312BS



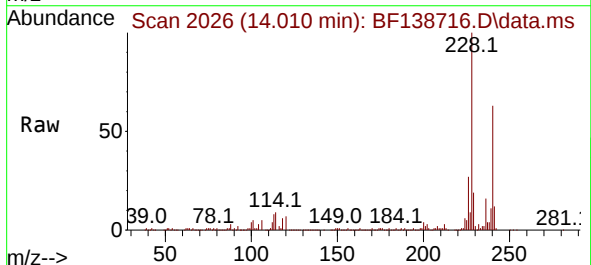
Tgt Ion:202 Resp: 75379
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.2
203 17.4 0.0 37.3

Manual Integrations
APPROVED

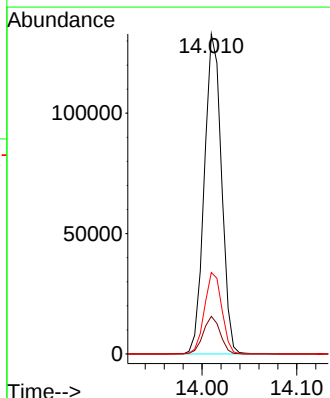
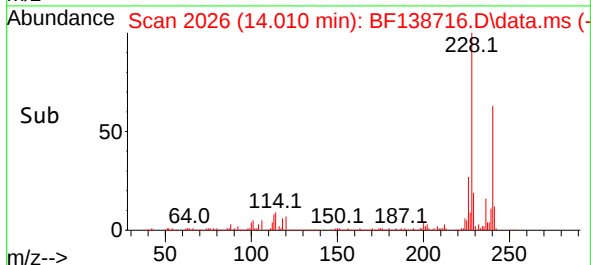
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

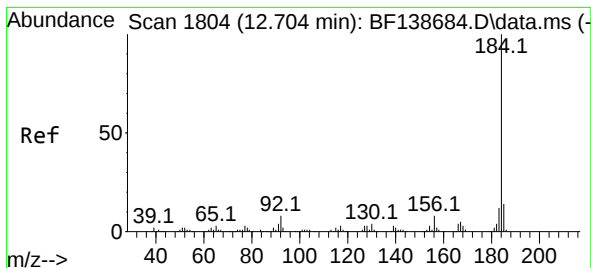


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:240 Resp: 167107
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 25.5 19.8 29.8





#77

Benzidine

Concen: 22.317 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

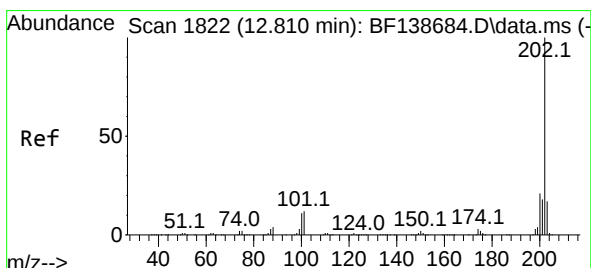
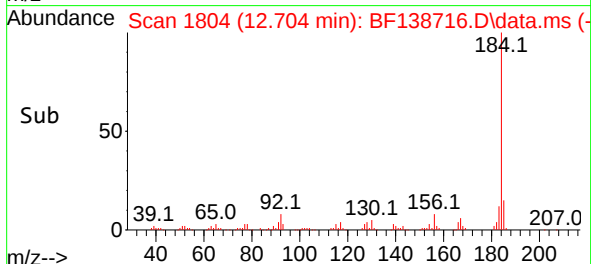
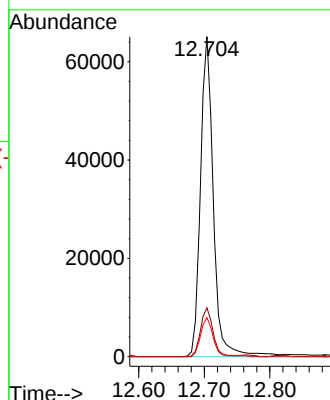
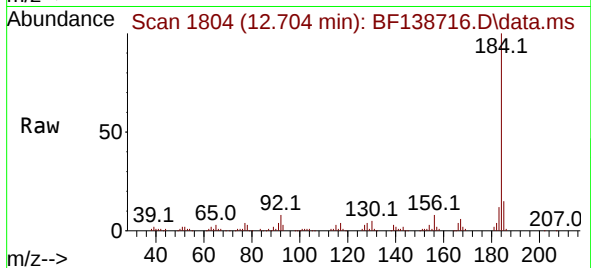
PB162312BS

Tgt Ion:184	Resp:	89198
Ion Ratio	Lower	Upper
184	100	
185	15.2	11.1 16.7
183	12.2	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#78

Pyrene

Concen: 46.943 ng

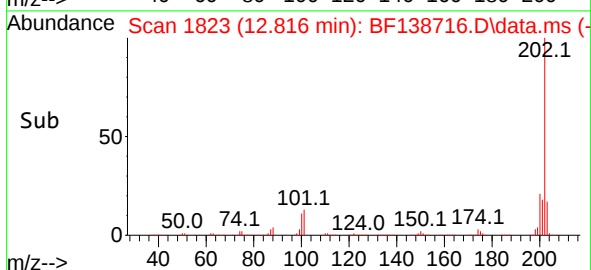
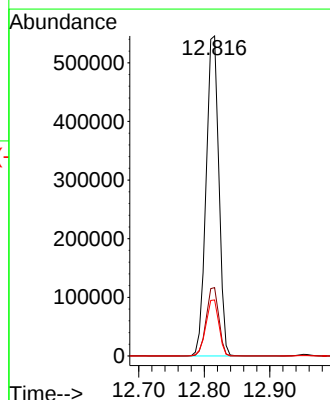
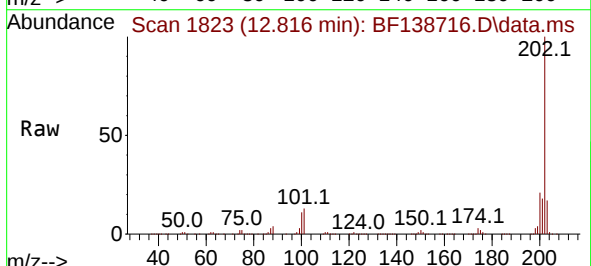
RT: 12.816 min Scan# 1823

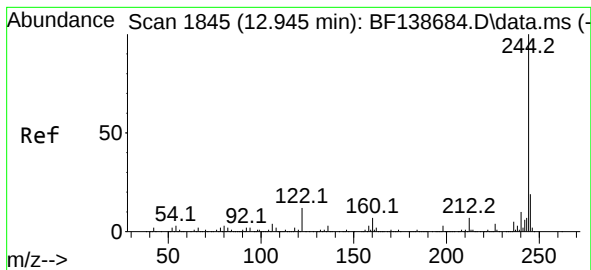
Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Tgt Ion:202	Resp:	738578
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.8 25.2
203	17.5	13.8 20.6





#79

Terphenyl-d14

Concen: 101.880 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138716.D

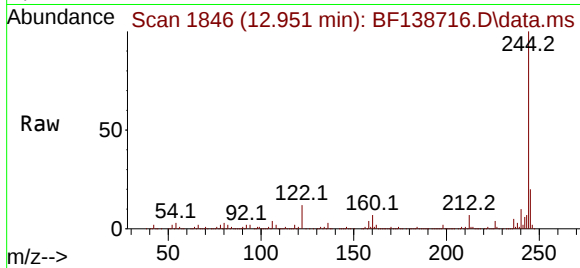
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS



Tgt Ion:244 Resp: 101685

Ion Ratio Lower Upper

244 100

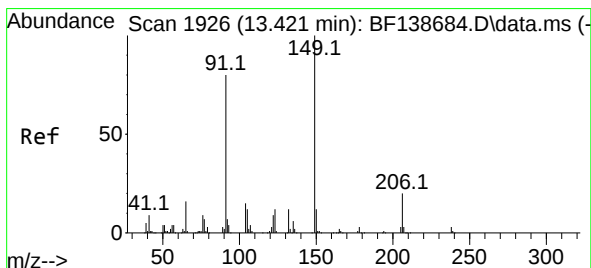
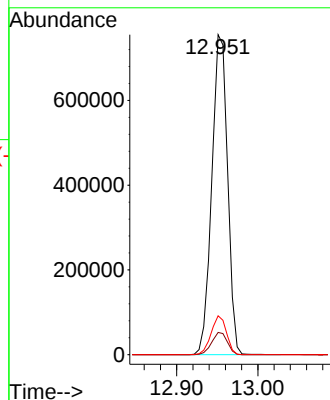
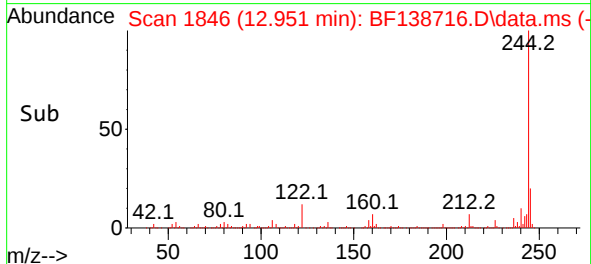
212 6.9 5.4 8.2

122 12.2 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#80

Butylbenzylphthalate

Concen: 48.044 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

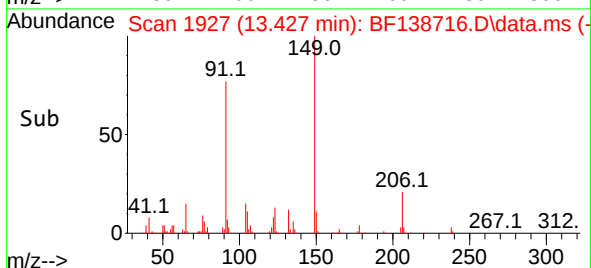
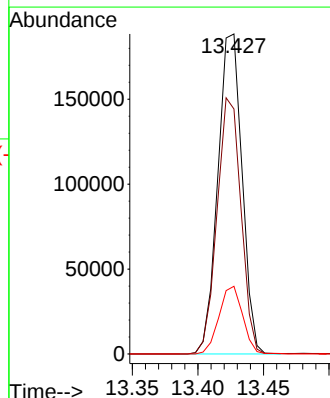
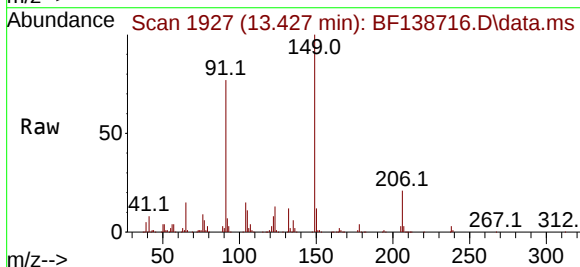
Tgt Ion:149 Resp: 242062

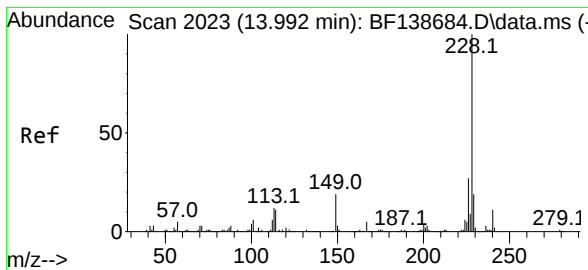
Ion Ratio Lower Upper

149 100

91 76.6 63.7 95.5

206 21.1 16.2 24.2





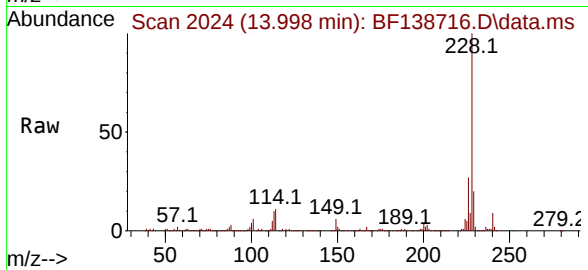
#81
Benzo(a)anthracene
Concen: 47.539 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

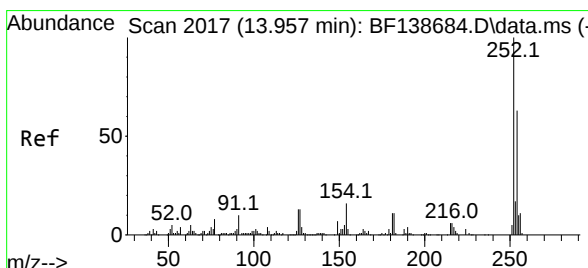
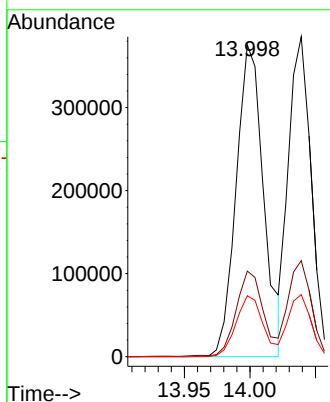
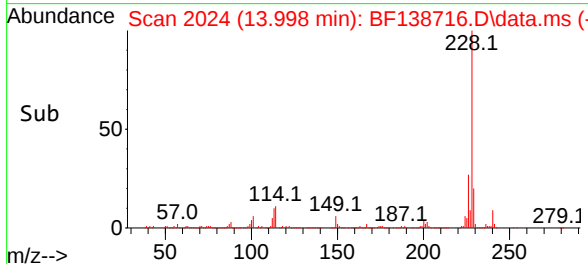


Tgt Ion:228 Resp: 547045
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.5 15.4 23.0

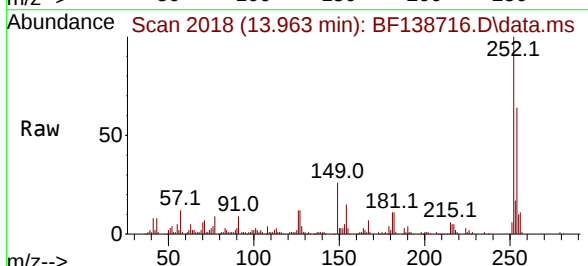
Manual Integrations

APPROVED

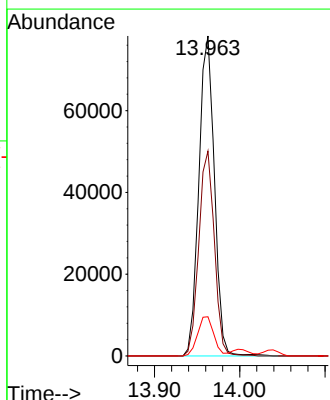
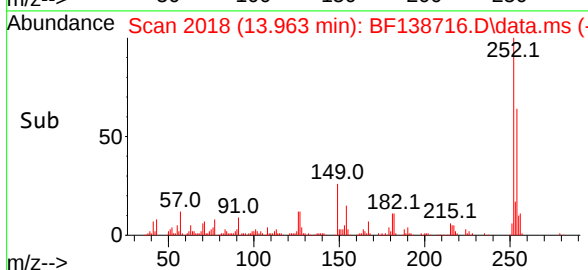
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.696 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45



Tgt Ion:252 Resp: 99226
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 12.2 10.2 15.2





#83

Chrysene

Concen: 44.538 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

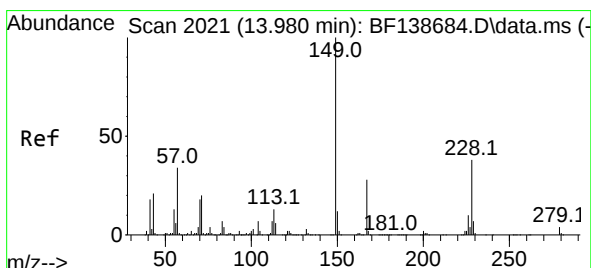
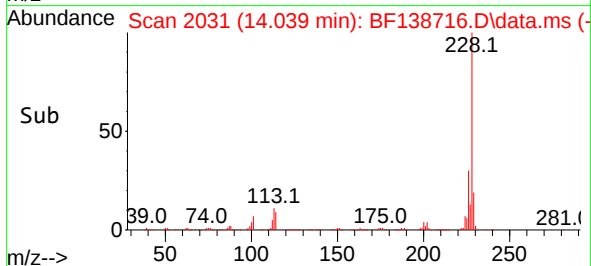
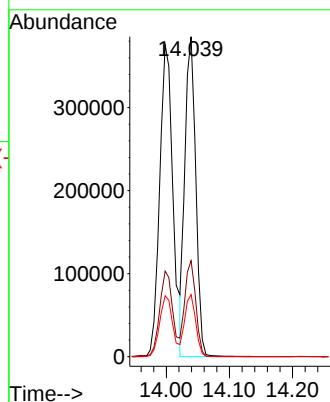
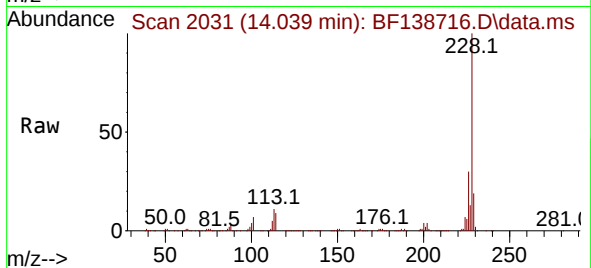
PB162312BS

Tgt Ion:	228	Resp:	46238
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.7	35.5
229	19.4	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.469 ng

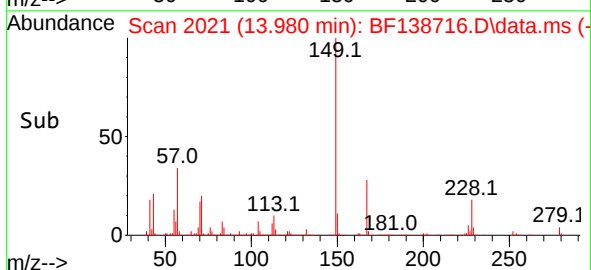
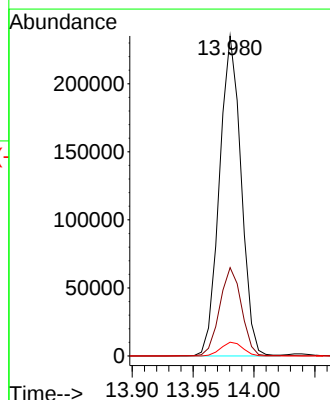
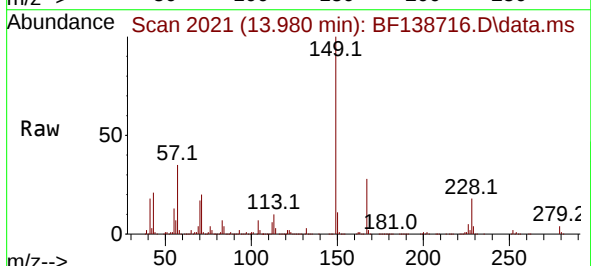
RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Tgt Ion:	149	Resp:	291193
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 38.597 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

Tgt Ion:149 Resp: 52685

Ion Ratio Lower Upper

149 100

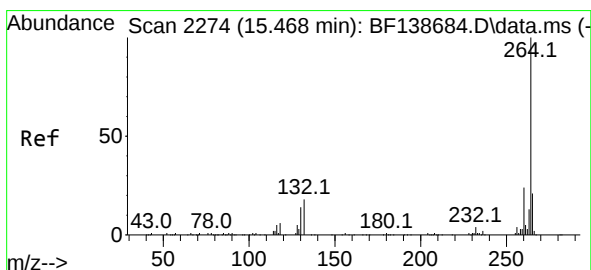
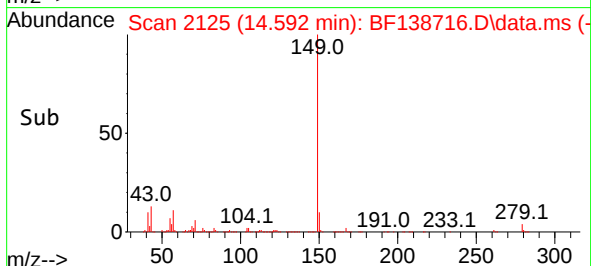
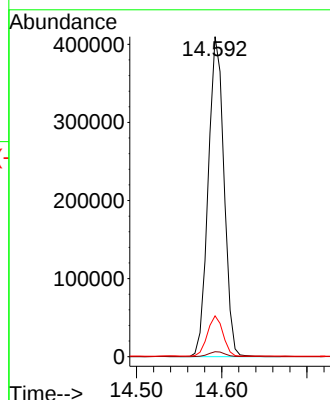
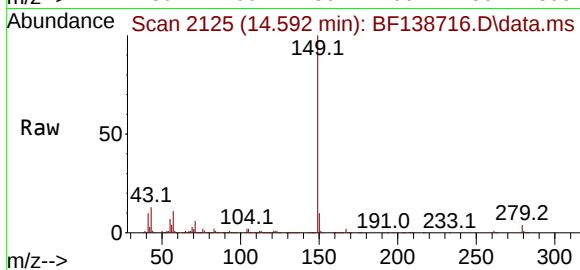
167 1.7 1.4 2.0

43 12.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

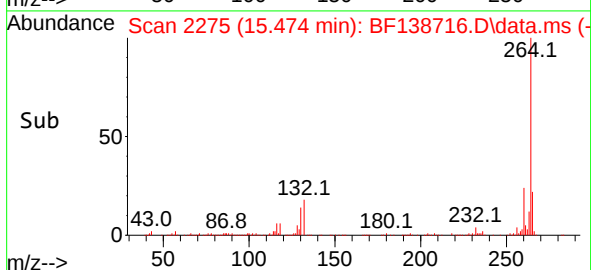
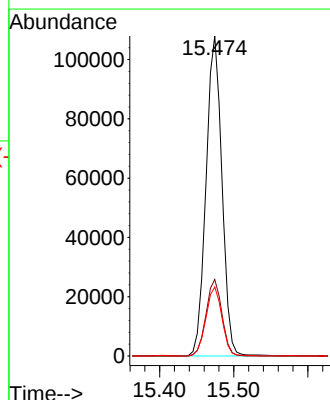
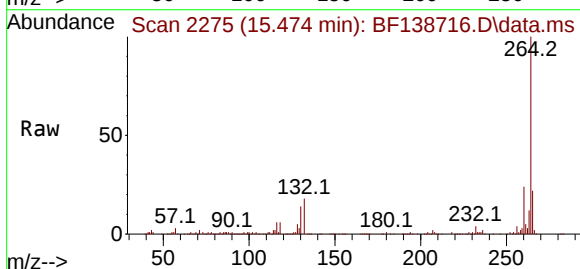
Tgt Ion:264 Resp: 160644

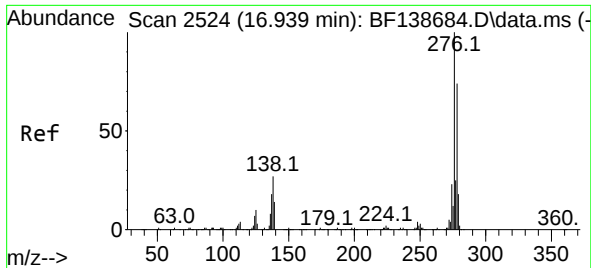
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.069 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

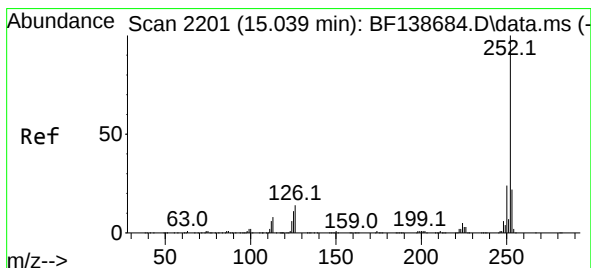
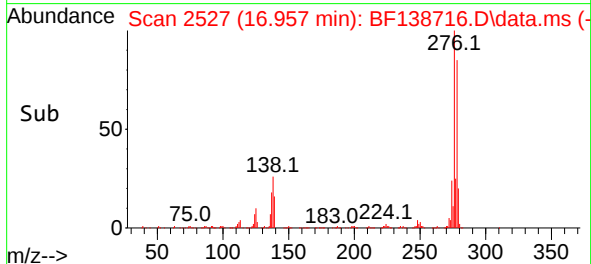
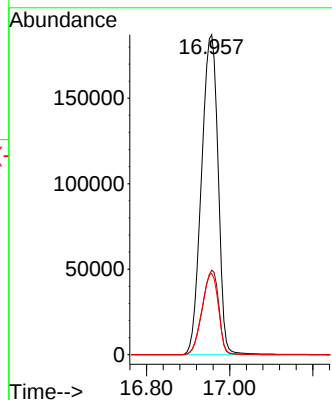
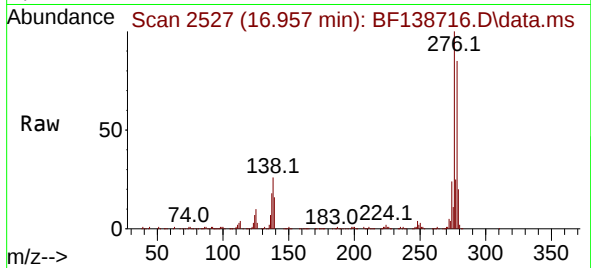
PB162312BS

Tgt Ion:276 Resp: 518849
Ion Ratio Lower Upper
276 100
138 25.9 21.8 32.8
277 25.2 20.6 30.8

Manual Integrations

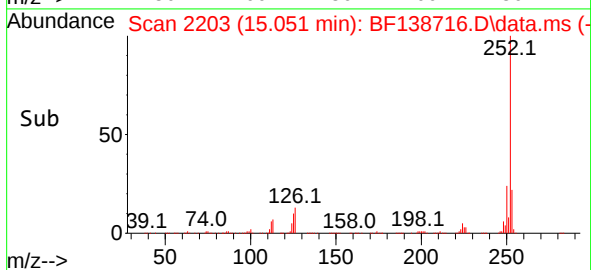
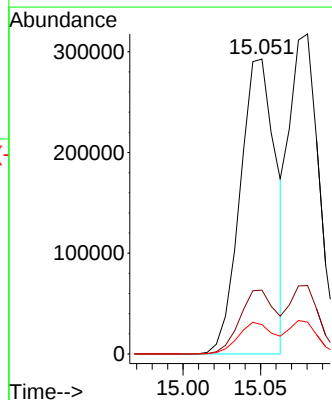
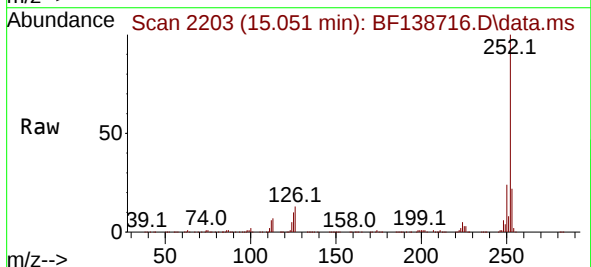
APPROVED

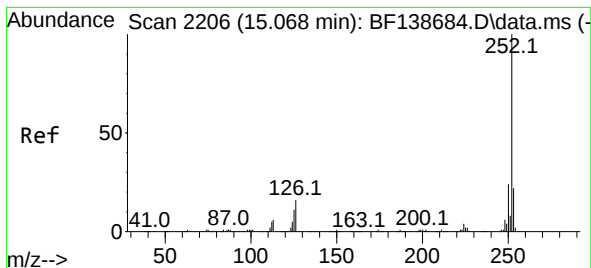
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#88
Benzo(b)fluoranthene
Concen: 47.204 ng
RT: 15.051 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF138716.D
Acq: 01 Aug 2024 10:45

Tgt Ion:252 Resp: 470078
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 48.675 ng

RT: 15.080 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

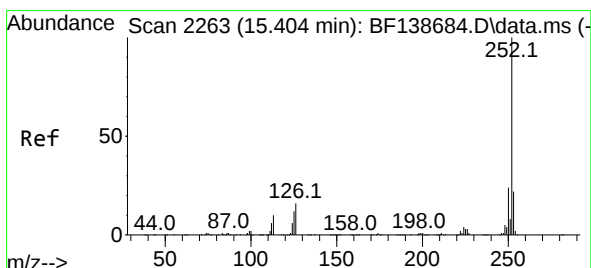
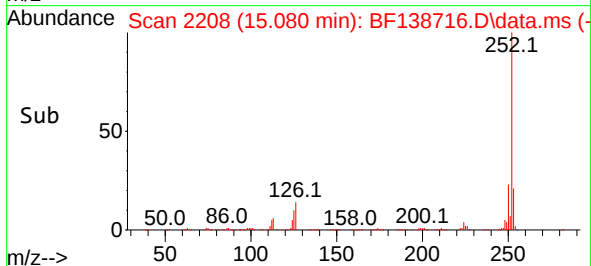
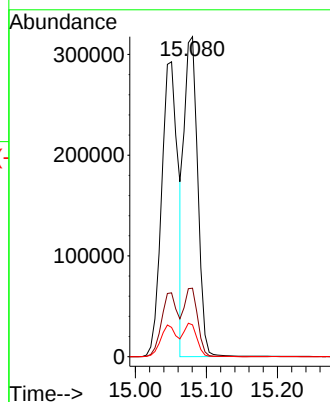
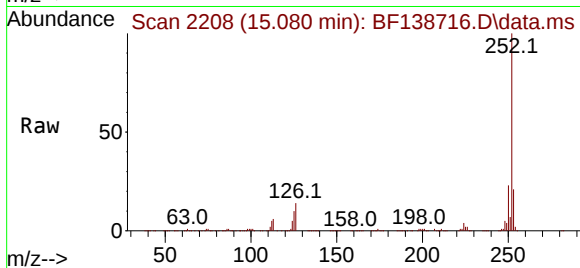
PB162312BS

Tgt Ion:252 Resp: 419684
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 9.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#90

Benzo(a)pyrene

Concen: 49.757 ng

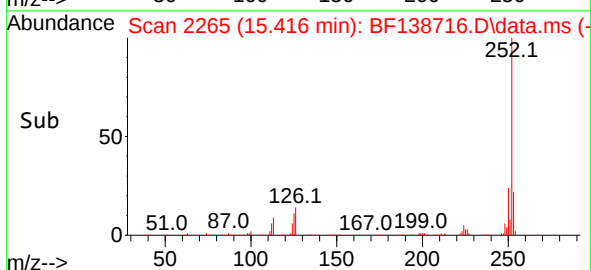
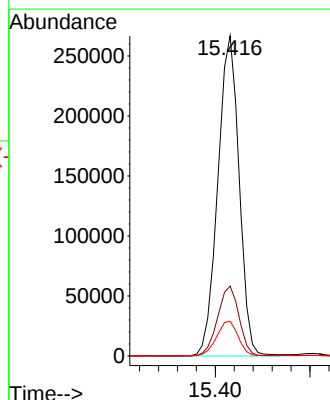
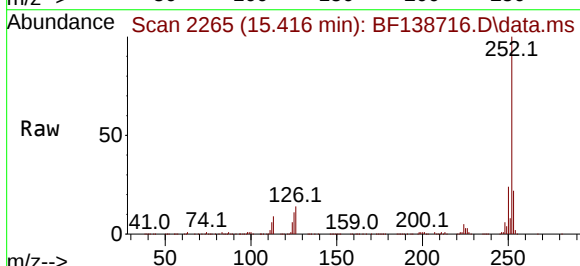
RT: 15.416 min Scan# 2265

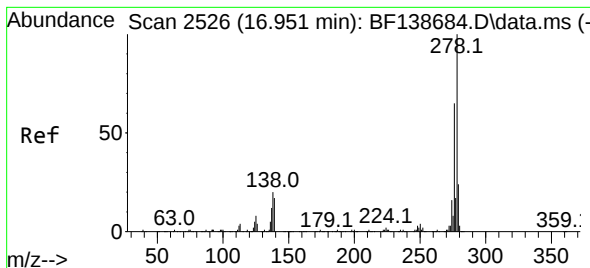
Delta R.T. 0.012 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Tgt Ion:252 Resp: 416781
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 10.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 43.868 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB162312BS

Tgt Ion:278 Resp: 41456

Ion Ratio Lower Upper

278 100

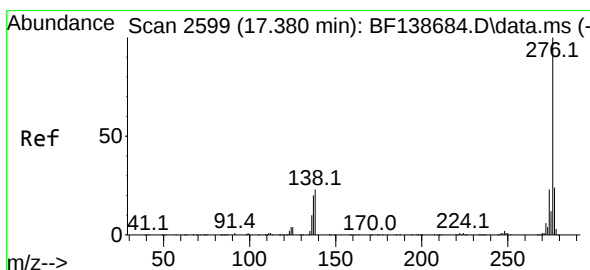
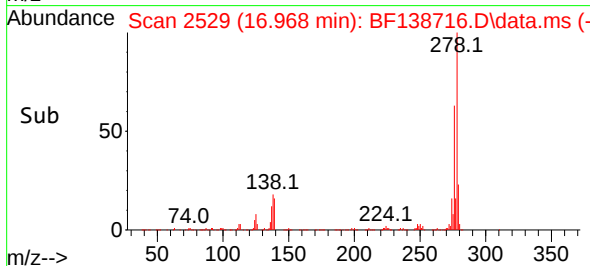
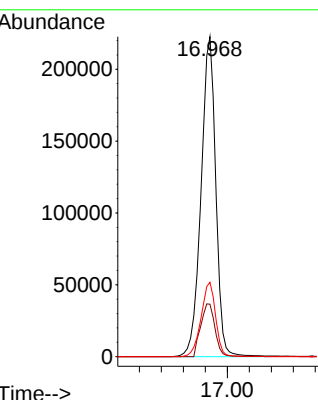
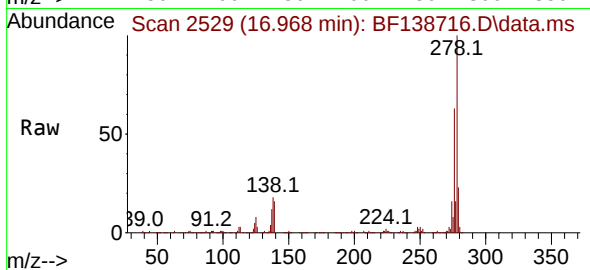
139 16.4 14.0 21.0

279 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#92

Benzo(g,h,i)perylene

Concen: 41.272 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF138716.D

Acq: 01 Aug 2024 10:45

Tgt Ion:276 Resp: 404734

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

138 22.6 18.5 27.7

