

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140267.D
 Acq On : 07 Nov 2024 11:48
 Operator : RC/JU
 Sample : P4693-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WCMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 12:28:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125684	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	490356	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	287196	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	534951	20.000	ng	0.00
76) Chrysene-d12	14.057	240	305568	20.000	ng	0.00
86) Perylene-d12	15.562	264	306803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	615108	81.105	ng	0.00
7) Phenol-d6	6.498	99	793952	81.389	ng	0.00
23) Nitrobenzene-d5	7.439	82	523596	53.089	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	259121	91.279	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	952510	52.959	ng	0.00
79) Terphenyl-d14	12.992	244	1135407	60.868	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	137051	39.306	ng	97
3) Pyridine	3.446	79	354878	41.712	ng	96
4) n-Nitrosodimethylamine	3.398	42	205401	41.816	ng	90
6) Aniline	6.539	93	473264	53.699	ng	98
8) 2-Chlorophenol	6.657	128	377914	47.624	ng	96
9) Benzaldehyde	6.428	77	56651	9.428	ng	97
10) Phenol	6.516	94	498119	48.080	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	355384	45.155	ng	97
12) 1,3-Dichlorobenzene	6.816	146	407650	43.838	ng	98
13) 1,4-Dichlorobenzene	6.892	146	413281	44.066	ng	99
14) 1,2-Dichlorobenzene	7.045	146	399427	45.599	ng	97
15) Benzyl Alcohol	7.016	79	352031	46.813	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	572408	44.932	ng	99
17) 2-Methylphenol	7.122	107	312093	47.147	ng	98
18) Hexachloroethane	7.386	117	152024	43.516	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	278298	44.719	ng	96
20) 3+4-Methylphenols	7.275	107	388880	46.776	ng	94
22) Acetophenone	7.286	105	519616	42.740	ng	# 91
24) Nitrobenzene	7.457	77	430861	41.634	ng	96
25) Isophorone	7.692	82	746326	43.947	ng	99
26) 2-Nitrophenol	7.775	139	193671	47.046	ng	97
27) 2,4-Dimethylphenol	7.804	122	308556	55.095	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	443547	43.645	ng	99
29) 2,4-Dichlorophenol	8.010	162	323647	46.713	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	344658	41.514	ng	99
31) Naphthalene	8.181	128	1102291	43.532	ng	99
32) Benzoic acid	7.916	122	215451	46.877	ng	95
33) 4-Chloroaniline	8.228	127	371043	44.510	ng	97
34) Hexachlorobutadiene	8.298	225	231904	41.267	ng	99
35) Caprolactam	8.592	113	108722m	51.585	ng	
36) 4-Chloro-3-methylphenol	8.704	107	352385	45.681	ng	96
37) 2-Methylnaphthalene	8.869	142	746741	45.187	ng	99
38) 1-Methylnaphthalene	8.969	142	688949	42.533	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	364398	43.341	ng	97
41) Hexachlorocyclopentadiene	9.022	237	418893	177.802	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	241070	46.270	ng	100

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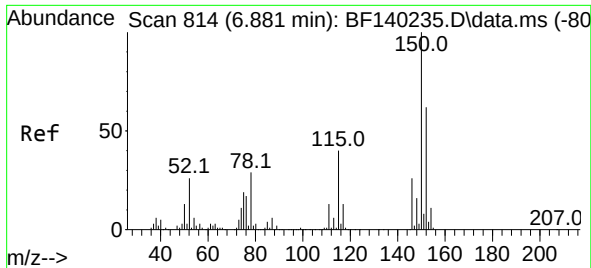
Manual Integrations
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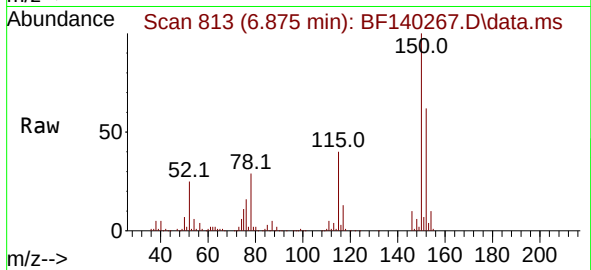
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	249454	45.536	ng	97
46) 1,1'-Biphenyl	9.333	154	910506	43.861	ng	100
47) 2-Chloronaphthalene	9.363	162	681051	43.589	ng	99
48) 2-Nitroaniline	9.457	65	242840	46.475	ng	94
49) Acenaphthylene	9.780	152	1076472	48.664	ng	100
50) Dimethylphthalate	9.639	163	828354	46.833	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190972	45.934	ng	97
52) Acenaphthene	9.951	154	822001	52.391	ng	98
53) 3-Nitroaniline	9.869	138	168875	43.137	ng	97
54) 2,4-Dinitrophenol	9.975	184	223180	107.131	ng	92
55) Dibenzofuran	10.122	168	1024598	46.701	ng	99
56) 4-Nitrophenol	10.027	139	303768	110.357	ng	98
57) 2,4-Dinitrotoluene	10.104	165	261357	48.443	ng	94
58) Fluorene	10.469	166	795813	45.568	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	227015	50.586	ng	97
60) Diethylphthalate	10.339	149	826166	47.004	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	394805	44.855	ng	98
62) 4-Nitroaniline	10.486	138	193613	49.767	ng	97
63) Azobenzene	10.622	77	888546	48.767	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	151562	53.945	ng	94
66) n-Nitrosodiphenylamine	10.580	169	694702	45.151	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	259912	45.119	ng	98
68) Hexachlorobenzene	11.016	284	294817	44.899	ng	95
69) Atrazine	11.104	200	255613	60.723	ng	98
70) Pentachlorophenol	11.210	266	338425	95.983	ng	99
71) Phenanthrene	11.433	178	1195885	46.843	ng	100
72) Anthracene	11.486	178	1211576	48.398	ng	99
73) Carbazole	11.639	167	1067335	46.662	ng	99
74) Di-n-butylphthalate	11.969	149	1288889	47.603	ng	99
75) Fluoranthene	12.621	202	1217570	45.611	ng	100
77) Benzidine	12.745	184	655634	109.741	ng	99
78) Pyrene	12.851	202	1218901	48.312	ng	99
80) Butylbenzylphthalate	13.468	149	456427	50.240	ng	96
81) Benzo(a)anthracene	14.045	228	949181	48.403	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	274724	44.611	ng	99
83) Chrysene	14.086	228	820280	44.668	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	591398	46.446	ng	99
85) Di-n-octyl phthalate	14.668	149	861527	44.953	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	835462	46.391	ng	100
88) Benzo(b)fluoranthene	15.127	252	839860	45.256	ng	99
89) Benzo(k)fluoranthene	15.157	252	780922	45.859	ng	99
90) Benzo(a)pyrene	15.498	252	761964	49.799	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	682867	46.088	ng	100
92) Benzo(g,h,i)perylene	17.527	276	604337	39.983	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

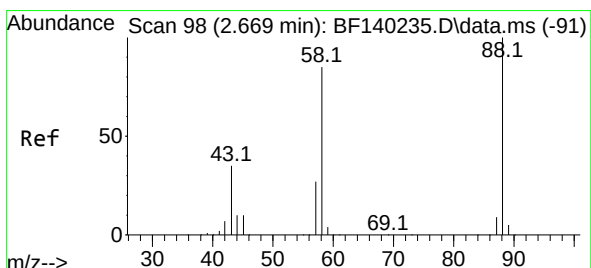
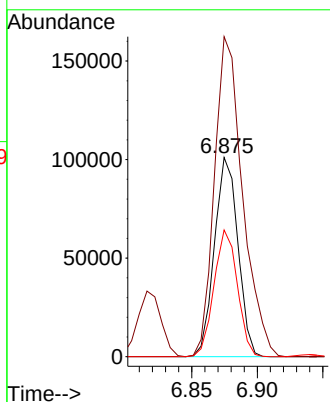
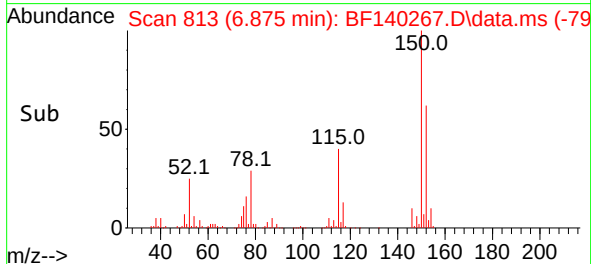
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:152 Resp: 125684
Ion Ratio Lower Upper
152 100
150 160.7 129.4 194.2
115 63.6 51.5 77.3

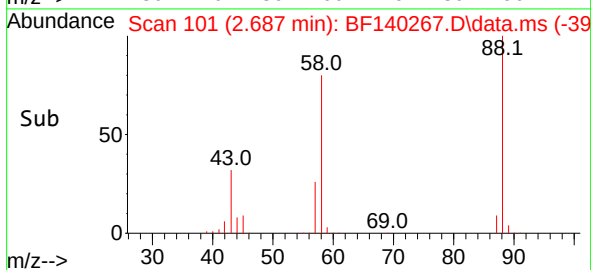
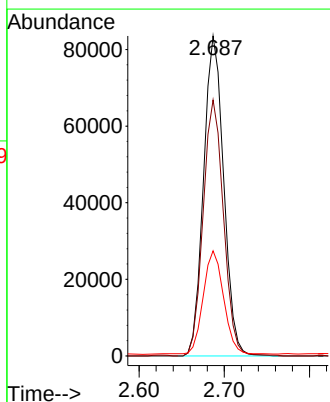
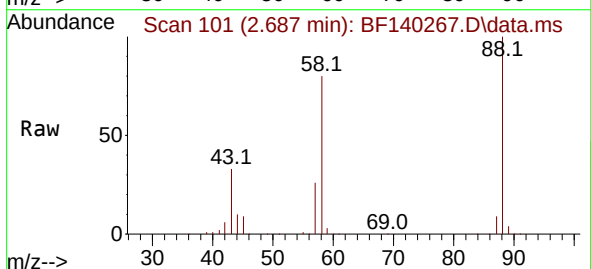
Manual Integrations
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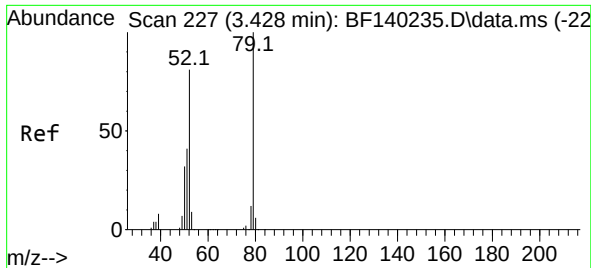
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#2
1,4-Dioxane
Concen: 39.306 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.018 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion: 88 Resp: 137051
Ion Ratio Lower Upper
88 100
58 80.9 66.7 100.1
43 32.5 27.8 41.8





#3

Pyridine

Concen: 41.712 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

Tgt Ion: 79 Resp: 354878

Ion Ratio Lower Upper

79 100

52 76.2 64.6 97.0

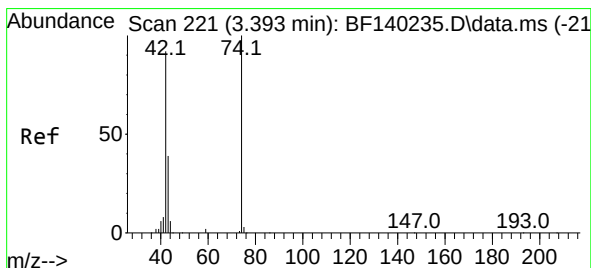
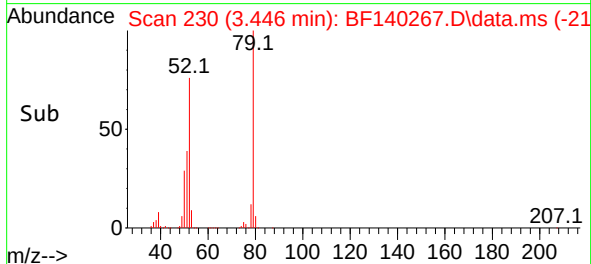
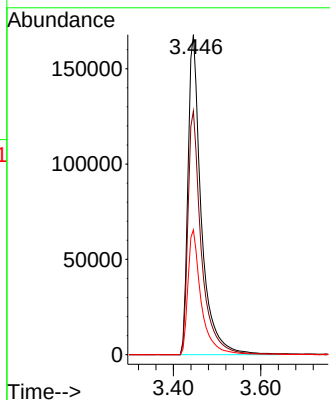
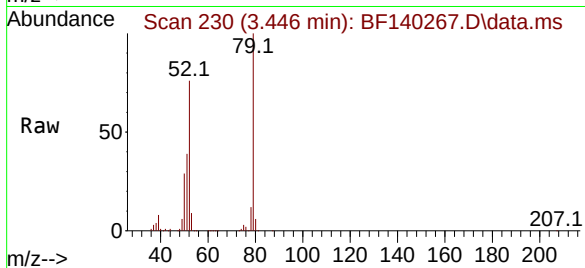
51 39.0 32.5 48.7

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2024



#4

n-Nitrosodimethylamine

Concen: 41.816 ng

RT: 3.398 min Scan# 222

Delta R.T. 0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

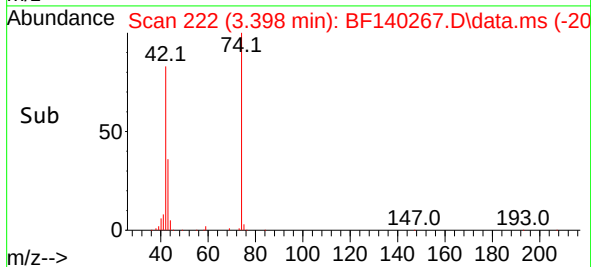
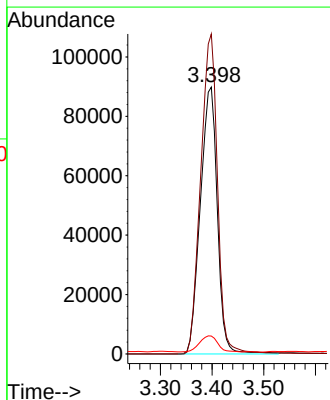
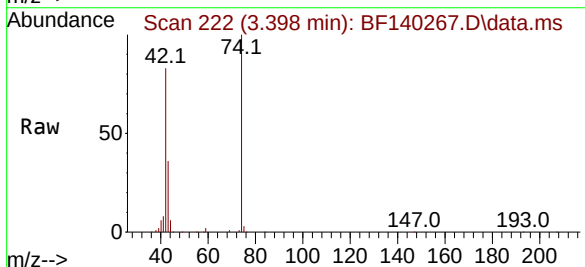
Tgt Ion: 42 Resp: 205401

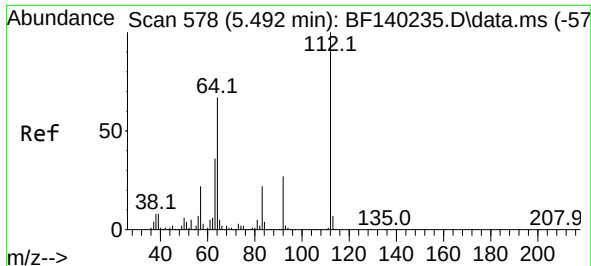
Ion Ratio Lower Upper

42 100

74 119.9 86.9 130.3

44 6.7 5.0 7.6





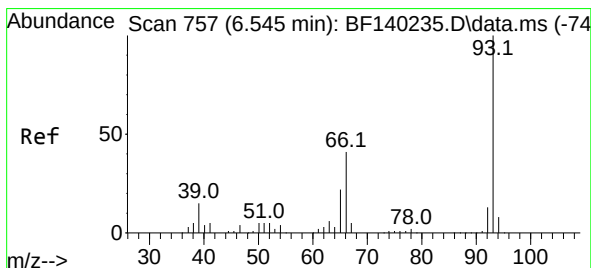
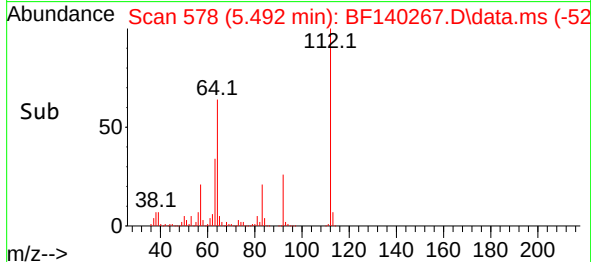
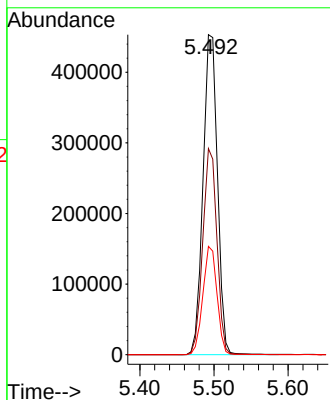
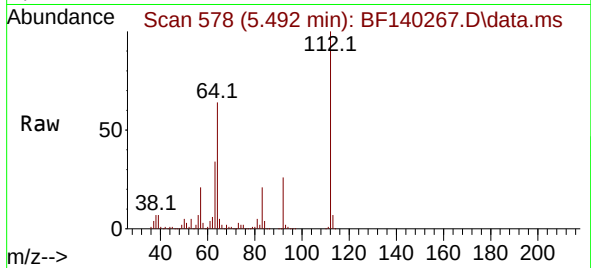
#5
2-Fluorophenol
Concen: 81.105 ng
RT: 5.492 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Tgt Ion:112 Resp: 615108
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 33.9 28.9 43.3

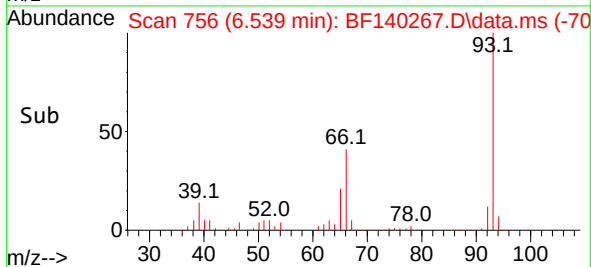
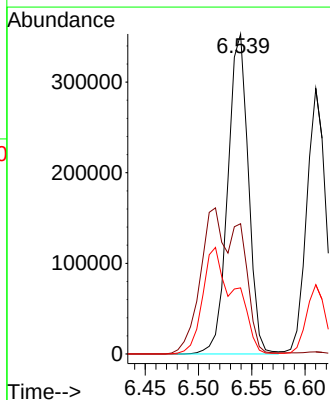
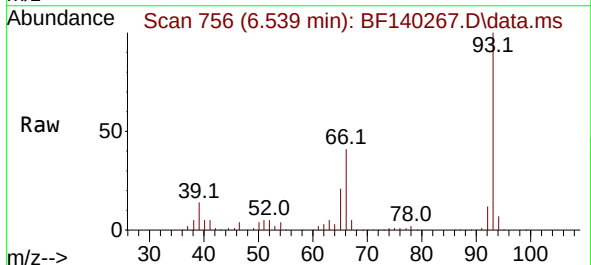
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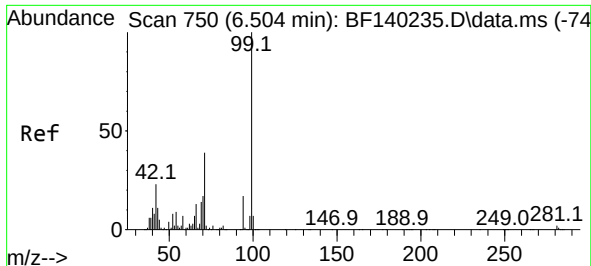
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#6
Aniline
Concen: 53.699 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

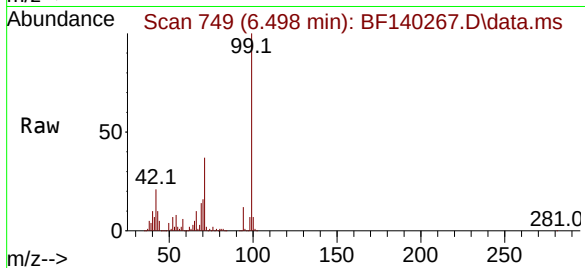
Tgt Ion: 93 Resp: 473264
Ion Ratio Lower Upper
93 100
66 40.7 33.6 50.4
65 20.6 17.5 26.3





#7
Phenol-d6
Concen: 81.389 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

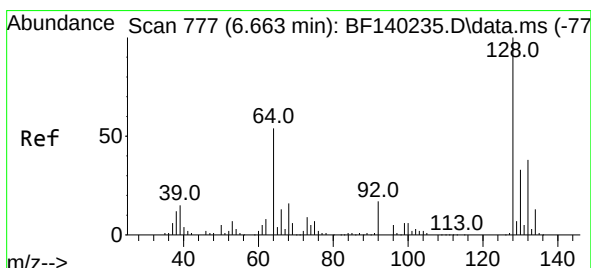
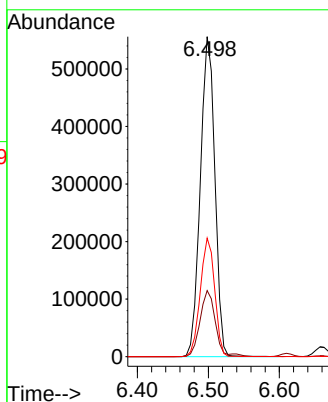
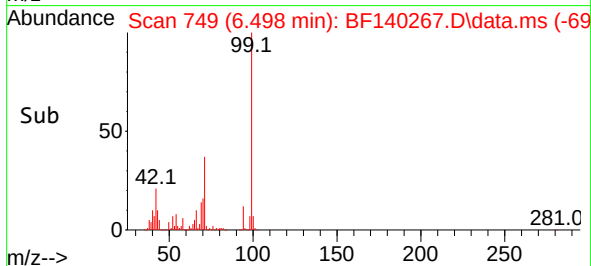
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



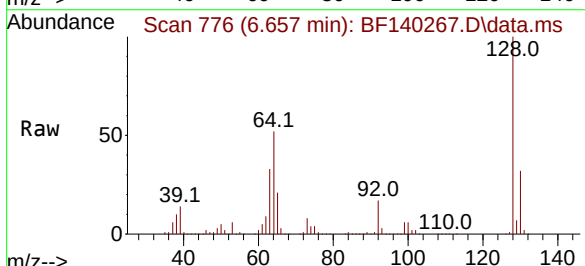
Tgt Ion: 99 Resp: 793952
Ion Ratio Lower Upper
99 100
42 20.6 18.2 27.2
71 37.1 30.9 46.3

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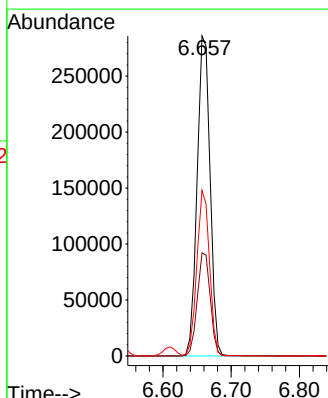
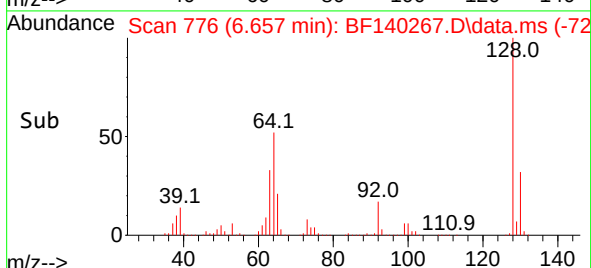
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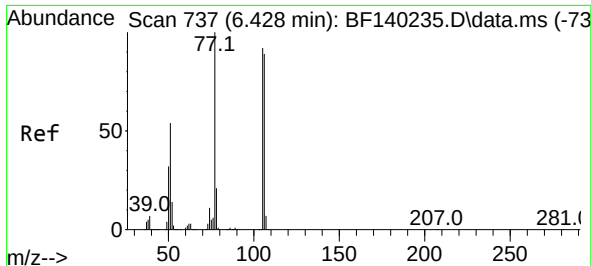


#8
2-Chlorophenol
Concen: 47.624 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



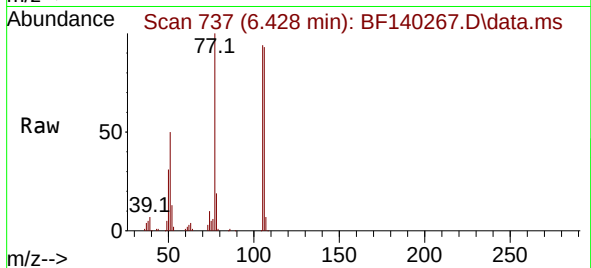
Tgt Ion:128 Resp: 377914
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 51.7 36.3 76.3





#9
Benzaldehyde
Concen: 9.428 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

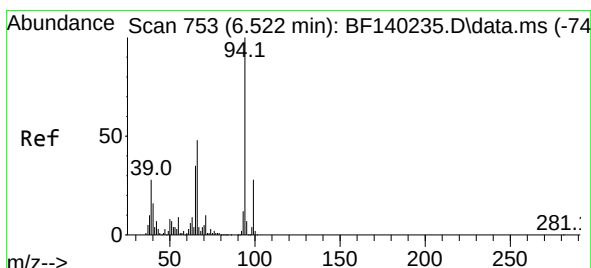
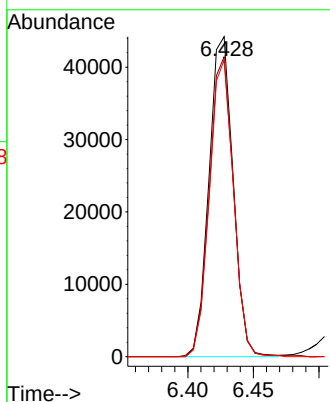
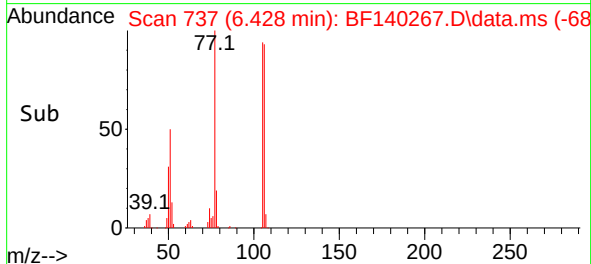
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



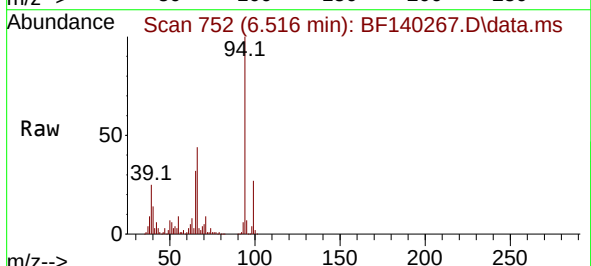
Tgt Ion: 77 Resp: 5665
Ion Ratio Lower Upper
77 100
105 93.7 72.1 112.1
106 92.7 68.8 108.8

Manual Integrations
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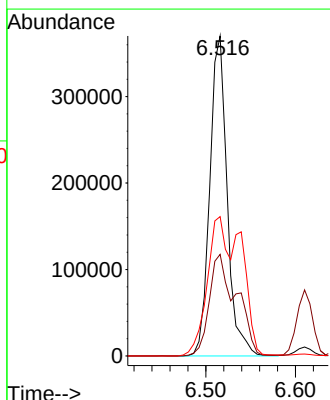
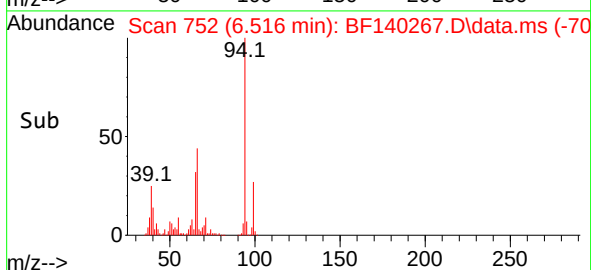
Reviewed By :Yogesh Patel 11/08/2024
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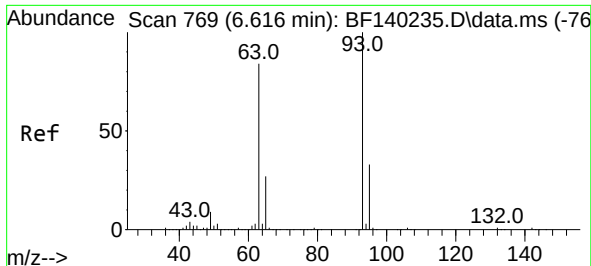


#10
Phenol
Concen: 48.080 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



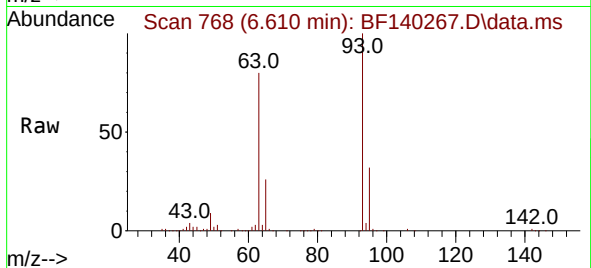
Tgt Ion: 94 Resp: 498119
Ion Ratio Lower Upper
94 100
65 31.8 15.1 55.1
66 43.6 28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 45.155 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

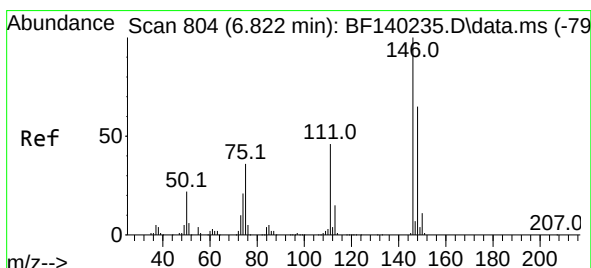
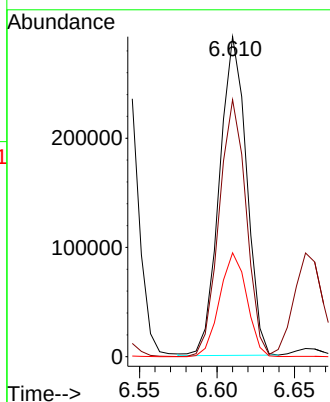
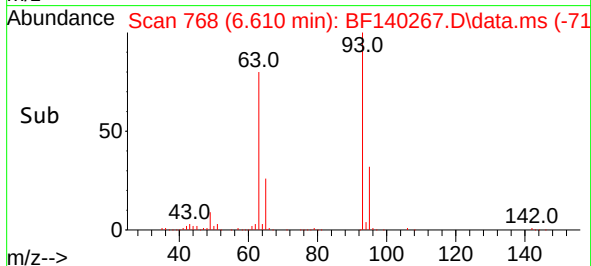
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



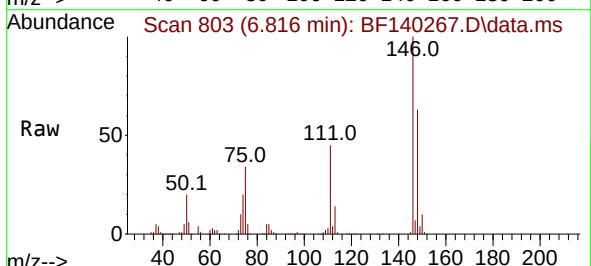
Tgt Ion: 93 Resp: 355384
Ion Ratio Lower Upper
93 100
63 80.3 63.6 103.6
95 32.5 12.7 52.7

Manual Integrations
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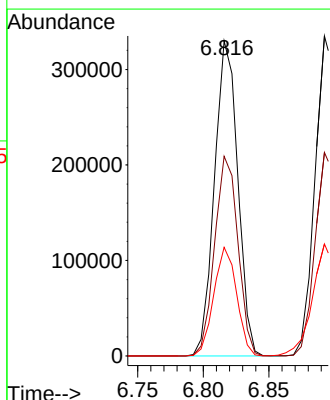
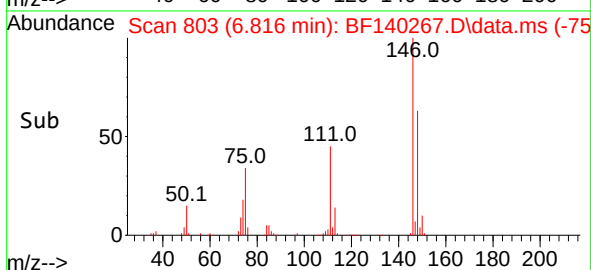
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

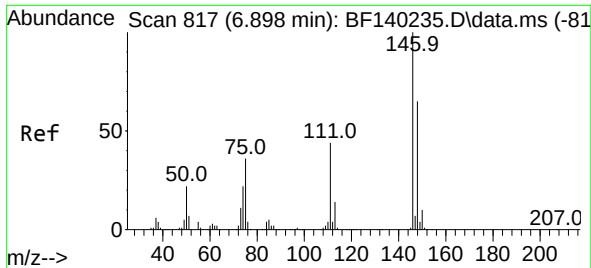


#12
1,3-Dichlorobenzene
Concen: 43.838 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:146 Resp: 407650
Ion Ratio Lower Upper
146 100
148 63.4 51.7 77.5
75 34.5 28.4 42.6





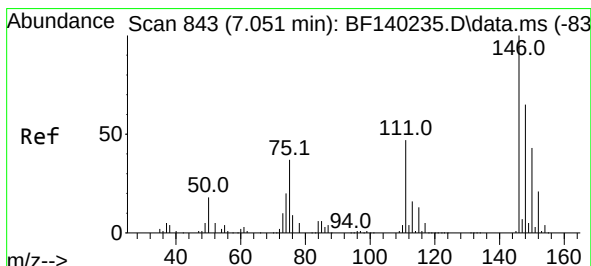
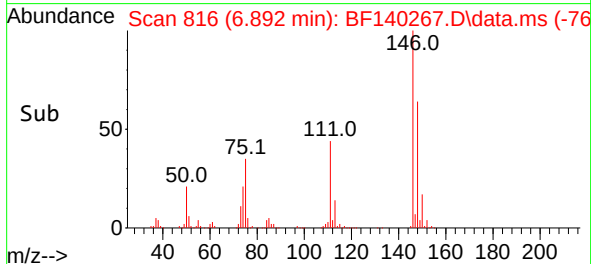
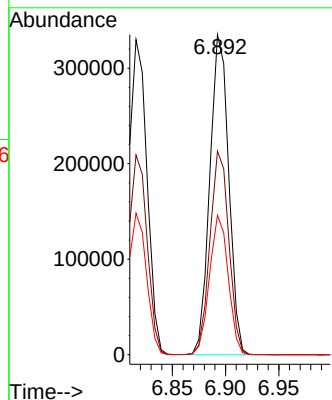
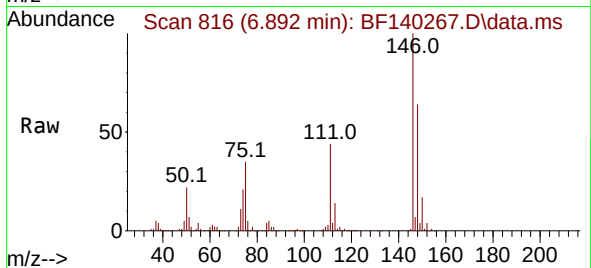
#13
1,4-Dichlorobenzene
Concen: 44.066 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Tgt Ion:146 Resp: 41328
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 43.6 35.4 53.2

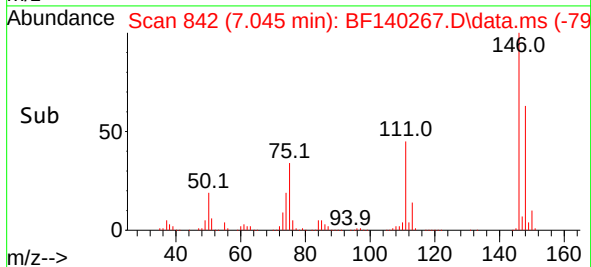
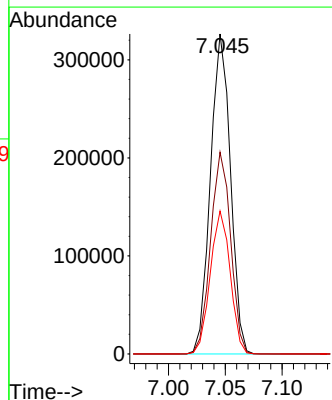
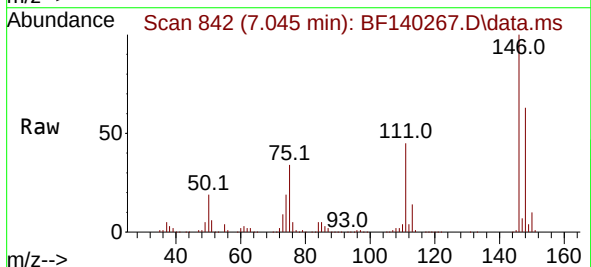
Manual Integrations
APPROVED

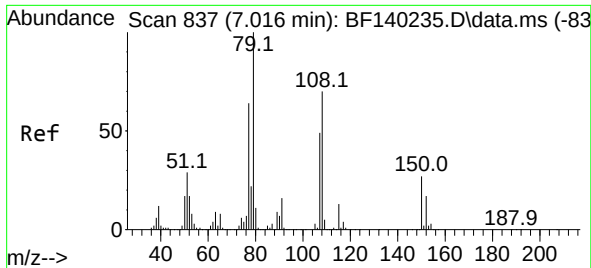
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#14
1,2-Dichlorobenzene
Concen: 45.599 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:146 Resp: 399427
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
111 44.6 37.9 56.9





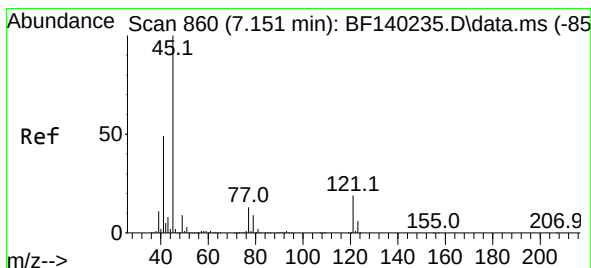
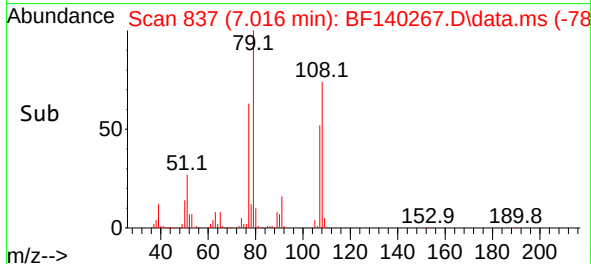
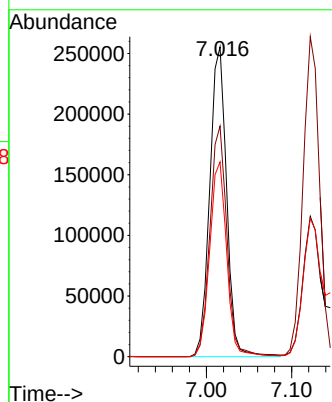
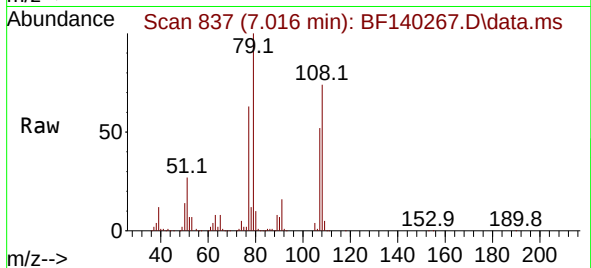
#15
Benzyl Alcohol
Concen: 46.813 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Tgt Ion: 79 Resp: 35203
Ion Ratio Lower Upper
79 100
108 74.4 55.8 83.6
77 62.8 51.1 76.7

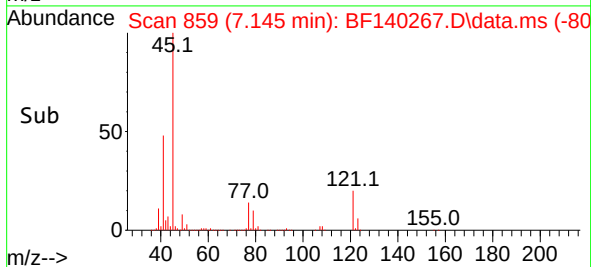
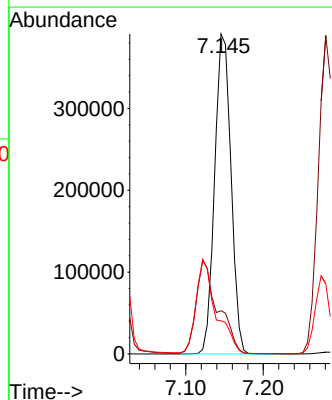
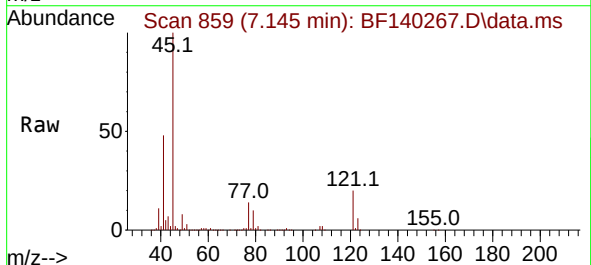
Manual Integrations
APPROVED

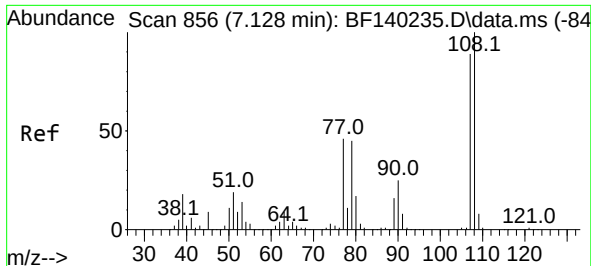
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.932 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion: 45 Resp: 572408
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.3
79 10.3 0.0 29.9





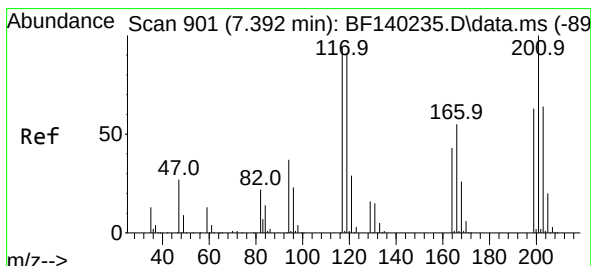
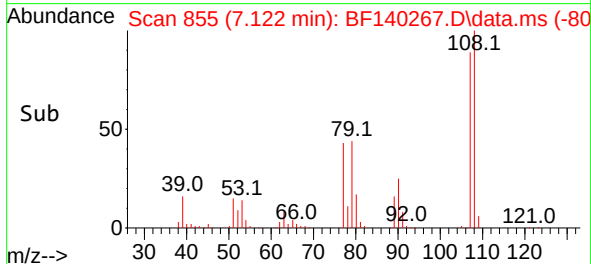
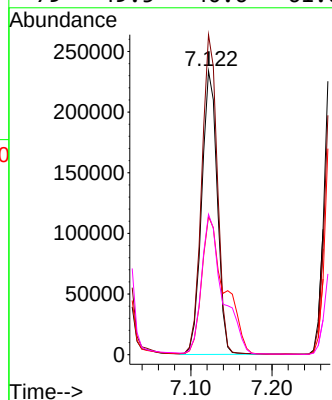
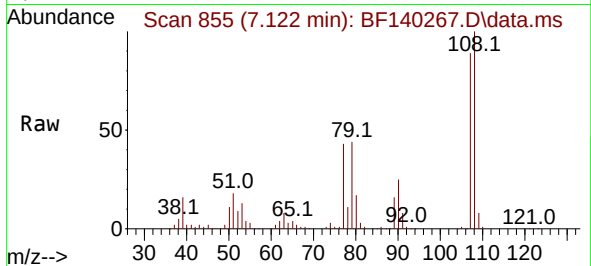
#17
2-Methylphenol
Concen: 47.147 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Tgt Ion:107 Resp: 31209
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 48.7 41.8 62.6
79 49.5 40.6 61.0

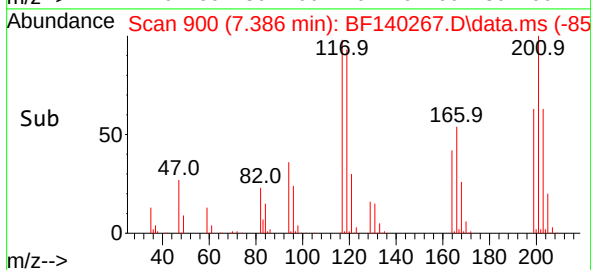
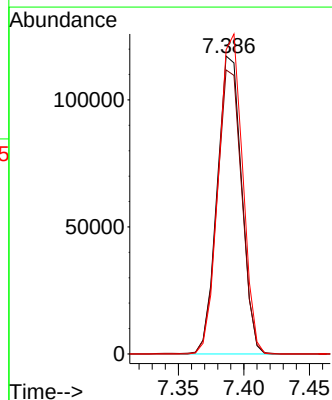
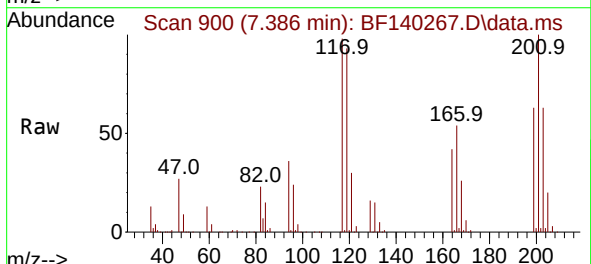
Manual Integrations
APPROVED

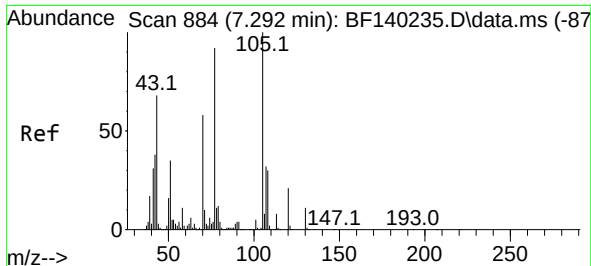
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 43.516 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:117 Resp: 152024
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
201 102.1 85.1 127.7





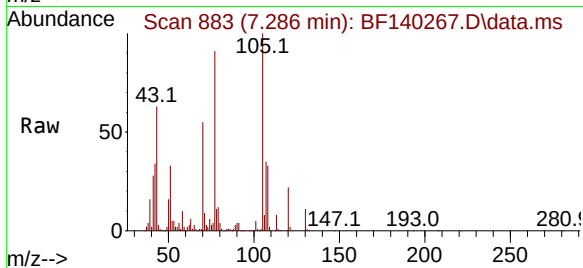
#19
n-Nitroso-di-n-propylamine
Concen: 44.719 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

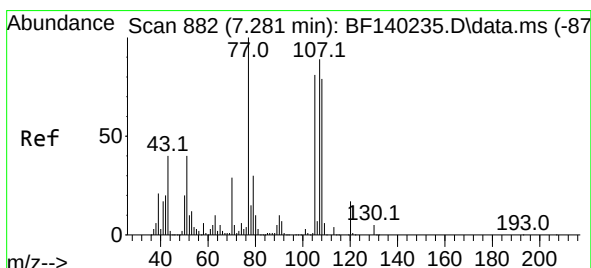
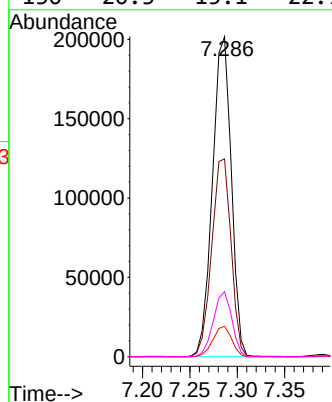
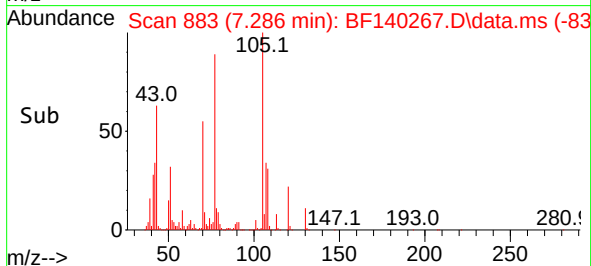


Tgt Ion: 70 Resp: 278298
Ion Ratio Lower Upper
70 100
42 61.8 52.8 79.2
101 9.5 7.4 11.2
130 20.3 15.1 22.7

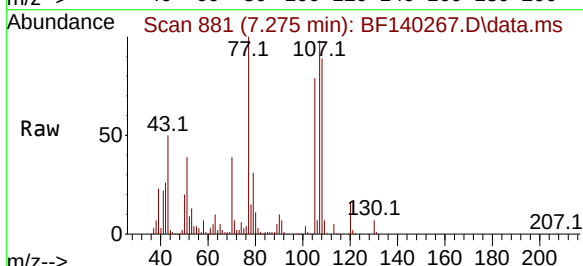
Manual Integrations

APPROVED

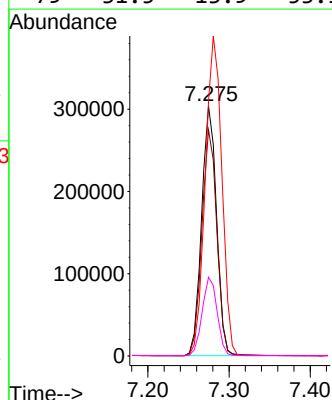
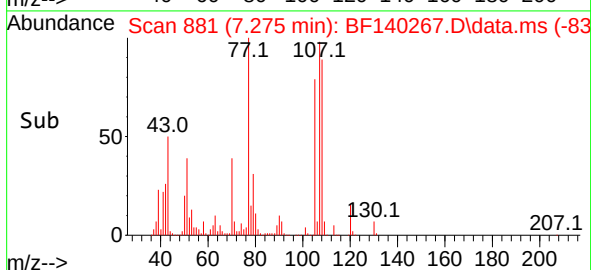
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

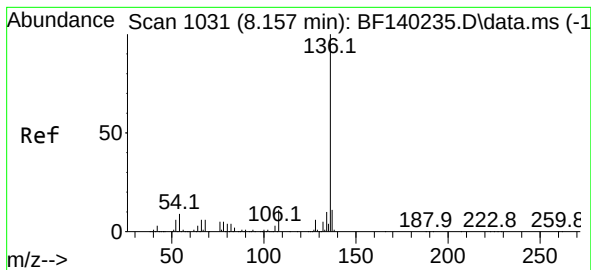


#20
3+4-Methylphenols
Concen: 46.776 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:107 Resp: 388880
Ion Ratio Lower Upper
107 100
108 90.4 69.4 109.4
77 101.7 92.7 132.7
79 31.5 13.9 53.9





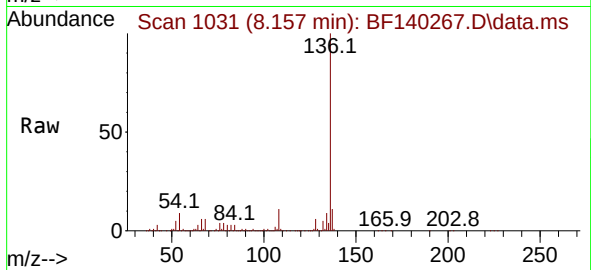
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



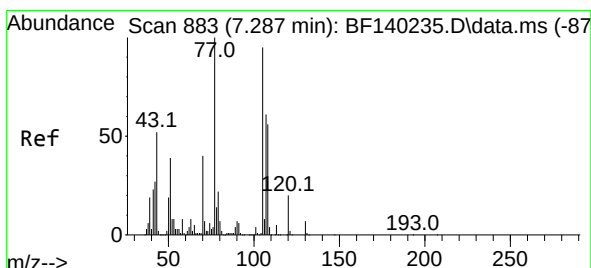
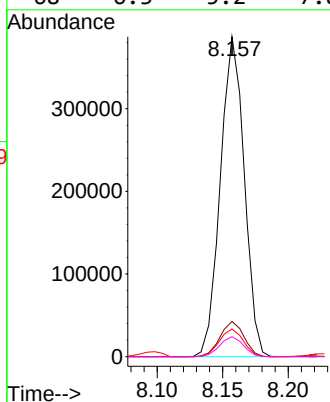
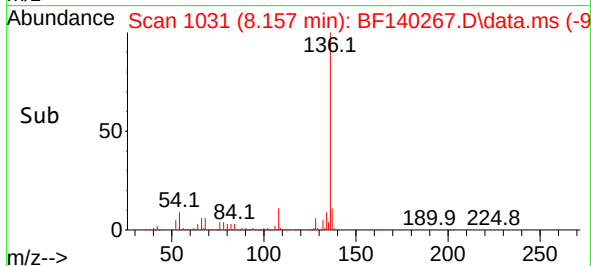
Tgt Ion:136 Resp: 490350
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.7 7.7 11.5
68 6.3 5.2 7.8

Manual Integrations

APPROVED

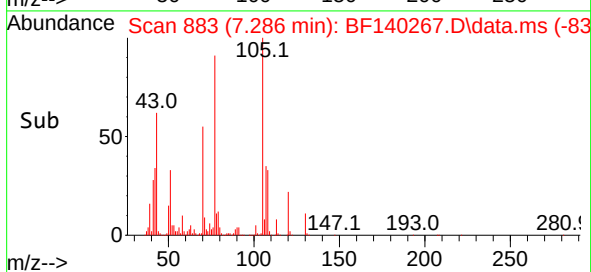
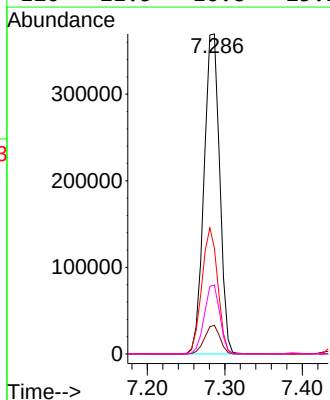
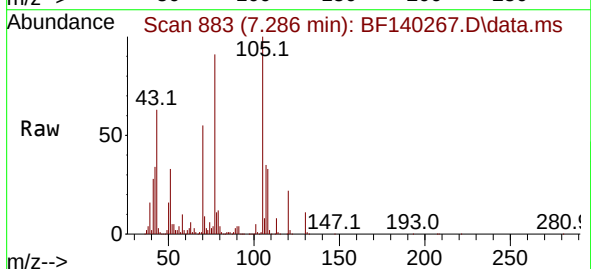
Reviewed By :Yogesh Patel 11/08/2024

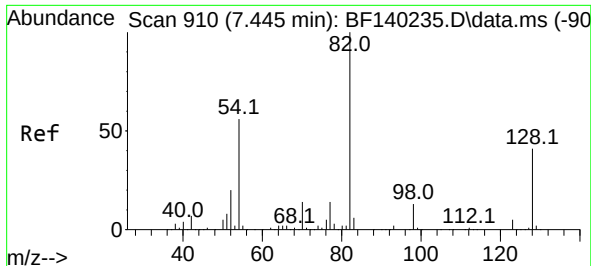
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 42.740 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:105 Resp: 519616
Ion Ratio Lower Upper
105 100
71 8.9 5.6 8.4#
51 33.2 33.2 49.8#
120 21.5 16.8 25.2





#23

Nitrobenzene-d5

Concen: 53.089 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

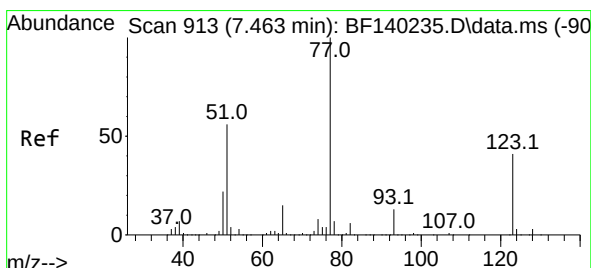
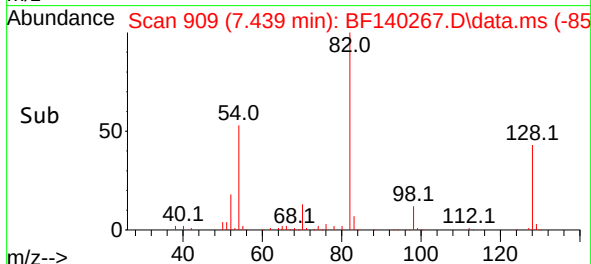
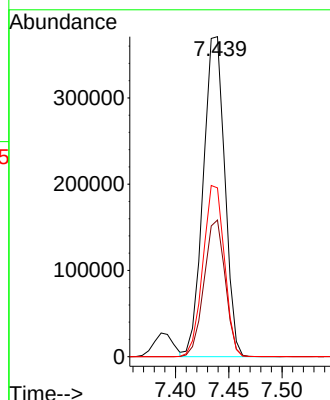
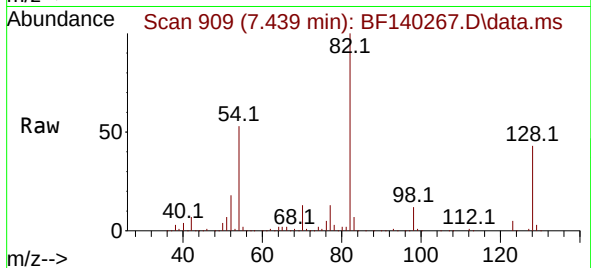
BP-G4-WCMSD

Tgt Ion: 82 Resp: 523590
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.8 49.2
 54 52.7 44.3 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#24

Nitrobenzene

Concen: 41.634 ng

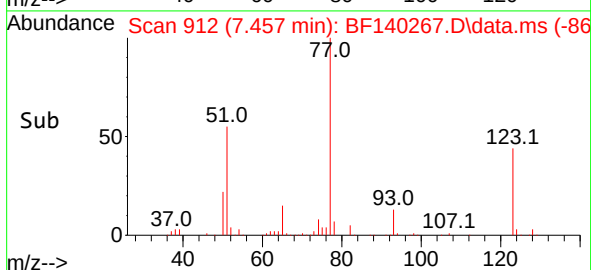
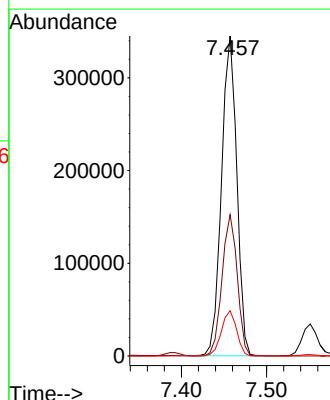
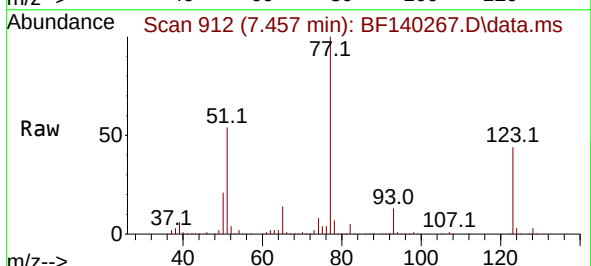
RT: 7.457 min Scan# 912

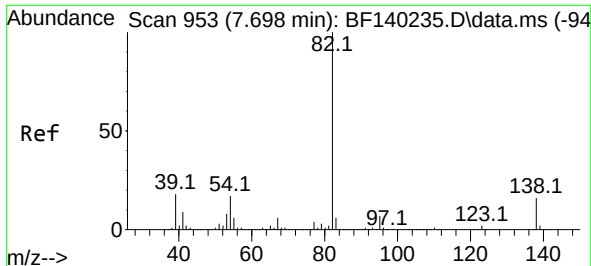
Delta R.T. -0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Tgt Ion: 77 Resp: 430861
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.0 49.4
 65 14.2 11.7 17.5





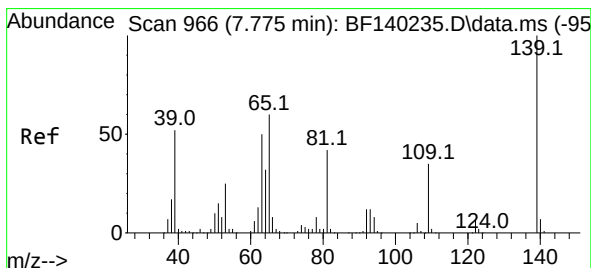
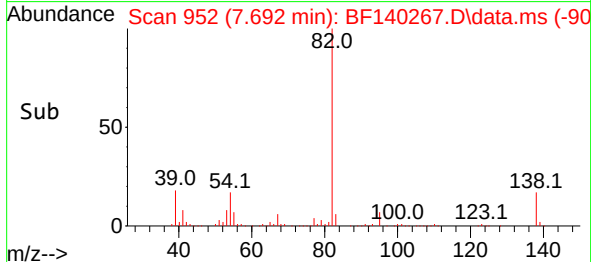
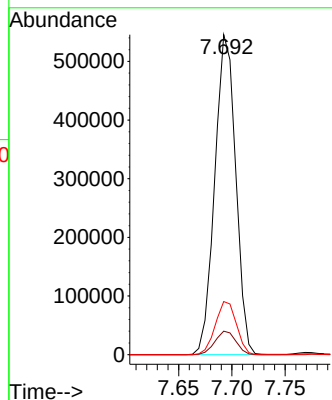
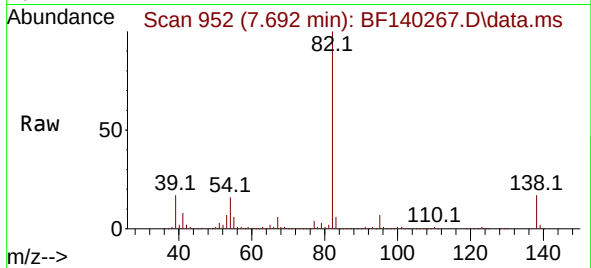
#25
Isophorone
Concen: 43.947 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Tgt Ion: 82 Resp: 746320
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.6 12.9 19.3

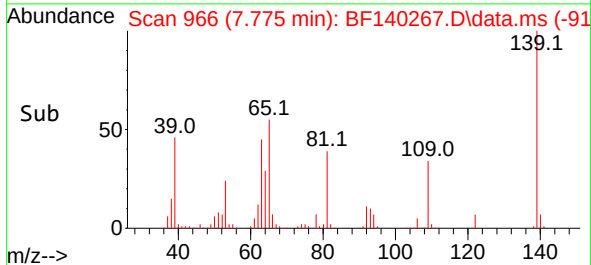
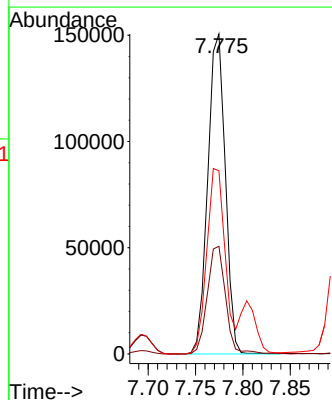
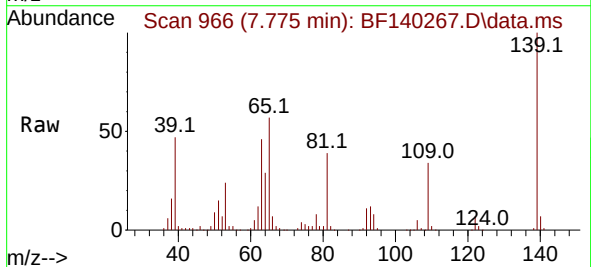
Manual Integrations
APPROVED

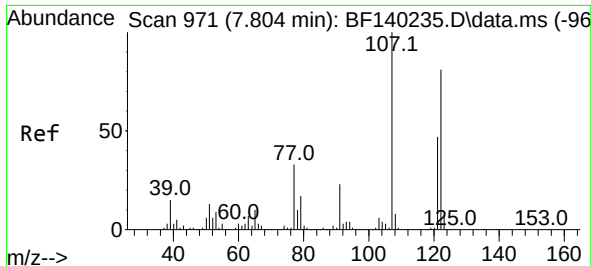
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#26
2-Nitrophenol
Concen: 47.046 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:139 Resp: 193671
Ion Ratio Lower Upper
139 100
109 33.6 27.8 41.8
65 57.3 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 55.095 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

Tgt Ion:122 Resp: 308550

Ion Ratio Lower Upper

122 100

107 118.9 99.4 149.0

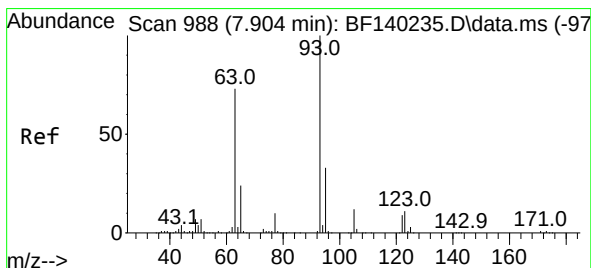
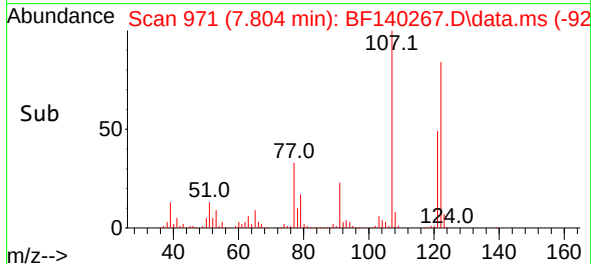
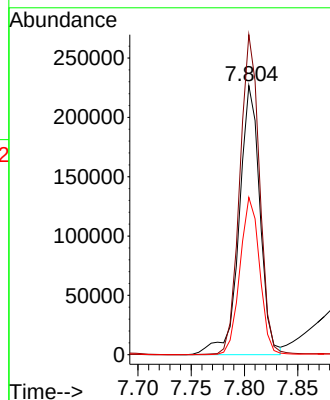
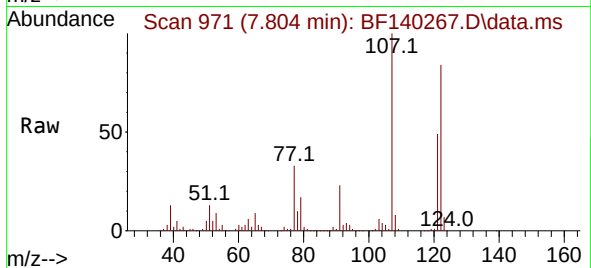
121 58.5 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.645 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

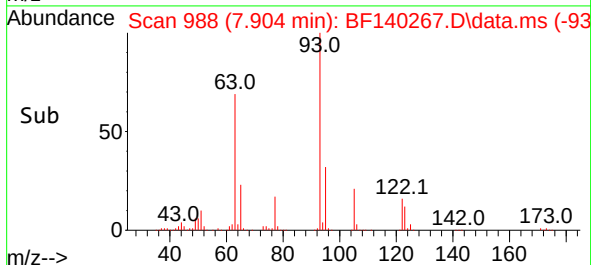
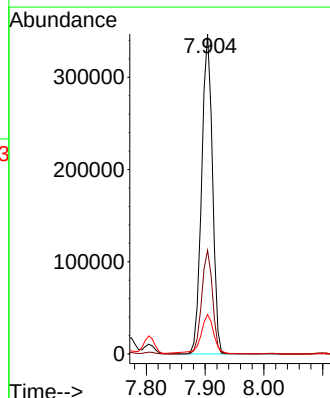
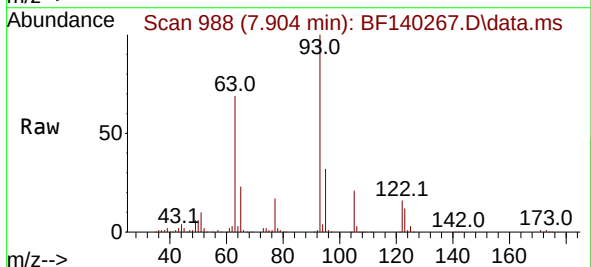
Tgt Ion: 93 Resp: 443547

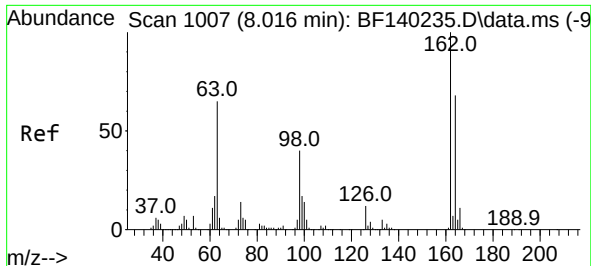
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 12.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.713 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

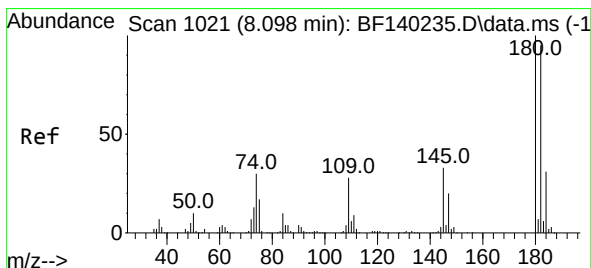
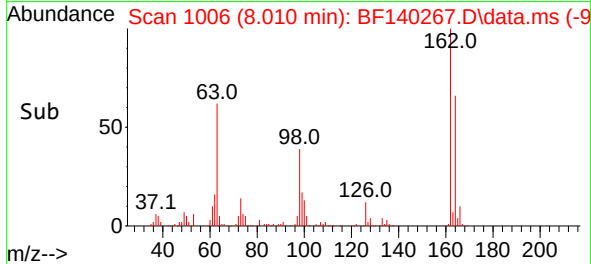
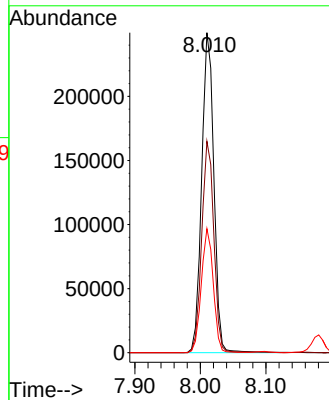
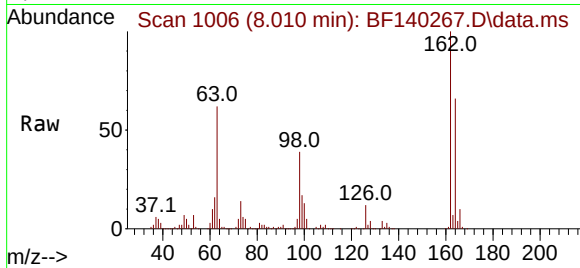
Tgt Ion:162 Resp: 32364
 Ion Ratio Lower Upper
 162 100
 164 66.0 47.5 87.5
 98 38.7 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.514 ng

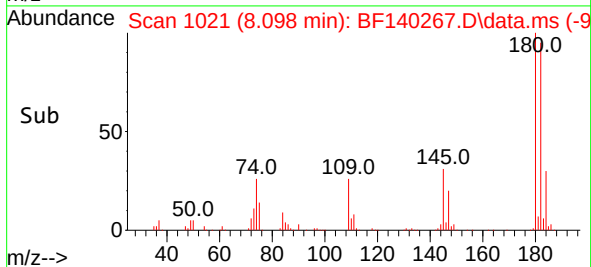
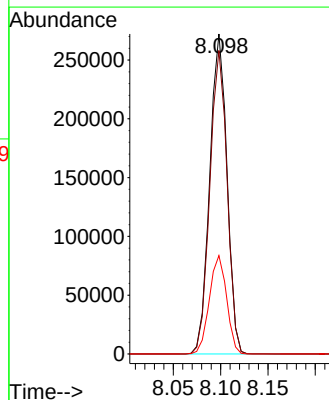
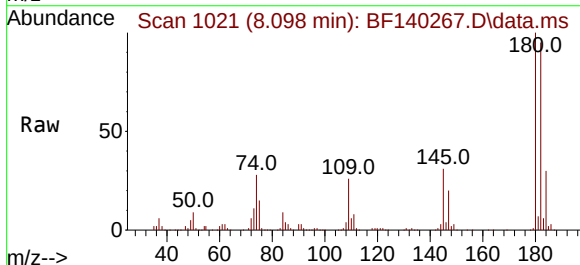
RT: 8.098 min Scan# 1021

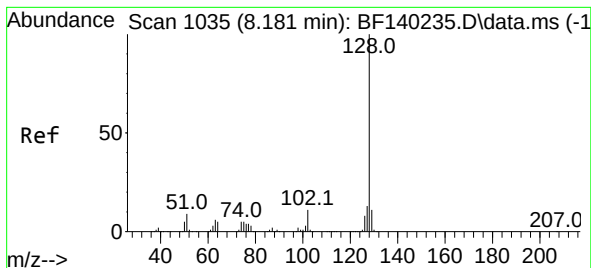
Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

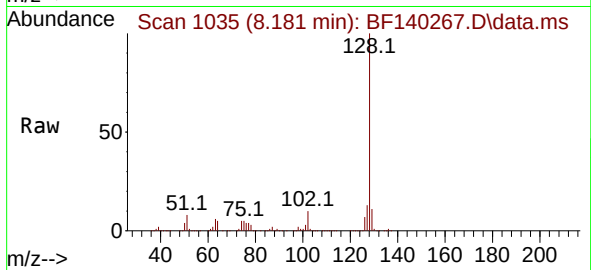
Tgt Ion:180 Resp: 344658
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.8 26.1 39.1





#31
Naphthalene
Concen: 43.532 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

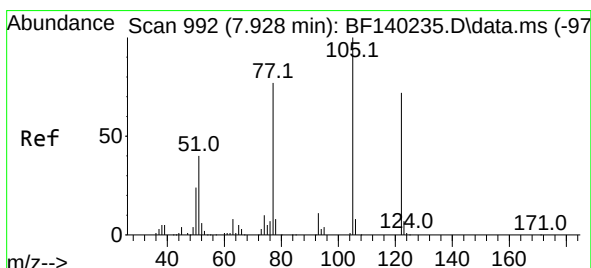
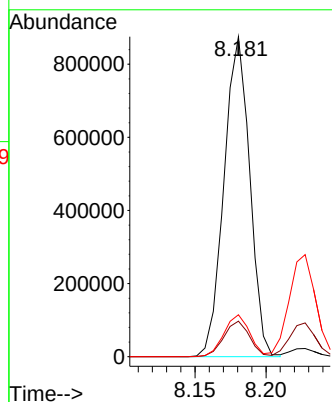
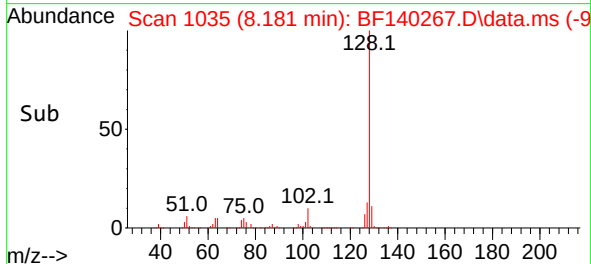
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:128 Resp: 110229
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.7 16.1

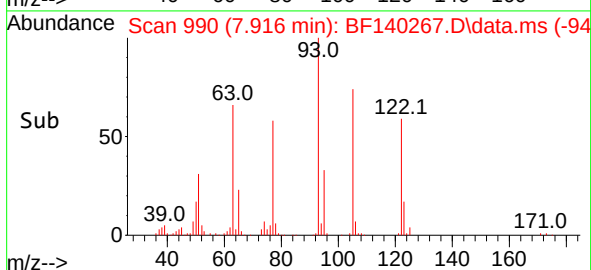
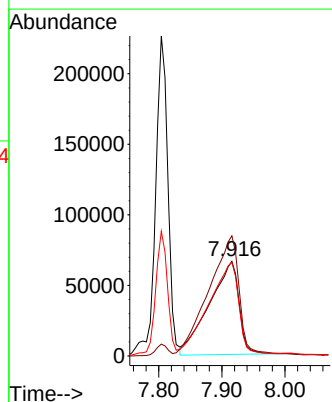
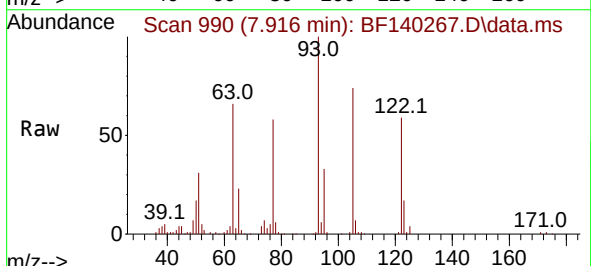
Manual Integrations
APPROVED

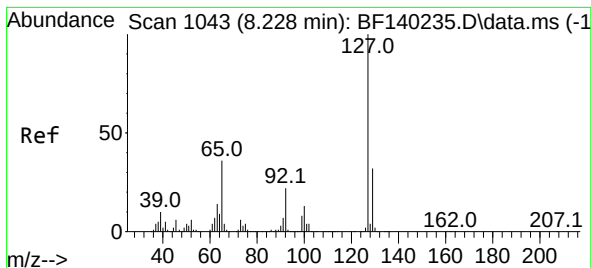
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 46.877 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:122 Resp: 215451
Ion Ratio Lower Upper
122 100
105 127.0 112.6 152.6
77 98.9 84.3 124.3





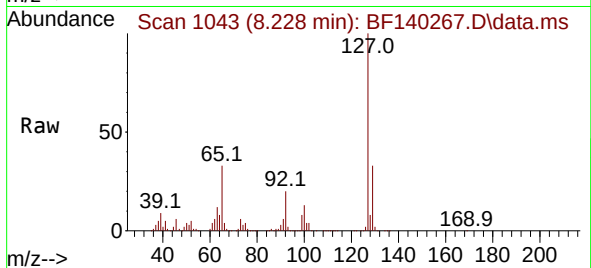
#33
4-Chloroaniline
Concen: 44.510 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



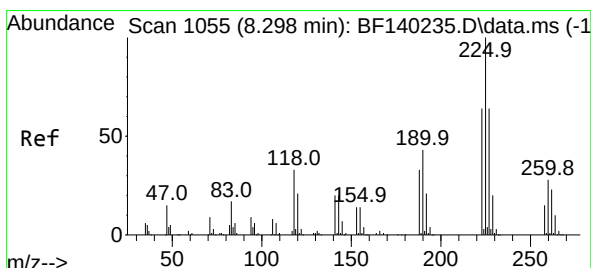
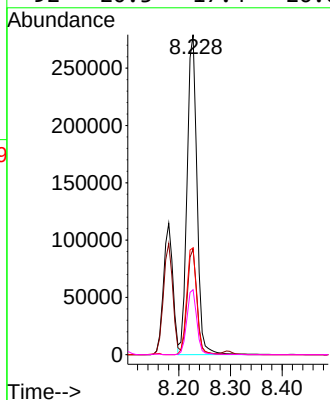
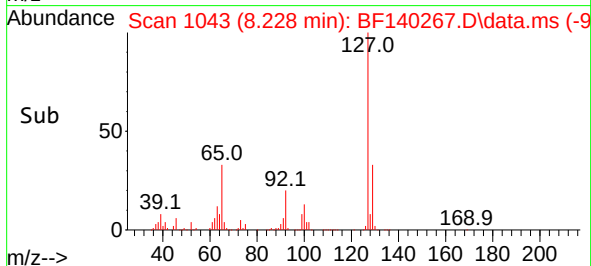
Tgt Ion:127 Resp: 37104
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.6
65 33.4 29.0 43.6
92 20.3 17.4 26.0

Manual Integrations

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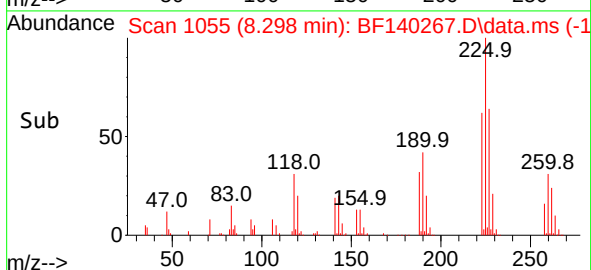
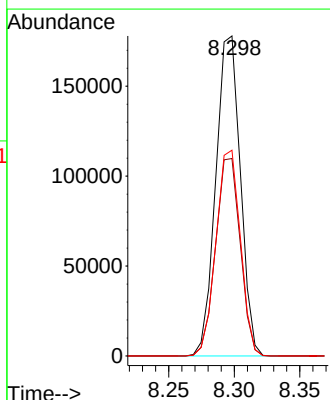
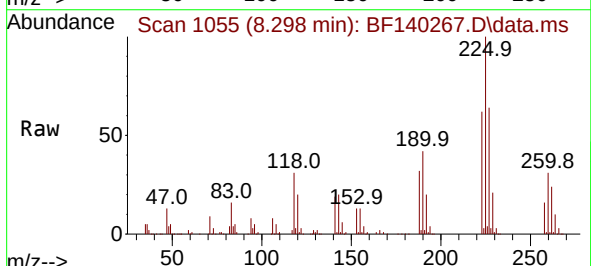
Reviewed By :Yogesh Patel 11/08/2024

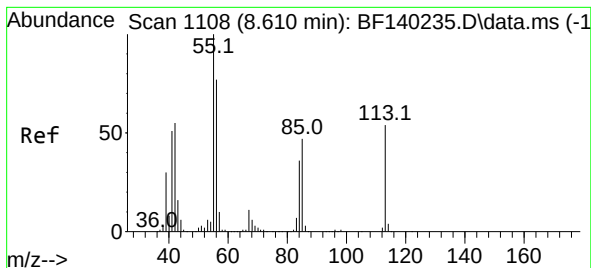
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 41.267 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:225 Resp: 231904
Ion Ratio Lower Upper
225 100
223 61.7 50.8 76.2
227 64.3 51.0 76.6





#35

Caprolactam

Concen: 51.585 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

Tgt Ion:113 Resp: 10872

Ion Ratio Lower Upper

113 100

55 176.1 165.2 205.2

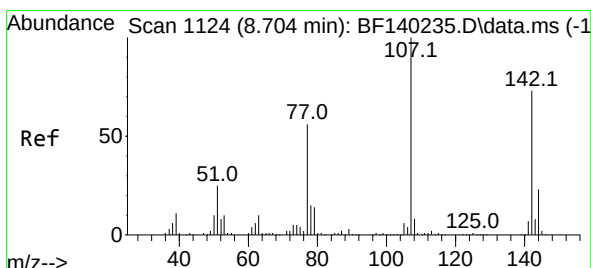
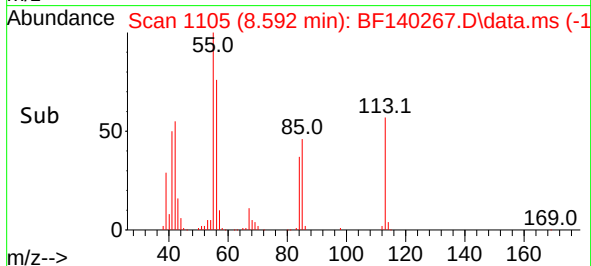
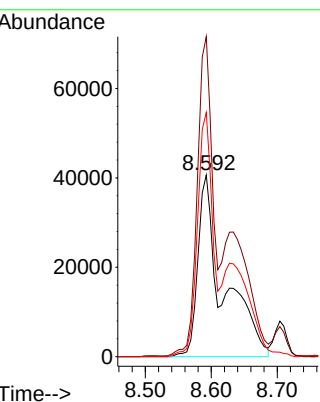
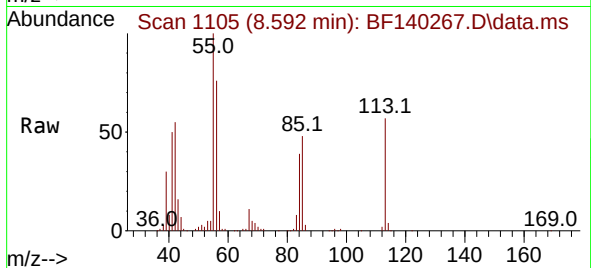
56 134.3 122.1 162.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#36

4-Chloro-3-methylphenol

Concen: 45.681 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

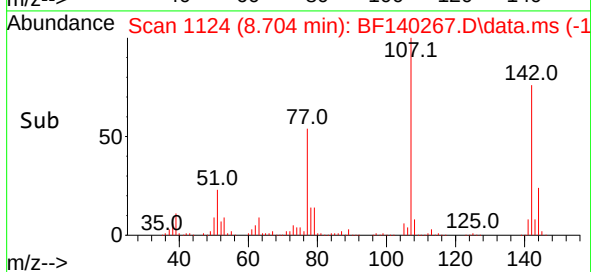
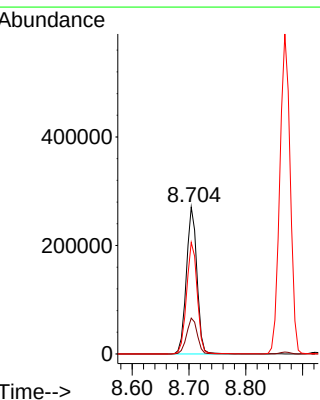
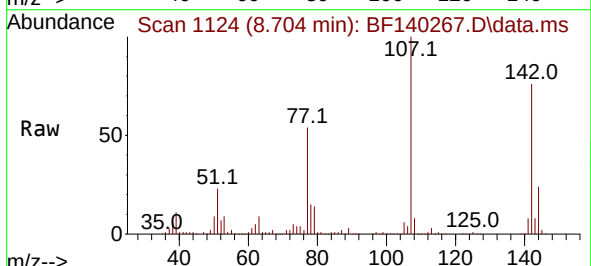
Tgt Ion:107 Resp: 352385

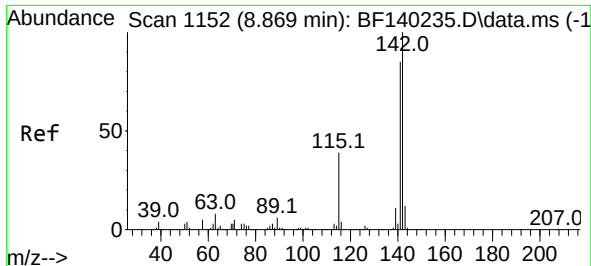
Ion Ratio Lower Upper

107 100

144 24.4 18.6 27.8

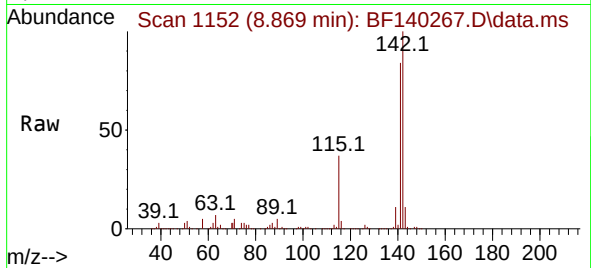
142 75.9 58.1 87.1





#37
2-Methylnaphthalene
Concen: 45.187 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

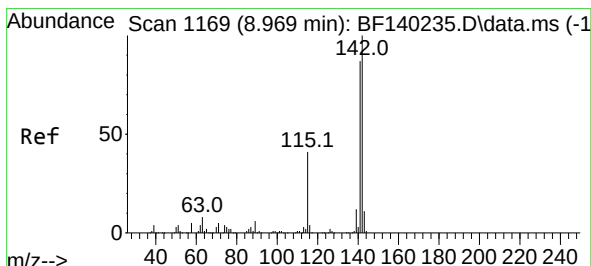
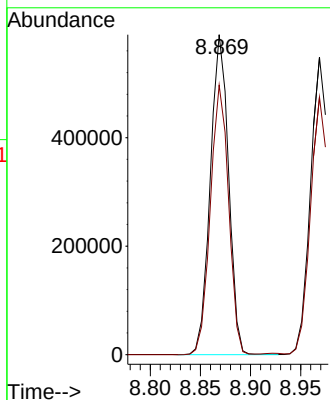
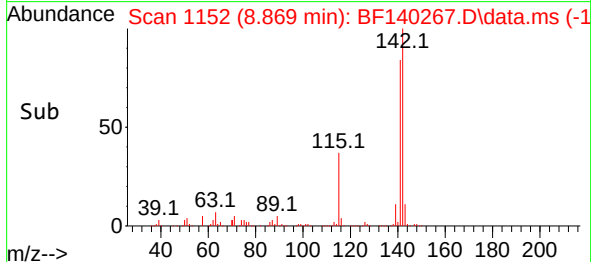
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:142 Resp: 74674
Ion Ratio Lower Upper
142 100
141 84.3 67.8 101.8

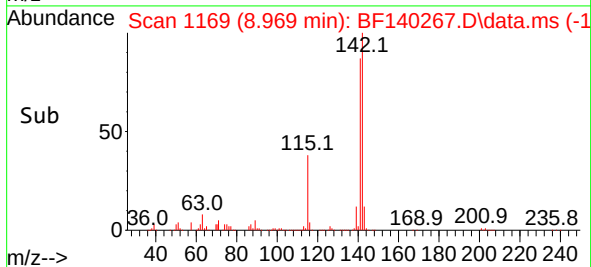
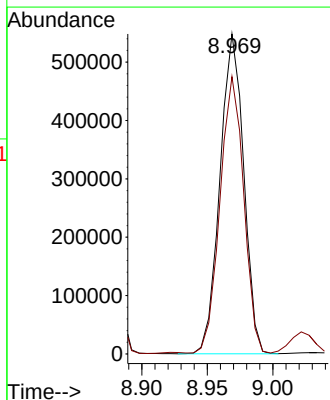
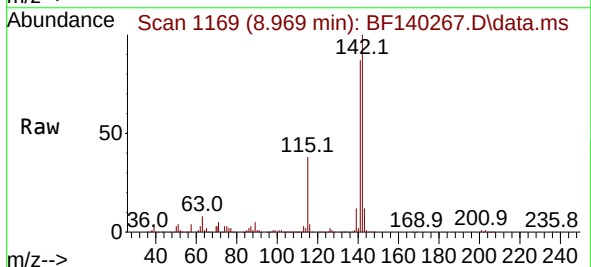
Manual Integrations
APPROVED

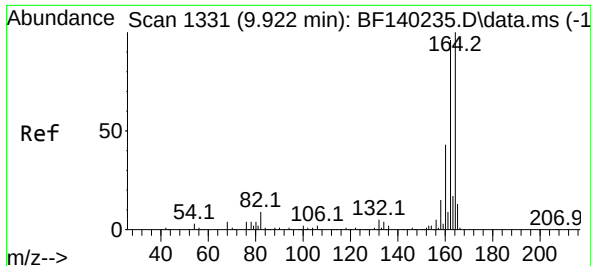
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 42.533 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:142 Resp: 688949
Ion Ratio Lower Upper
142 100
141 86.6 69.7 104.5





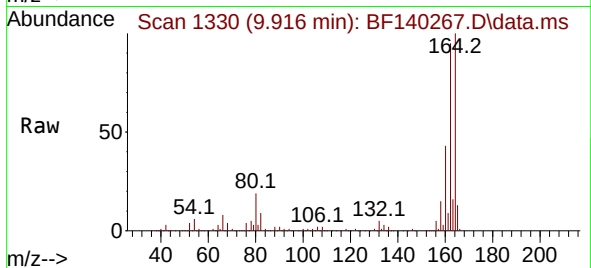
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



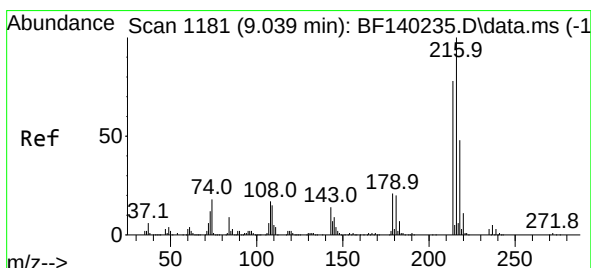
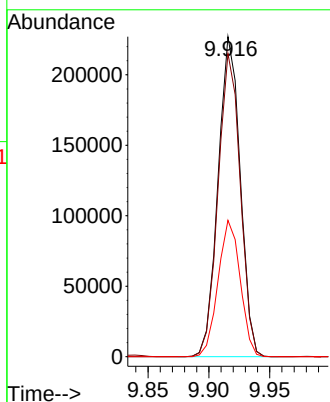
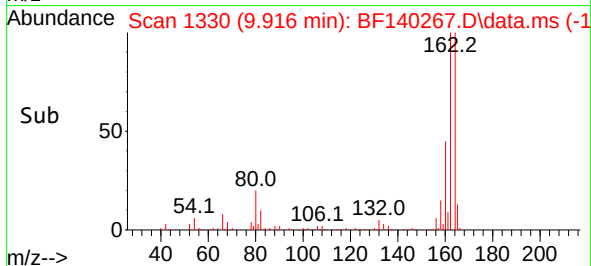
Tgt Ion:164 Resp: 287190
Ion Ratio Lower Upper
164 100
162 94.8 77.0 115.4
160 42.6 34.1 51.1

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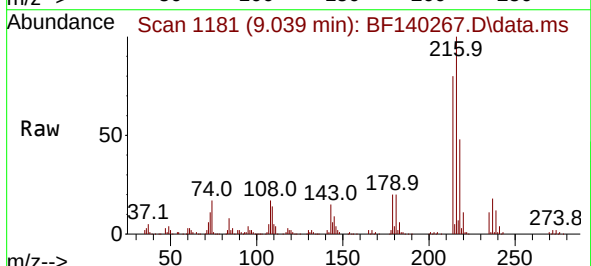
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

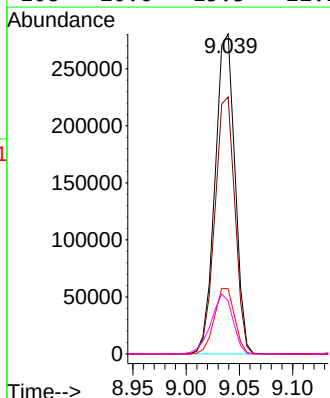
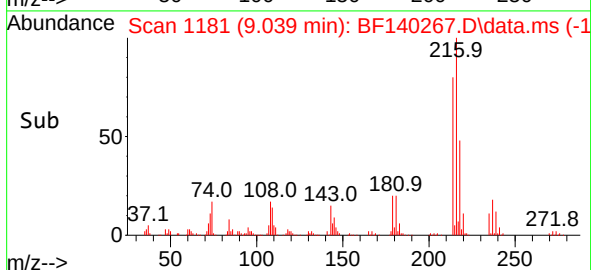
Supervised By :mohammad ahmed 11/11/2024

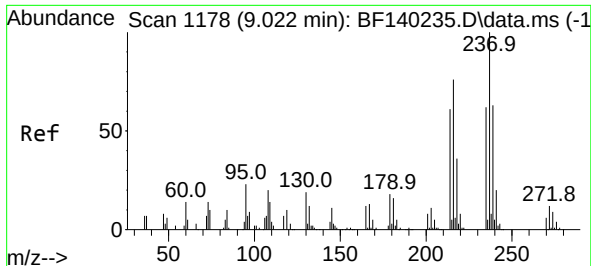


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.341 ng
RT: 9.039 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



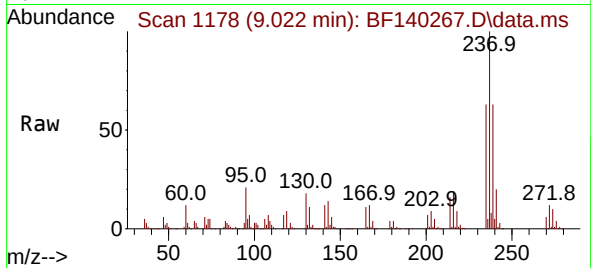
Tgt Ion:216 Resp: 364398
Ion Ratio Lower Upper
216 100
214 80.8 62.8 94.2
179 20.8 17.3 25.9
108 20.6 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 177.802 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

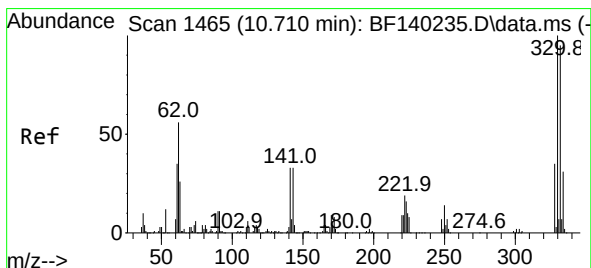
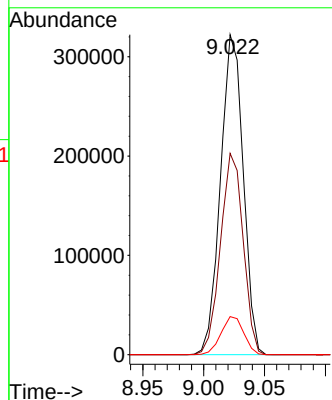
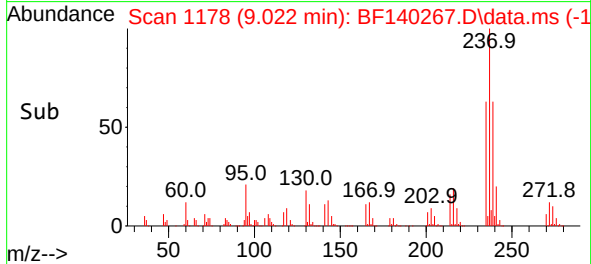
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



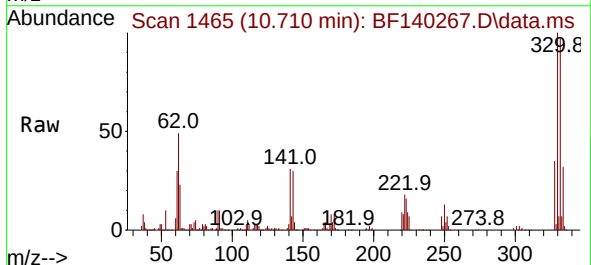
Tgt Ion:237 Resp: 41889
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 11.9 0.0 31.8

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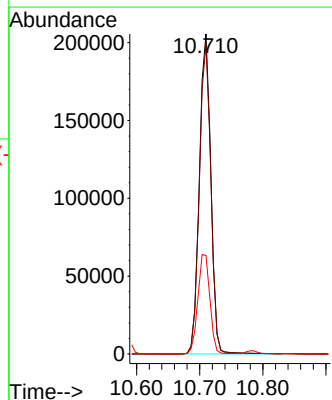
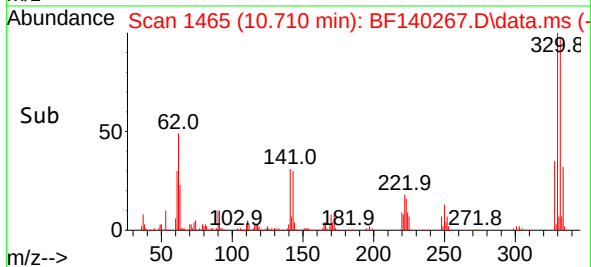
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

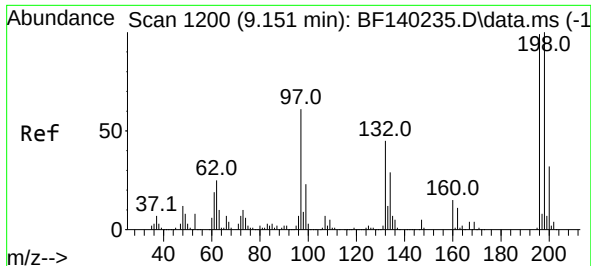


#42
2,4,6-Tribromophenol
Concen: 91.279 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



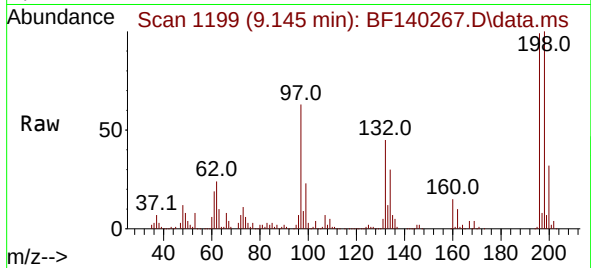
Tgt Ion:330 Resp: 259121
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 32.6 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 46.270 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

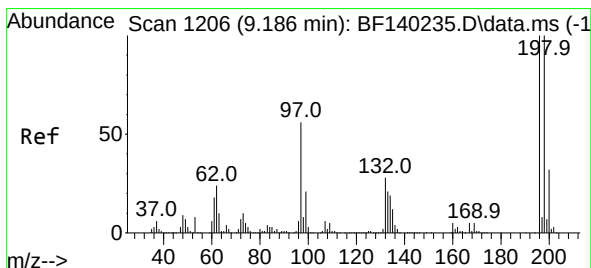
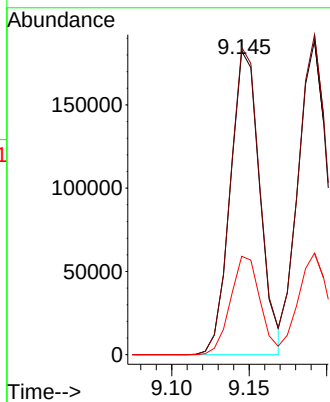
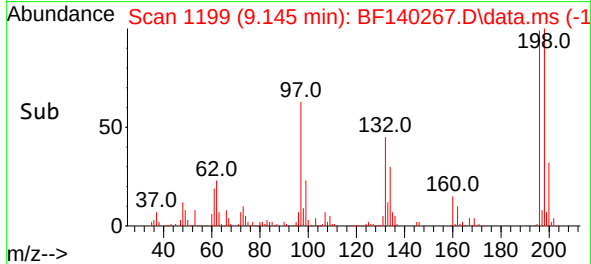
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



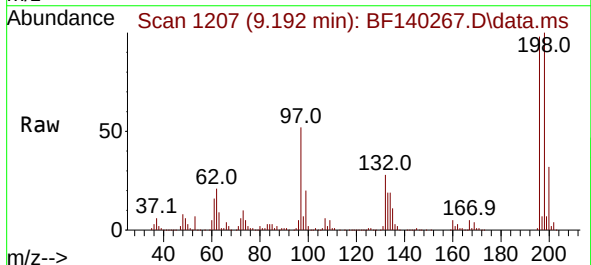
Tgt Ion:196 Resp: 241070
Ion Ratio Lower Upper
196 100
198 101.3 80.8 121.2
200 32.4 26.0 39.0

Manual Integrations
APPROVED

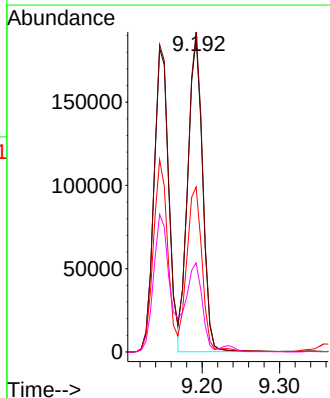
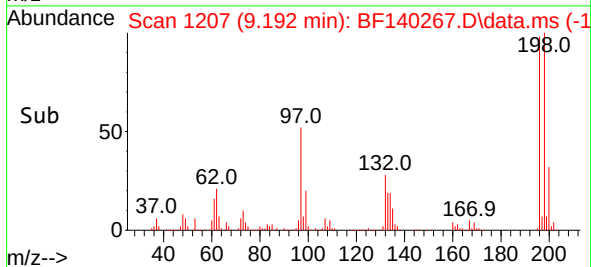
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

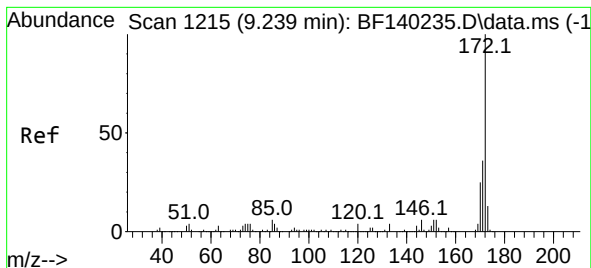


#44
2,4,5-Trichlorophenol
Concen: 45.536 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:196 Resp: 249454
Ion Ratio Lower Upper
196 100
198 101.9 80.0 120.0
97 52.5 45.7 68.5
132 28.3 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 52.959 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSTD

Tgt Ion:172 Resp: 952510

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

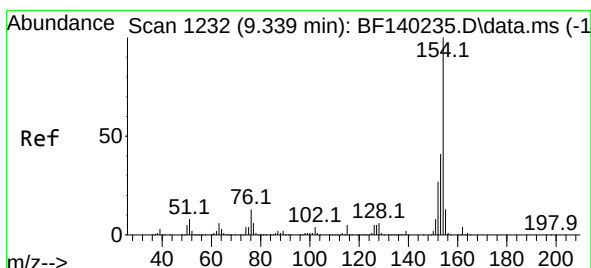
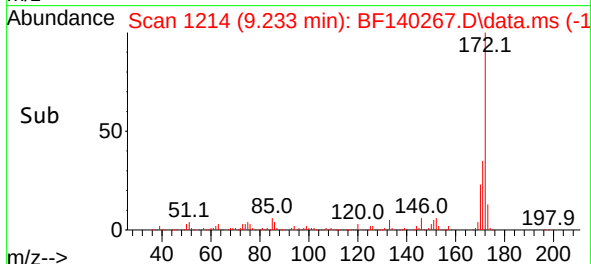
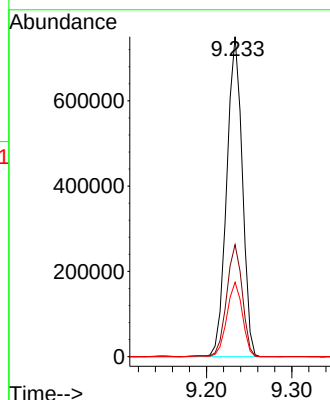
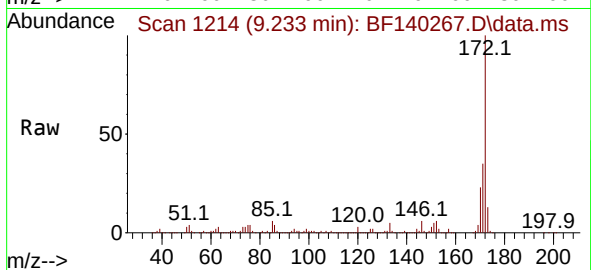
170 23.3 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#46

1,1'-Biphenyl

Concen: 43.861 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

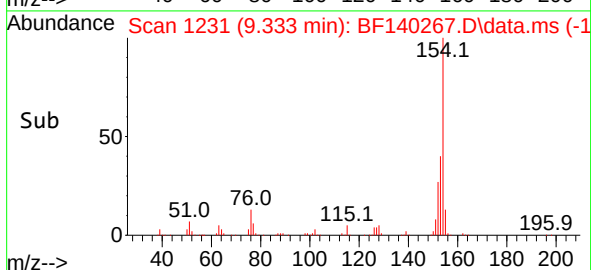
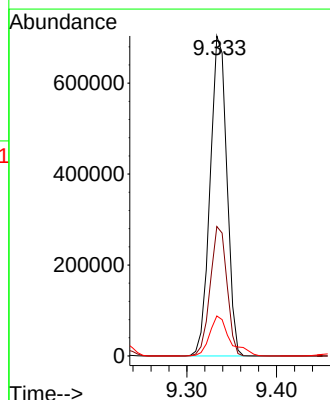
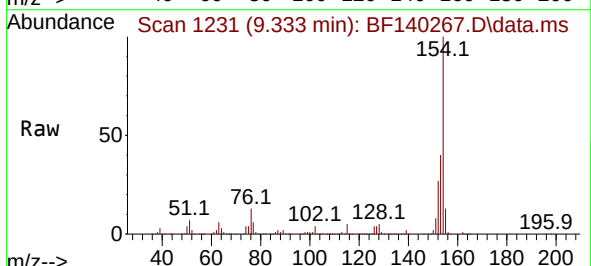
Tgt Ion:154 Resp: 910506

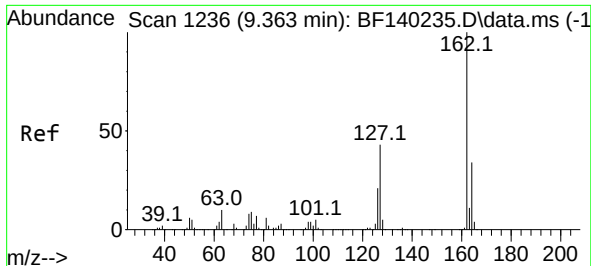
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 43.589 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

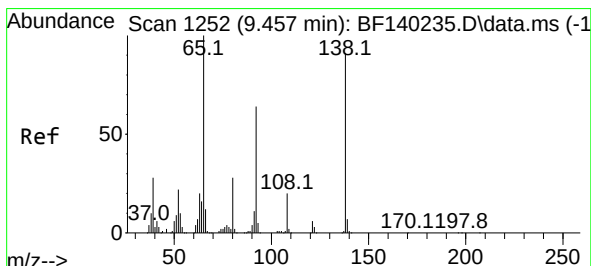
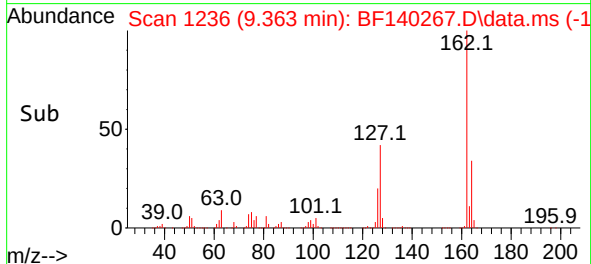
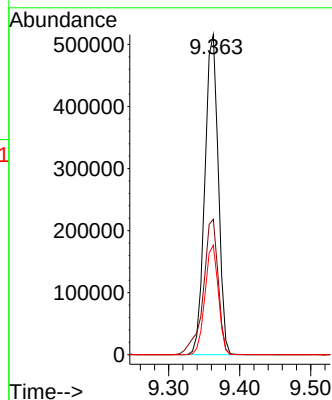
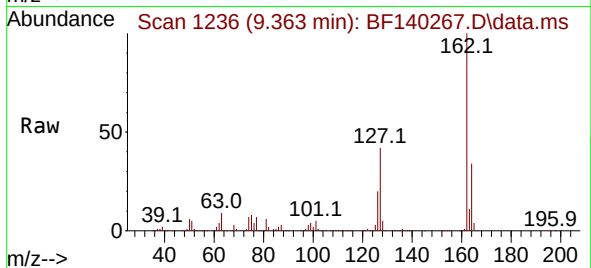
BP-G4-WCMSD

Tgt Ion:162 Resp: 68105
Ion Ratio Lower Upper
162 100
127 42.3 34.8 52.2
164 34.2 27.3 40.9

Manual Integrations

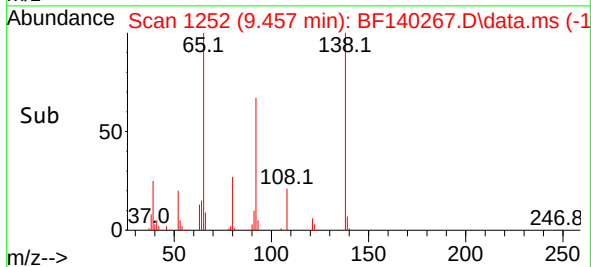
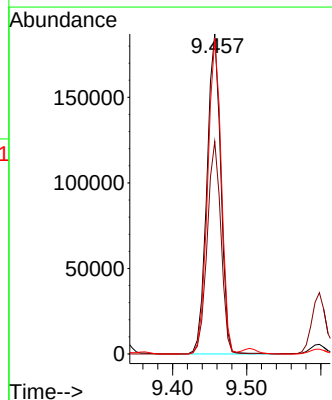
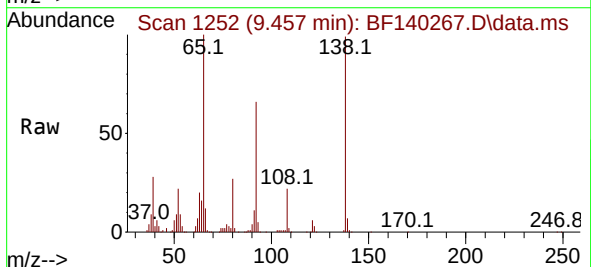
APPROVED

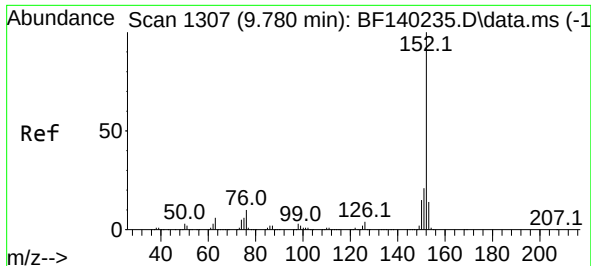
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#48
2-Nitroaniline
Concen: 46.475 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion: 65 Resp: 242840
Ion Ratio Lower Upper
65 100
92 66.4 51.6 77.4
138 98.6 73.0 109.6





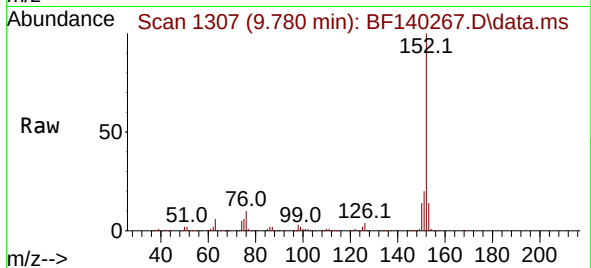
#49
Acenaphthylene
Concen: 48.664 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



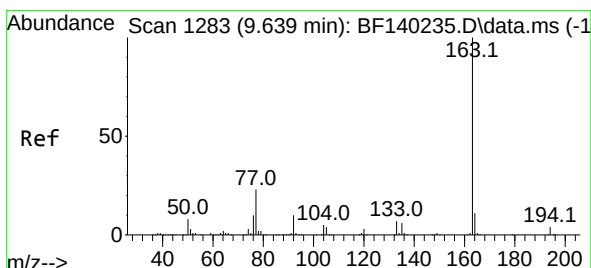
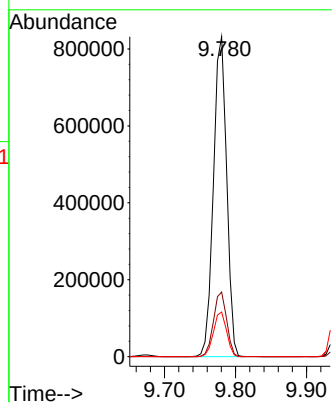
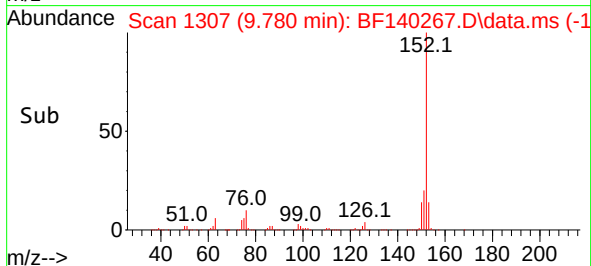
Tgt Ion:152 Resp: 1076472
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.0 11.1 16.7

Manual Integrations

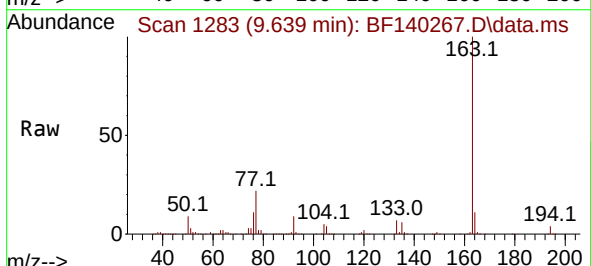
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

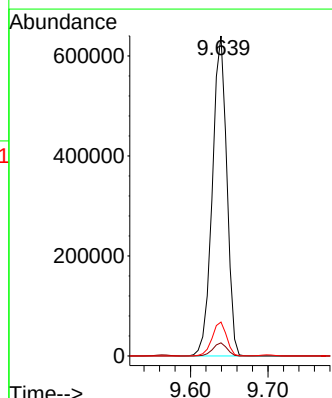
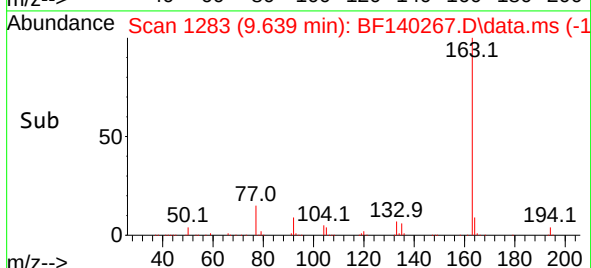
Supervised By :mohammad ahmed 11/11/2024

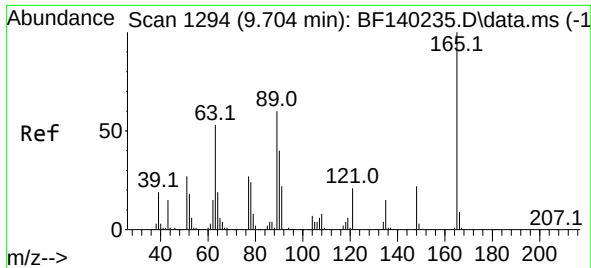


#50
Dimethylphthalate
Concen: 46.833 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:163 Resp: 828354
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.6 8.6 13.0





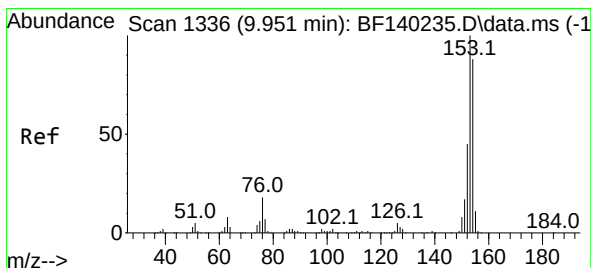
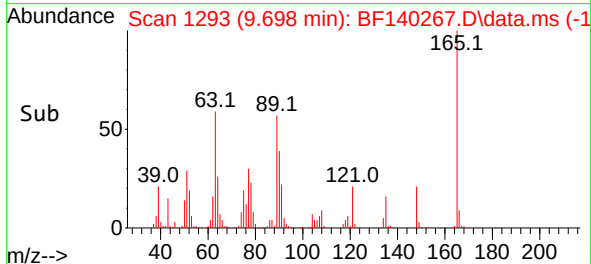
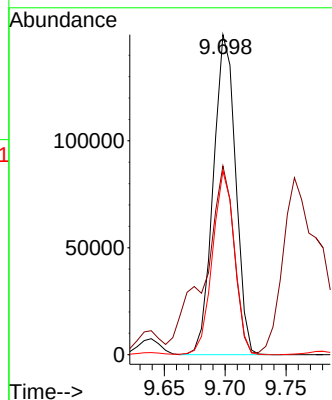
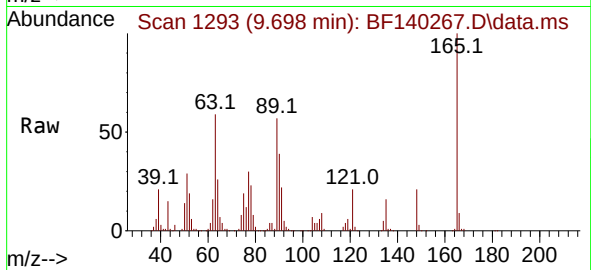
#51
2,6-Dinitrotoluene
Concen: 45.934 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD

Tgt Ion:165 Resp: 190972
Ion Ratio Lower Upper
165 100
63 59.0 48.8 73.2
89 57.3 48.1 72.1

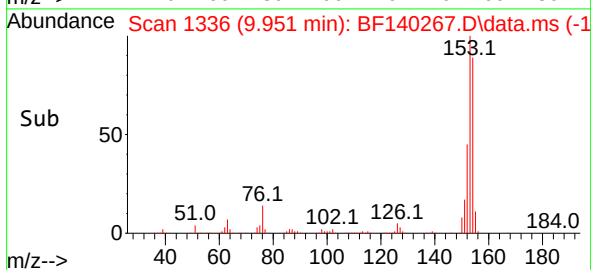
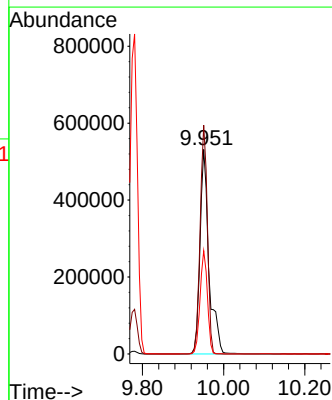
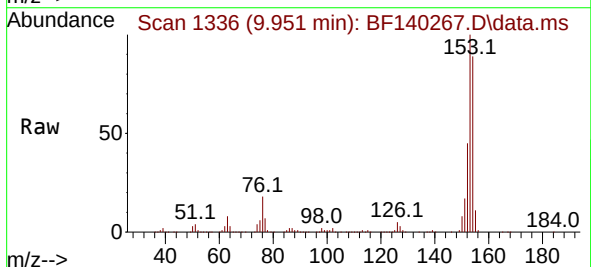
Manual Integrations
APPROVED

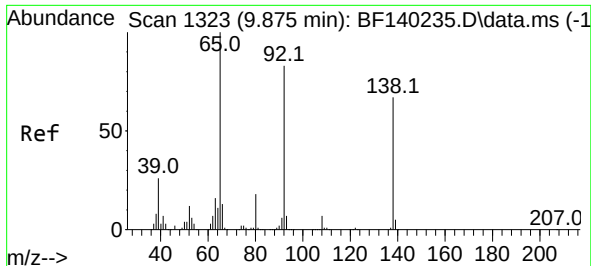
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 52.391 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:154 Resp: 822001
Ion Ratio Lower Upper
154 100
153 111.9 91.3 136.9
152 50.4 41.4 62.2





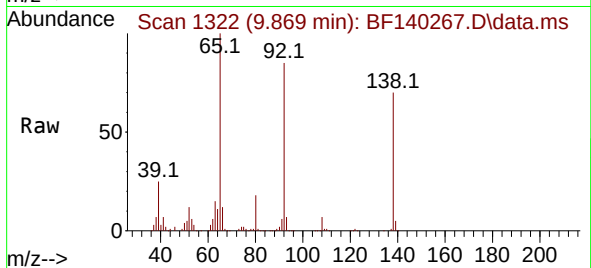
#53
3-Nitroaniline
Concen: 43.137 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



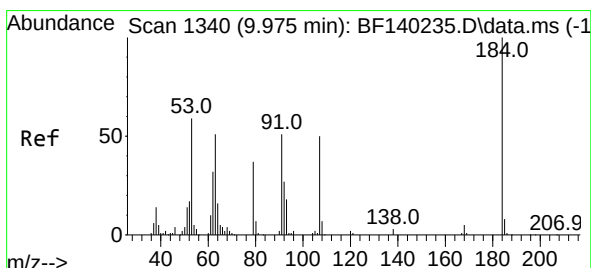
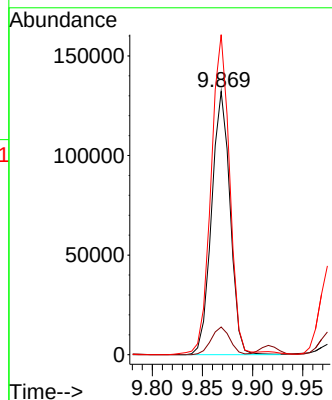
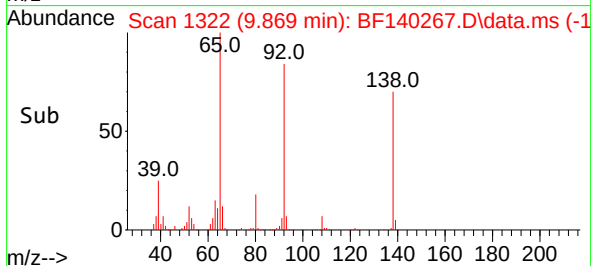
Tgt Ion:138 Resp: 168875
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 121.5 100.0 150.0

Manual Integrations

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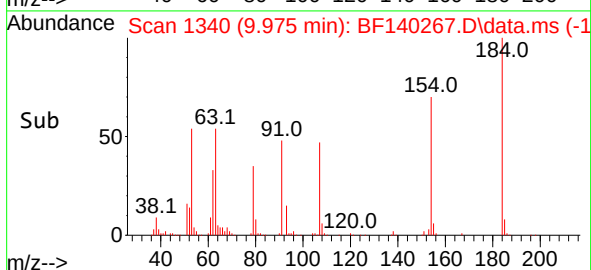
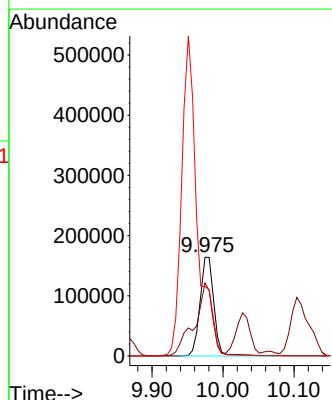
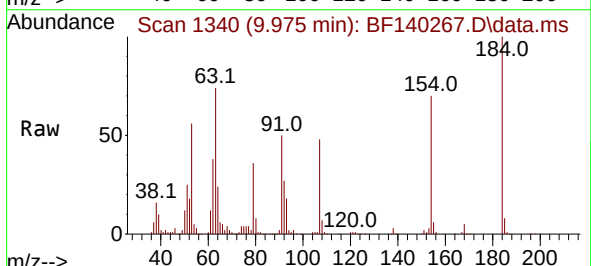
Reviewed By :Yogesh Patel 11/08/2024

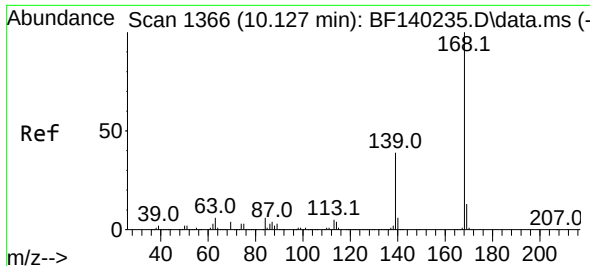
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 107.131 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

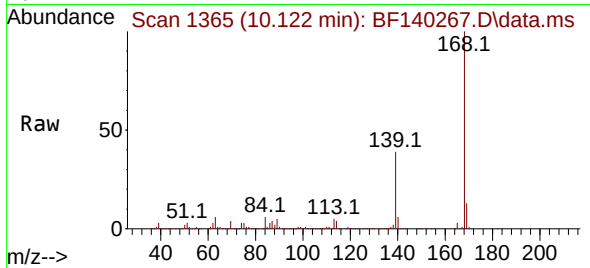
Tgt Ion:184 Resp: 223180
Ion Ratio Lower Upper
184 100
63 73.8 60.1 90.1
154 70.4 66.3 99.5





#55
Dibenzofuran
Concen: 46.701 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.005 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

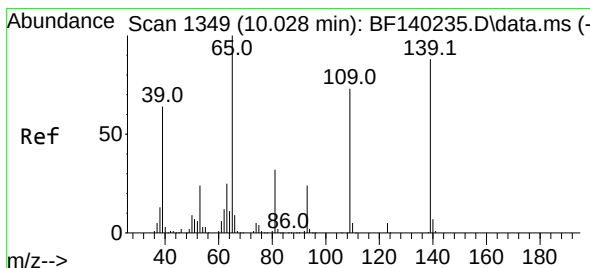
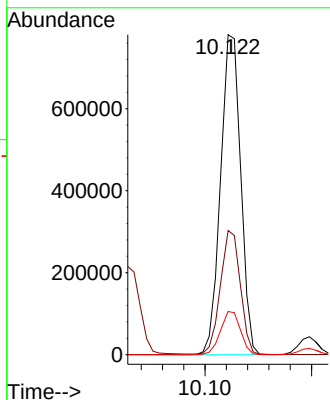
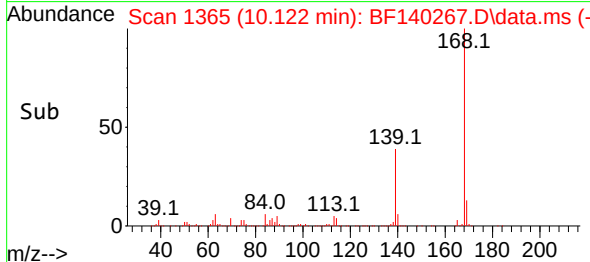
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:168 Resp: 1024598
Ion Ratio Lower Upper
168 100
139 38.8 31.5 47.3
169 13.5 10.6 15.8

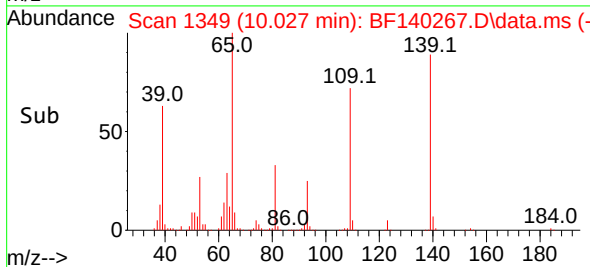
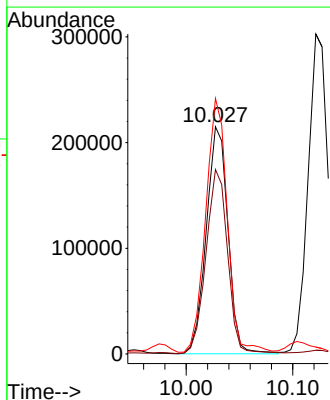
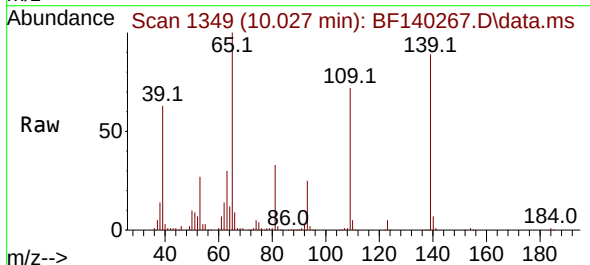
Manual Integrations
APPROVED

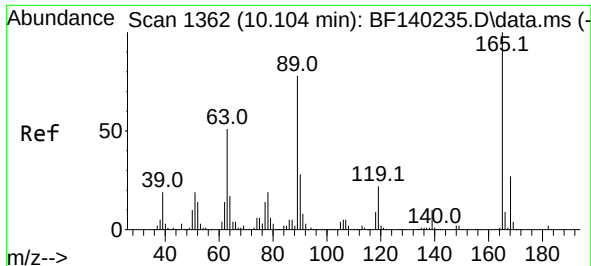
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 110.357 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:139 Resp: 303768
Ion Ratio Lower Upper
139 100
109 81.2 63.8 103.8
65 112.4 94.7 134.7





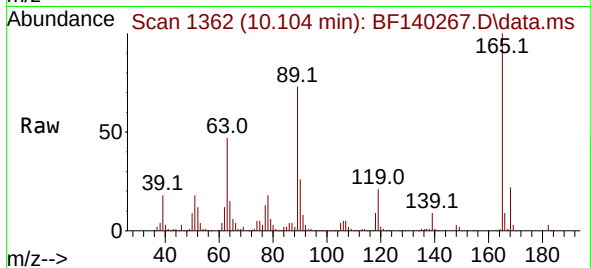
#57
2,4-Dinitrotoluene
Concen: 48.443 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

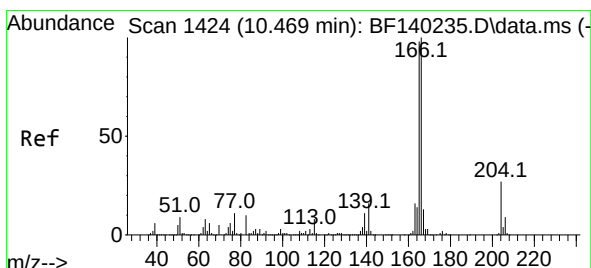
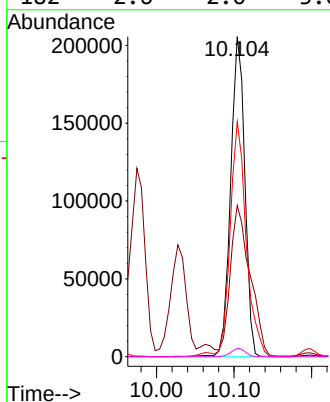
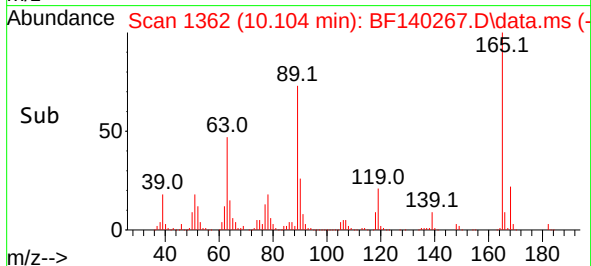


Tgt Ion:165 Resp: 26135
Ion Ratio Lower Upper
165 100
63 47.3 41.3 61.9
89 73.4 62.6 94.0
182 2.6 2.0 3.0

Manual Integrations

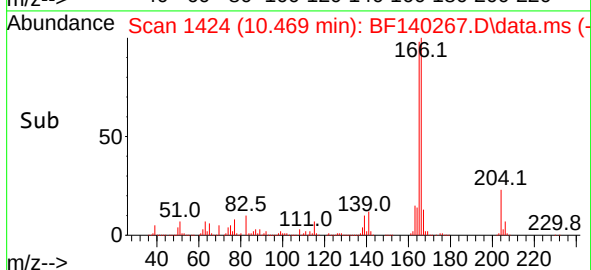
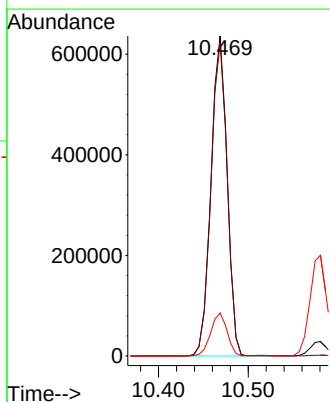
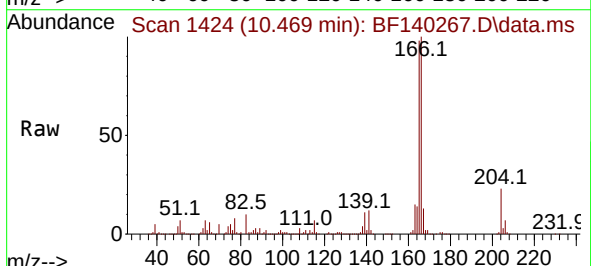
APPROVED

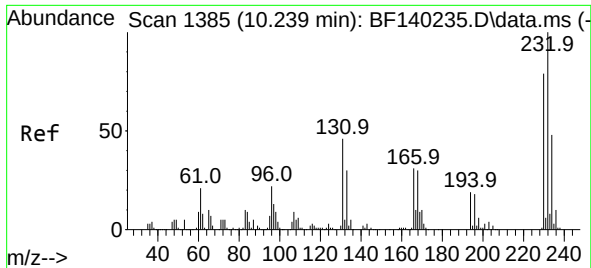
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 45.568 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

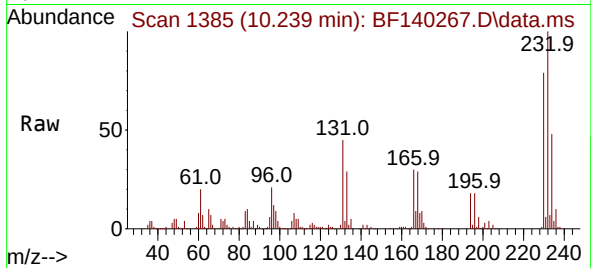
Tgt Ion:166 Resp: 795813
Ion Ratio Lower Upper
166 100
165 97.9 78.7 118.1
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.586 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

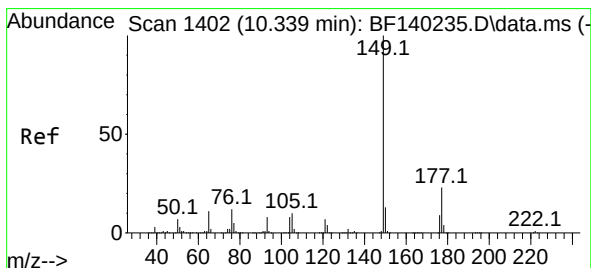
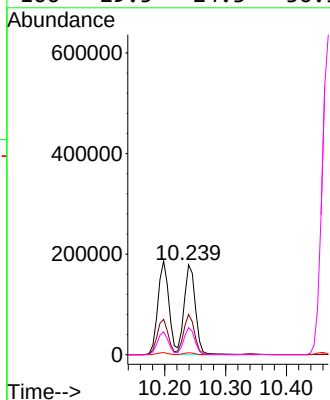
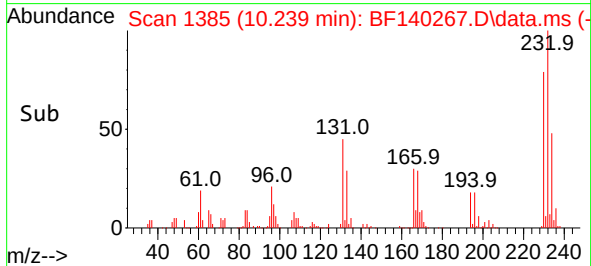
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:232 Resp: 227015
Ion Ratio Lower Upper
232 100
131 44.1 37.2 55.8
130 2.1 1.8 2.8
166 29.5 24.3 36.5

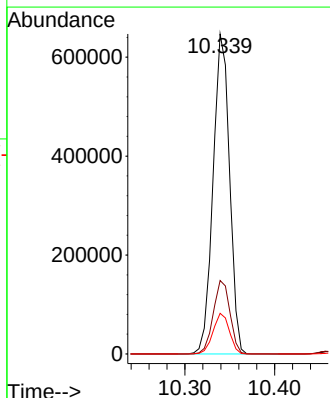
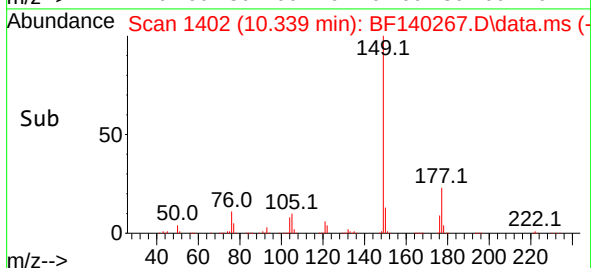
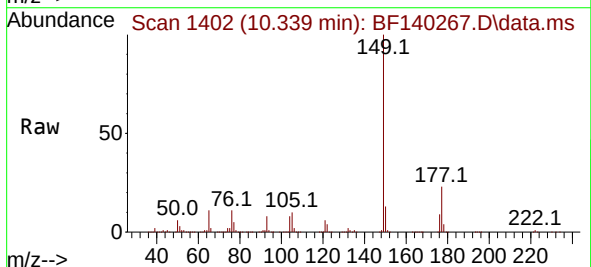
Manual Integrations
APPROVED

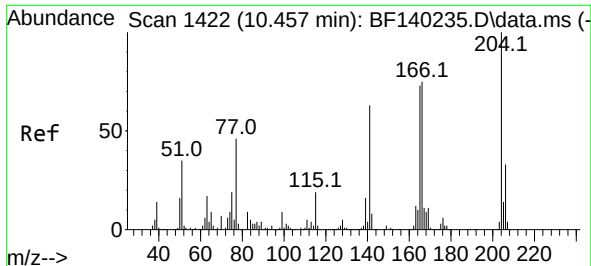
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 47.004 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

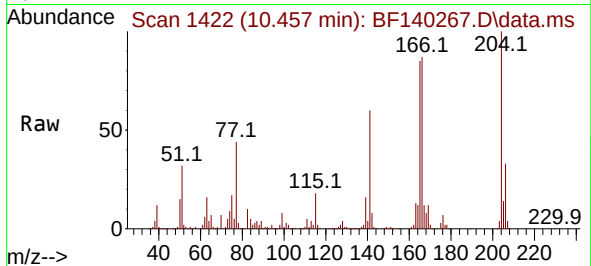
Tgt Ion:149 Resp: 826166
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.855 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

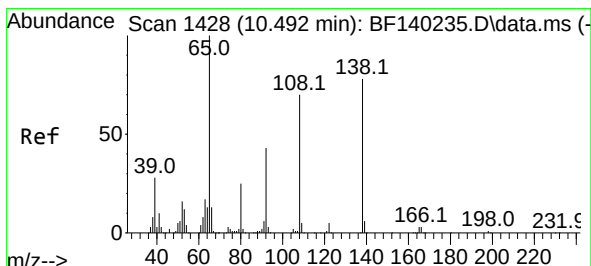
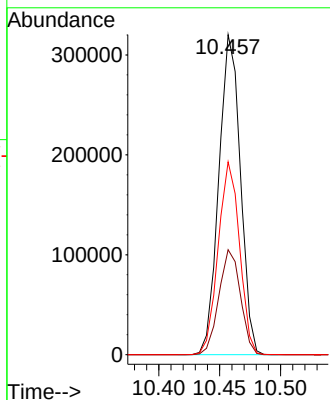
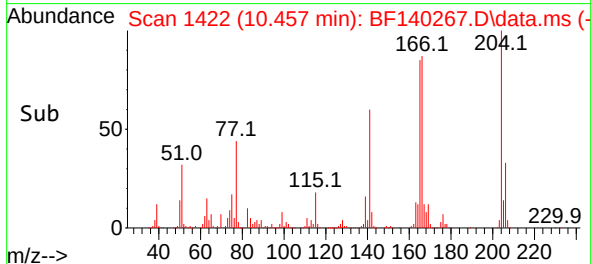
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



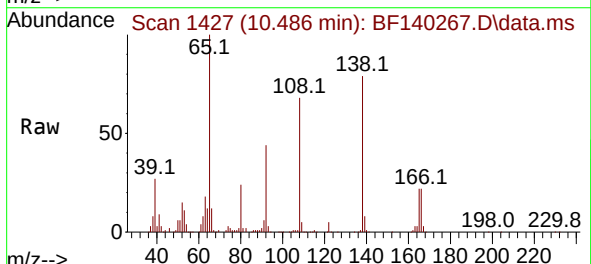
Tgt Ion:204 Resp: 394809
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 60.3 50.3 75.5

Manual Integrations
APPROVED

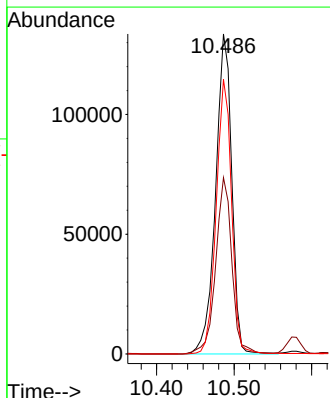
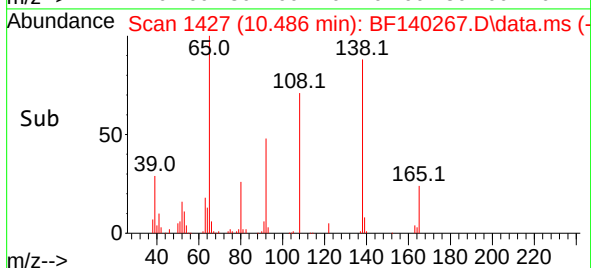
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

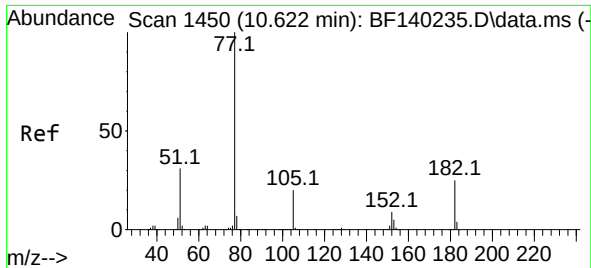


#62
4-Nitroaniline
Concen: 49.767 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:138 Resp: 193613
Ion Ratio Lower Upper
138 100
92 55.1 35.3 75.3
108 85.8 70.1 110.1





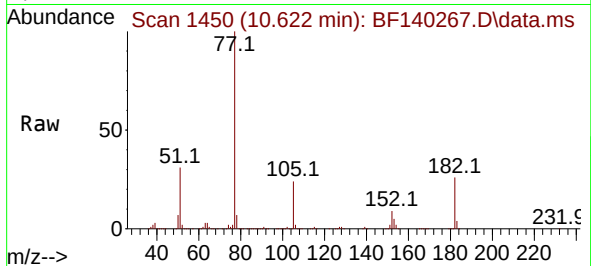
#63
Azobenzene
Concen: 48.767 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



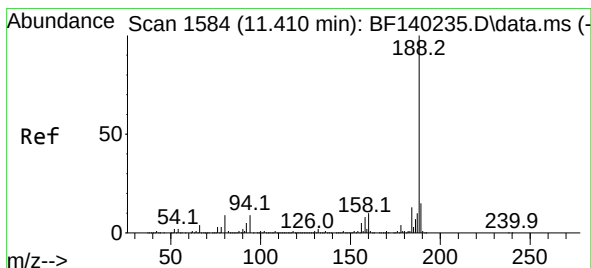
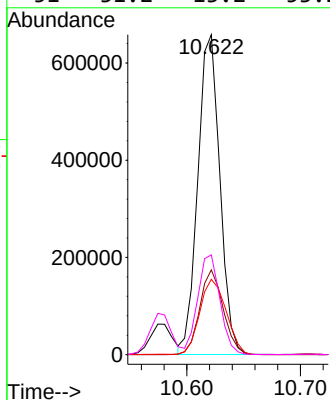
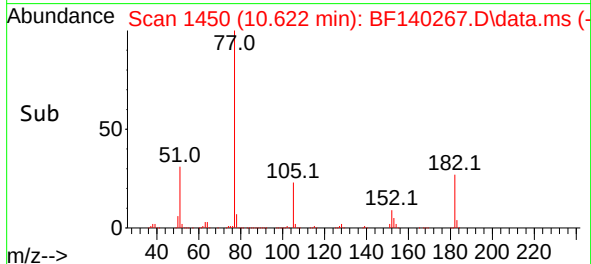
Tgt Ion: 77 Resp: 888540
Ion Ratio Lower Upper
77 100
182 26.5 4.7 44.7
105 23.5 0.0 40.0
51 31.2 13.2 53.2

Manual Integrations

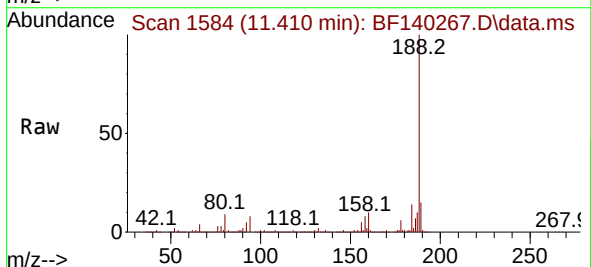
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

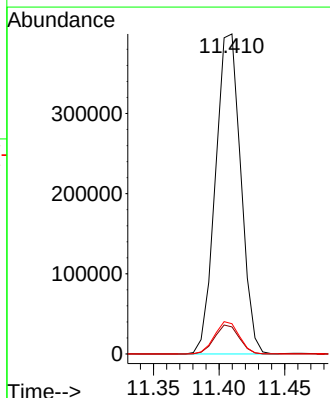
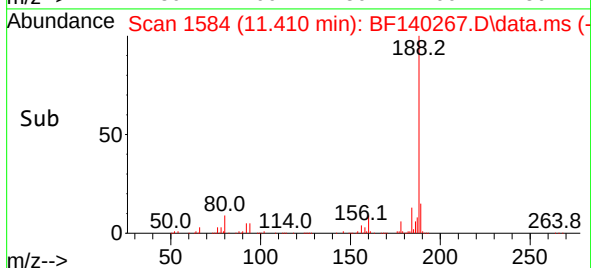
Supervised By :mohammad ahmed 11/11/2024

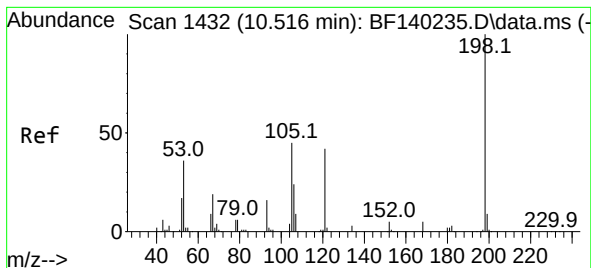


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



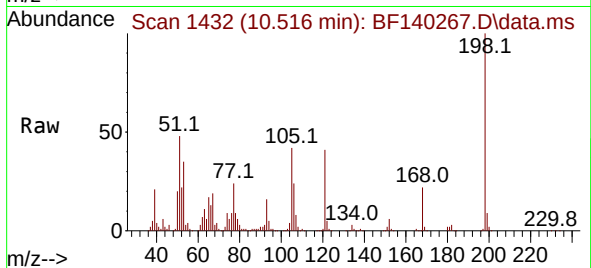
Tgt Ion:188 Resp: 534951
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.4 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.945 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

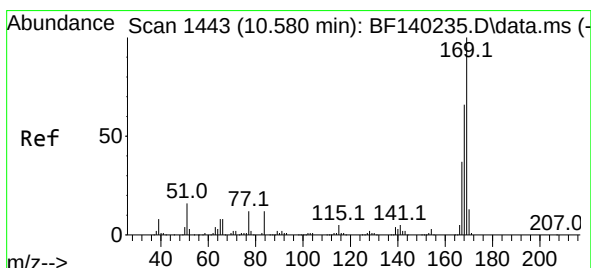
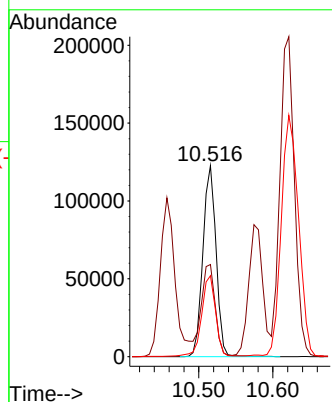
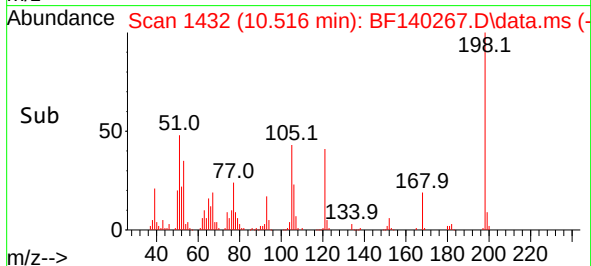
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



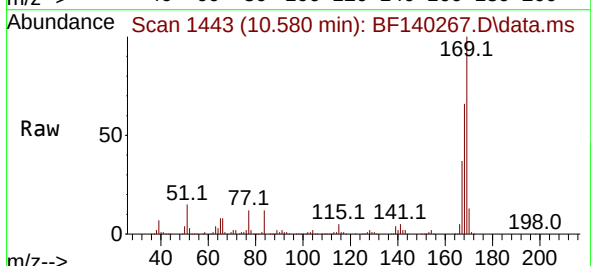
Tgt Ion:198 Resp: 151562
Ion Ratio Lower Upper
198 100
51 48.3 34.0 74.0
105 42.4 25.1 65.1

Manual Integrations
APPROVED

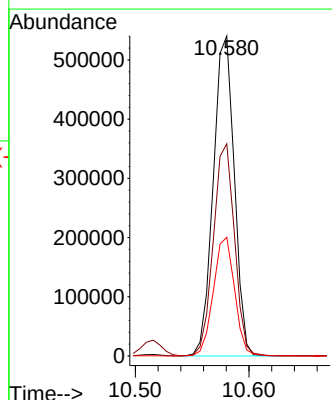
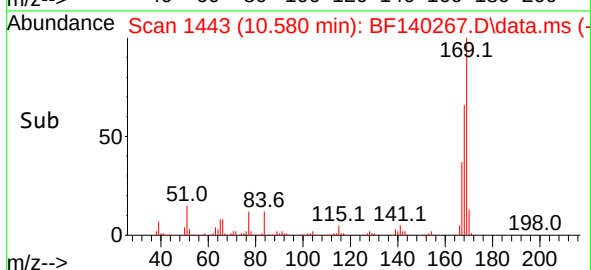
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

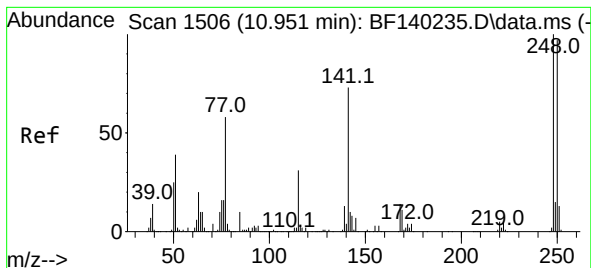


#66
n-Nitrosodiphenylamine
Concen: 45.151 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



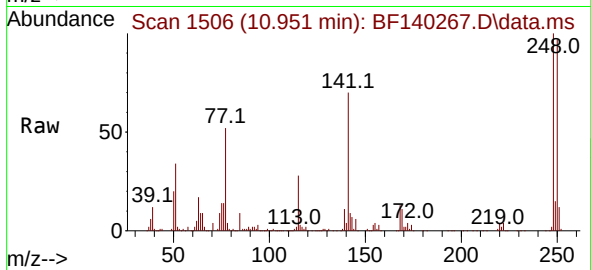
Tgt Ion:169 Resp: 694702
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 37.1 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.119 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

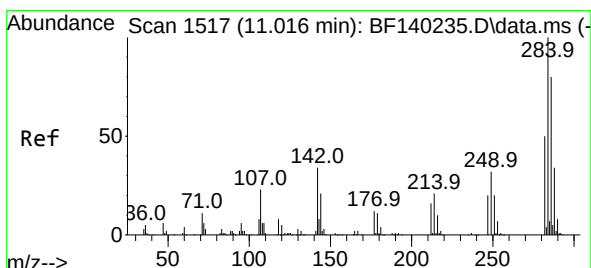
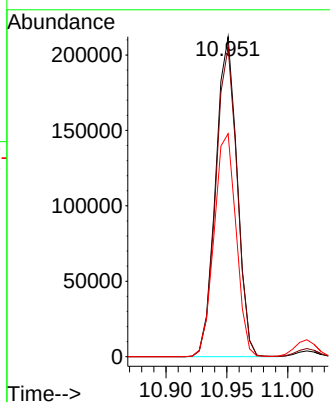
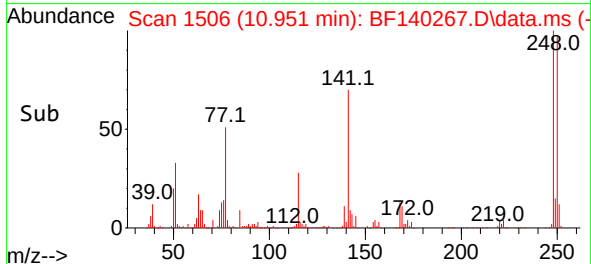
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



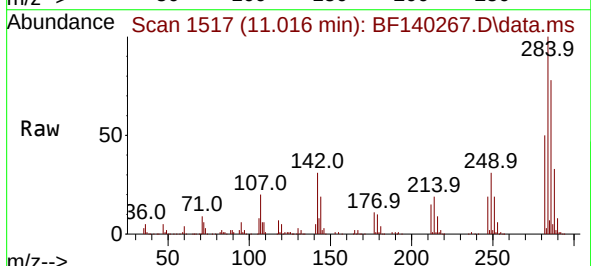
Tgt Ion:248 Resp: 259912
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 69.7 58.6 88.0

Manual Integrations
APPROVED

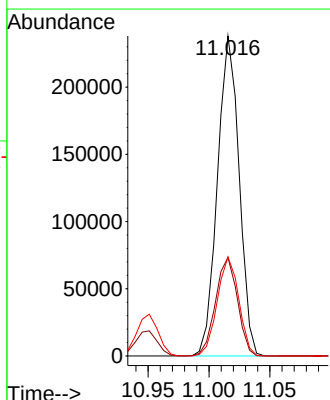
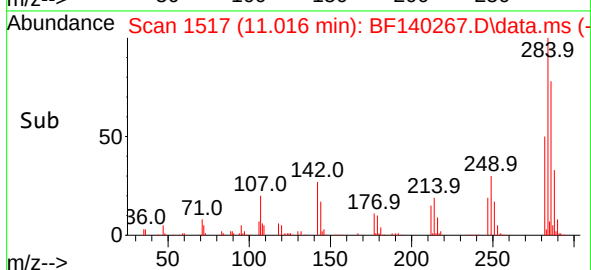
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

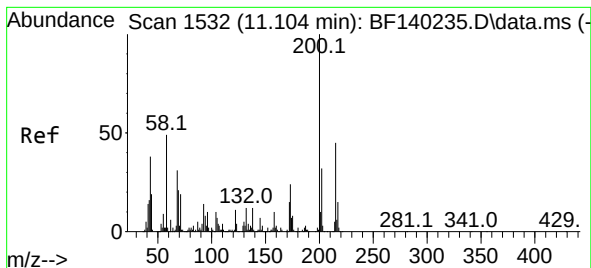


#68
Hexachlorobenzene
Concen: 44.899 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:284 Resp: 294817
Ion Ratio Lower Upper
284 100
142 30.8 27.5 41.3
249 31.0 26.2 39.2





#69

Atrazine

Concen: 60.723 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

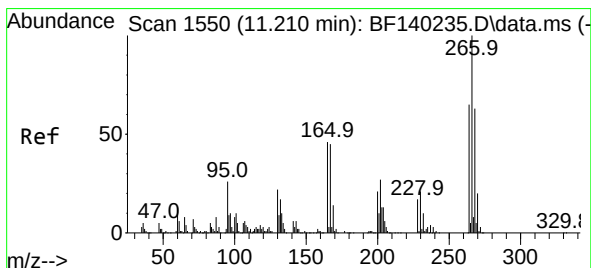
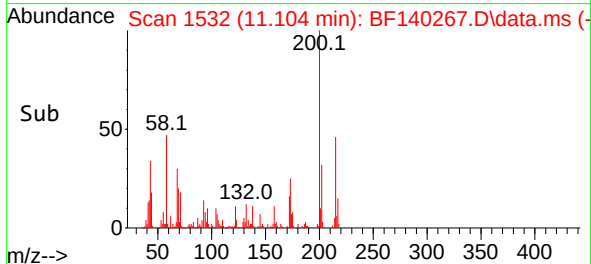
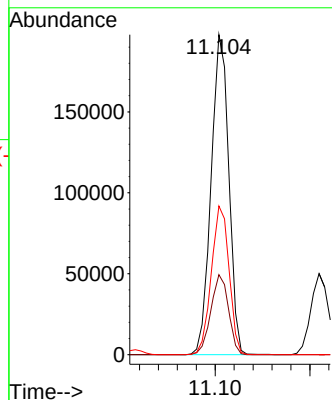
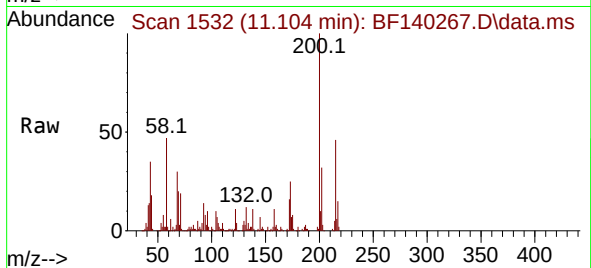
Tgt Ion:	200	Resp:	25561
Ion Ratio	Lower	Upper	
200	100		
173	25.0	4.4	44.4
215	46.5	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 95.983 ng

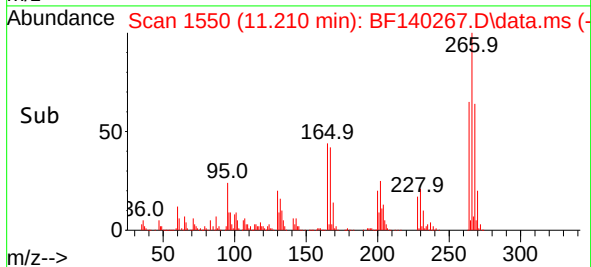
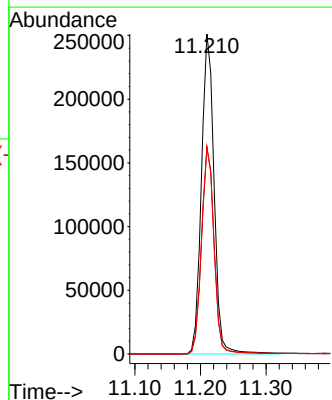
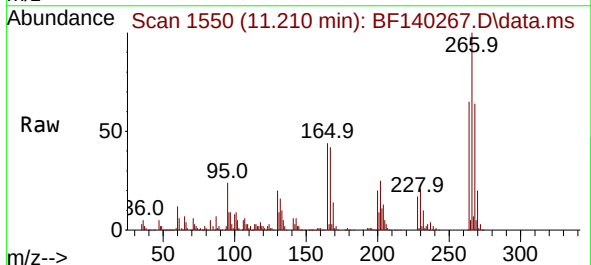
RT: 11.210 min Scan# 1550

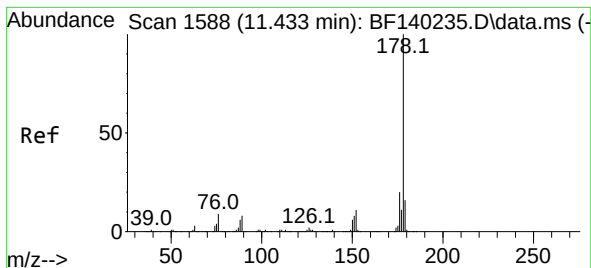
Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Tgt Ion:	266	Resp:	338425
Ion Ratio	Lower	Upper	
266	100		
268	64.5	50.2	75.4
264	64.7	52.2	78.4





#71

Phenanthrene

Concen: 46.843 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

Tgt Ion:178 Resp: 119588

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

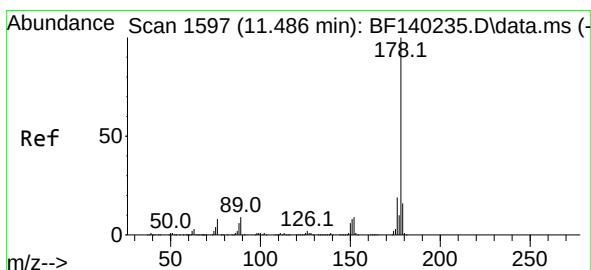
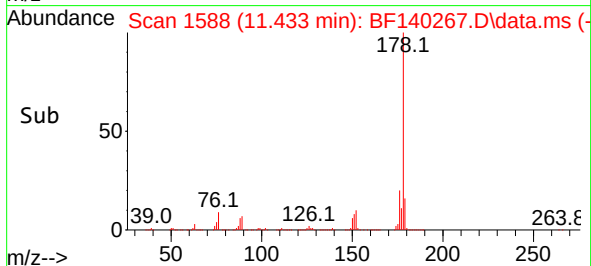
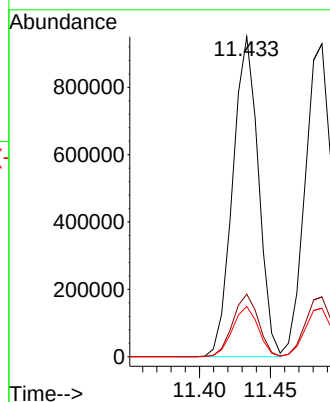
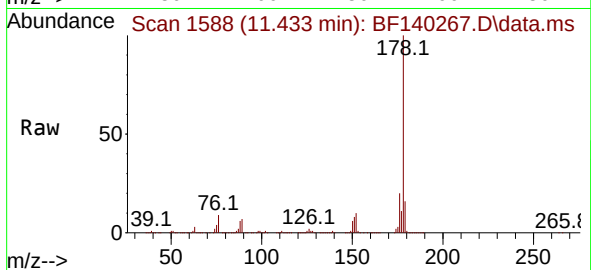
179 15.7 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#72

Anthracene

Concen: 48.398 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

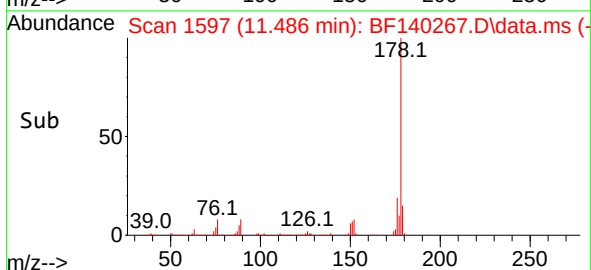
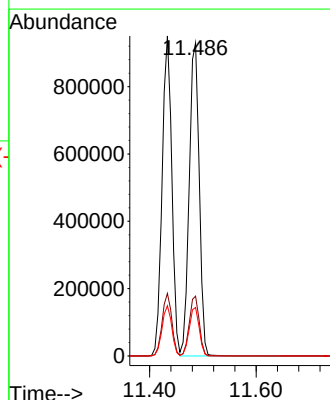
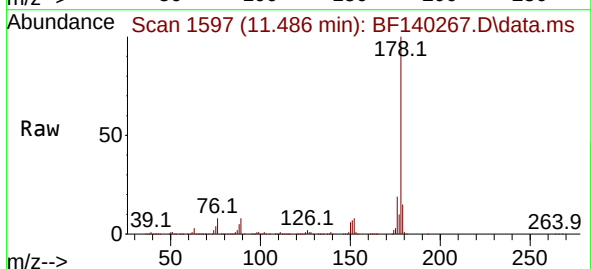
Tgt Ion:178 Resp: 1211576

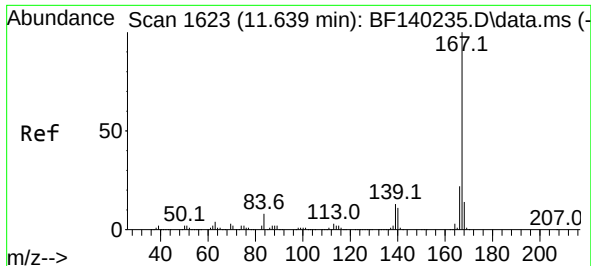
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

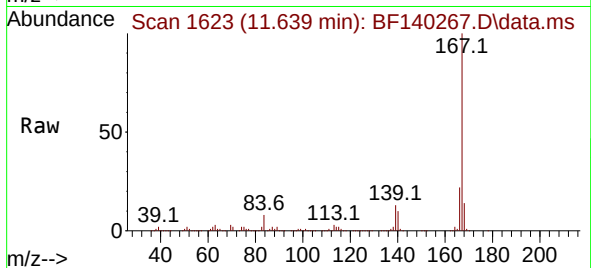
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 46.662 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF140267.D
 Acq: 07 Nov 2024 11:48

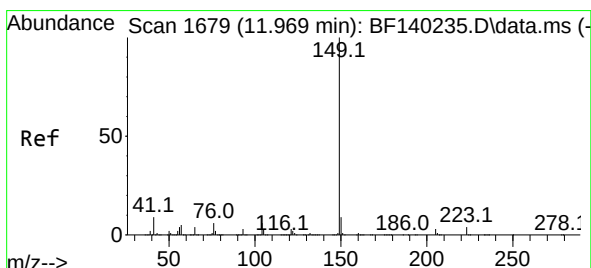
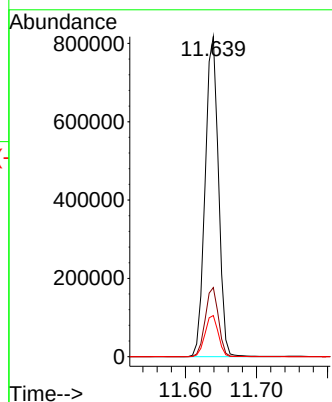
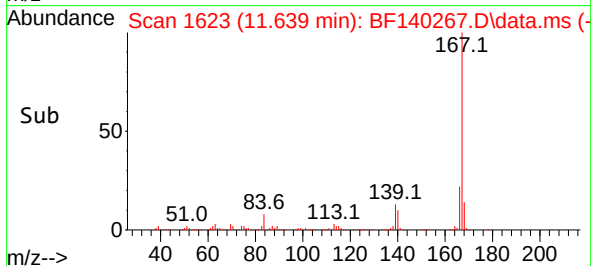
Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WCMSD



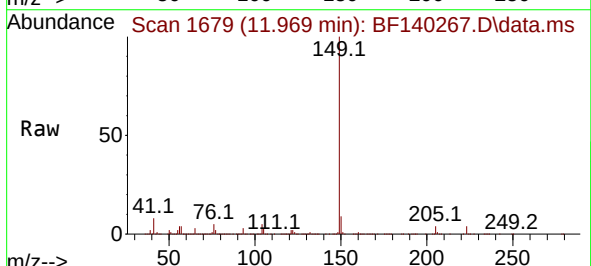
Tgt Ion:167 Resp: 1067335
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.8 10.7 16.1

Manual Integrations
 APPROVED

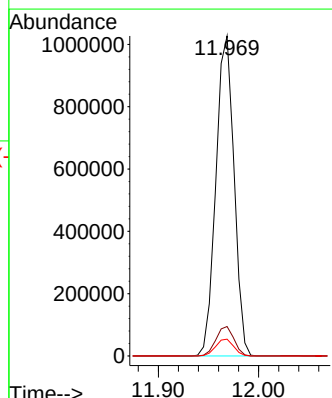
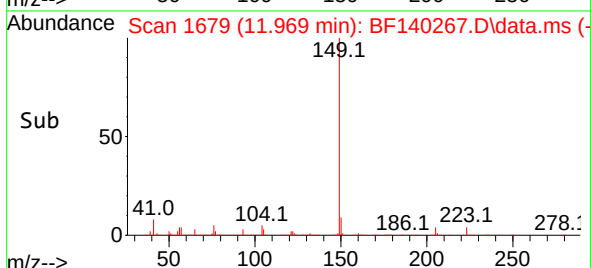
Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

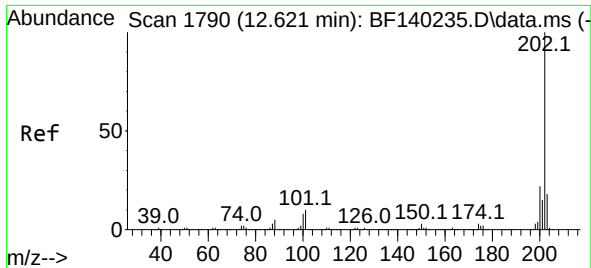


#74
 Di-n-butylphthalate
 Concen: 47.603 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.000 min
 Lab File: BF140267.D
 Acq: 07 Nov 2024 11:48



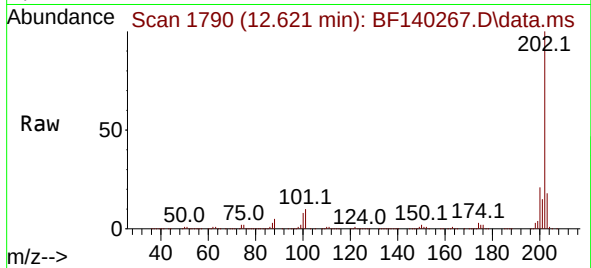
Tgt Ion:149 Resp: 1288889
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 4.5 6.7





#75
Fluoranthene
Concen: 45.611 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

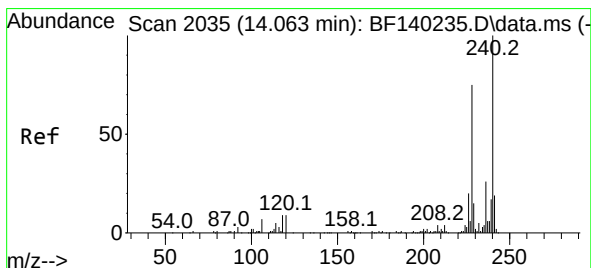
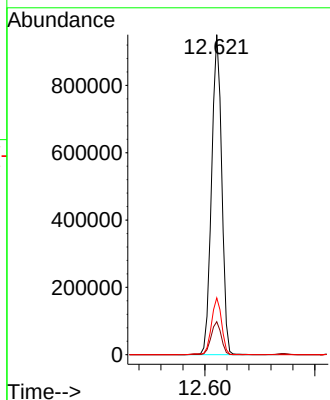
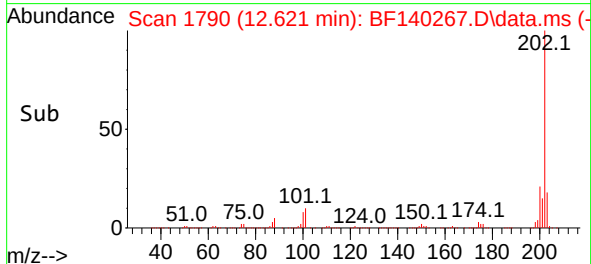
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:202 Resp: 1217570
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.8 0.0 38.0

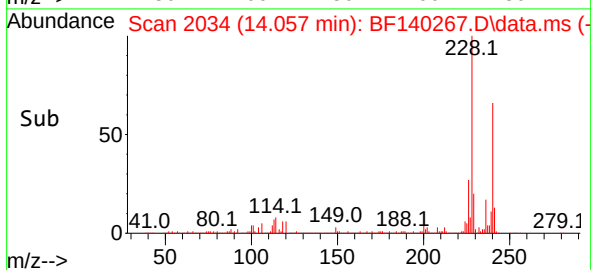
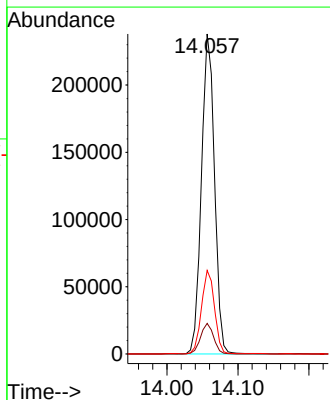
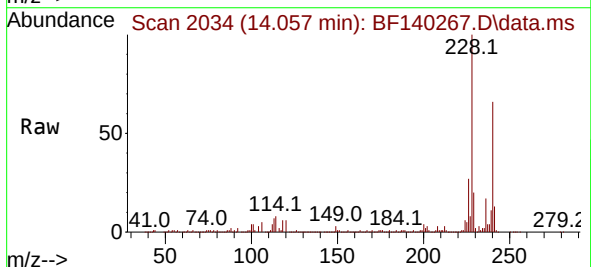
Manual Integrations
APPROVED

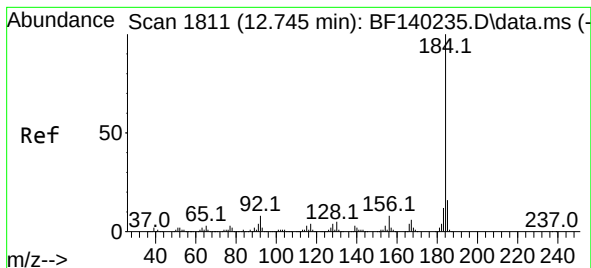
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:240 Resp: 305568
Ion Ratio Lower Upper
240 100
120 9.6 7.5 11.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 109.741 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF140267.D

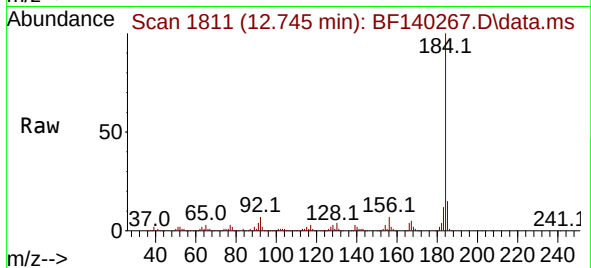
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



Tgt Ion:184 Resp: 655634

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

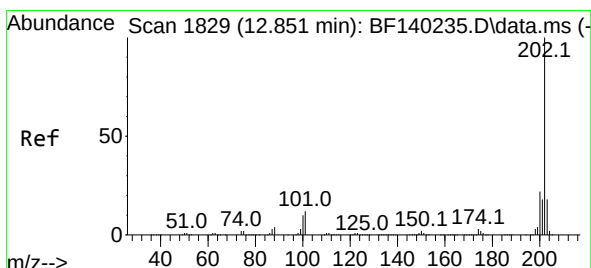
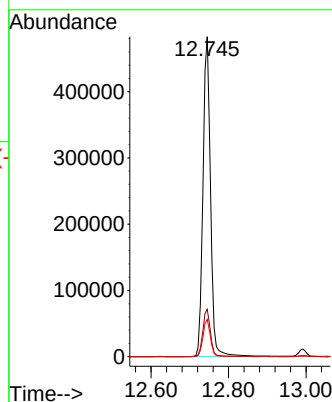
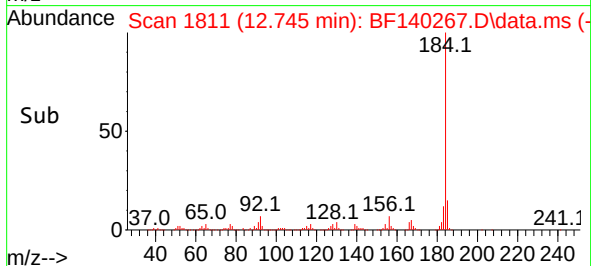
183 11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#78

Pyrene

Concen: 48.312 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

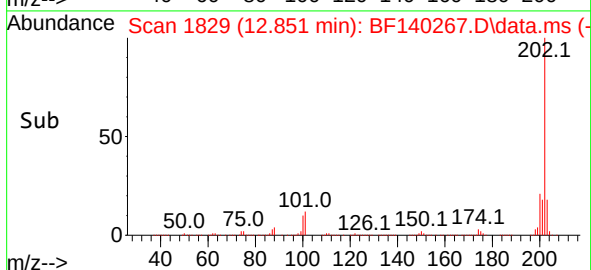
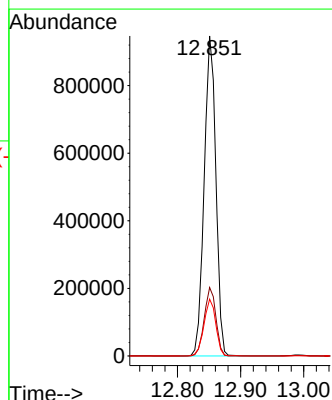
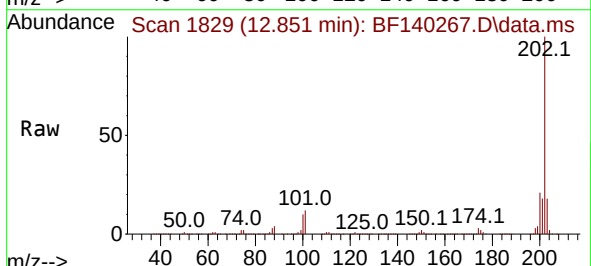
Tgt Ion:202 Resp: 1218901

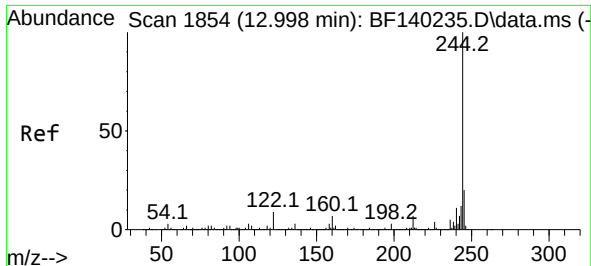
Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

203 17.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 60.868 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140267.D
 Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

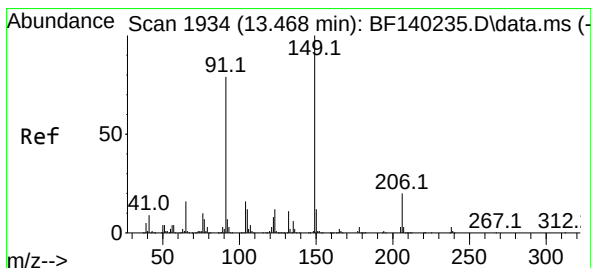
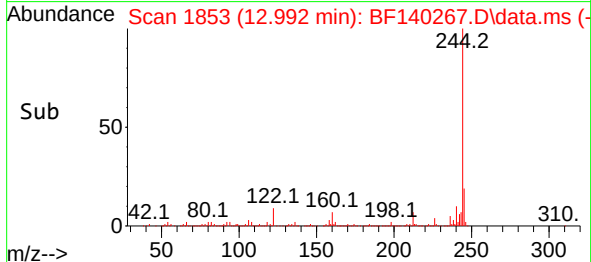
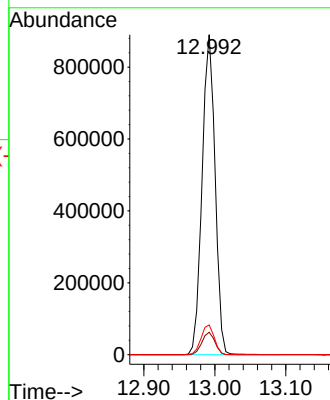
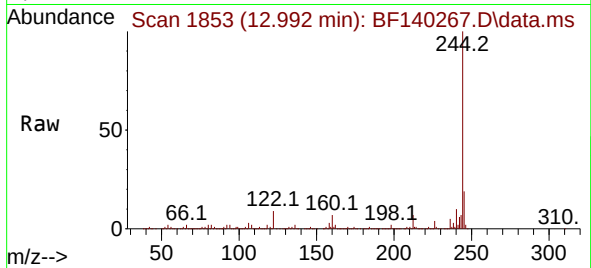
BP-G4-WCMSD

Tgt Ion:244 Resp: 113540
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 7.6 11.4

Manual Integrations

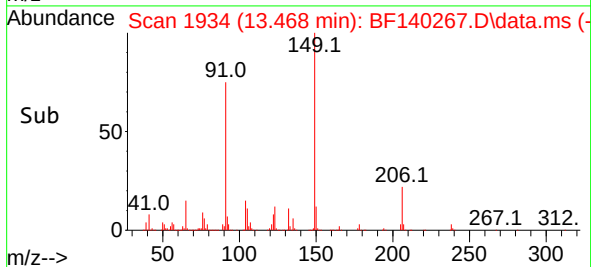
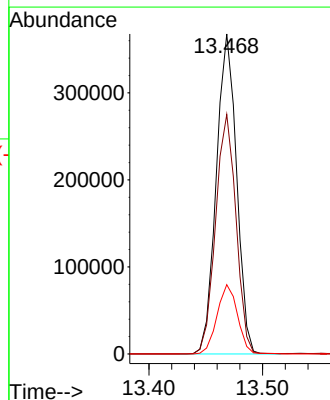
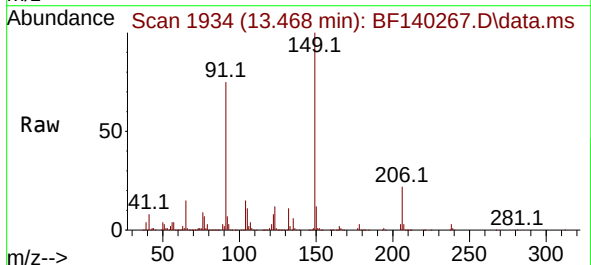
APPROVED

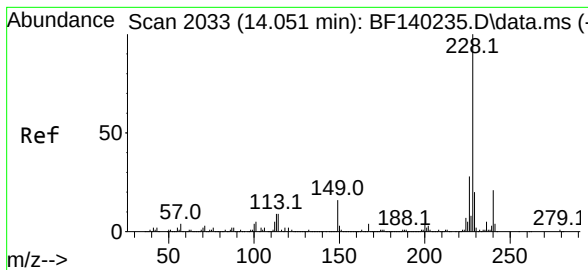
Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#80
 Butylbenzylphthalate
 Concen: 50.240 ng
 RT: 13.468 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: BF140267.D
 Acq: 07 Nov 2024 11:48

Tgt Ion:149 Resp: 456427
 Ion Ratio Lower Upper
 149 100
 91 74.8 63.0 94.4
 206 21.7 16.4 24.6





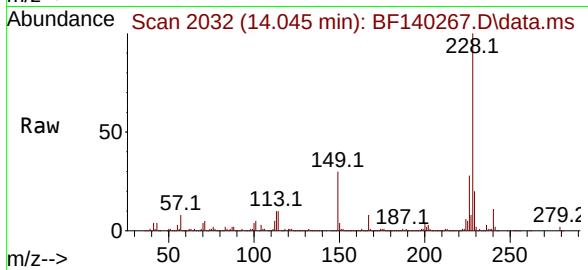
#81
Benzo(a)anthracene
Concen: 48.403 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



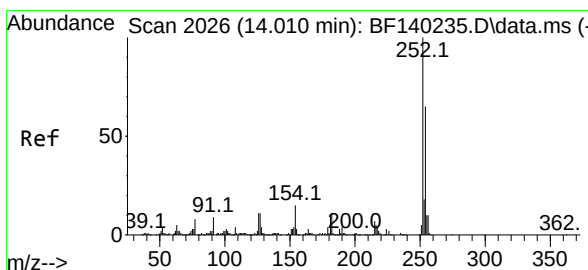
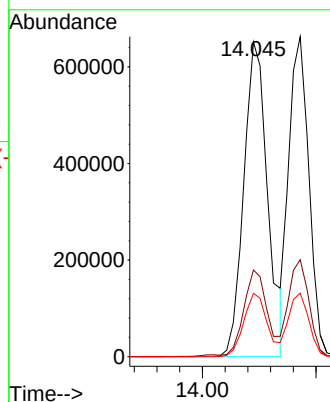
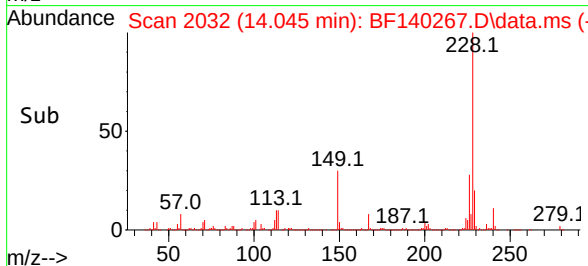
Tgt Ion:228 Resp: 94918
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.2 16.1 24.1

Manual Integrations

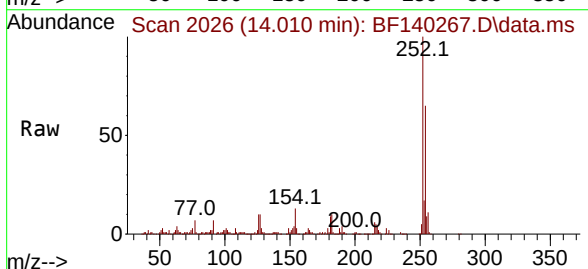
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

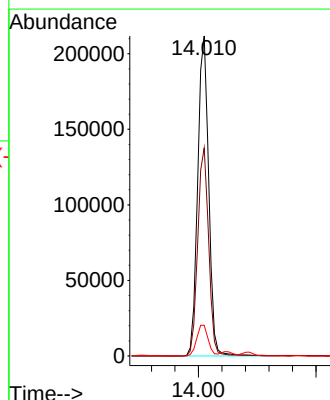
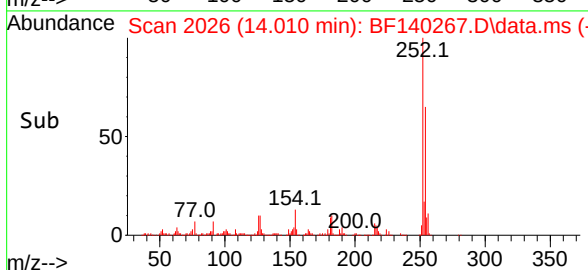
Supervised By :mohammad ahmed 11/11/2024

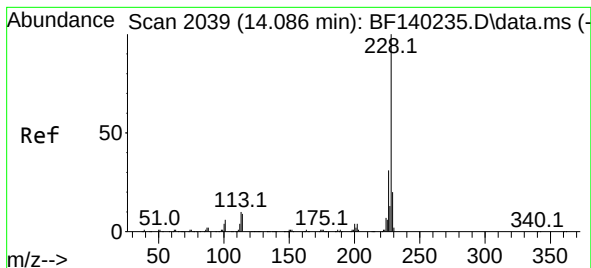


#82
3,3'-Dichlorobenzidine
Concen: 44.611 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:252 Resp: 274724
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.8
126 9.6 8.6 12.8





#83

Chrysene

Concen: 44.668 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

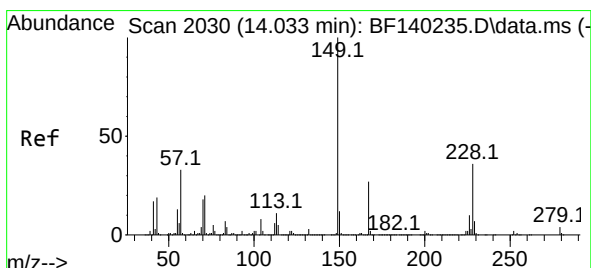
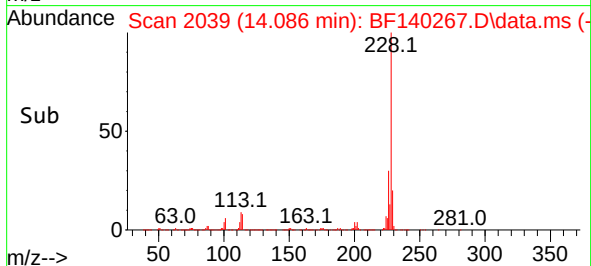
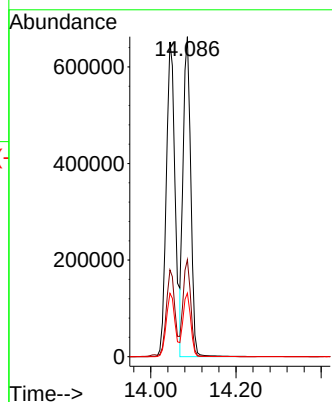
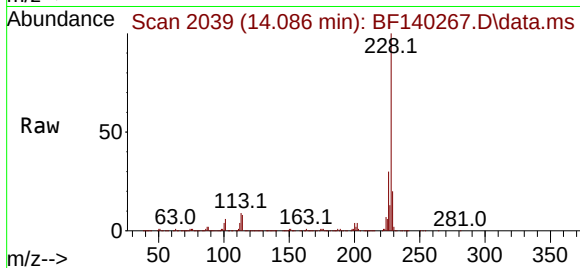
BP-G4-WCMSD

Tgt Ion:	228	Resp:	820280
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.6	36.8
229	19.8	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.446 ng

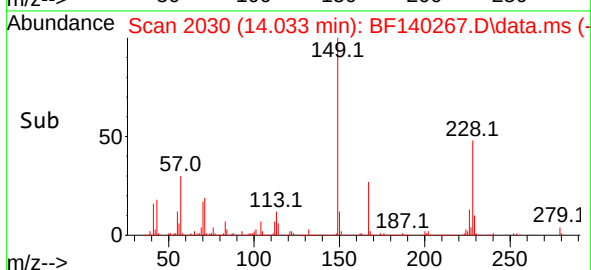
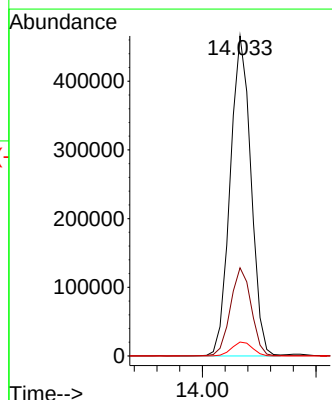
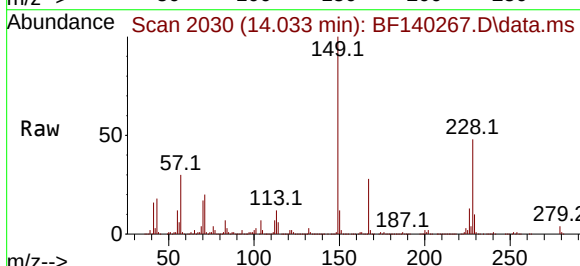
RT: 14.033 min Scan# 2030

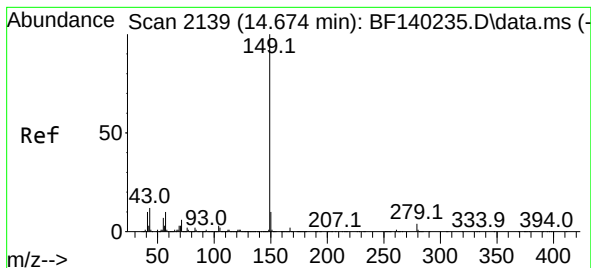
Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

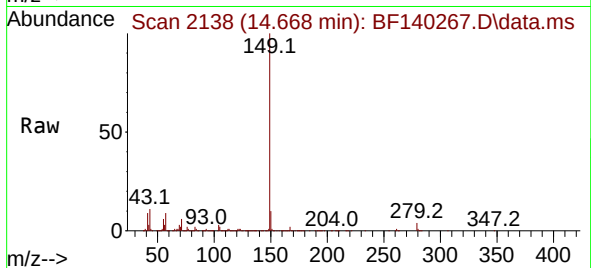
Tgt Ion:	149	Resp:	591398
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.8	32.8
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 44.953 ng
RT: 14.668 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

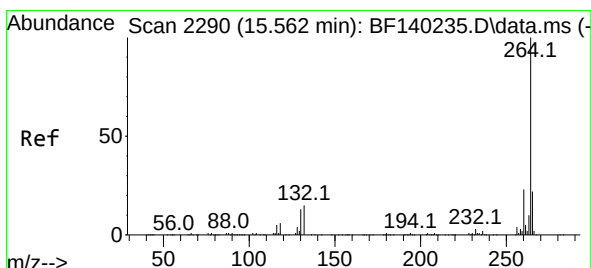
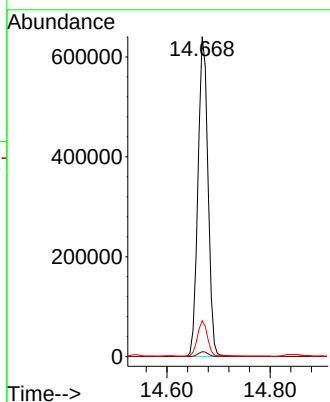
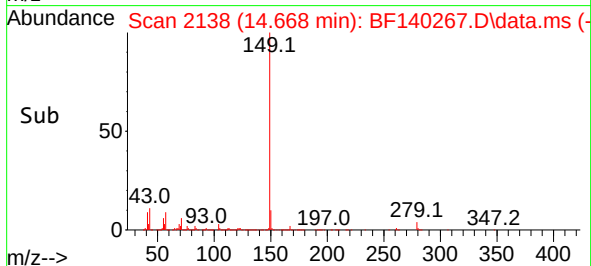
Instrument :
BNA_F
ClientSampleId :
BP-G4-WCMSD



Tgt Ion:149 Resp: 86152
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.7 14.5

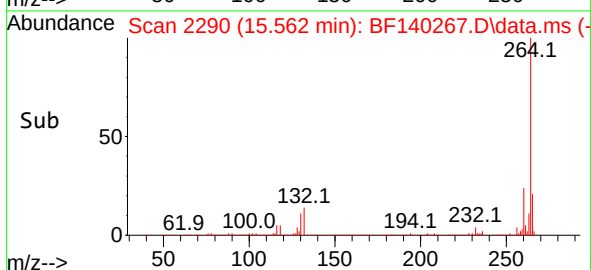
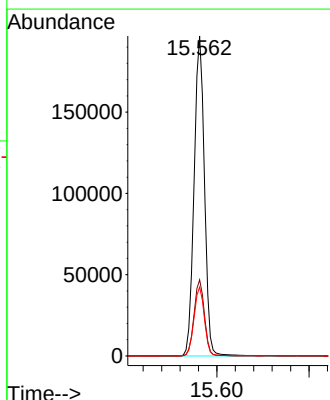
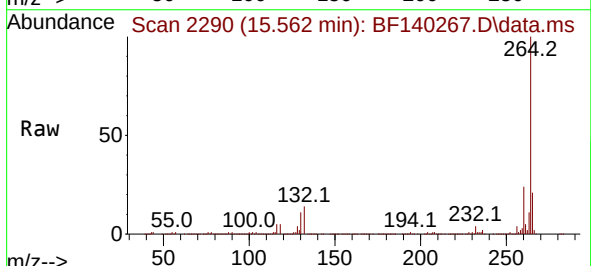
Manual Integrations
APPROVED

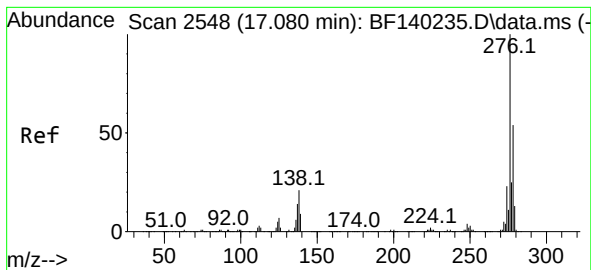
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:264 Resp: 306803
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.391 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD

Tgt Ion:276 Resp: 835462

Ion Ratio Lower Upper

276 100

138 21.7 17.6 26.4

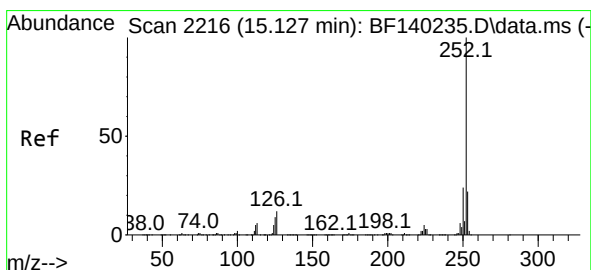
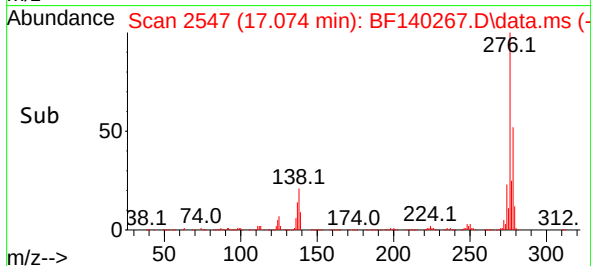
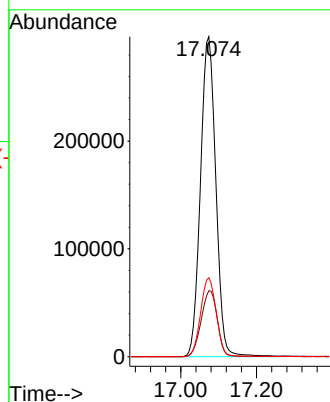
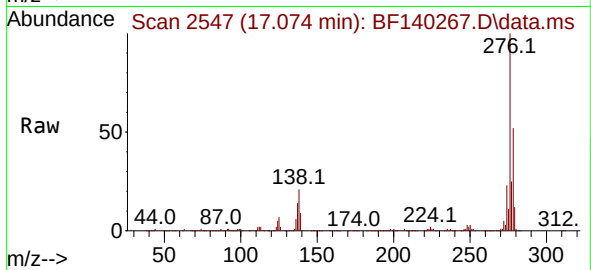
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#88

Benzo(b)fluoranthene

Concen: 45.256 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF140267.D

Acq: 07 Nov 2024 11:48

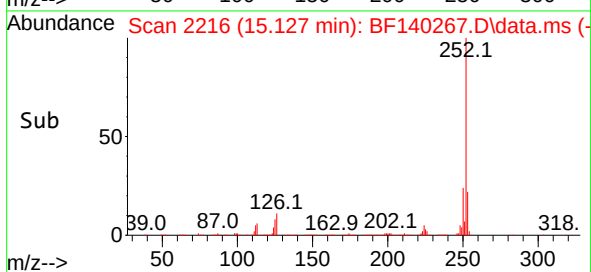
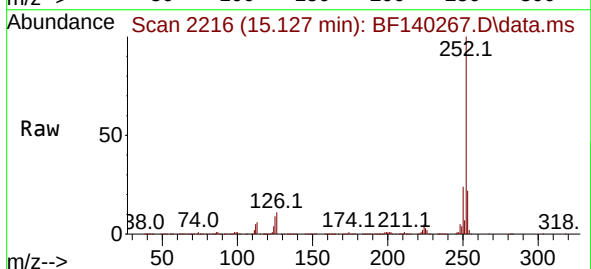
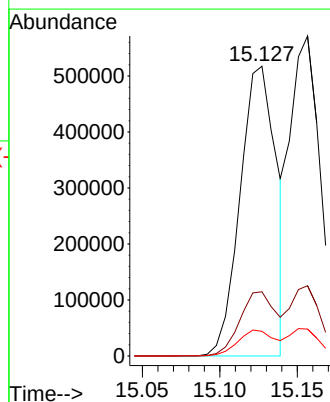
Tgt Ion:252 Resp: 839860

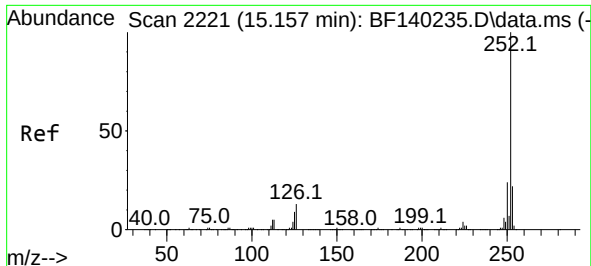
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 8.5 7.0 10.6





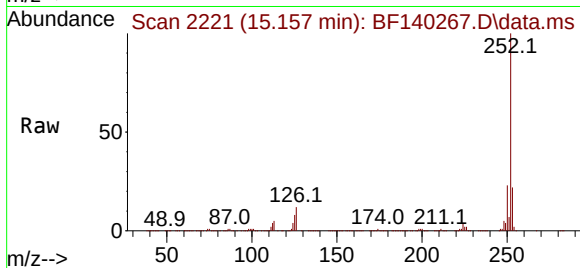
#89
Benzo(k)fluoranthene
Concen: 45.859 ng
RT: 15.157 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

BP-G4-WCMSD



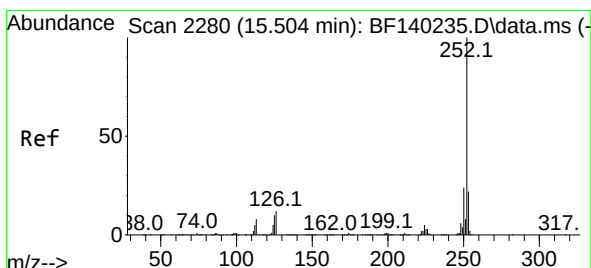
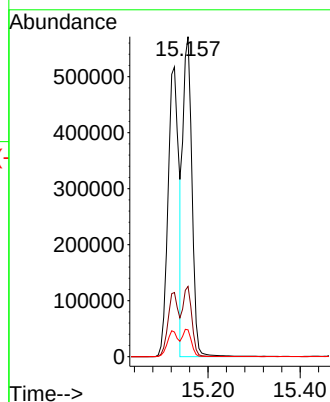
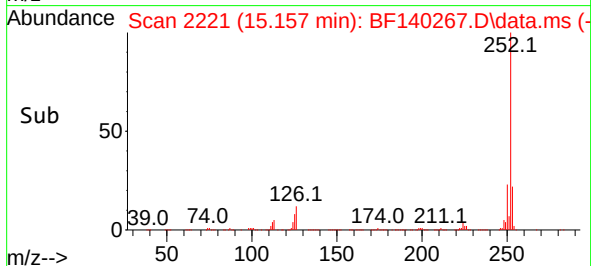
Tgt Ion:252 Resp: 78092
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.4 7.2 10.8

Manual Integrations

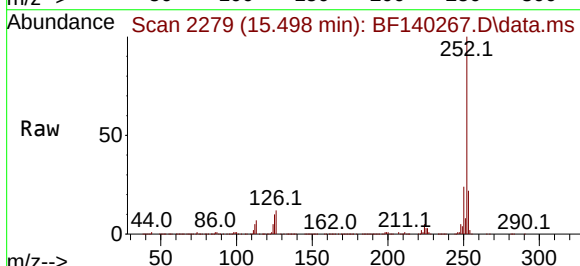
APPROVED

Reviewed By :Yogesh Patel 11/08/2024

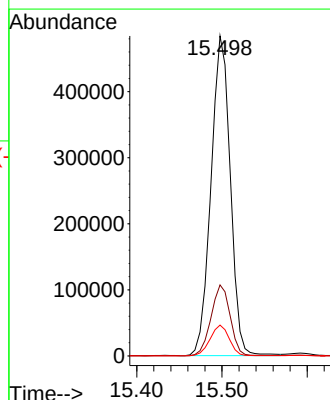
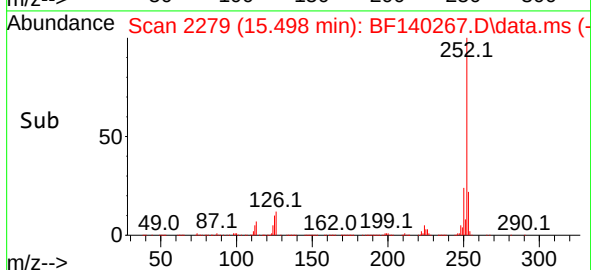
Supervised By :mohammad ahmed 11/11/2024

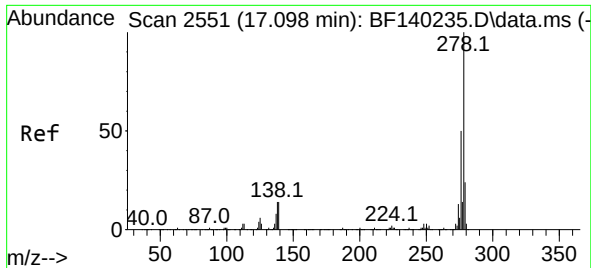


#90
Benzo(a)pyrene
Concen: 49.799 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48



Tgt Ion:252 Resp: 761964
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.6 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 46.088 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Instrument :

BNA_F

ClientSampleId :

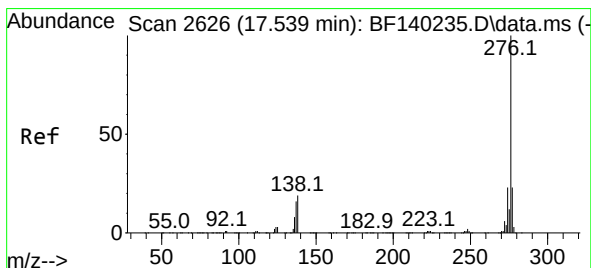
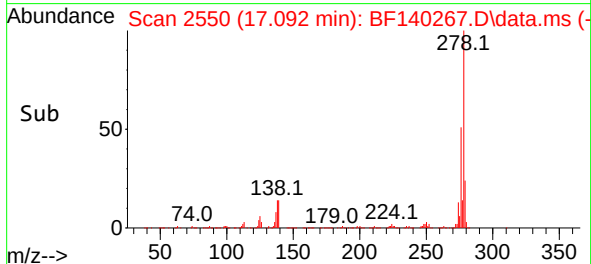
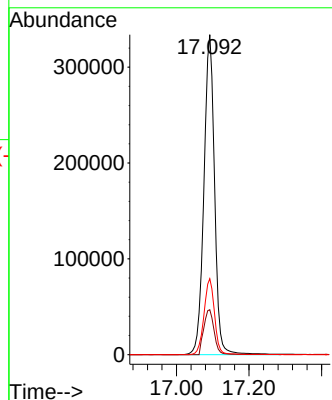
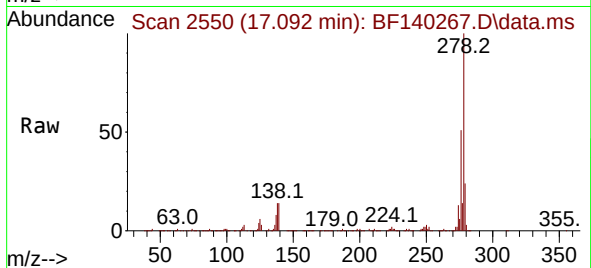
BP-G4-WCMSD

Tgt Ion:278 Resp: 68286
Ion Ratio Lower Upper
278 100
139 14.0 11.1 16.7
279 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#92
Benzo(g,h,i)perylene
Concen: 39.983 ng
RT: 17.527 min Scan# 2624
Delta R.T. -0.012 min
Lab File: BF140267.D
Acq: 07 Nov 2024 11:48

Tgt Ion:276 Resp: 604337
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 19.3 15.3 22.9

