

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140054.D
 Acq On : 26 Oct 2024 12:34
 Operator : RC/JU
 Sample : P4508-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F22MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:05:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	149613	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	589034	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	335149	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	594611	20.000	ng	0.00
76) Chrysene-d12	14.057	240	282495	20.000	ng	0.00
86) Perylene-d12	15.533	264	312725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	889735	93.098	ng	0.02
7) Phenol-d6	6.516	99	1136795	91.841	ng	0.00
23) Nitrobenzene-d5	7.451	82	719520	67.701	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	344493	109.890	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1255858	61.929	ng	0.00
79) Terphenyl-d14	12.998	244	1241337	71.602	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	180379	40.481	ng	95
3) Pyridine	3.540	79	455950	41.282	ng	97
4) n-Nitrosodimethylamine	3.499	42	250763	42.258	ng	97
6) Aniline	6.551	93	299009	25.920	ng	100
8) 2-Chlorophenol	6.675	128	443813	45.426	ng	97
9) Benzaldehyde	6.440	77	90877	13.051	ng	96
10) Phenol	6.528	94	554083m	43.420	ng	
11) bis(2-Chloroethyl)ether	6.622	93	421537	42.738	ng	99
12) 1,3-Dichlorobenzene	6.834	146	470964	41.993	ng	99
13) 1,4-Dichlorobenzene	6.910	146	478183	42.677	ng	99
14) 1,2-Dichlorobenzene	7.057	146	462426	44.220	ng	98
15) Benzyl Alcohol	7.028	79	414147	45.613	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	691210	41.099	ng	97
17) 2-Methylphenol	7.139	107	369418	44.343	ng	99
18) Hexachloroethane	7.404	117	174624	43.704	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	327012	43.560	ng	96
20) 3+4-Methylphenols	7.292	107	447301	41.977	ng	# 81
22) Acetophenone	7.298	105	601725	41.707	ng	99
24) Nitrobenzene	7.469	77	484756	41.602	ng	100
25) Isophorone	7.710	82	889990	44.121	ng	99
26) 2-Nitrophenol	7.786	139	231351	52.629	ng	97
27) 2,4-Dimethylphenol	7.822	122	370589	50.558	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	525721	43.017	ng	100
29) 2,4-Dichlorophenol	8.028	162	370410	44.366	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	383949	41.561	ng	99
31) Naphthalene	8.192	128	1269998	41.805	ng	100
32) Benzoic acid	7.939	122	259080	40.525	ng	97
33) 4-Chloroaniline	8.234	127	81139	7.833	ng	98
34) Hexachlorobutadiene	8.310	225	250687	43.188	ng	99
35) Caprolactam	8.616	113	117806m	44.377	ng	
36) 4-Chloro-3-methylphenol	8.722	107	414670	44.855	ng	99
37) 2-Methylnaphthalene	8.886	142	817791	43.955	ng	99
38) 1-Methylnaphthalene	8.986	142	761621	41.724	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	388997	43.022	ng	99
41) Hexachlorocyclopentadiene	9.039	237	436660	138.794	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	293296	45.817	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	292834	44.338	ng	98
46) 1,1'-Biphenyl	9.351	154	1002450	42.966	ng	99
47) 2-Chloronaphthalene	9.375	162	795518	42.334	ng	99
48) 2-Nitroaniline	9.469	65	273231	47.542	ng	93
49) Acenaphthylene	9.792	152	1250172	46.019	ng	100
50) Dimethylphthalate	9.651	163	946635	45.346	ng	100
51) 2,6-Dinitrotoluene	9.710	165	208987	46.236	ng	99
52) Acenaphthene	9.963	154	855407	48.675	ng	99
53) 3-Nitroaniline	9.875	138	98136	21.054	ng	100
54) 2,4-Dinitrophenol	9.986	184	210385	109.414	ng	# 1
55) Dibenzofuran	10.133	168	1100794	43.657	ng	100
56) 4-Nitrophenol	10.039	139	335038	93.426	ng	97
57) 2,4-Dinitrotoluene	10.116	165	281352	50.617	ng	99
58) Fluorene	10.480	166	827662	43.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	243584	47.046	ng	97
60) Diethylphthalate	10.351	149	918781	44.825	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	431623	44.504	ng	99
62) 4-Nitroaniline	10.498	138	203776	46.288	ng	97
63) Azobenzene	10.627	77	1001082	46.069	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	150921	62.225	ng	93
66) n-Nitrosodiphenylamine	10.586	169	780591	43.862	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	281354	45.931	ng	97
68) Hexachlorobenzene	11.027	284	308632	44.799	ng	96
69) Atrazine	11.116	200	258486	53.619	ng	99
70) Pentachlorophenol	11.216	266	356651	85.300	ng	99
71) Phenanthrene	11.439	178	1233063	43.902	ng	100
72) Anthracene	11.492	178	1228106	44.815	ng	100
73) Carbazole	11.645	167	1074236	42.150	ng	99
74) Di-n-butylphthalate	11.974	149	1349305	45.824	ng	100
75) Fluoranthene	12.627	202	1149087	40.470	ng	99
77) Benzidine	12.745	184	238617	51.369	ng	100
78) Pyrene	12.857	202	1137794	46.013	ng	100
80) Butylbenzylphthalate	13.474	149	446393	60.214	ng	96
81) Benzo(a)anthracene	14.045	228	848023	46.115	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	131557	24.536	ng	99
83) Chrysene	14.080	228	763112	45.259	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	562025	67.572	ng	100
85) Di-n-octyl phthalate	14.645	149	880674	58.213	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	823978	40.956	ng	98
88) Benzo(b)fluoranthene	15.098	252	773921	40.626	ng	99
89) Benzo(k)fluoranthene	15.127	252	789841	48.076	ng	99
90) Benzo(a)pyrene	15.468	252	755334	48.188	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	686971	40.932	ng	98
92) Benzo(g,h,i)perylene	17.486	276	580505	34.628	ng	98

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

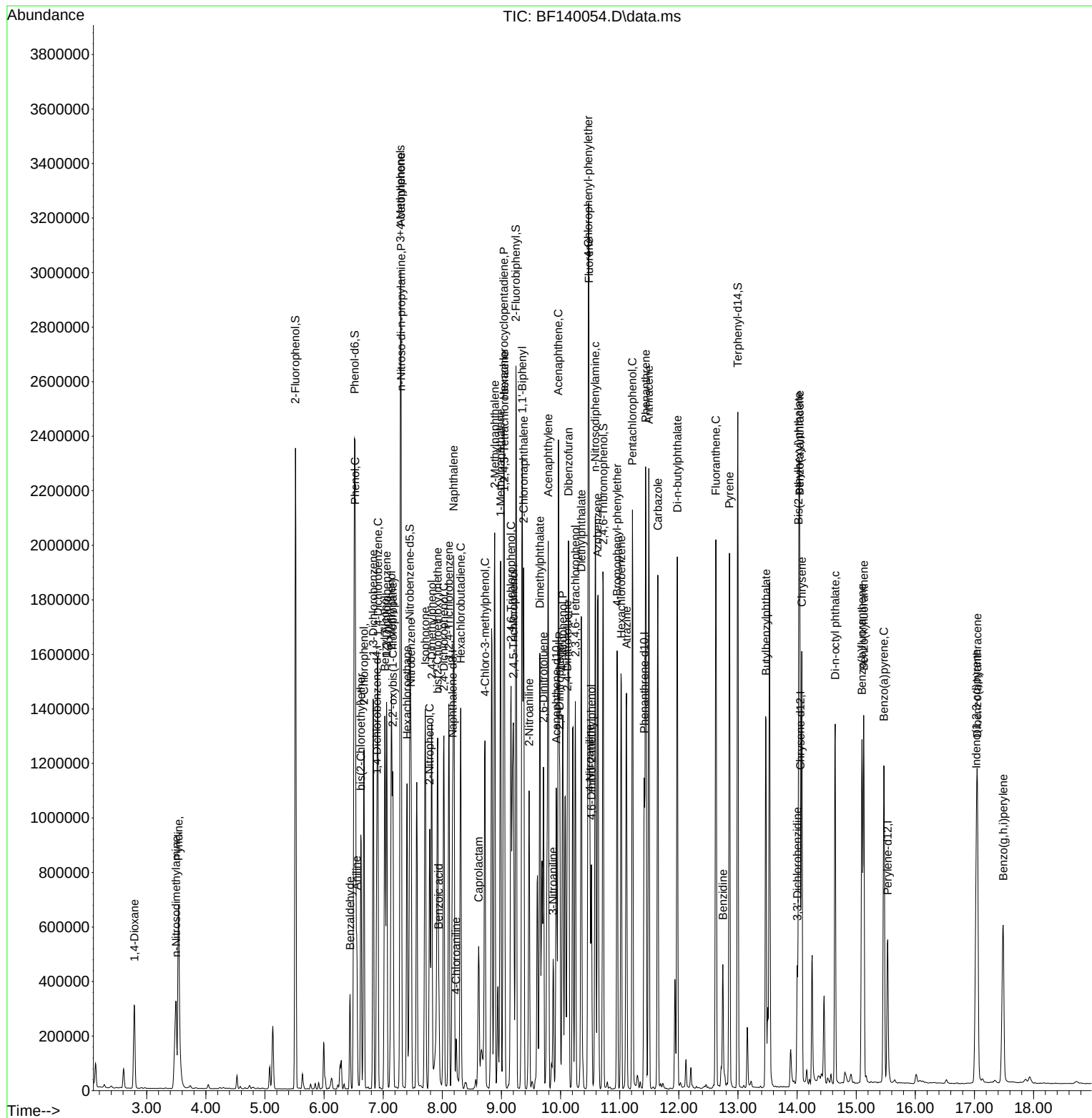
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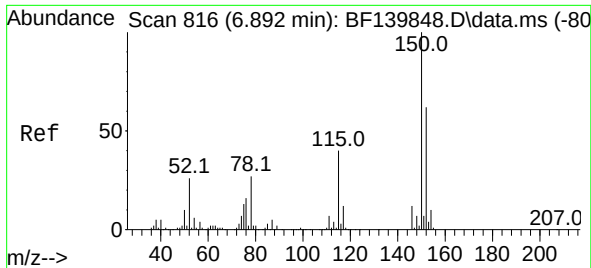
Instrument :
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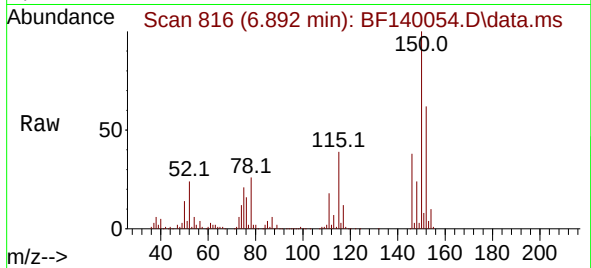
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

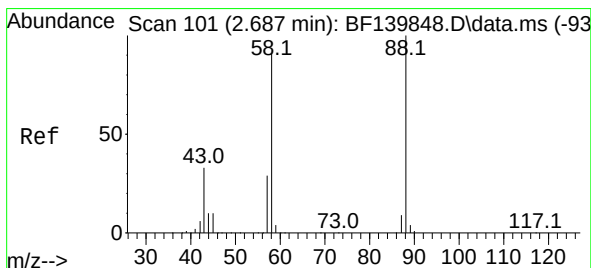
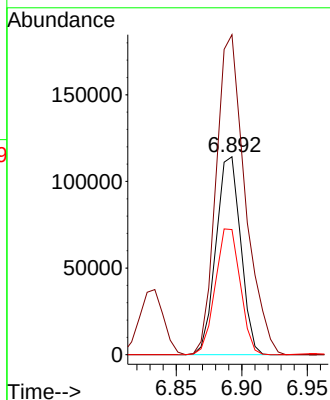
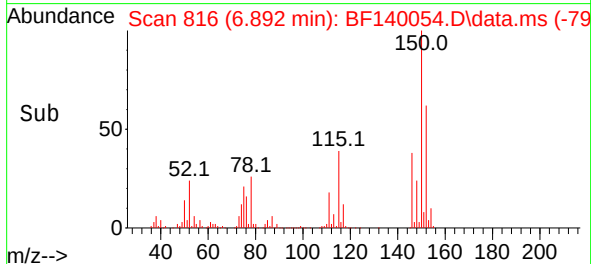
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



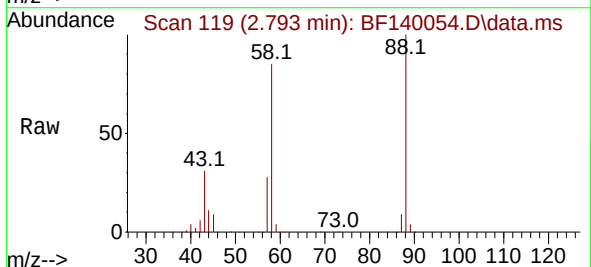
Tgt Ion:152 Resp: 14961
Ion Ratio Lower Upper
152 100
150 161.7 130.2 195.2
115 63.3 51.4 77.2

Manual Integrations
APPROVED

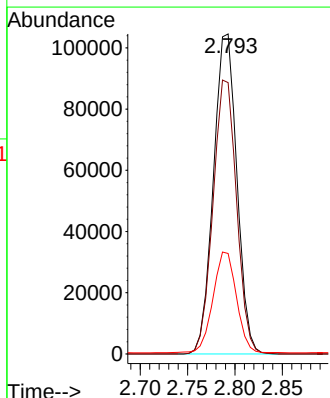
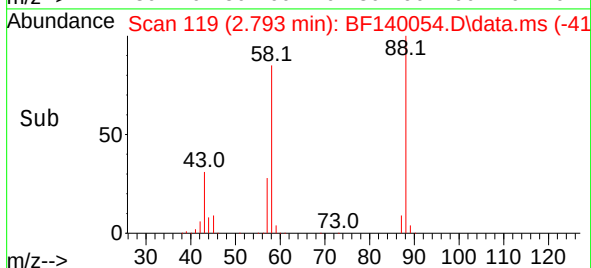
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

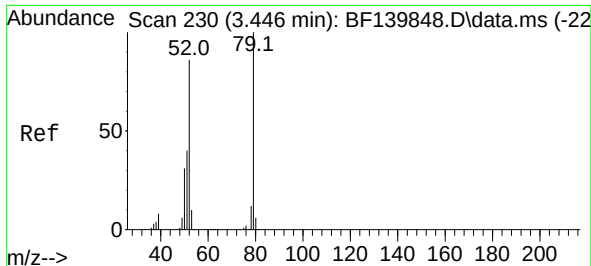


#2
1,4-Dioxane
Concen: 40.481 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.106 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion: 88 Resp: 180379
Ion Ratio Lower Upper
88 100
58 86.0 73.3 109.9
43 31.7 27.1 40.7





#3

Pyridine

Concen: 41.282 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.094 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion: 79 Resp: 455950

Ion Ratio Lower Upper

79 100

52 82.3 68.5 102.7

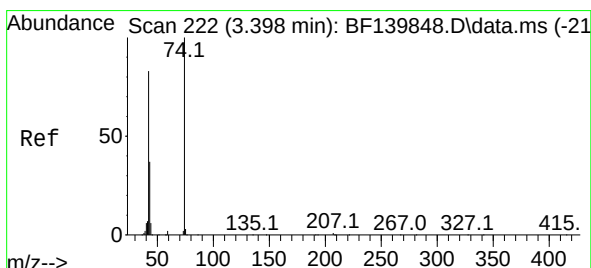
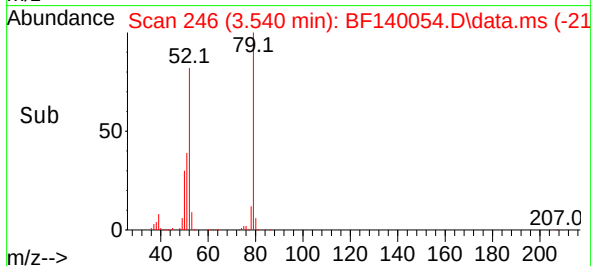
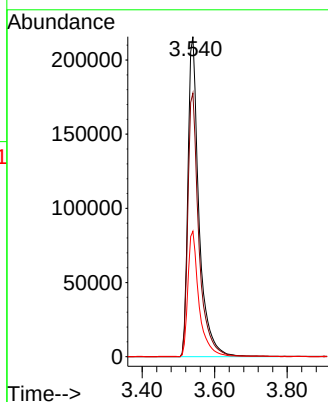
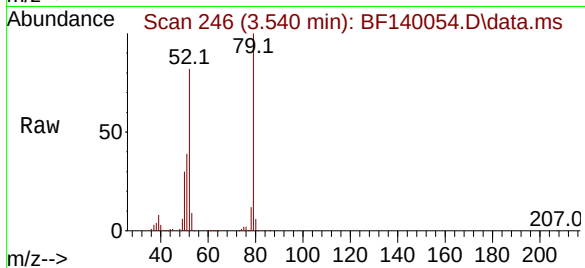
51 39.2 32.3 48.5

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/29/2024



#4

n-Nitrosodimethylamine

Concen: 42.258 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.100 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

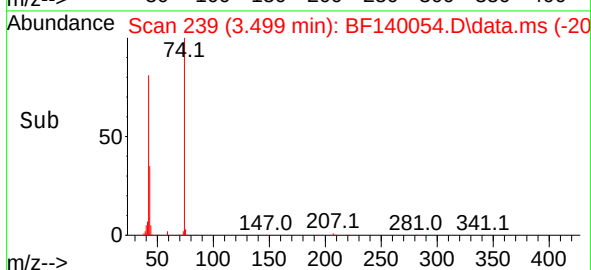
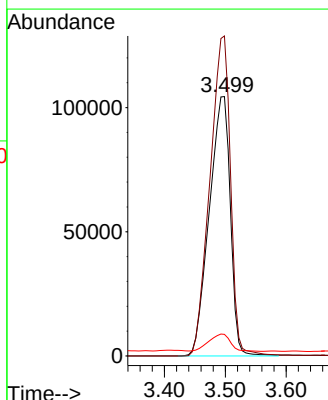
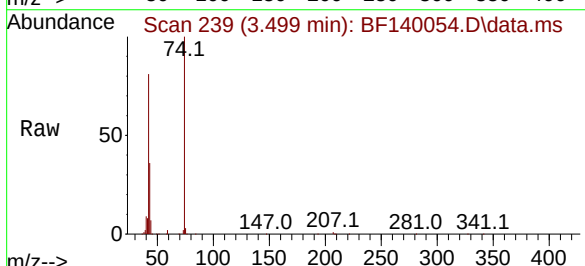
Tgt Ion: 42 Resp: 250763

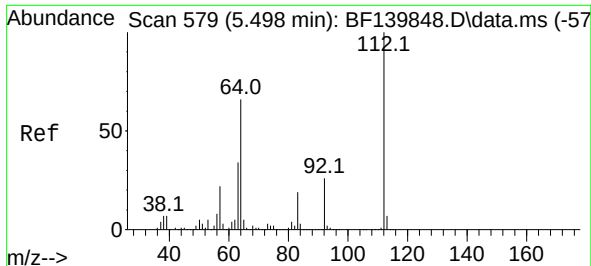
Ion Ratio Lower Upper

42 100

74 123.4 96.2 144.4

44 8.4 6.2 9.2





#5
2-Fluorophenol
Concen: 93.098 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

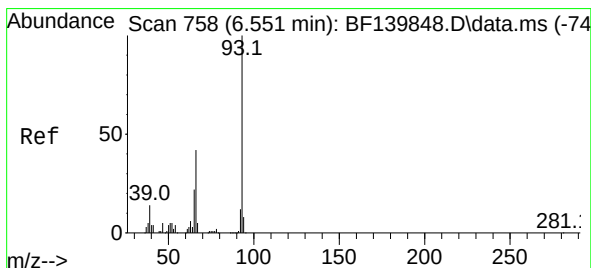
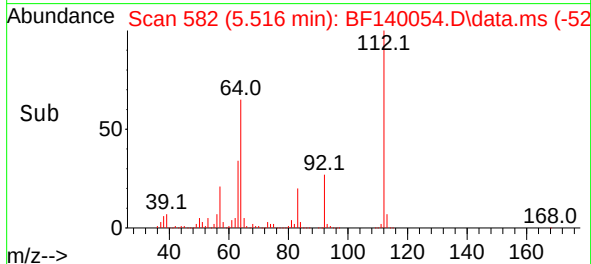
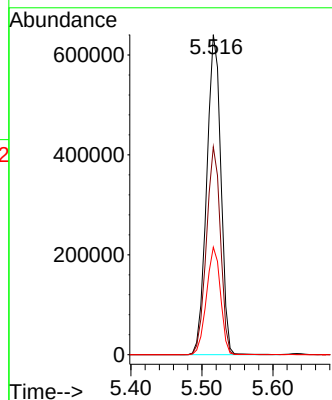
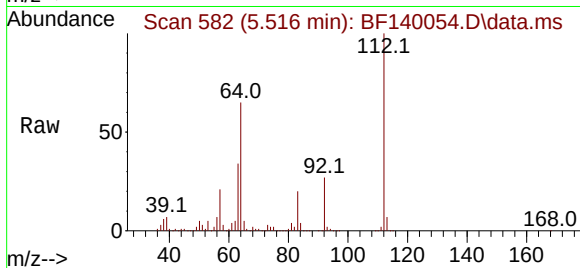
BP-F22MS

Tgt Ion:112 Resp: 889735
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.6 27.0 40.4

Manual Integrations

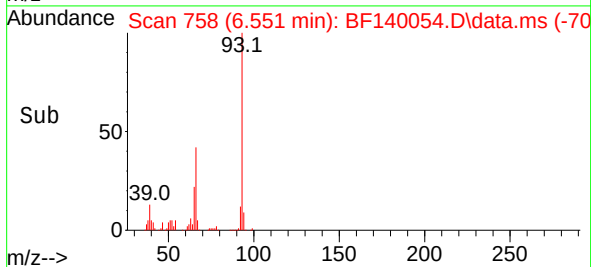
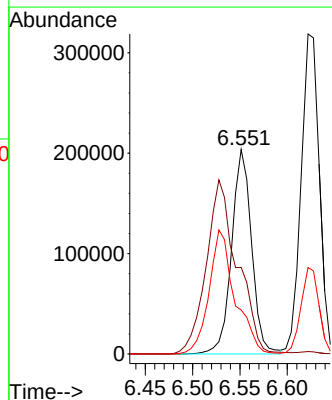
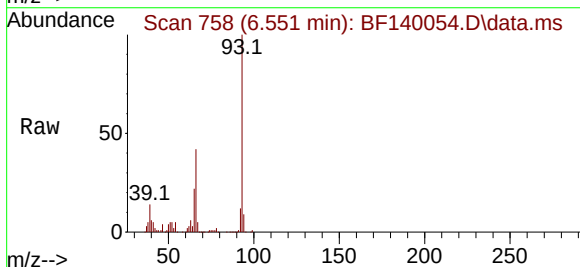
APPROVED

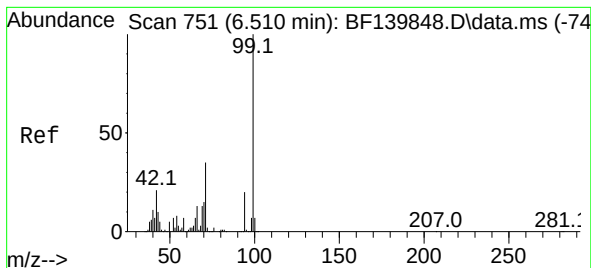
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#6
Aniline
Concen: 25.920 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion: 93 Resp: 299009
Ion Ratio Lower Upper
93 100
66 42.3 34.0 51.0
65 21.6 17.4 26.0





#7

Phenol-d6

Concen: 91.841 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140054.D

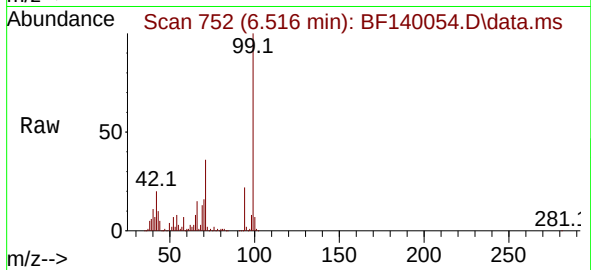
Acq: 26 Oct 2024 12:34

Instrument :

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Tgt Ion: 99 Resp: 113679

Ion Ratio Lower Upper

99 100

42 20.0 16.7 25.1

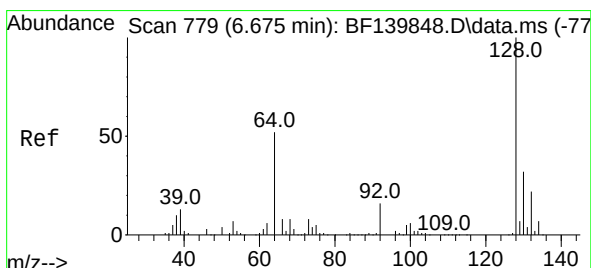
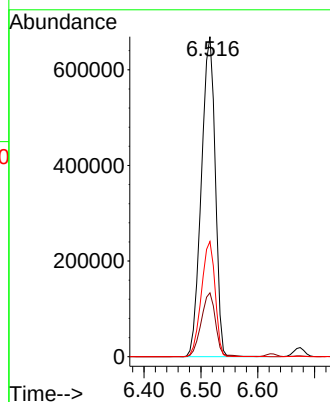
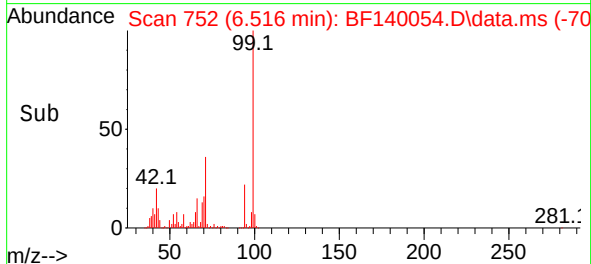
71 36.0 27.7 41.5

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#8

2-Chlorophenol

Concen: 45.426 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

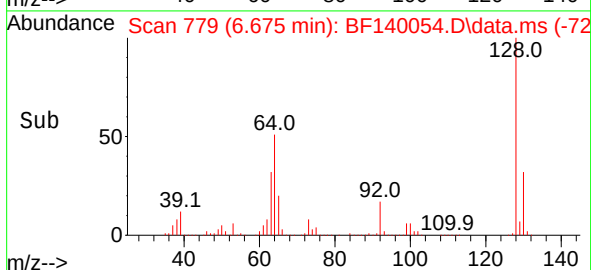
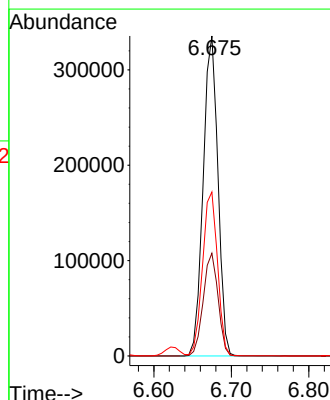
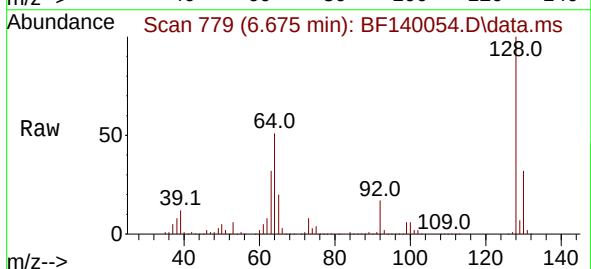
Tgt Ion:128 Resp: 443813

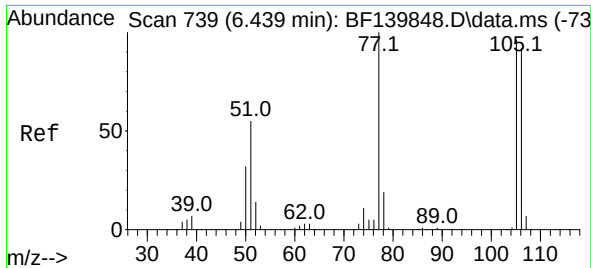
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 51.2 34.6 74.6





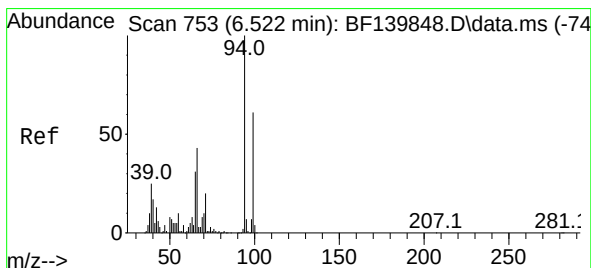
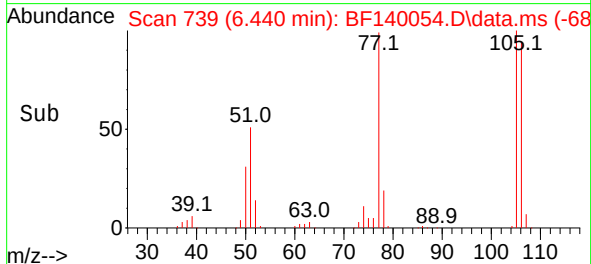
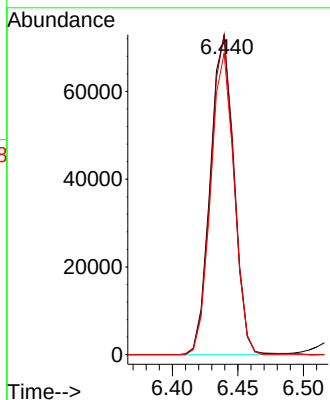
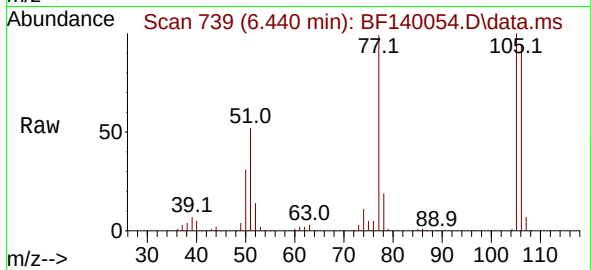
#9
Benzaldehyde
Concen: 13.051 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF140054.D
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Instrument :
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ClientSampleId :
BP-F22MS

Tgt Ion: 77 Resp: 9087
Ion Ratio Lower Upper
77 100
105 100.5 75.5 115.5
106 94.7 71.7 111.7

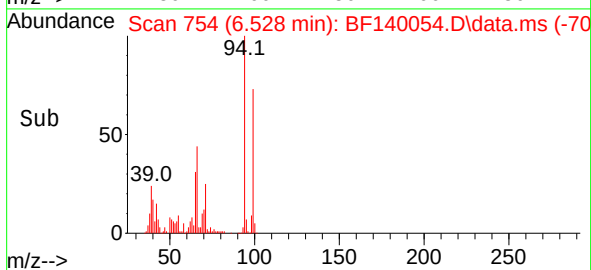
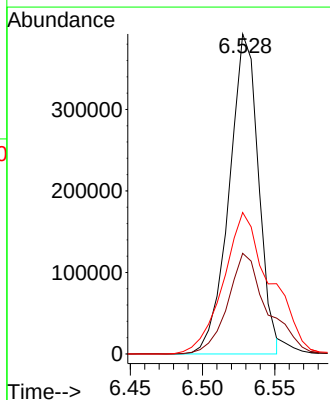
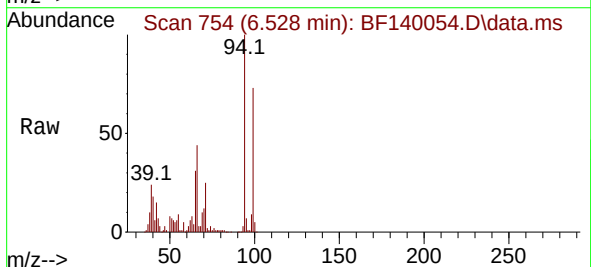
Manual Integrations
APPROVED

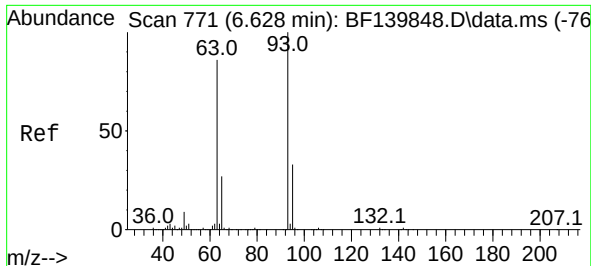
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#10
Phenol
Concen: 43.420 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

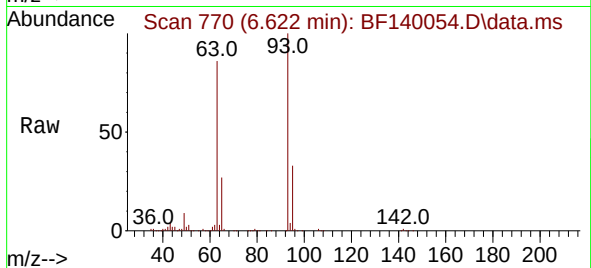
Tgt Ion: 94 Resp: 554083
Ion Ratio Lower Upper
94 100
65 31.5 11.1 51.1
66 44.2 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 42.738 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

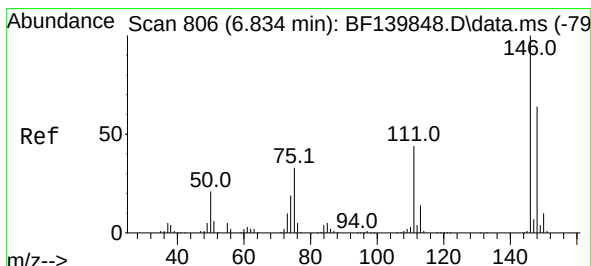
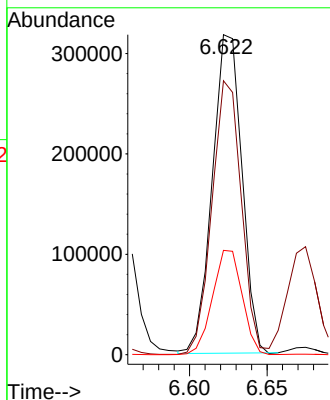
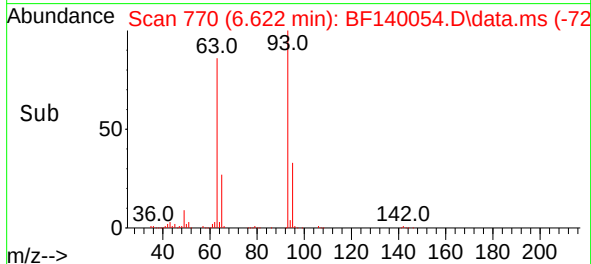
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion: 93 Resp: 42153
Ion Ratio Lower Upper
93 100
63 85.6 65.0 105.0
95 32.6 12.4 52.4

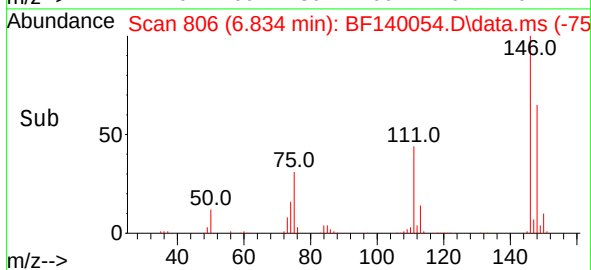
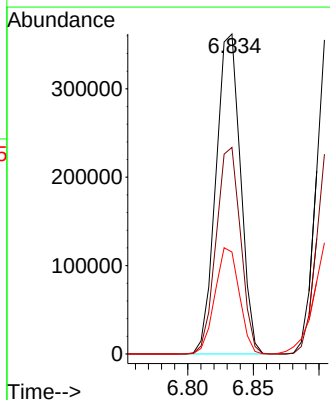
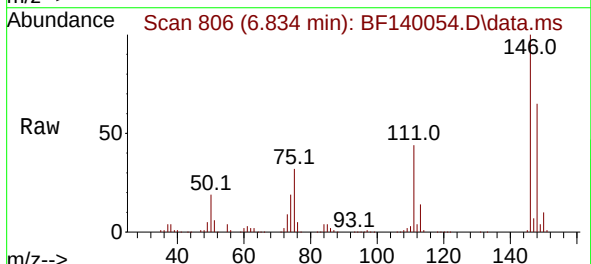
Manual Integrations
APPROVED

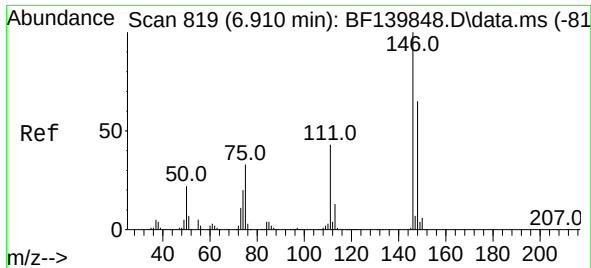
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#12
1,3-Dichlorobenzene
Concen: 41.993 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

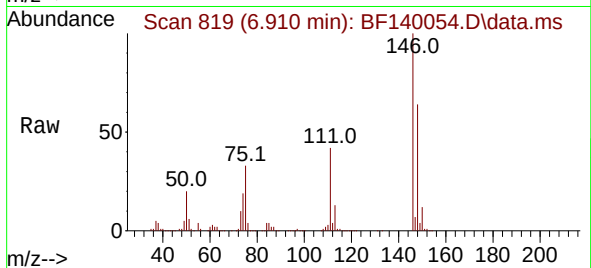
Tgt Ion:146 Resp: 470964
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 31.9 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 42.677 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

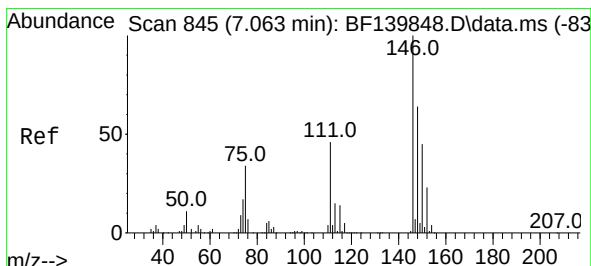
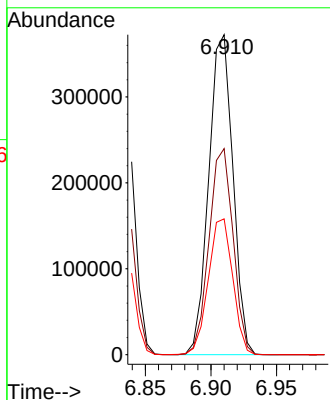
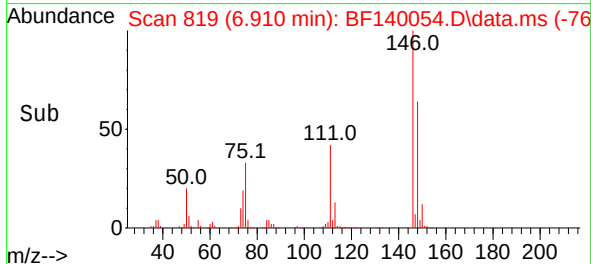
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



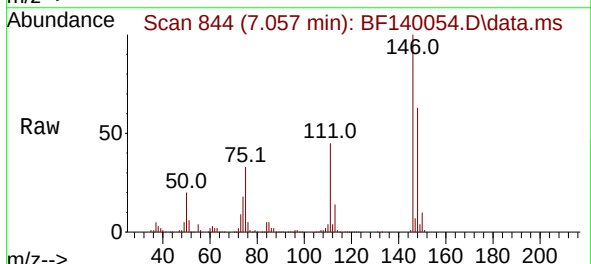
Tgt Ion:146 Resp: 47818
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 42.4 34.6 51.8

Manual Integrations
APPROVED

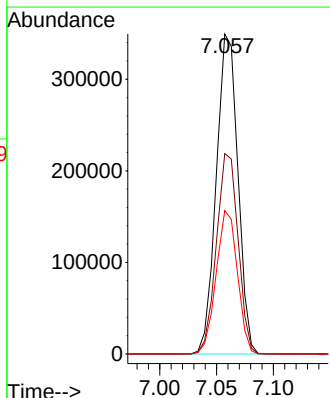
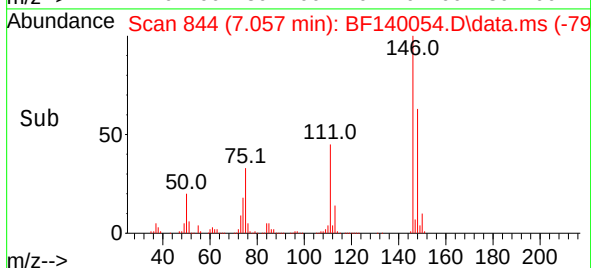
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

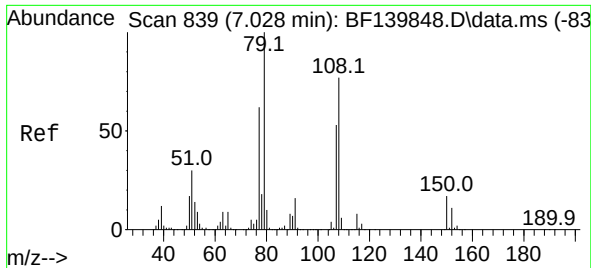


#14
1,2-Dichlorobenzene
Concen: 44.220 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



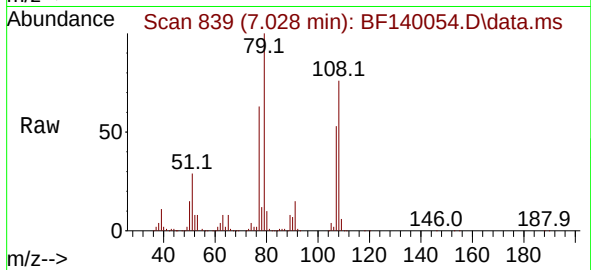
Tgt Ion:146 Resp: 462426
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
111 44.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 45.613 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

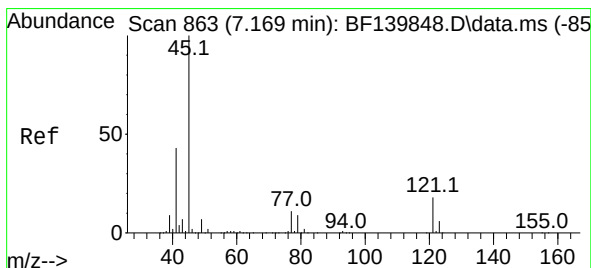
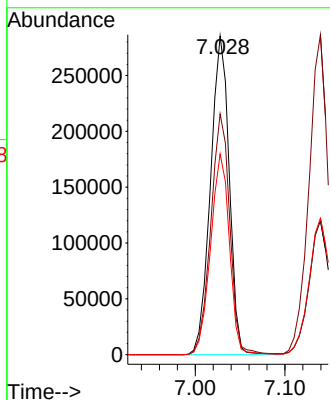
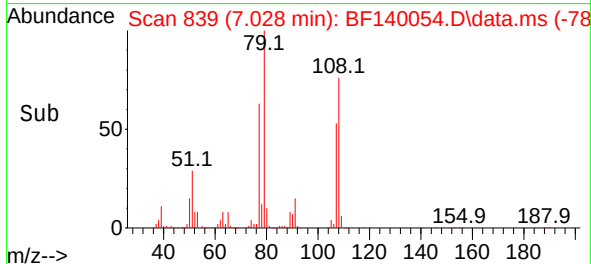
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



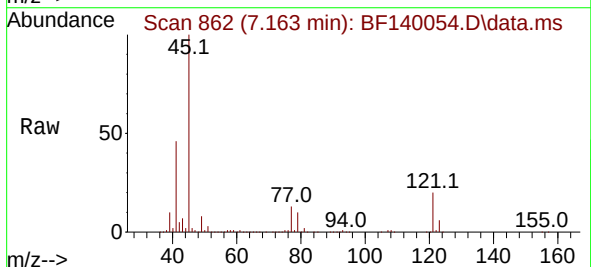
Tgt Ion: 79 Resp: 41414
Ion Ratio Lower Upper
79 100
108 75.5 61.4 92.0
77 63.0 49.9 74.9

Manual Integrations
APPROVED

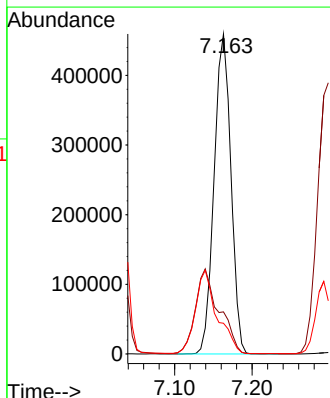
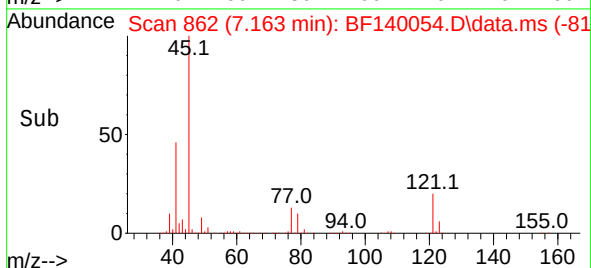
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

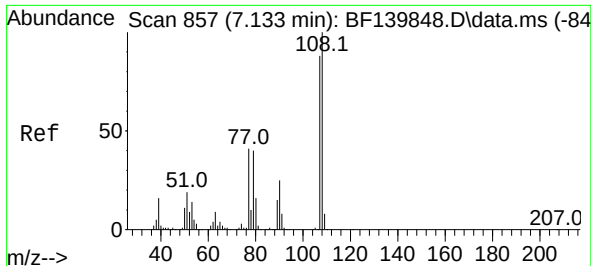


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.099 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



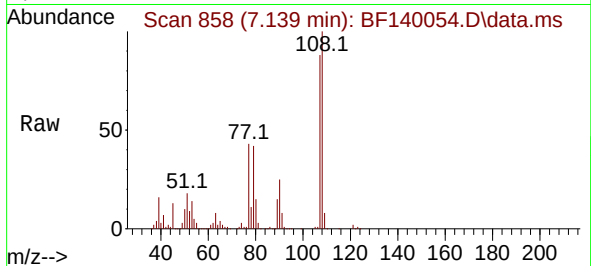
Tgt Ion: 45 Resp: 691210
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 44.343 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

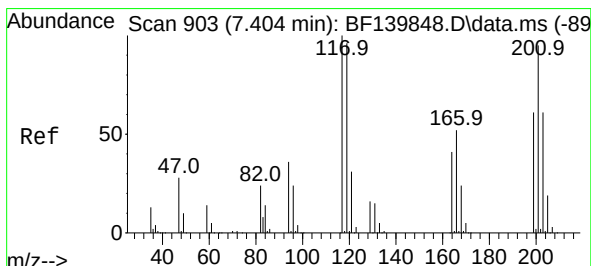
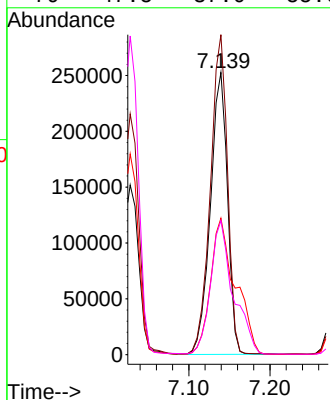
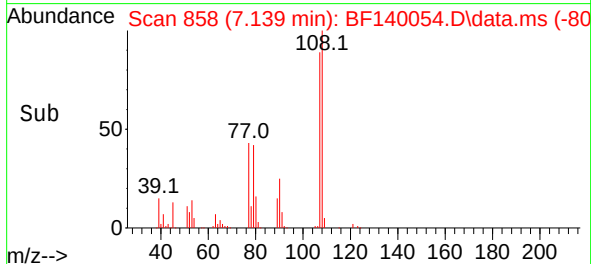
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:107 Resp: 369418
Ion Ratio Lower Upper
107 100
108 113.4 91.3 136.9
77 48.4 37.1 55.7
79 47.5 37.0 55.6

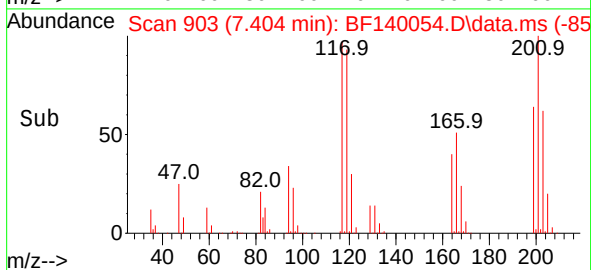
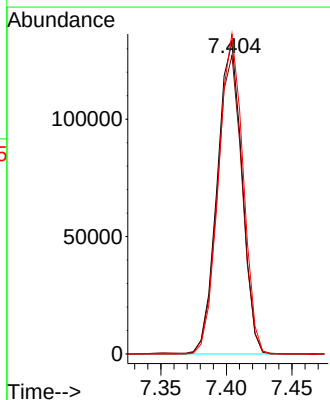
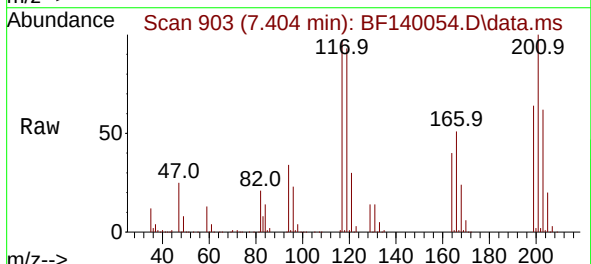
Manual Integrations
APPROVED

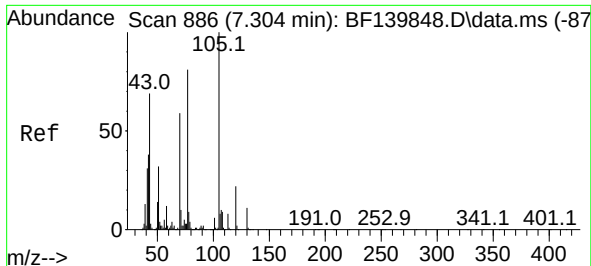
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#18
Hexachloroethane
Concen: 43.704 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

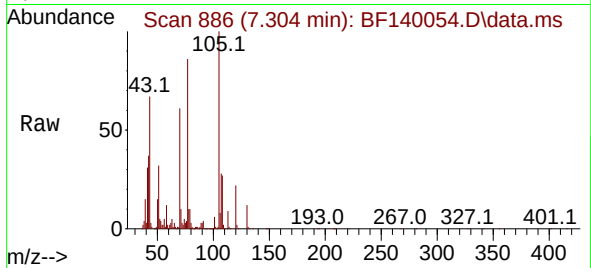
Tgt Ion:117 Resp: 174624
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4
201 102.7 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.560 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

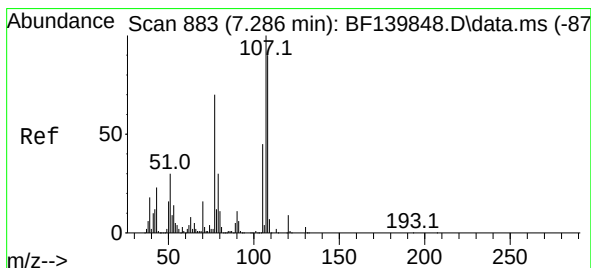
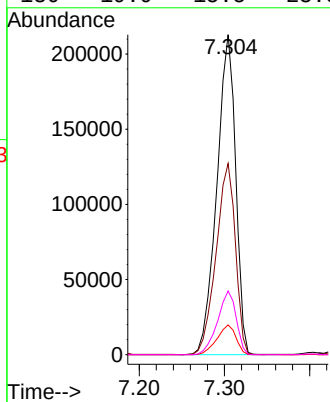
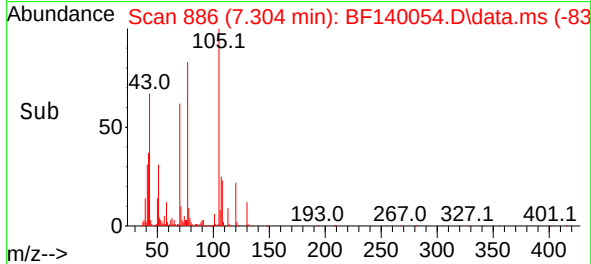
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



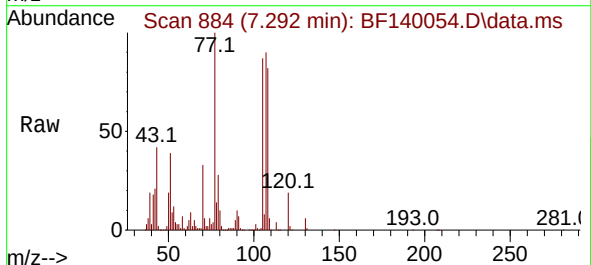
Tgt Ion: 70 Resp: 327012
Ion Ratio Lower Upper
70 100
42 59.7 51.5 77.3
101 9.3 7.5 11.3
130 19.9 15.5 23.3

Manual Integrations
APPROVED

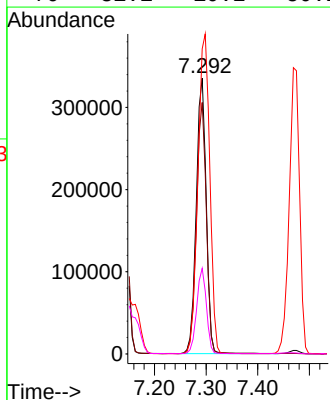
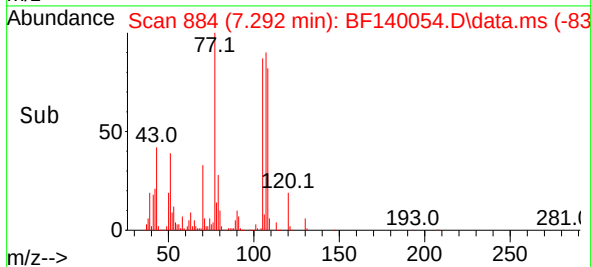
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

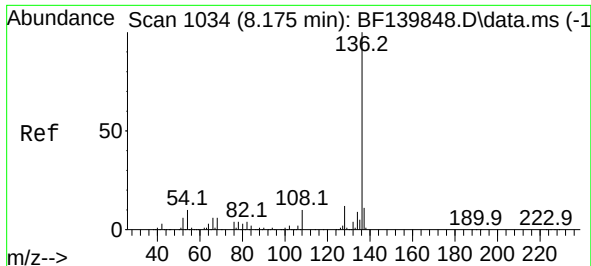


#20
3+4-Methylphenols
Concen: 41.977 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



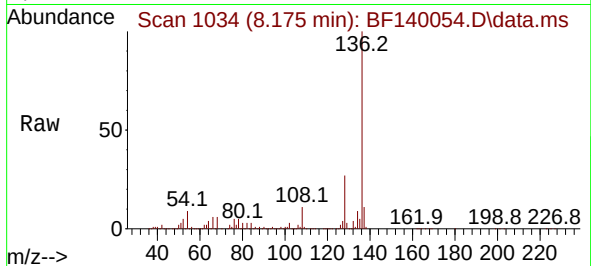
Tgt Ion:107 Resp: 447301
Ion Ratio Lower Upper
107 100
108 91.3 69.8 109.8
77 110.7 50.5 90.5#
79 31.1 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :
BNA_F
ClientSampleId :
BP-F22MS

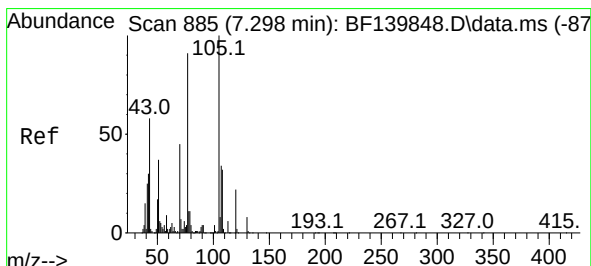
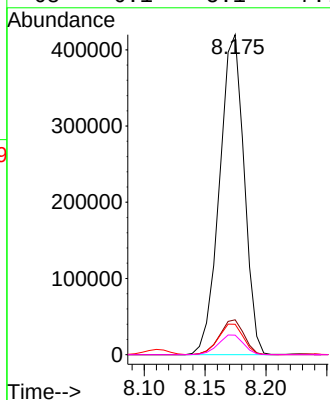
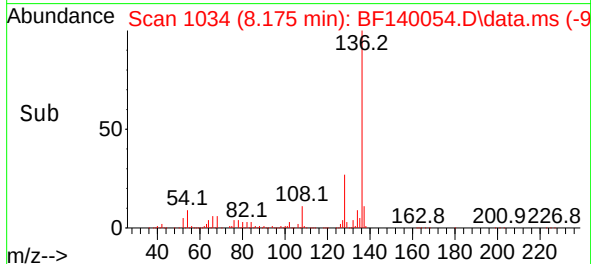


Tgt Ion:136 Resp: 589034

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.1	5.1	7.7

Manual Integrations
APPROVED

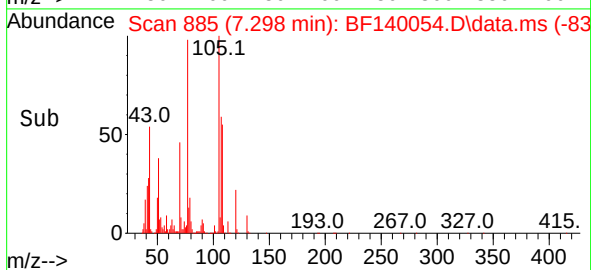
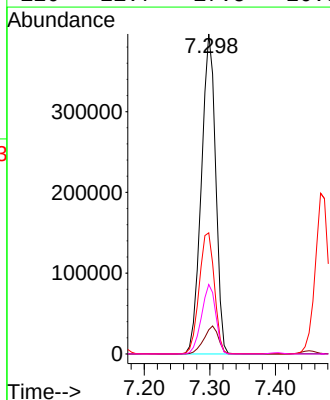
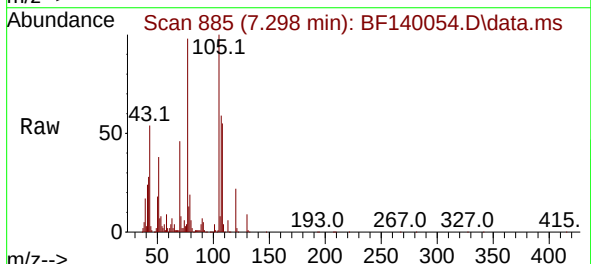
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

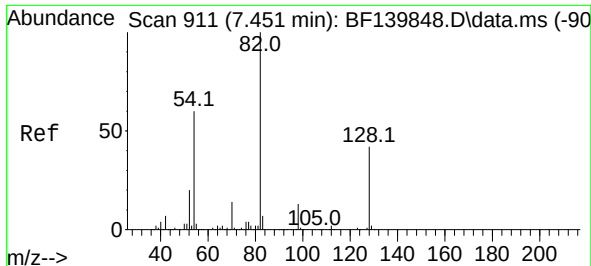


#22
Acetophenone
Concen: 41.707 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:105 Resp: 601725

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.9	8.9
51	37.9	29.4	44.2
120	21.7	17.5	26.3





#23

Nitrobenzene-d5

Concen: 67.701 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

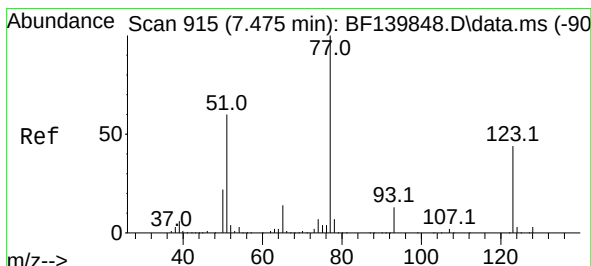
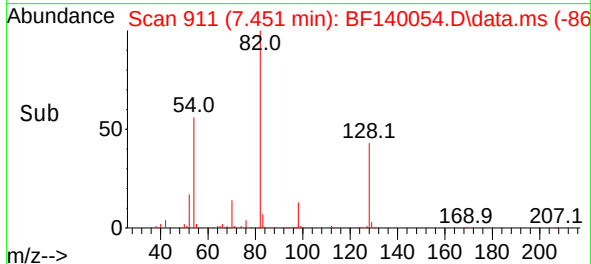
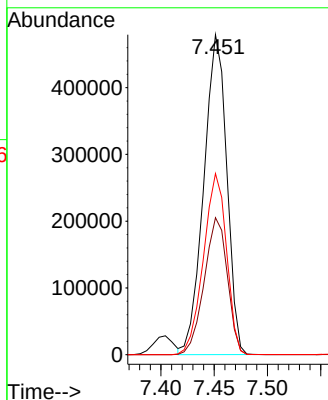
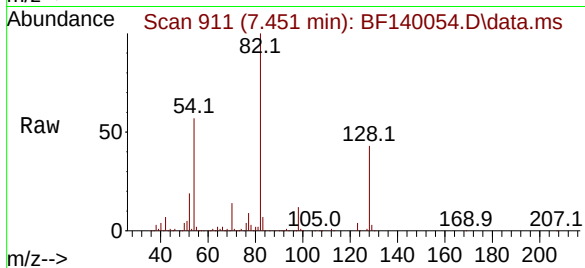
Tgt Ion: 82 Resp: 719520
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.4 50.0
 54 56.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#24

Nitrobenzene

Concen: 41.602 ng

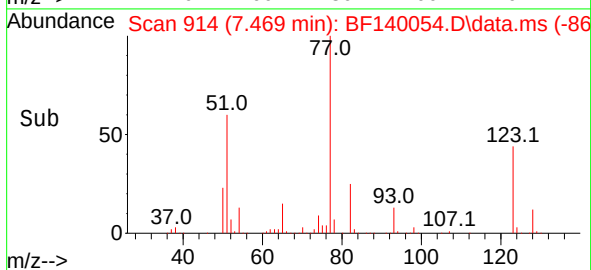
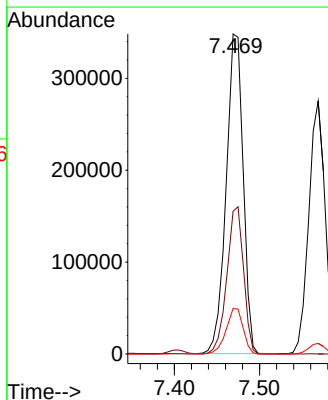
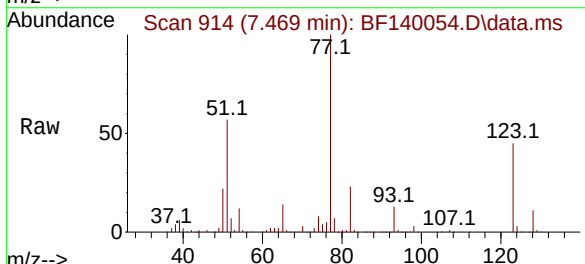
RT: 7.469 min Scan# 914

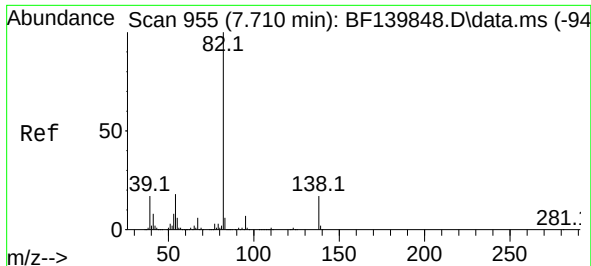
Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

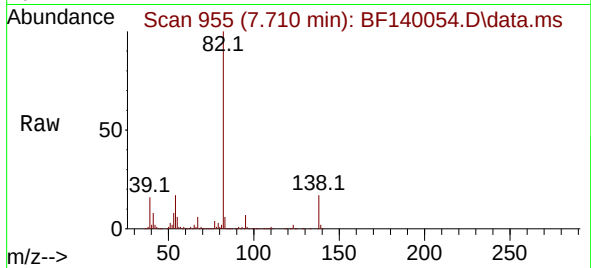
Tgt Ion: 77 Resp: 484756
 Ion Ratio Lower Upper
 77 100
 123 44.6 35.7 53.5
 65 14.2 11.5 17.3





#25
Isophorone
Concen: 44.121 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

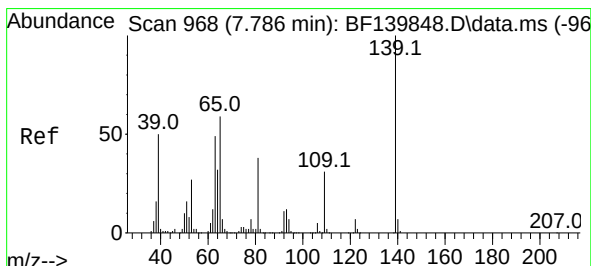
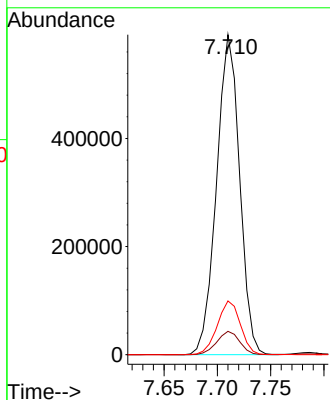
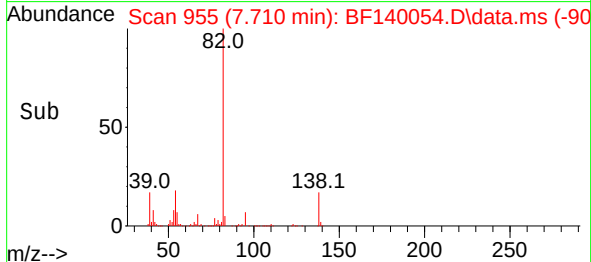
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



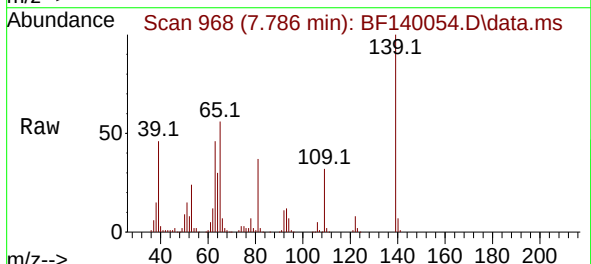
Tgt Ion: 82 Resp: 889990
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.8 13.2 19.8

Manual Integrations
APPROVED

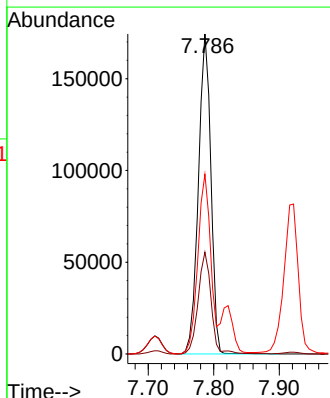
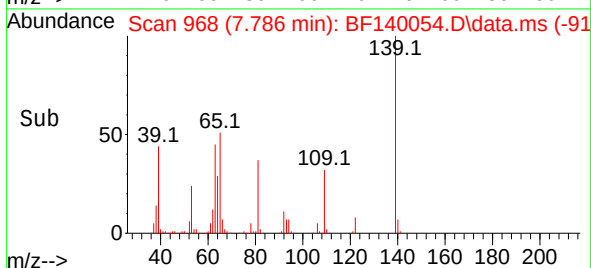
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

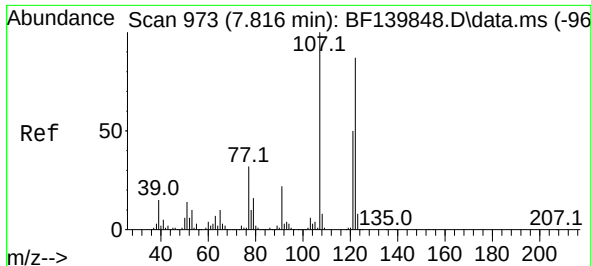


#26
2-Nitrophenol
Concen: 52.629 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



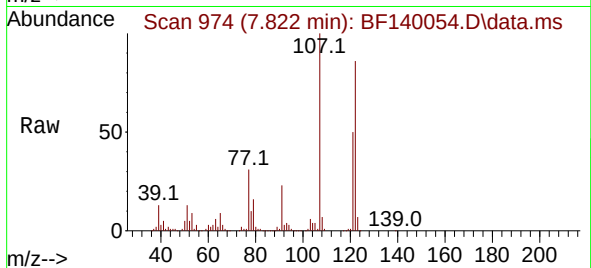
Tgt Ion:139 Resp: 231351
Ion Ratio Lower Upper
139 100
109 31.8 25.1 37.7
65 56.1 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 50.558 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

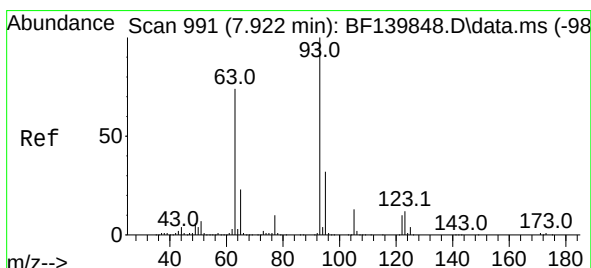
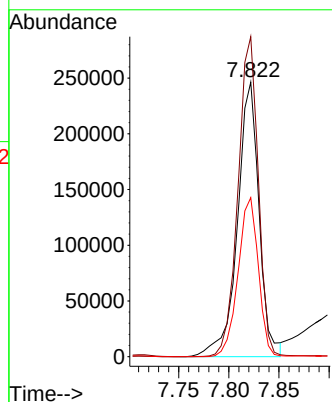
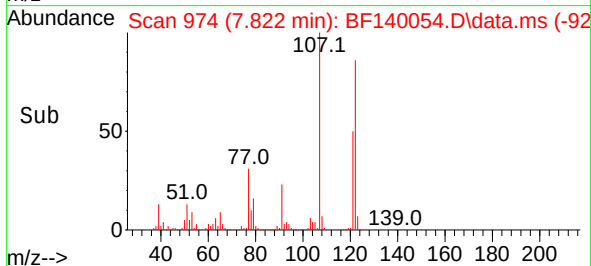
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:122 Resp: 370589
Ion Ratio Lower Upper
122 100
107 116.5 91.9 137.9
121 57.9 46.2 69.4

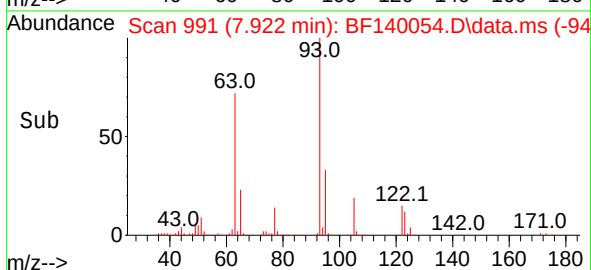
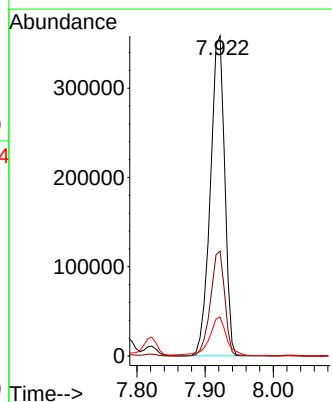
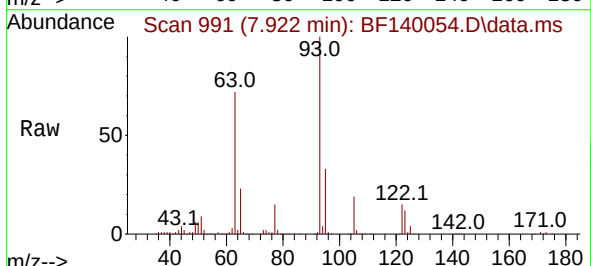
Manual Integrations
APPROVED

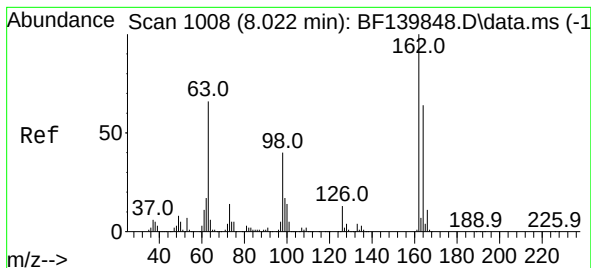
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.017 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion: 93 Resp: 525721
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.2 9.8 14.8





#29
2,4-Dichlorophenol
Concen: 44.366 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

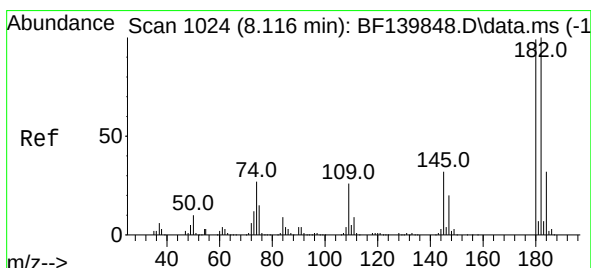
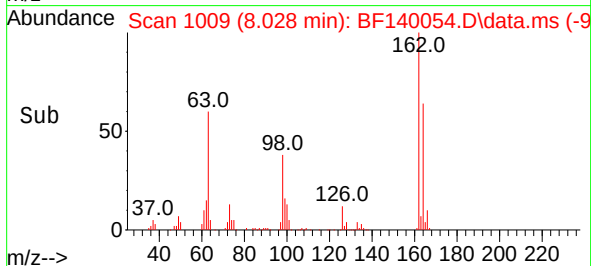
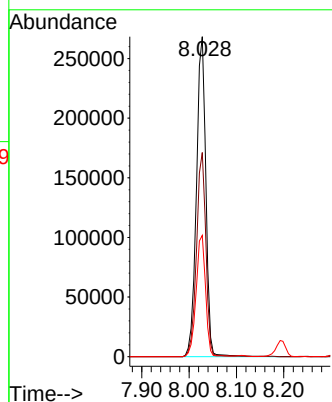
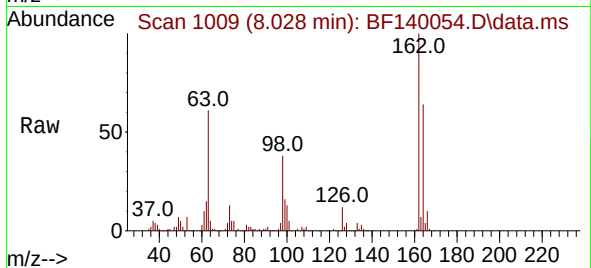
BP-F22MS

Tgt Ion:162 Resp: 370410
Ion Ratio Lower Upper
162 100
164 63.8 43.9 83.9
98 37.9 19.9 59.9

Manual Integrations

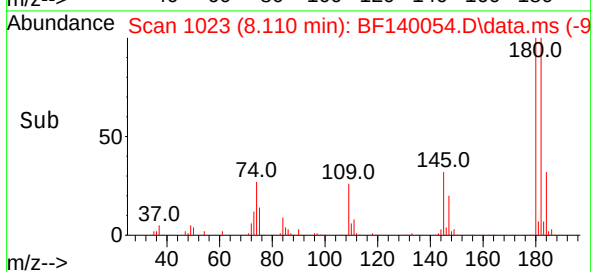
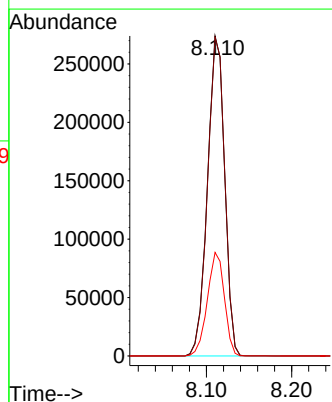
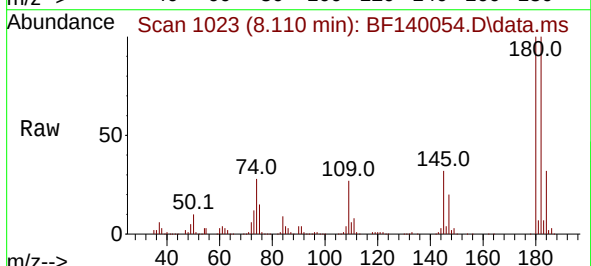
APPROVED

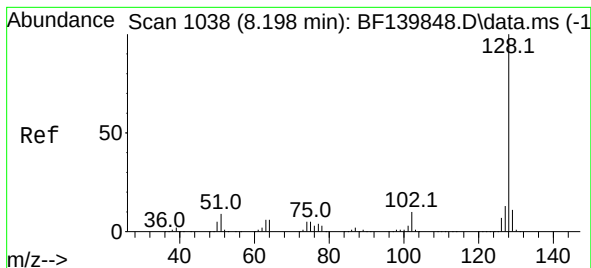
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.561 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:180 Resp: 383949
Ion Ratio Lower Upper
180 100
182 99.6 80.5 120.7
145 32.4 25.4 38.0





#31

Naphthalene

Concen: 41.805 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:128 Resp: 1269998

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

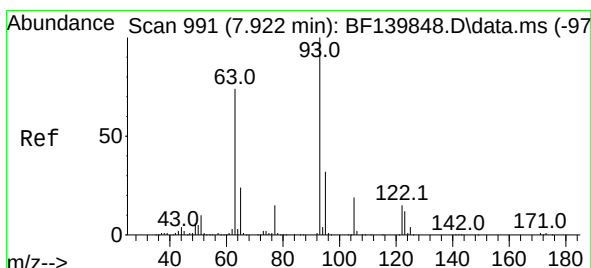
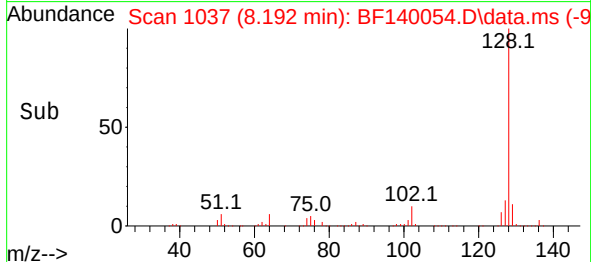
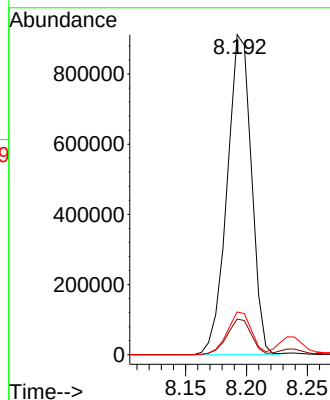
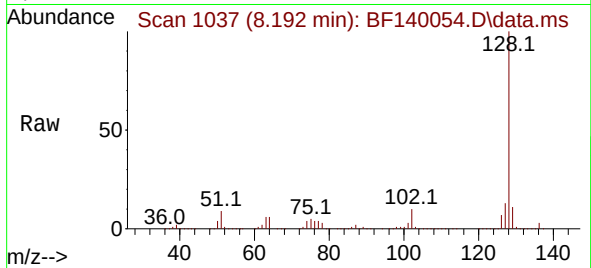
127 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#32

Benzoic acid

Concen: 40.525 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.017 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

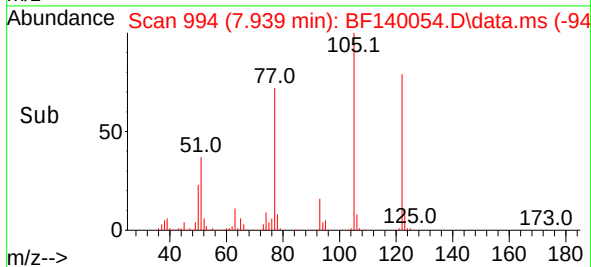
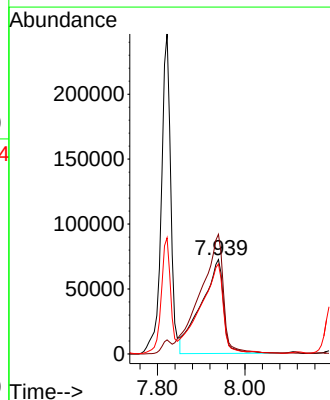
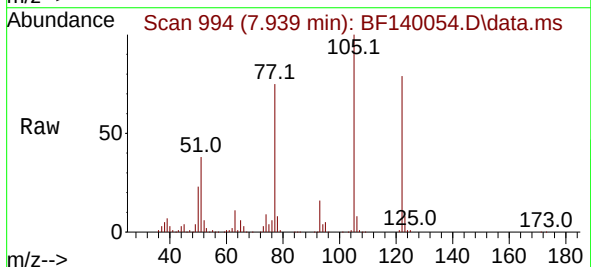
Tgt Ion:122 Resp: 259080

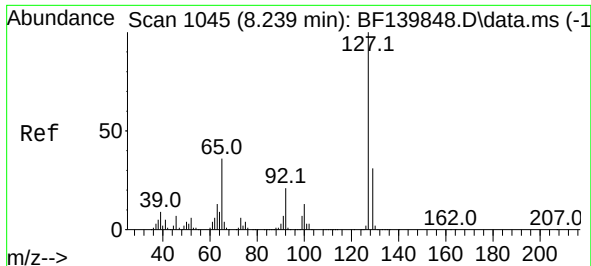
Ion Ratio Lower Upper

122 100

105 126.8 107.6 147.6

77 95.4 80.2 120.2





#33

4-Chloroaniline

Concen: 7.833 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:127 Resp: 81139

Ion Ratio Lower Upper

127 100

129 31.4 25.4 38.2

65 33.2 28.4 42.6

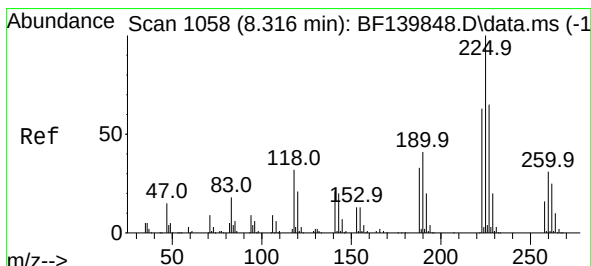
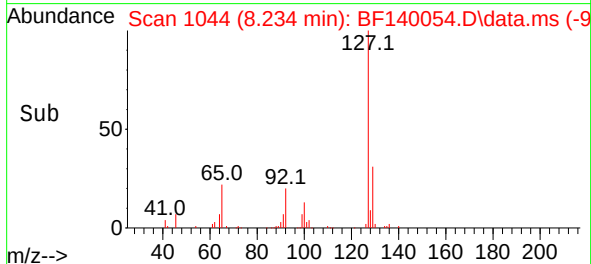
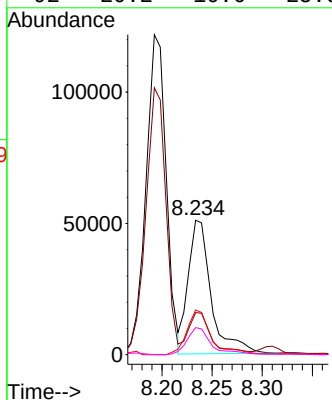
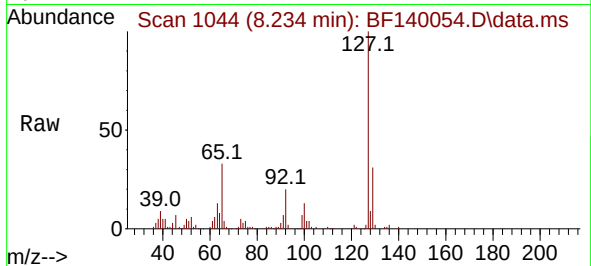
92 20.2 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#34

Hexachlorobutadiene

Concen: 43.188 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

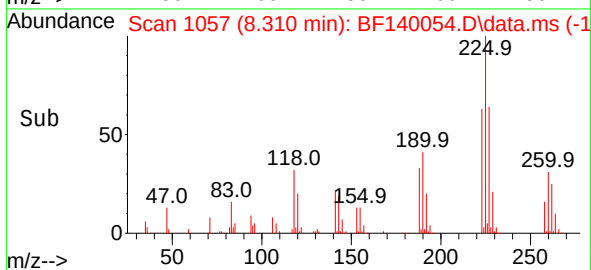
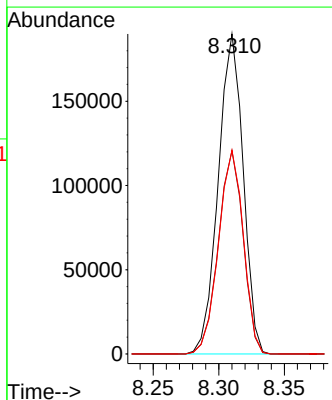
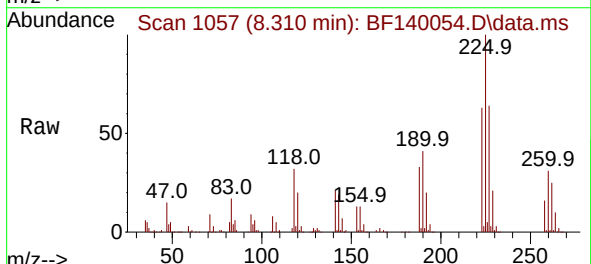
Tgt Ion:225 Resp: 250687

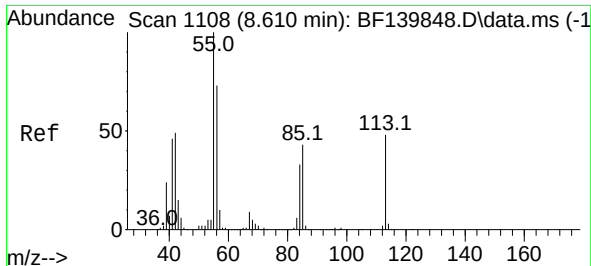
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 63.7 51.8 77.8





#35

Caprolactam

Concen: 44.377 ng m

RT: 8.616 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:113 Resp: 117800

Ion Ratio Lower Upper

113 100

55 199.1 189.2 229.2

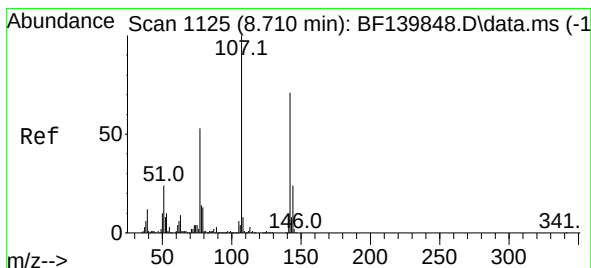
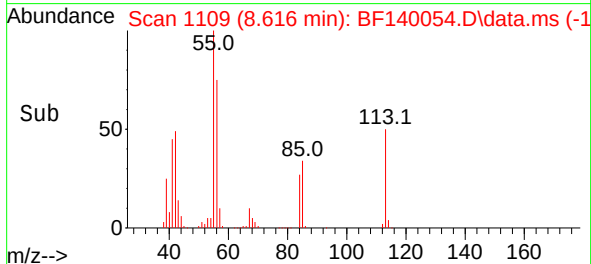
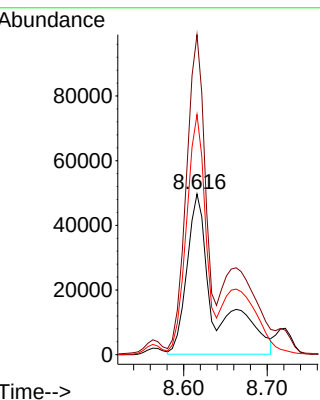
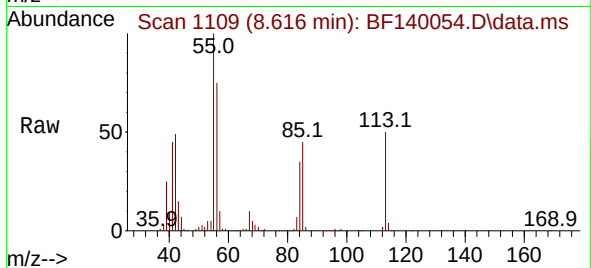
56 149.4 132.5 172.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#36

4-Chloro-3-methylphenol

Concen: 44.855 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.012 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

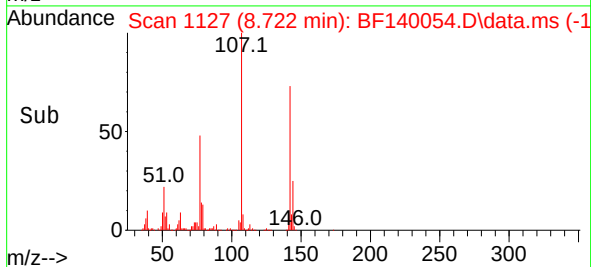
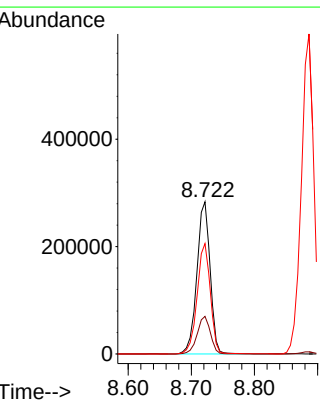
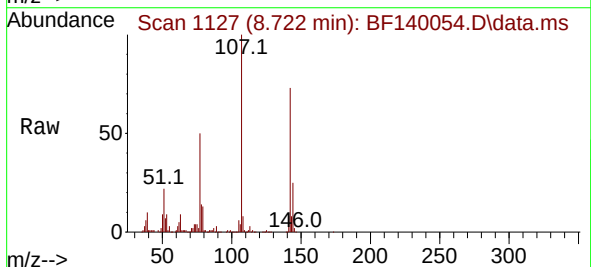
Tgt Ion:107 Resp: 414670

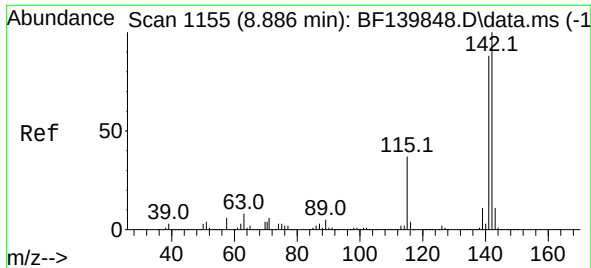
Ion Ratio Lower Upper

107 100

144 24.8 19.1 28.7

142 72.6 57.2 85.8





#37
2-Methylnaphthalene
Concen: 43.955 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

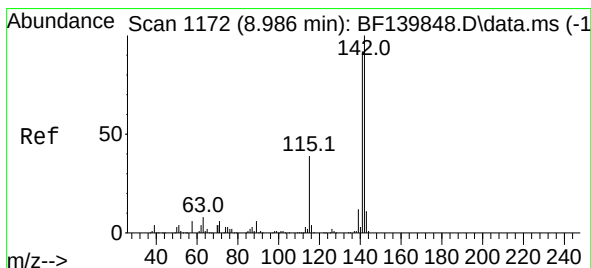
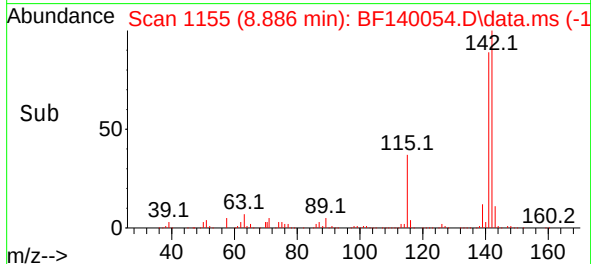
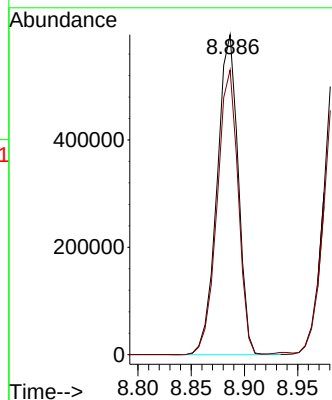
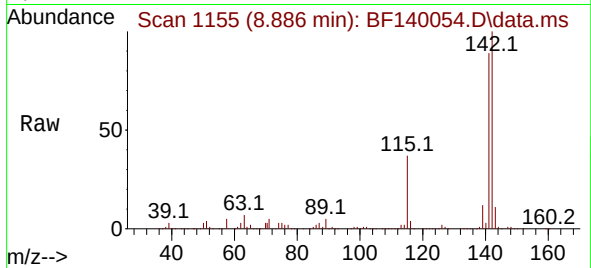
Tgt Ion:142 Resp: 81779
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

Manual Integrations

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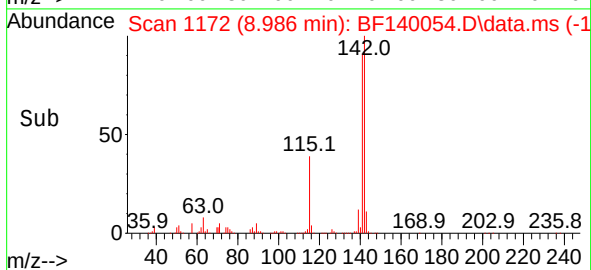
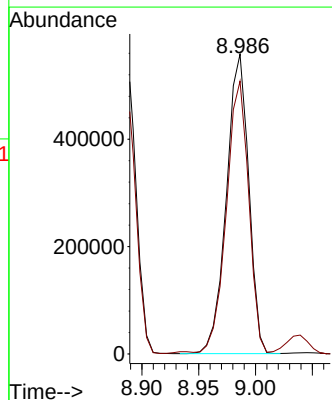
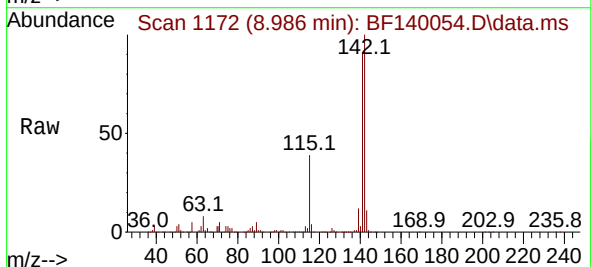
Reviewed By :Yogesh Patel 10/29/2024

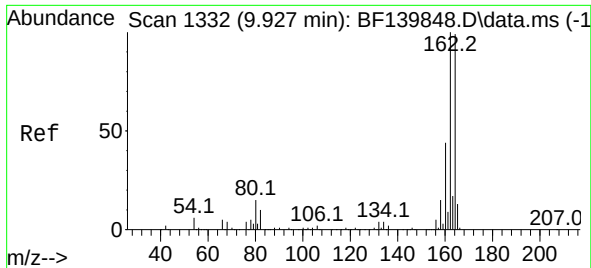
Supervised By :mohammad ahmed 10/29/2024



#38
1-Methylnaphthalene
Concen: 41.724 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

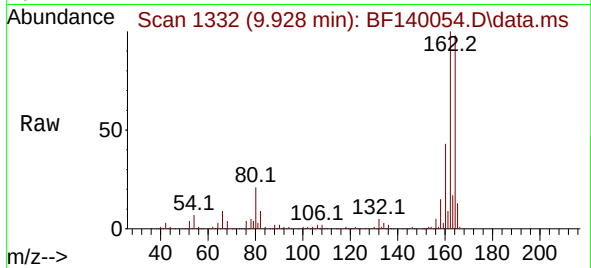
Tgt Ion:142 Resp: 761621
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 140054
Delta R.T. 0.001 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

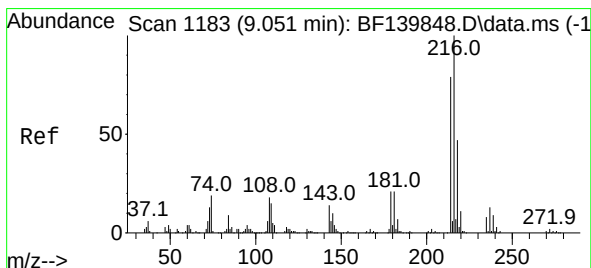
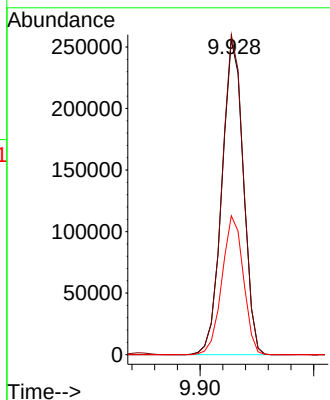
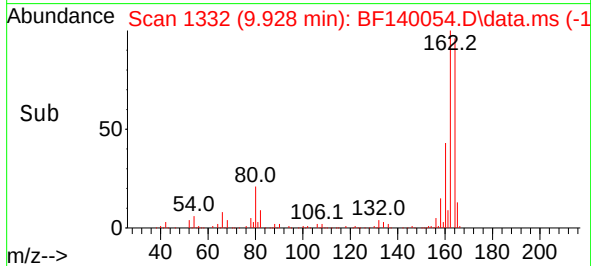
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:164 Resp: 335149
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.1 35.4 53.0

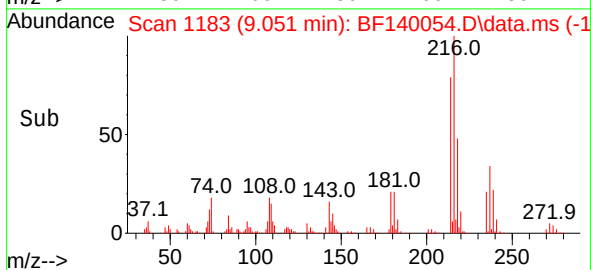
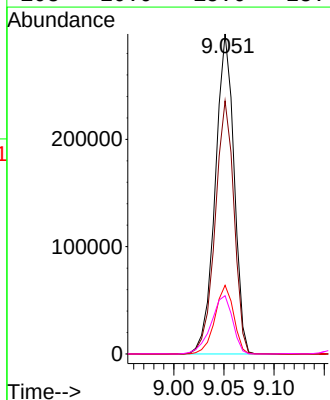
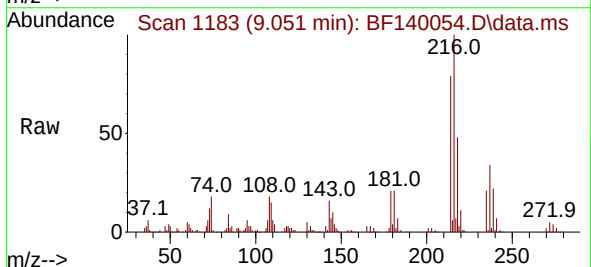
Manual Integrations
APPROVED

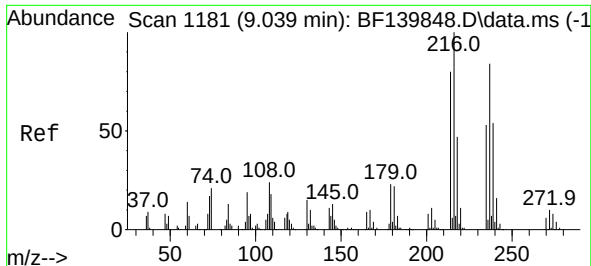
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.022 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

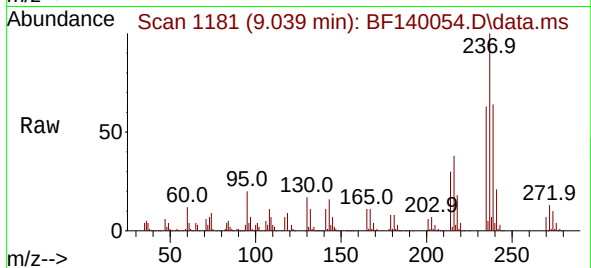
Tgt Ion:216 Resp: 388997
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 21.3 17.2 25.8
108 20.9 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 138.794 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

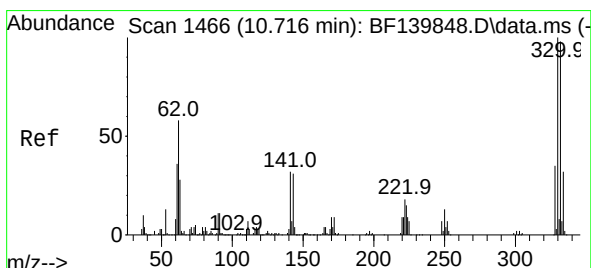
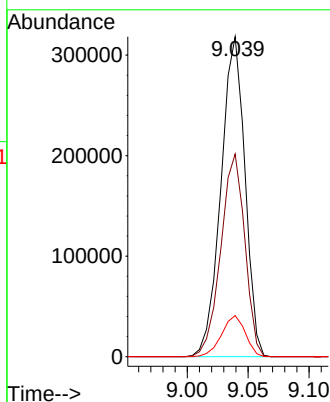
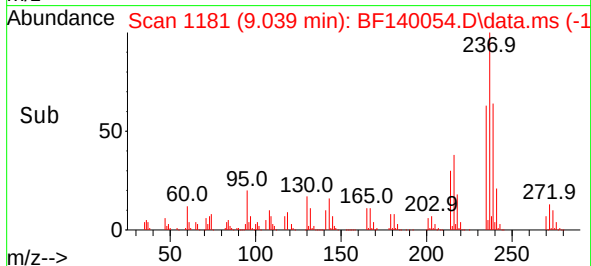
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



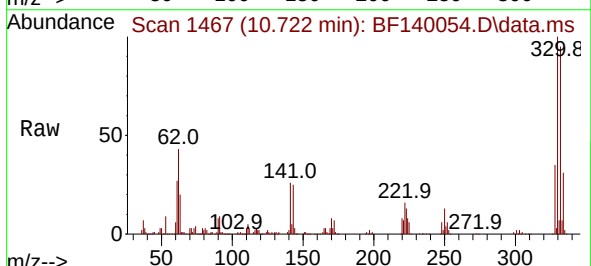
Tgt Ion:237 Resp: 436660
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.9 0.0 32.3

Manual Integrations
APPROVED

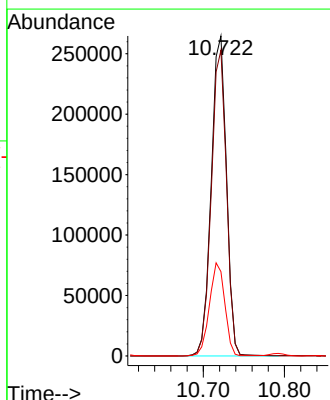
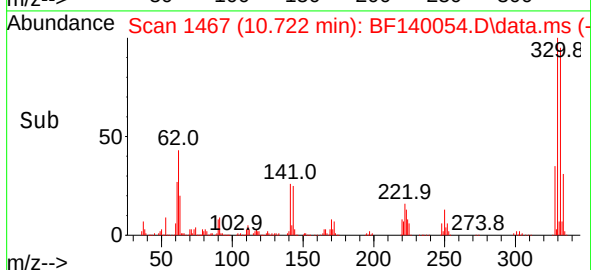
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

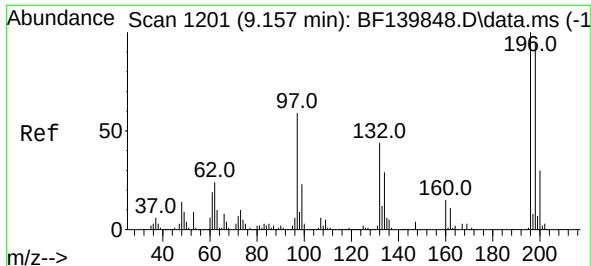


#42
2,4,6-Tribromophenol
Concen: 109.890 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion:330 Resp: 344493
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 29.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 45.817 ng

RT: 9.163 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:196 Resp: 293290

Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.2

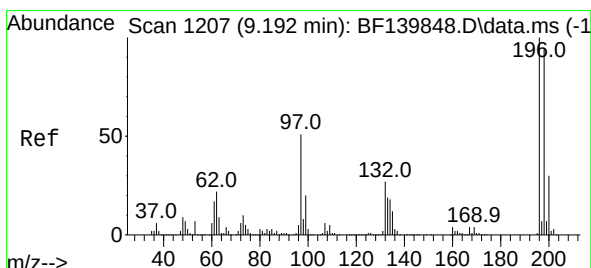
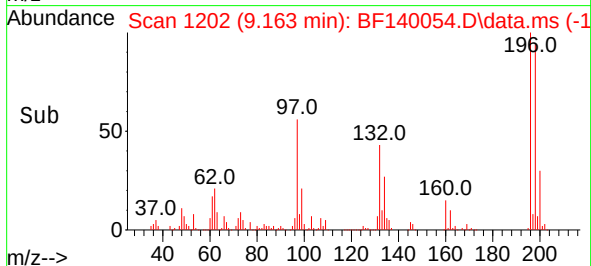
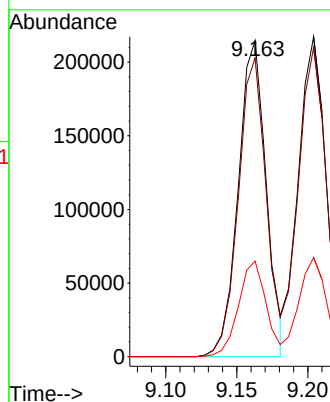
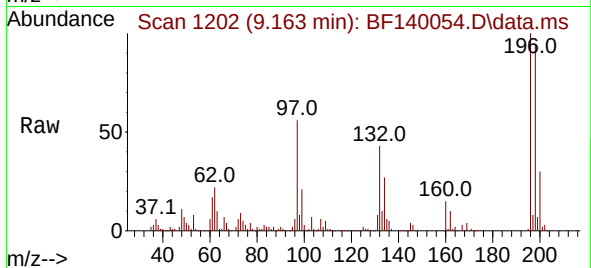
200 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#44

2,4,5-Trichlorophenol

Concen: 44.338 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Tgt Ion:196 Resp: 292834

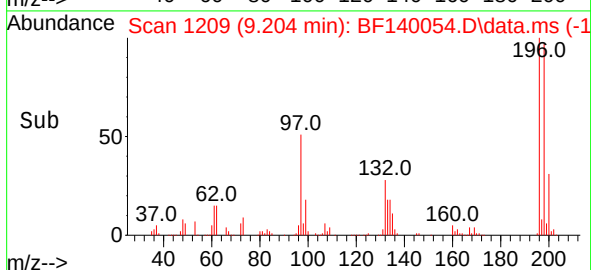
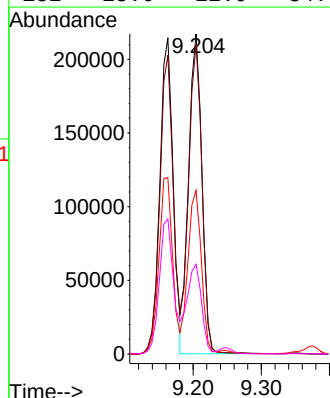
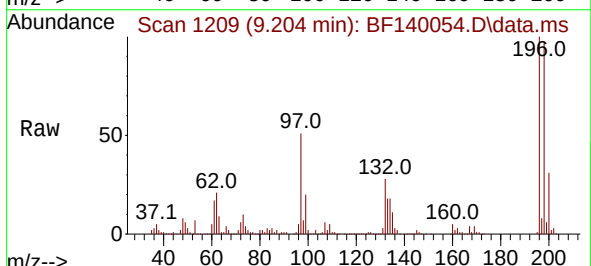
Ion Ratio Lower Upper

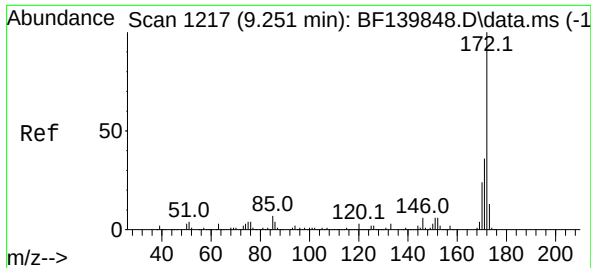
196 100

198 96.7 75.8 113.6

97 51.1 41.8 62.6

132 28.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 61.929 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:172 Resp: 125585

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

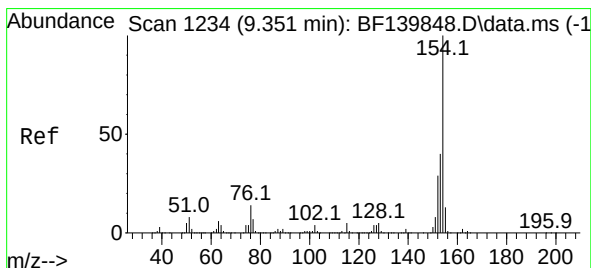
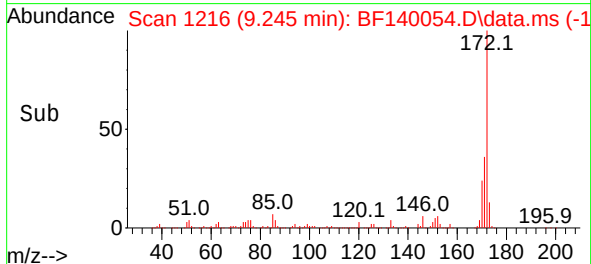
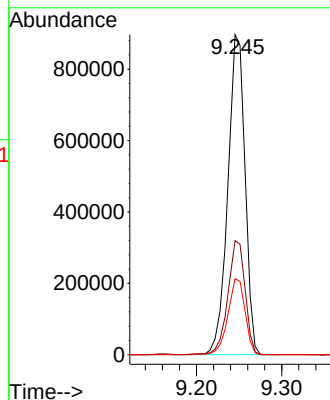
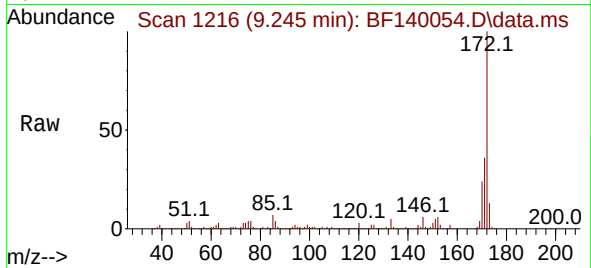
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#46

1,1'-Biphenyl

Concen: 42.966 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

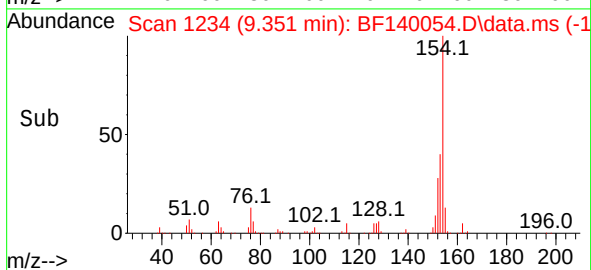
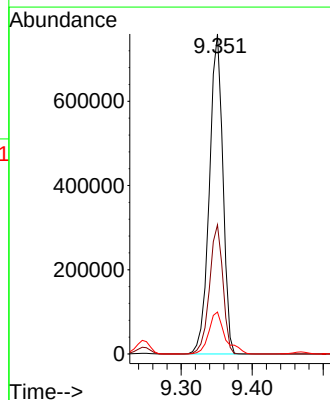
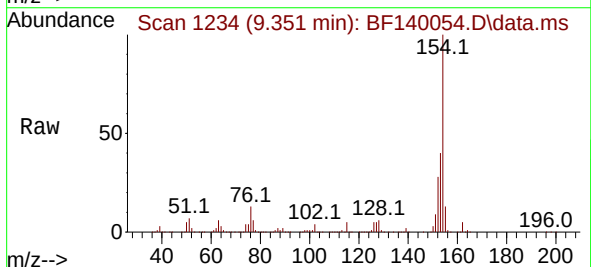
Tgt Ion:154 Resp: 1002450

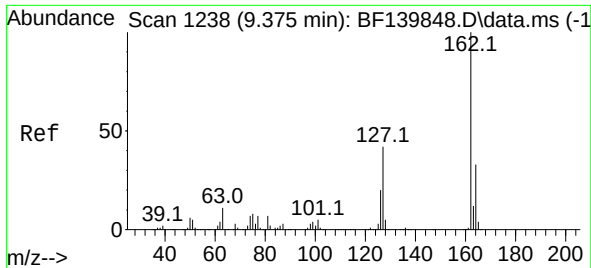
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.334 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

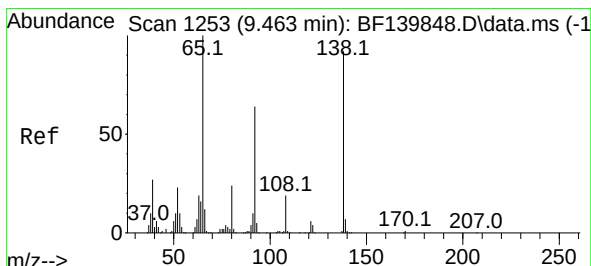
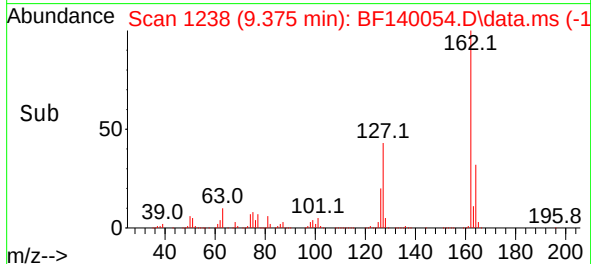
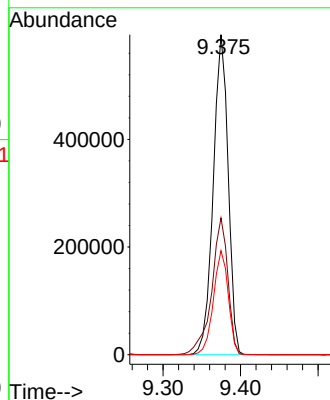
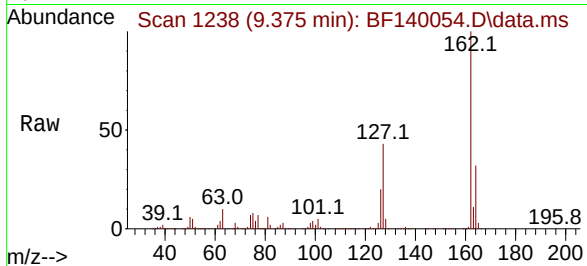
Tgt Ion:162 Resp: 795518
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.8 50.6
 164 32.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#48

2-Nitroaniline

Concen: 47.542 ng

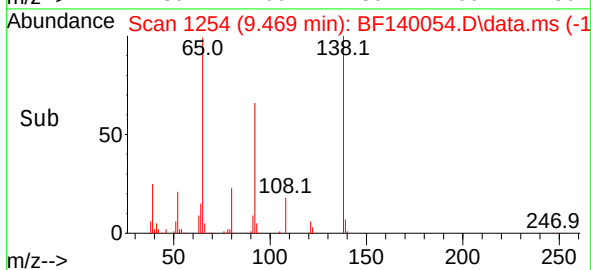
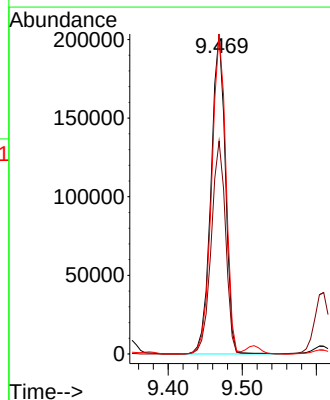
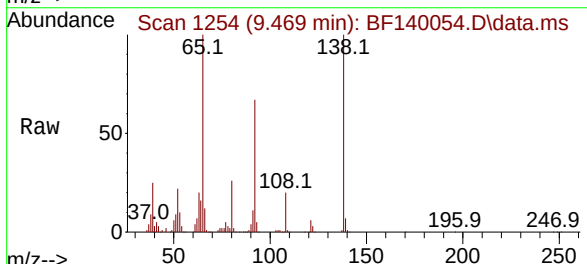
RT: 9.469 min Scan# 1254

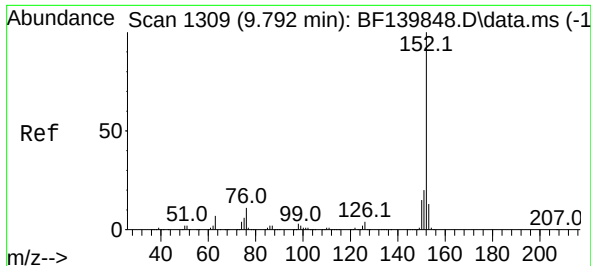
Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Tgt Ion: 65 Resp: 273231
 Ion Ratio Lower Upper
 65 100
 92 66.5 50.9 76.3
 138 100.0 73.4 110.0





#49

Acenaphthylene

Concen: 46.019 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF140054.D

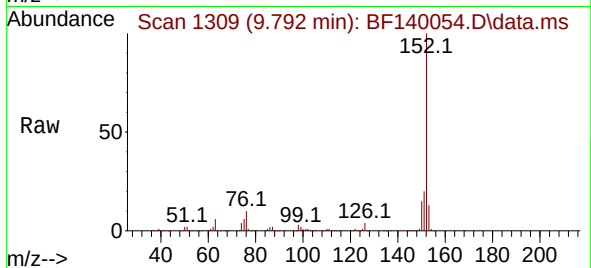
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS



Tgt Ion:152 Resp: 125017

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

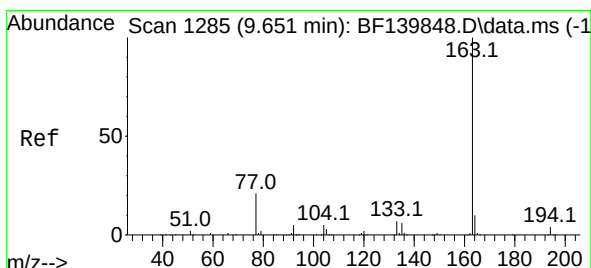
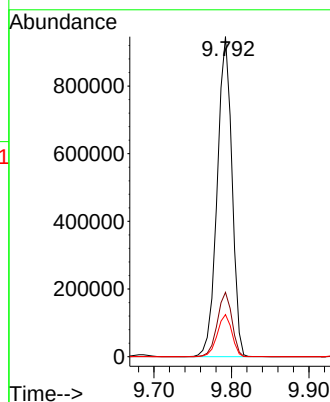
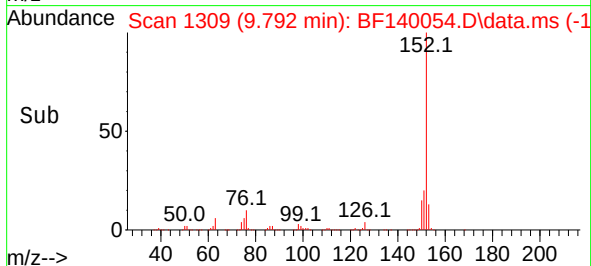
153 13.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#50

Dimethylphthalate

Concen: 45.346 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

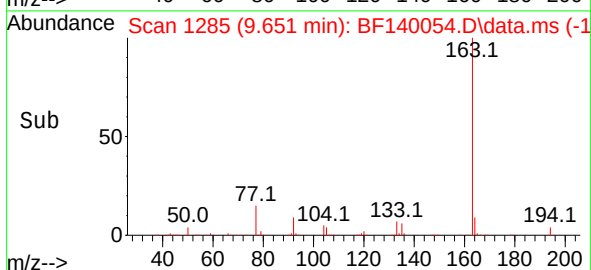
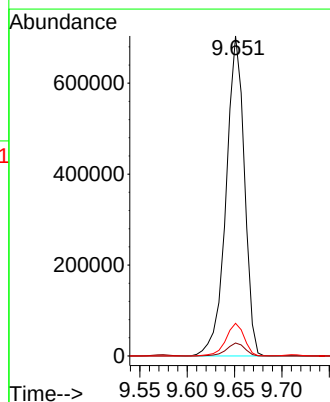
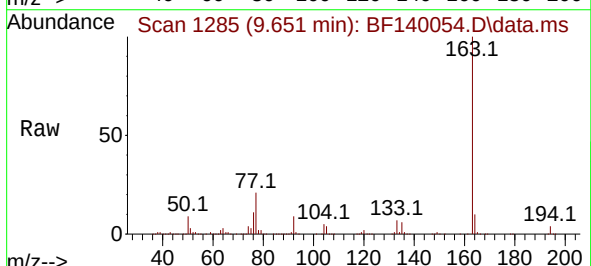
Tgt Ion:163 Resp: 946635

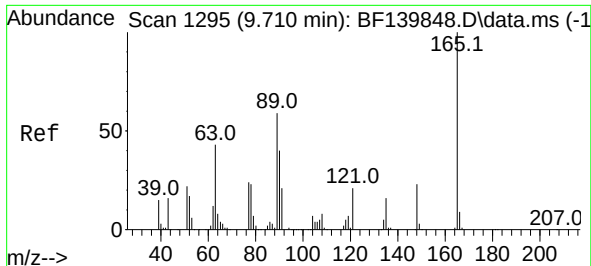
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

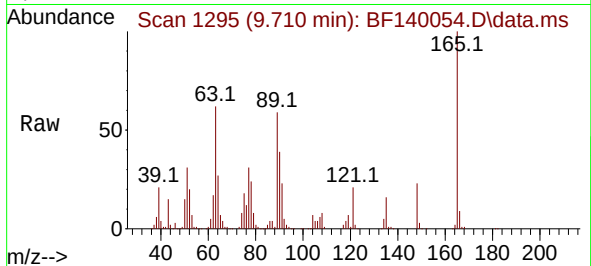
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.236 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

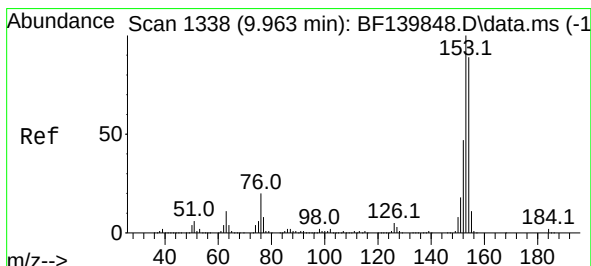
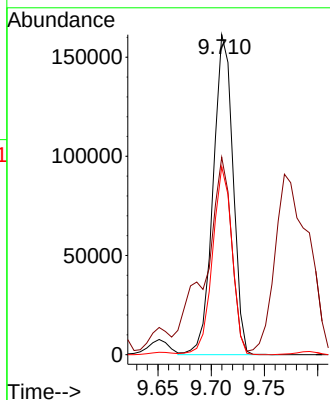
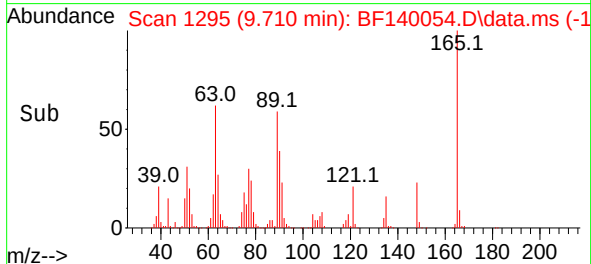
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:165 Resp: 20898
Ion Ratio Lower Upper
165 100
63 61.7 50.6 75.8
89 58.7 47.5 71.3

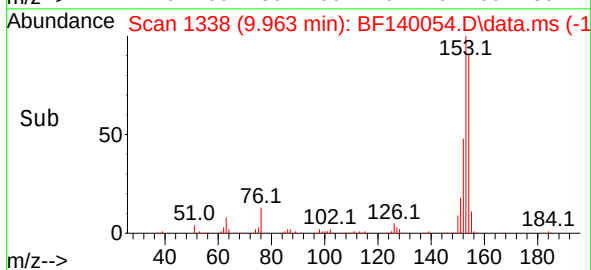
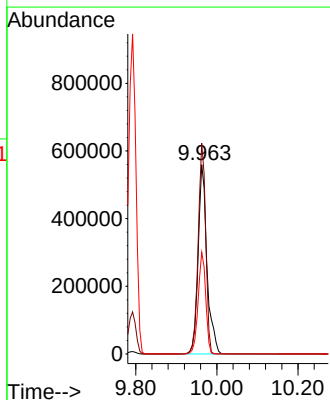
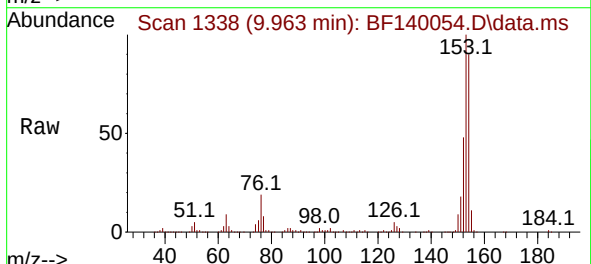
Manual Integrations
APPROVED

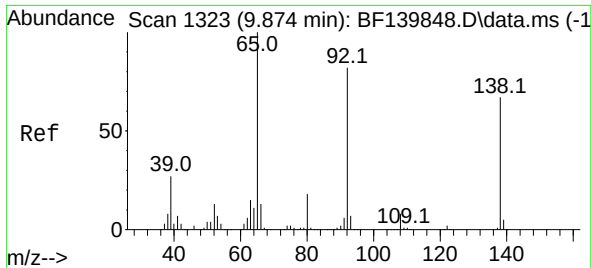
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#52
Acenaphthene
Concen: 48.675 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

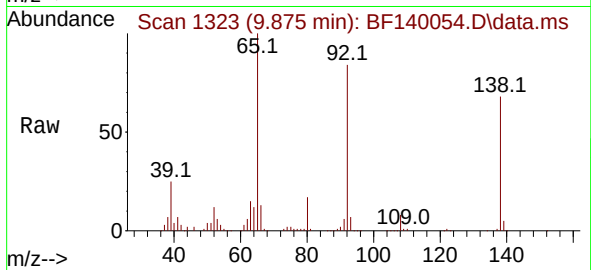
Tgt Ion:154 Resp: 855407
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.6
152 53.8 42.4 63.6





#53
3-Nitroaniline
Concen: 21.054 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

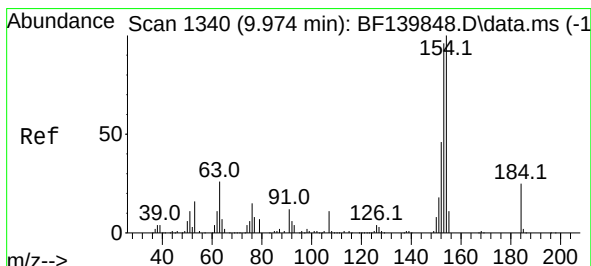
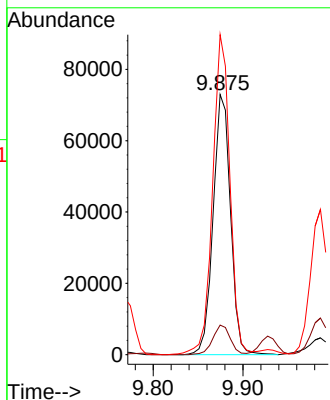
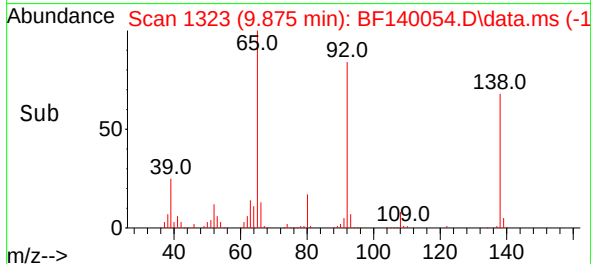
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



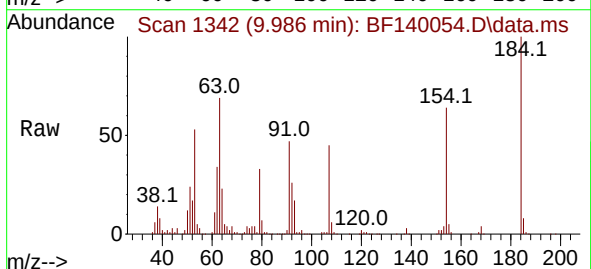
Tgt Ion:138 Resp: 98130
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 123.0 98.3 147.5

Manual Integrations
APPROVED

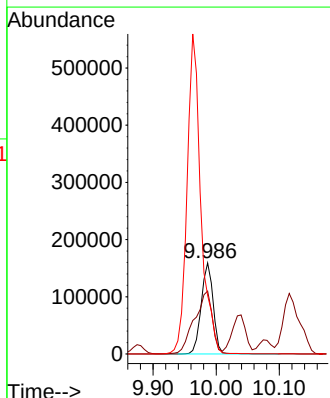
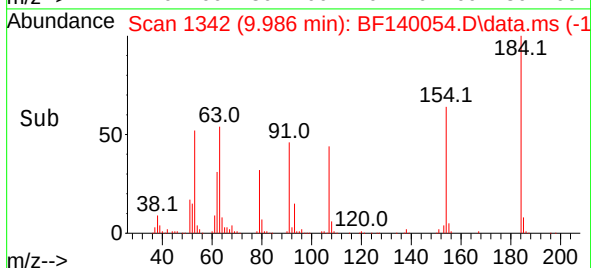
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

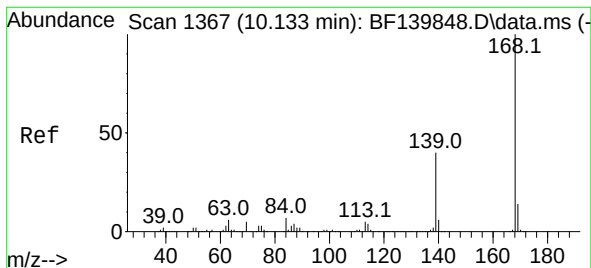


#54
2,4-Dinitrophenol
Concen: 109.414 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion:184 Resp: 210385
Ion Ratio Lower Upper
184 100
63 69.1 84.7 127.1#
154 64.4 338.2 507.2#





#55

Dibenzenofuran

Concen: 43.657 ng

RT: 10.133 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:168 Resp: 1100794

Ion Ratio Lower Upper

168 100

139 39.9 31.8 47.6

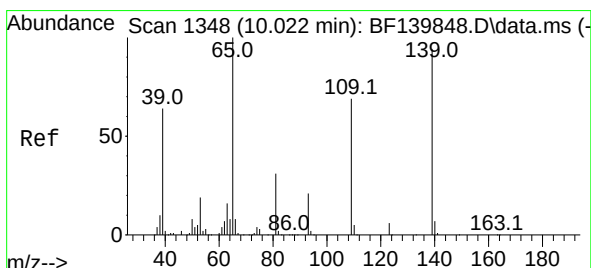
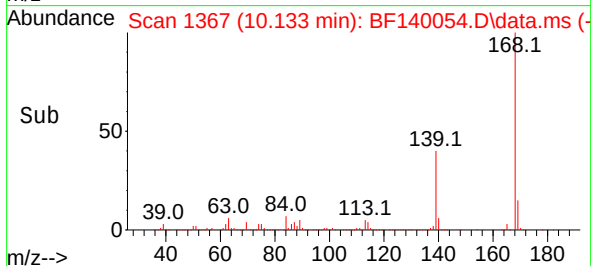
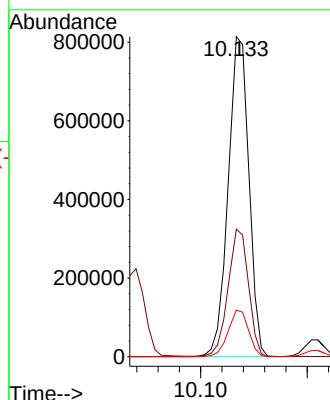
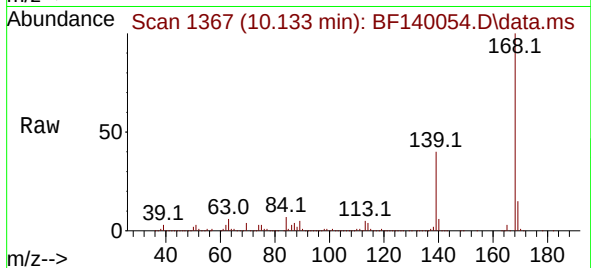
169 14.6 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#56

4-Nitrophenol

Concen: 93.426 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

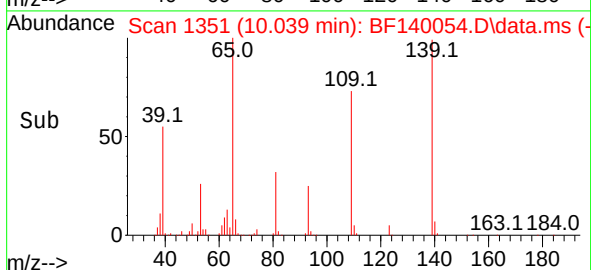
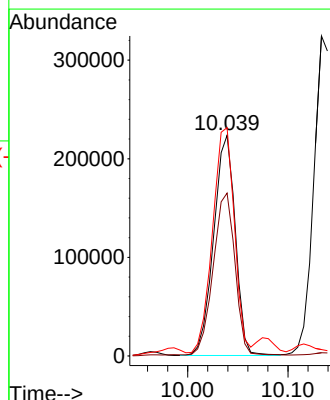
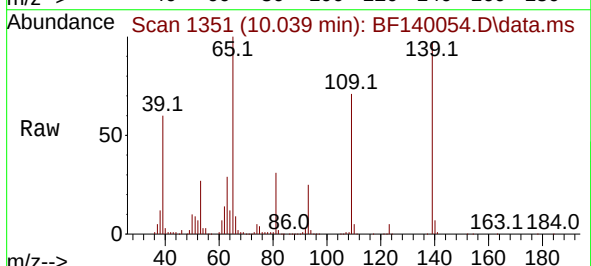
Tgt Ion:139 Resp: 335038

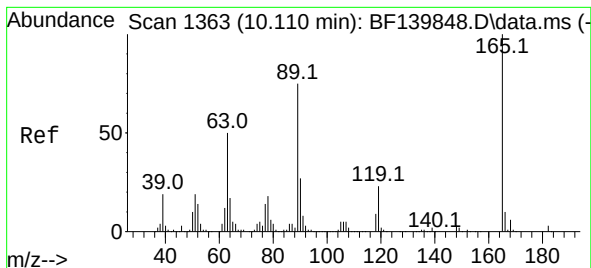
Ion Ratio Lower Upper

139 100

109 73.8 53.6 93.6

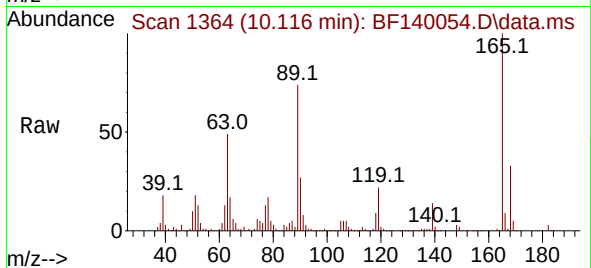
65 103.5 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 50.617 ng
RT: 10.116 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

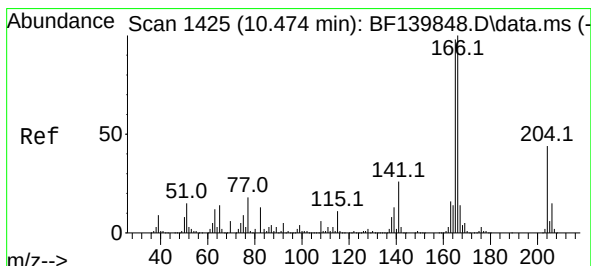
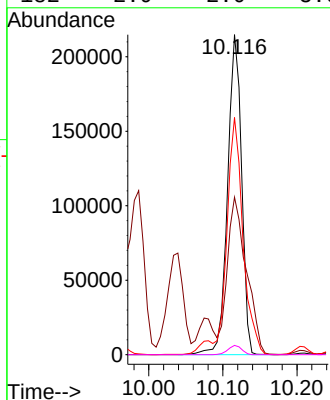
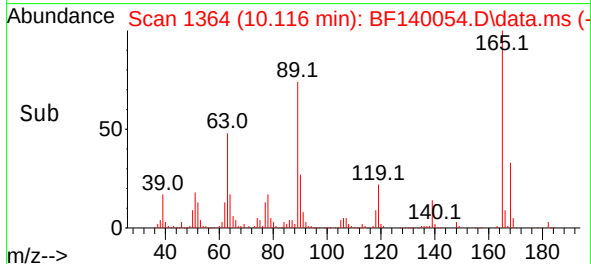
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:165 Resp: 281352
Ion Ratio Lower Upper
165 100
63 49.2 40.1 60.1
89 74.1 60.4 90.6
182 2.9 2.0 3.0

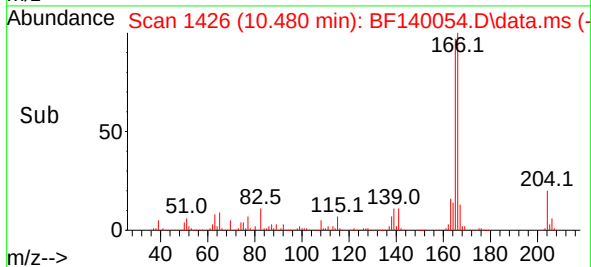
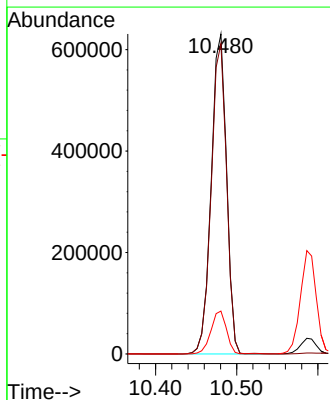
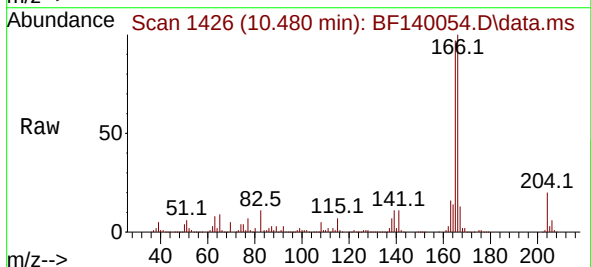
Manual Integrations
APPROVED

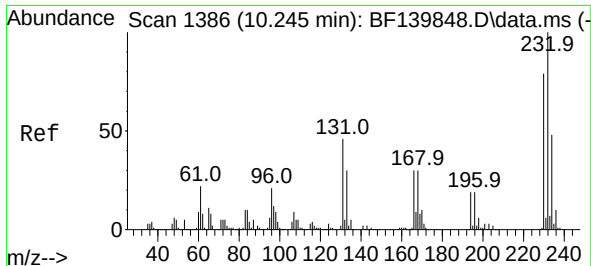
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#58
Fluorene
Concen: 43.097 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

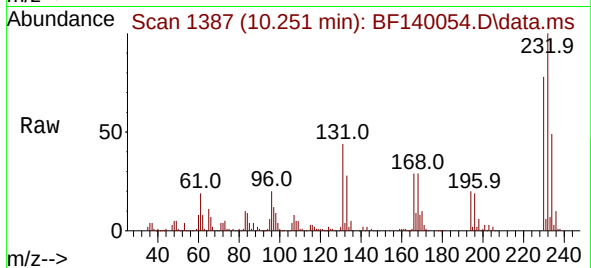
Tgt Ion:166 Resp: 827662
Ion Ratio Lower Upper
166 100
165 97.0 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.046 ng
RT: 10.251 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

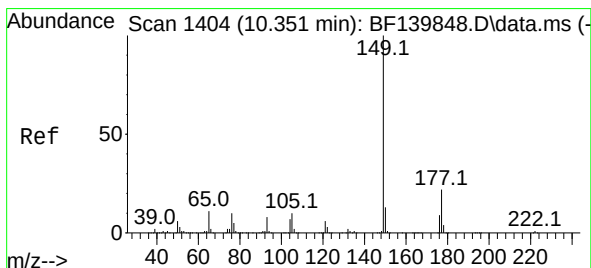
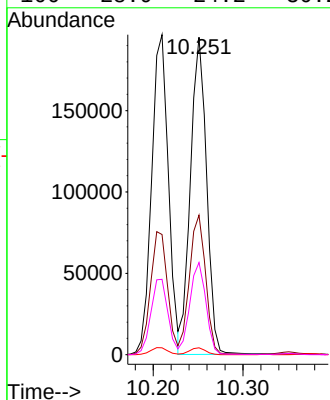
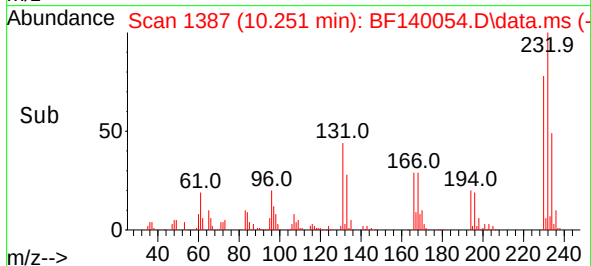
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:232 Resp: 243584
Ion Ratio Lower Upper
232 100
131 44.4 37.0 55.6
130 2.2 1.9 2.9
166 28.9 24.2 36.2

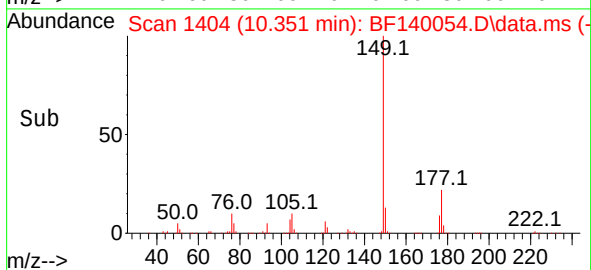
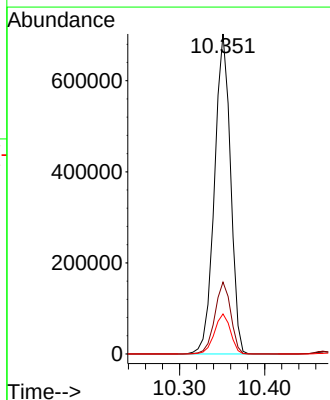
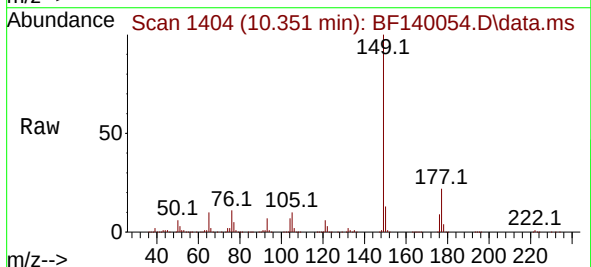
Manual Integrations
APPROVED

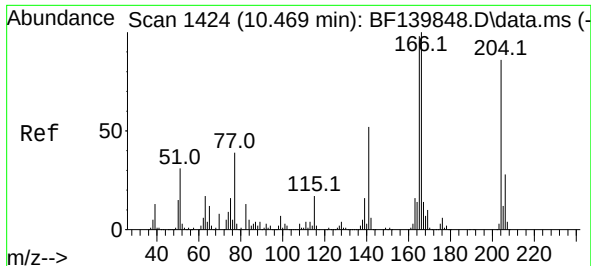
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#60
Diethylphthalate
Concen: 44.825 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

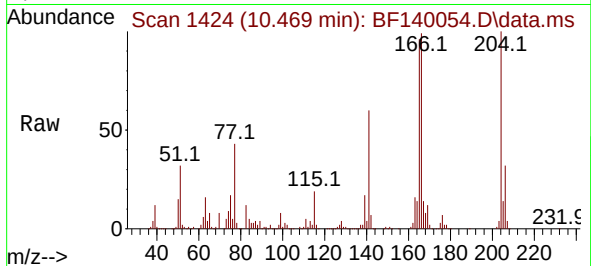
Tgt Ion:149 Resp: 918781
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.504 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

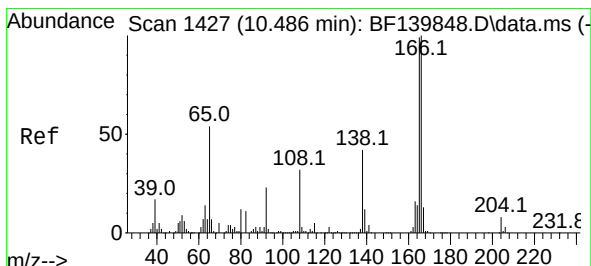
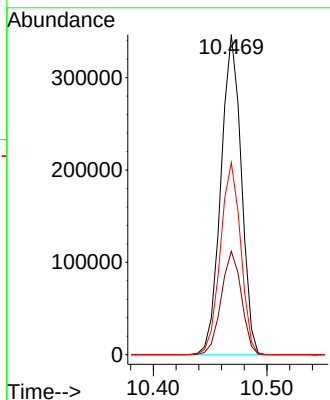
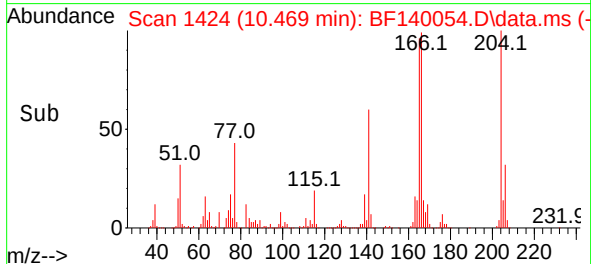
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



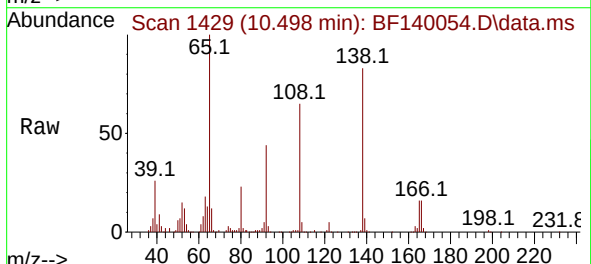
Tgt Ion:204 Resp: 43162
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 60.0 48.6 73.0

Manual Integrations
APPROVED

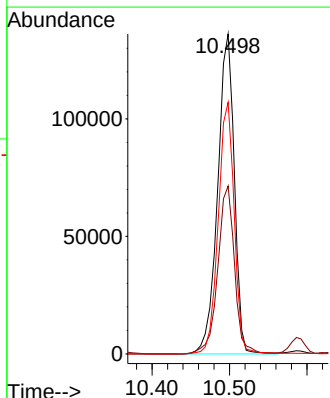
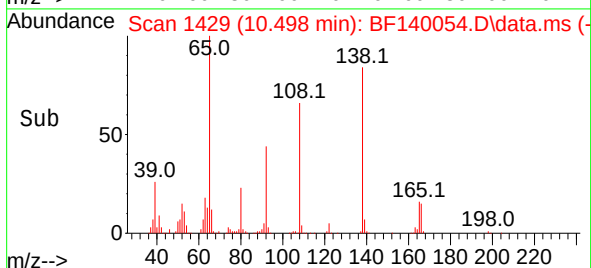
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

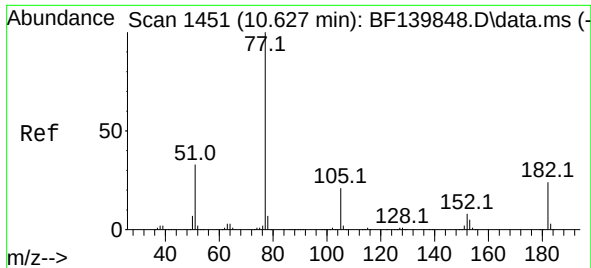


#62
4-Nitroaniline
Concen: 46.288 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion:138 Resp: 203776
Ion Ratio Lower Upper
138 100
92 52.5 35.7 75.7
108 78.6 57.5 97.5





#63
Azobenzene
Concen: 46.069 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

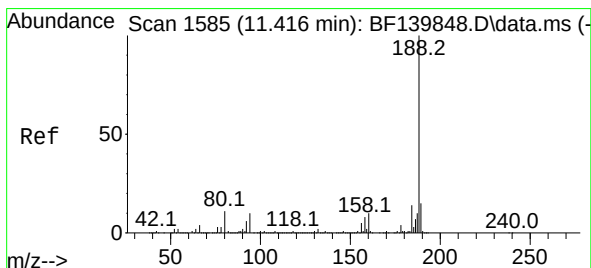
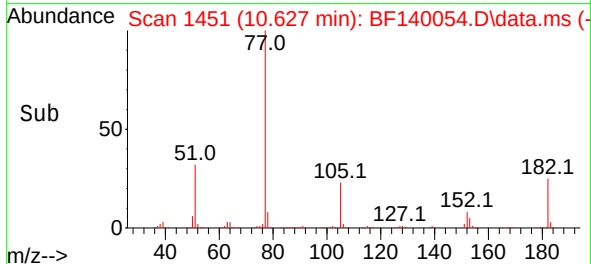
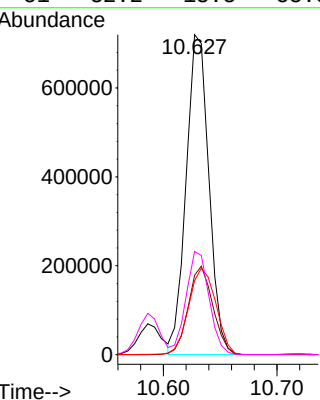
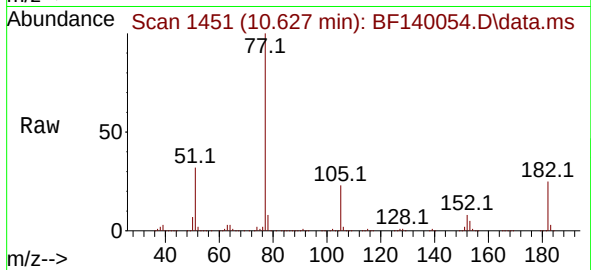
Tgt Ion: 77 Resp: 1001082
Ion Ratio Lower Upper
77 100
182 24.8 3.3 43.3
105 23.1 1.2 41.2
51 32.2 13.3 53.3

Manual Integrations

APPROVED

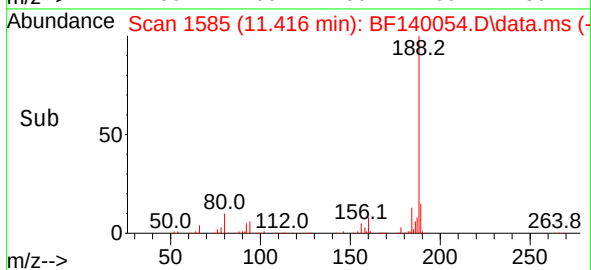
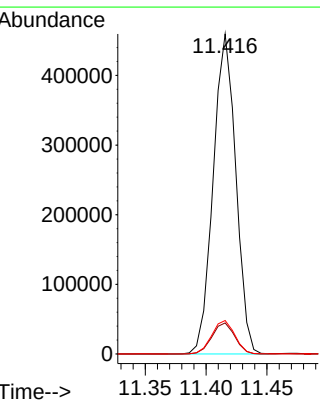
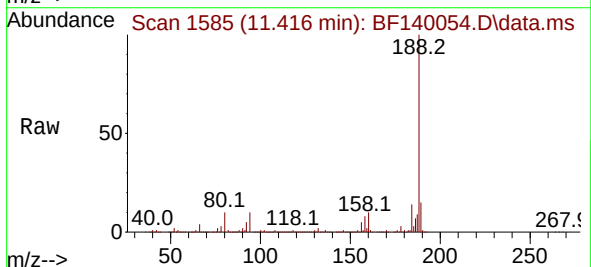
Reviewed By :Yogesh Patel 10/29/2024

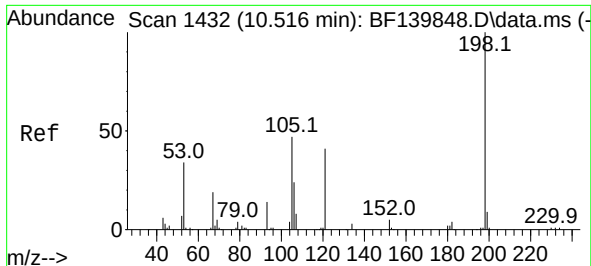
Supervised By :mohammad ahmed 10/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:188 Resp: 594611
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.5 9.0 13.4





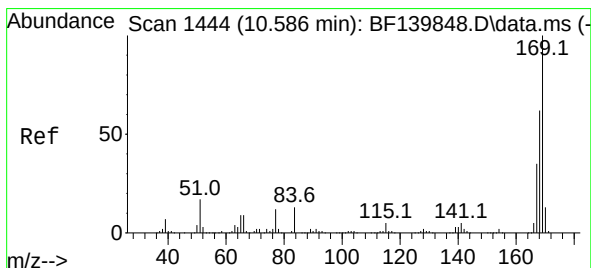
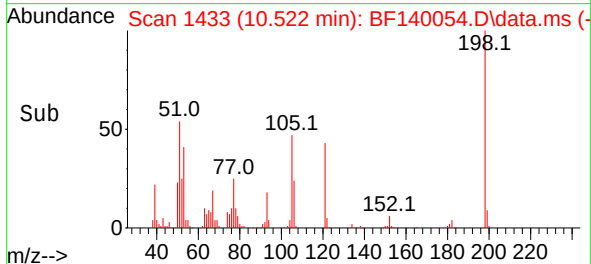
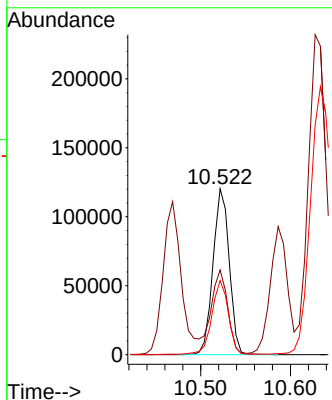
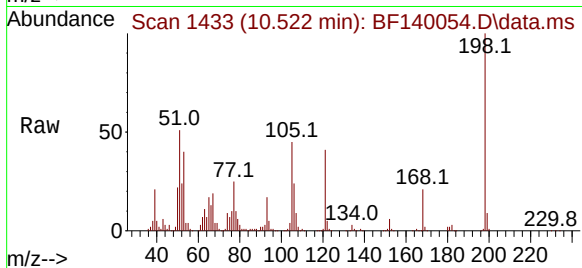
#65
4,6-Dinitro-2-methylphenol
Concen: 62.225 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :
BNA_F
ClientSampleId :
BP-F22MS

Tgt Ion:198 Resp: 150921
Ion Ratio Lower Upper
198 100
51 51.1 38.2 78.2
105 44.7 27.9 67.9

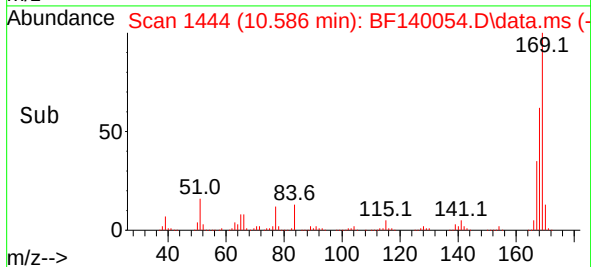
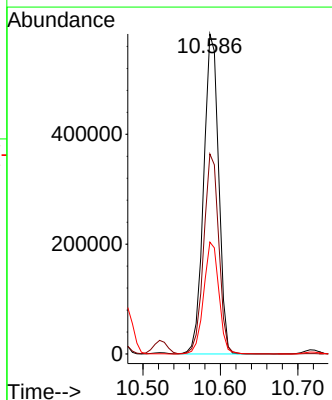
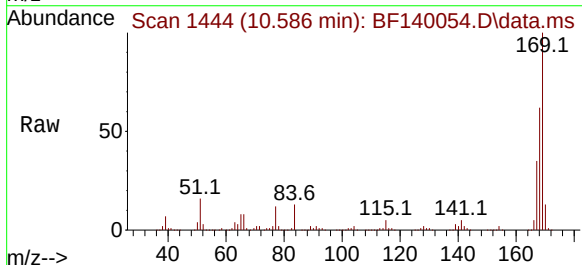
Manual Integrations
APPROVED

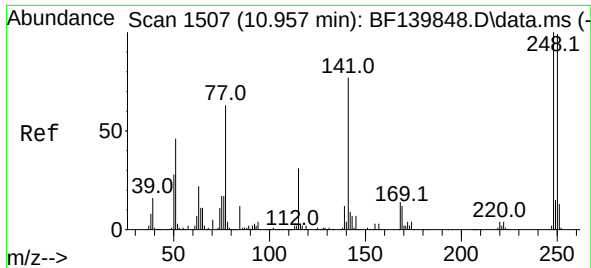
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#66
n-Nitrosodiphenylamine
Concen: 43.862 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:169 Resp: 780591
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 35.0 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 45.931 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

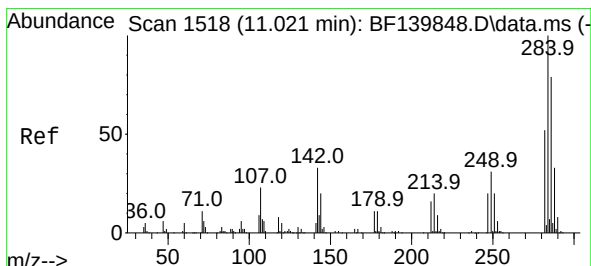
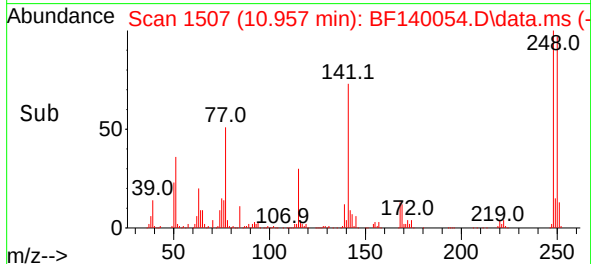
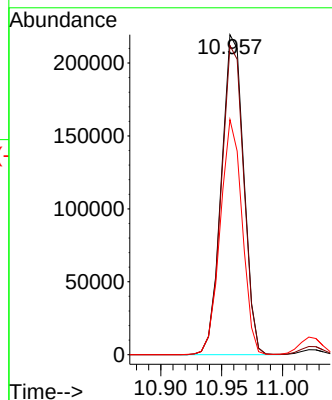
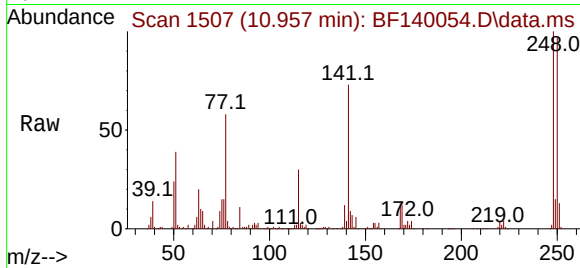
BP-F22MS

Tgt Ion:248 Resp: 281354
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.6
141 73.5 61.7 92.5

Manual Integrations

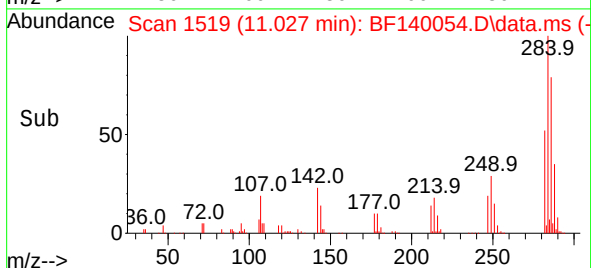
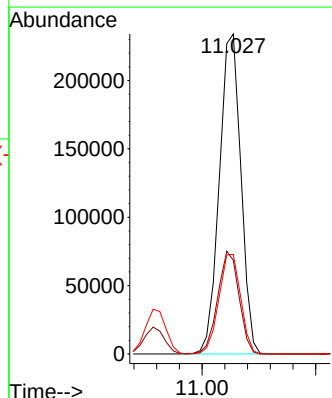
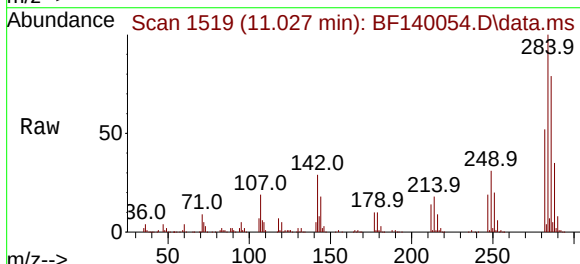
APPROVED

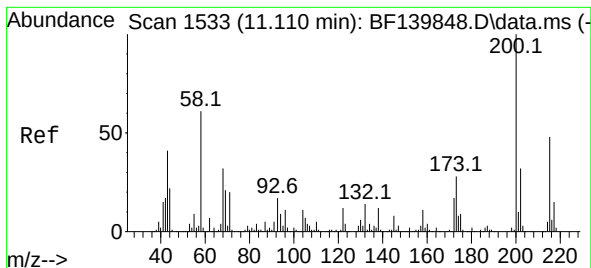
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#68
Hexachlorobenzene
Concen: 44.799 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:284 Resp: 308632
Ion Ratio Lower Upper
284 100
142 29.3 26.9 40.3
249 31.1 25.3 37.9





#69

Atrazine

Concen: 53.619 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:200 Resp: 25848

Ion Ratio Lower Upper

200 100

173 26.3 7.7 47.7

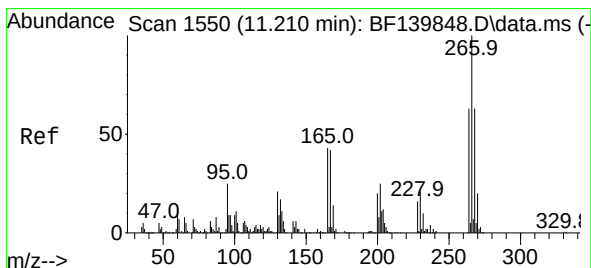
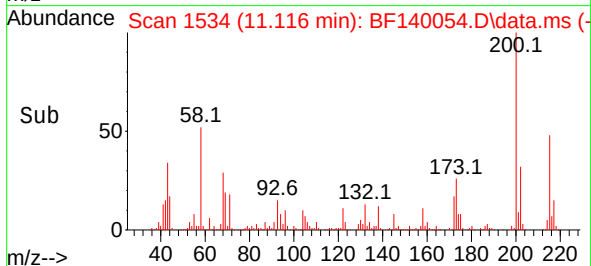
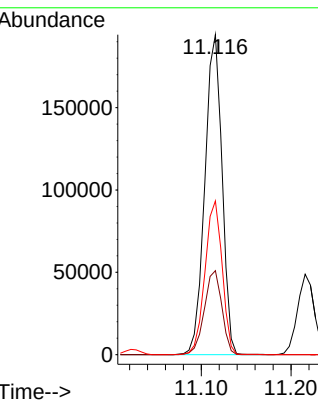
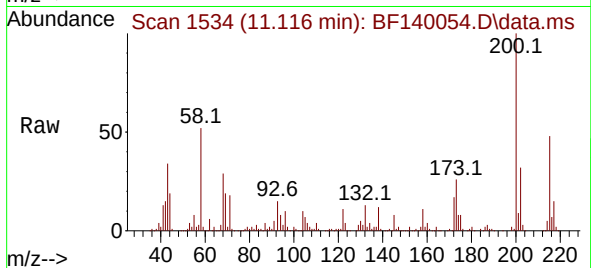
215 48.1 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#70

Pentachlorophenol

Concen: 85.300 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

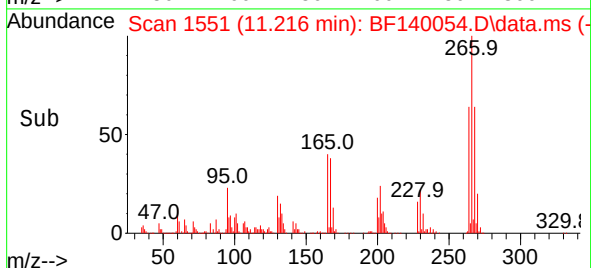
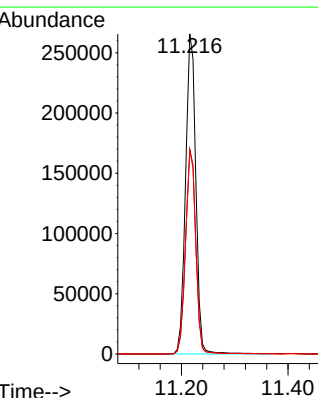
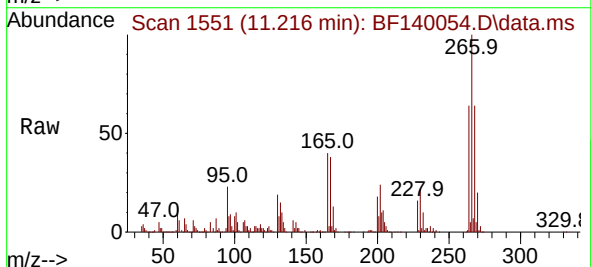
Tgt Ion:266 Resp: 356651

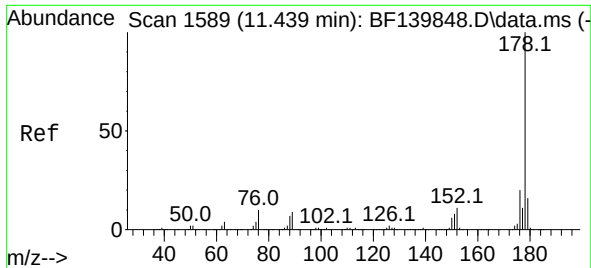
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

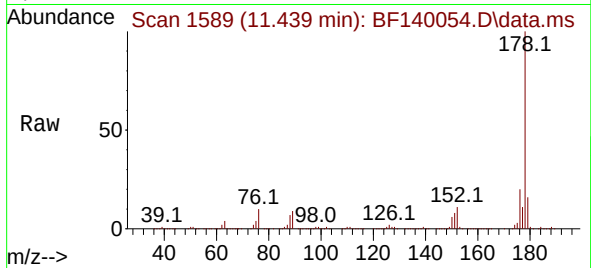
264 63.7 50.6 75.8





#71
Phenanthrene
Concen: 43.902 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

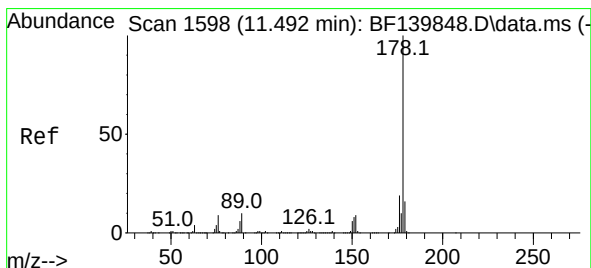
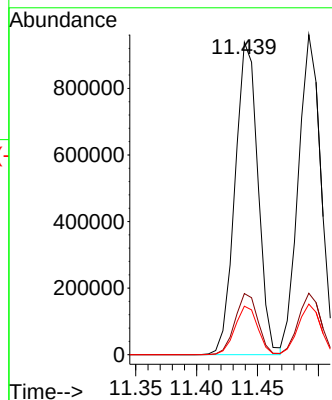
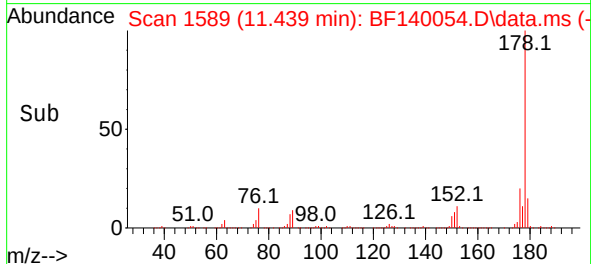
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



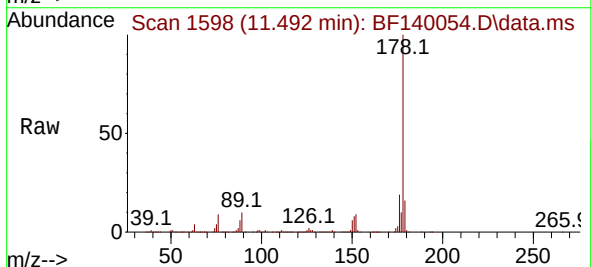
Tgt Ion:178 Resp: 1233063
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 12.6 18.8

Manual Integrations
APPROVED

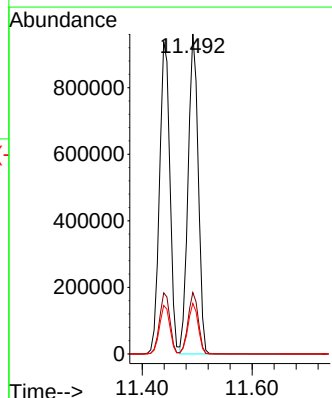
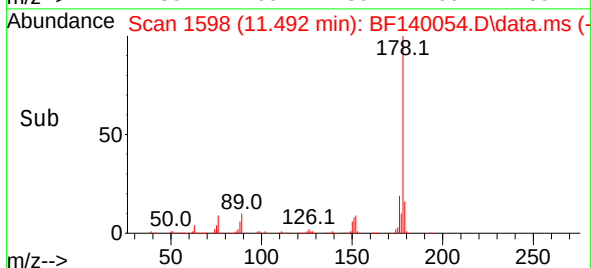
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

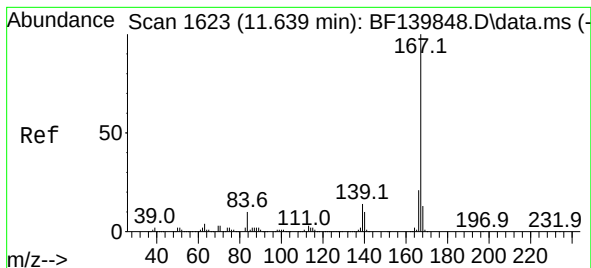


#72
Anthracene
Concen: 44.815 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion:178 Resp: 1228106
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.8 12.4 18.6





#73

Carbazole

Concen: 42.150 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140054.D

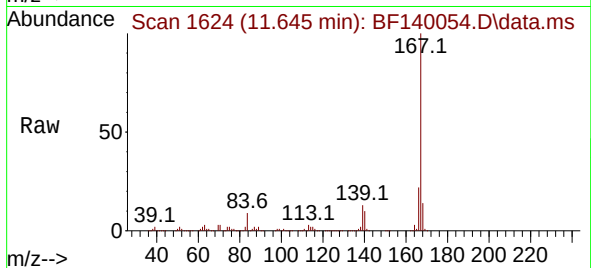
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS



Tgt Ion:167 Resp: 1074230

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

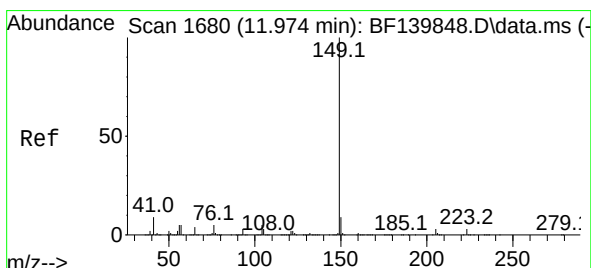
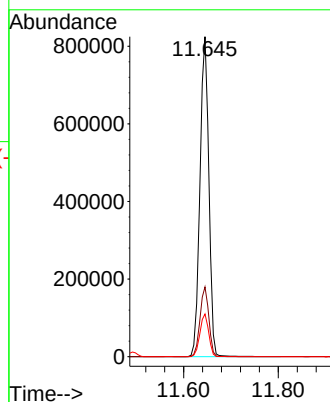
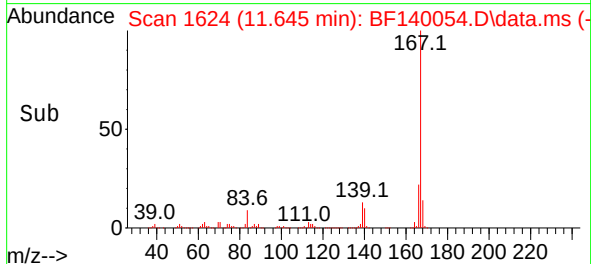
139 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#74

Di-n-butylphthalate

Concen: 45.824 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

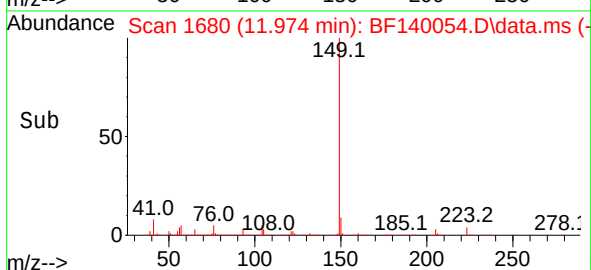
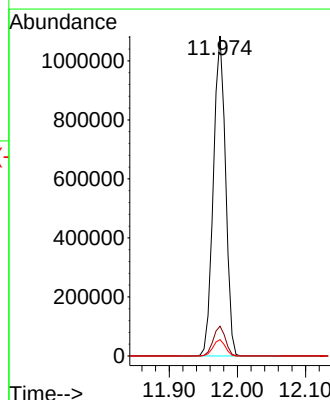
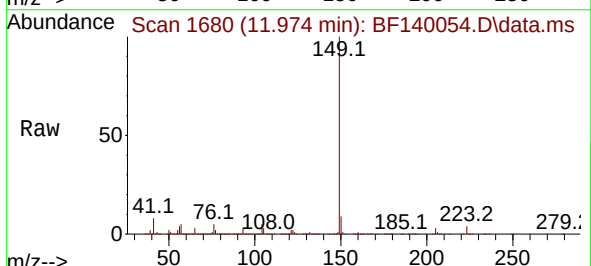
Tgt Ion:149 Resp: 1349305

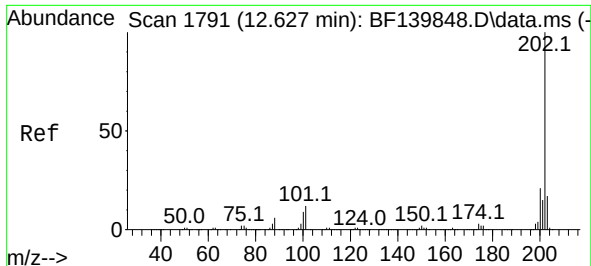
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

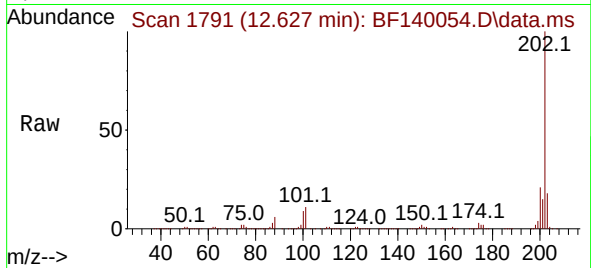
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 40.470 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

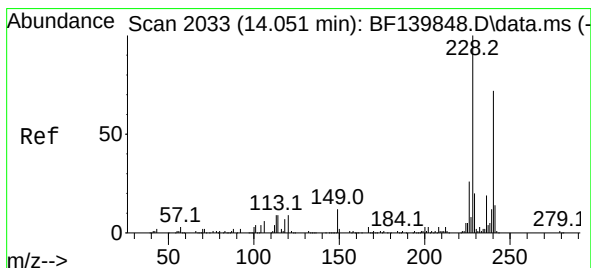
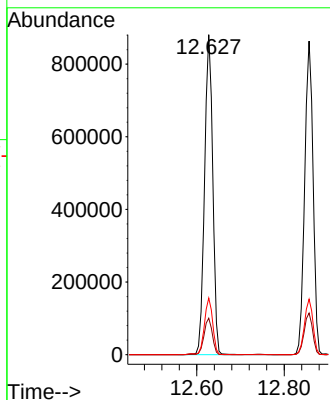
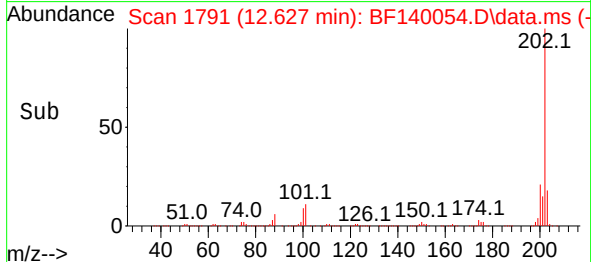
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



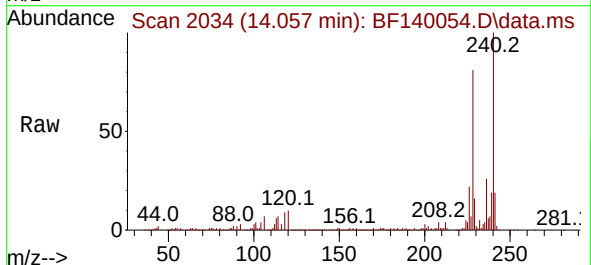
Tgt Ion:202 Resp: 114908
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

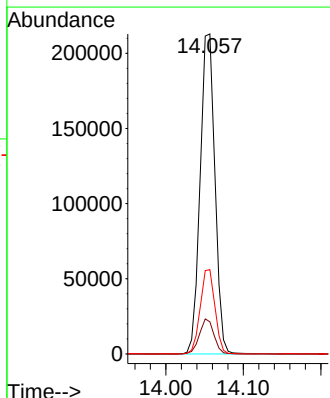
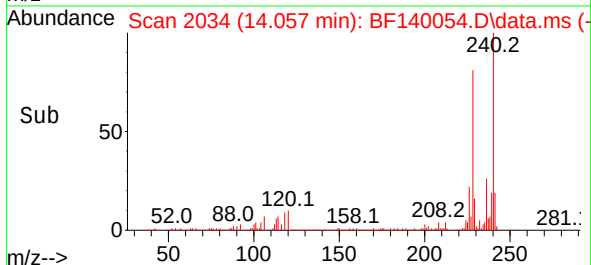
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

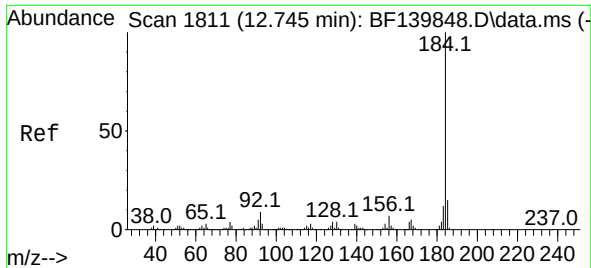


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



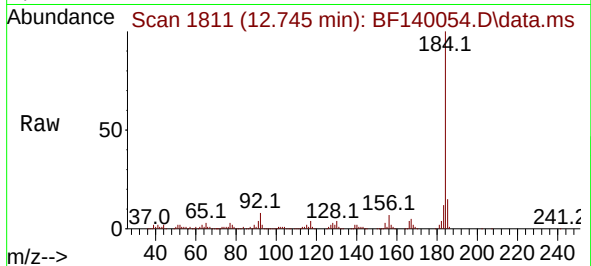
Tgt Ion:240 Resp: 282495
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 26.4 20.9 31.3





#77
Benzidine
Concen: 51.369 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

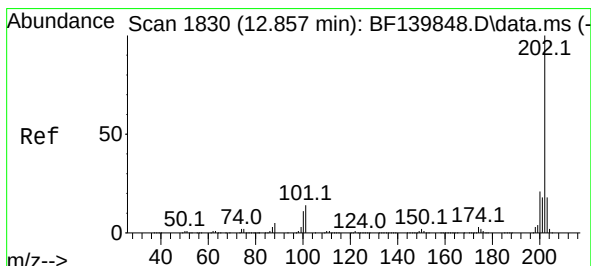
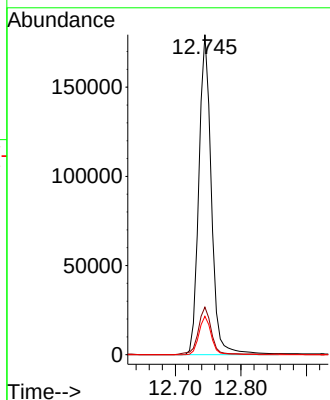
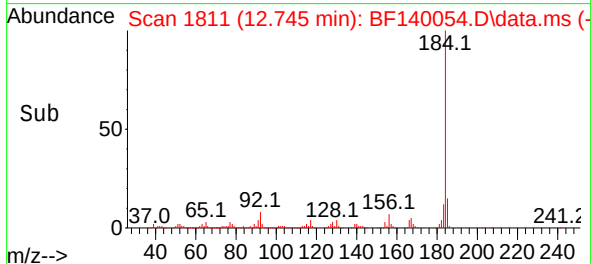
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



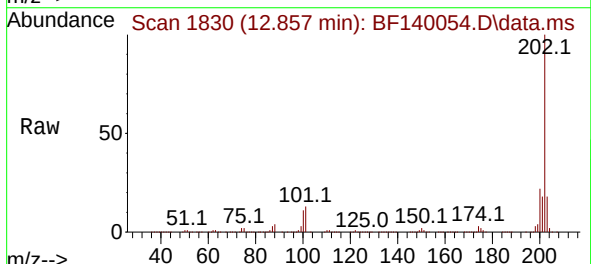
Tgt Ion:184 Resp: 23861
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 12.0 9.4 14.2

Manual Integrations
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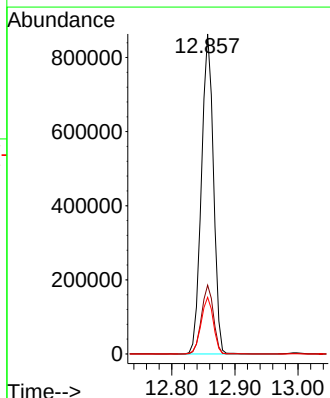
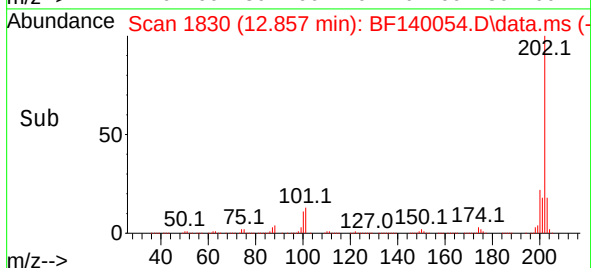
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

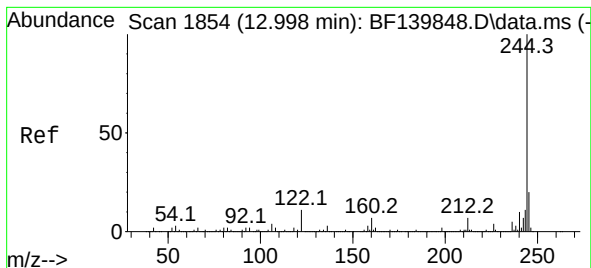


#78
Pyrene
Concen: 46.013 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion:202 Resp: 1137794
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 71.602 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:244 Resp: 124133

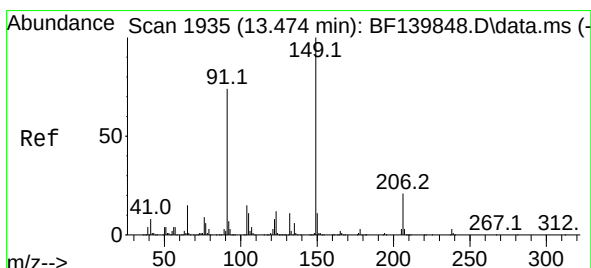
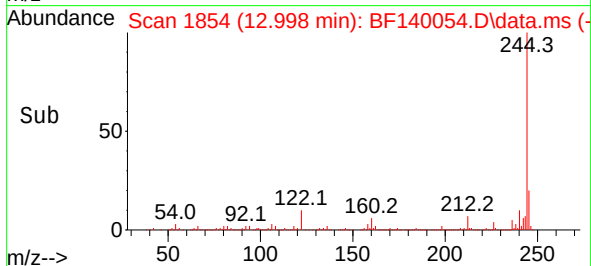
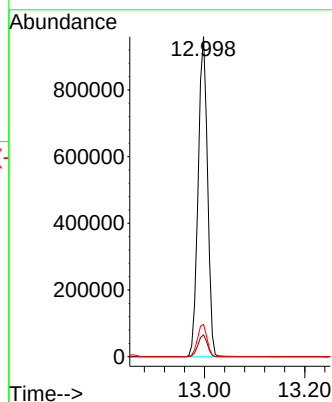
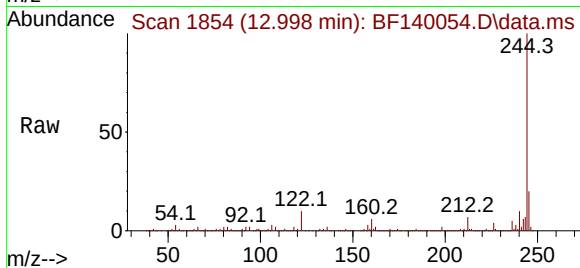
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.1	8.6	13.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#80

Butylbenzylphthalate

Concen: 60.214 ng

RT: 13.474 min Scan# 1935

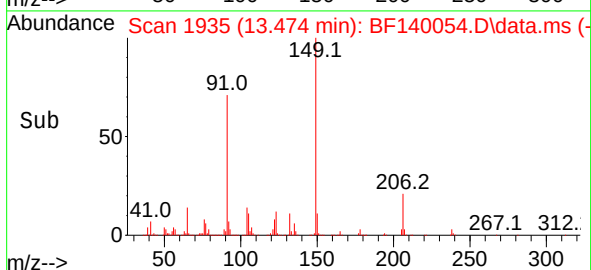
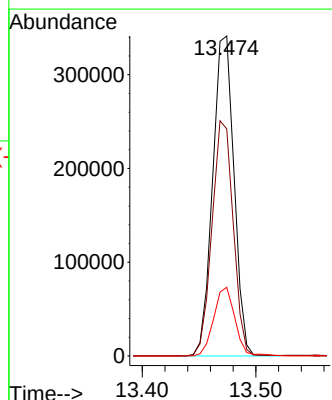
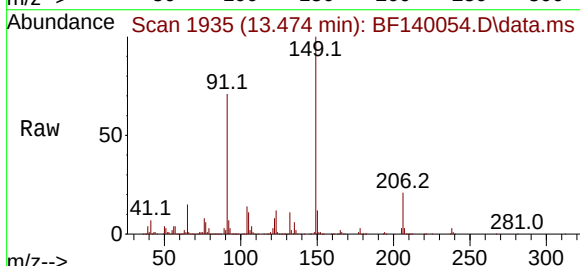
Delta R.T. 0.000 min

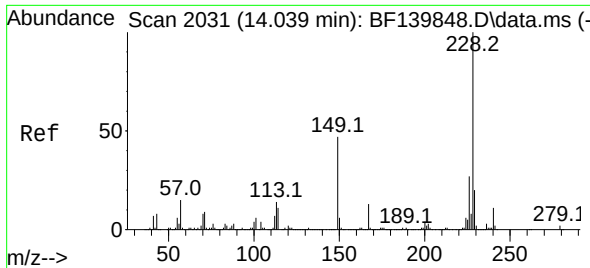
Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Tgt Ion:149 Resp: 446393

Ion	Ratio	Lower	Upper
149	100		
91	70.9	59.4	89.2
206	21.4	16.4	24.6





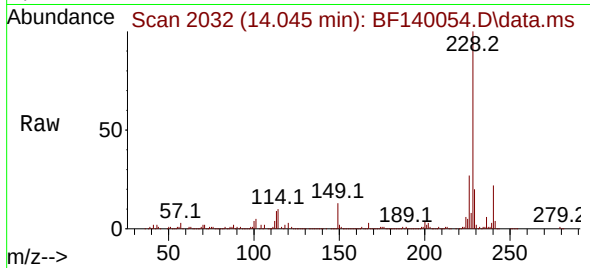
#81
Benzo(a)anthracene
Concen: 46.115 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

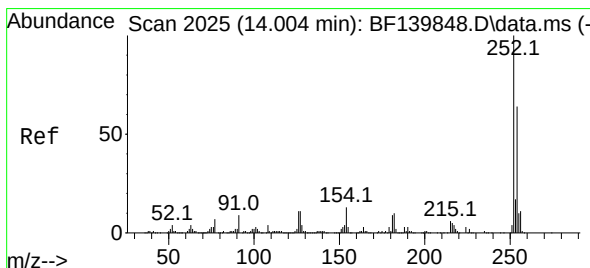
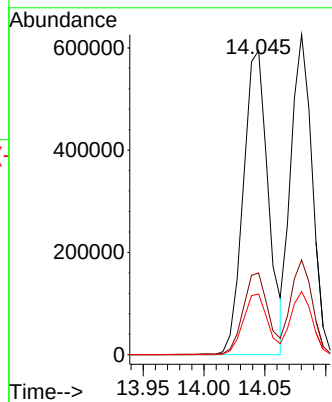
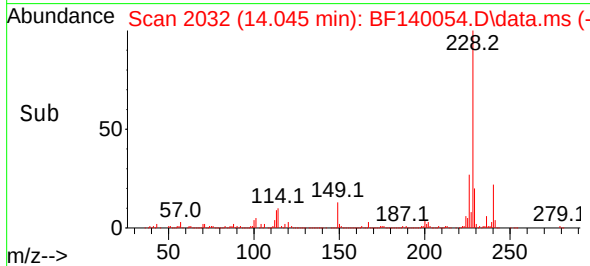


Tgt Ion:228 Resp: 848023
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.9 16.1 24.1

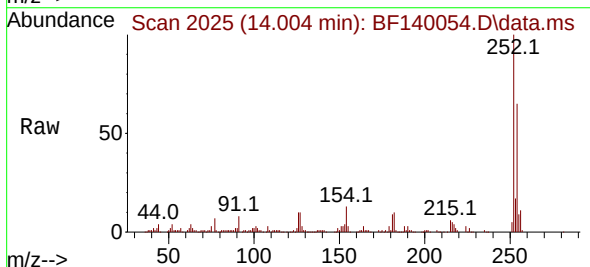
Manual Integrations

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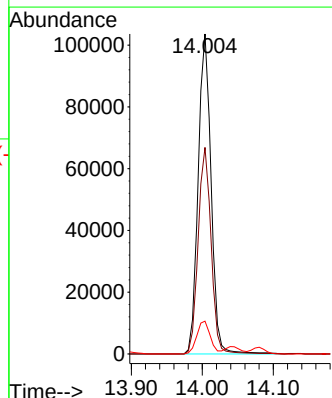
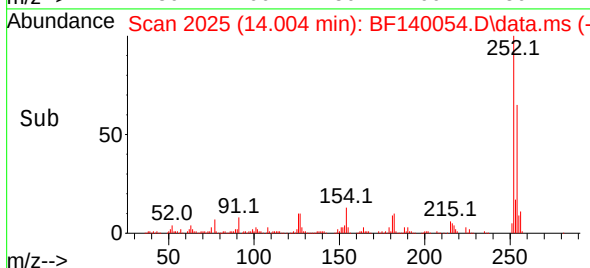
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

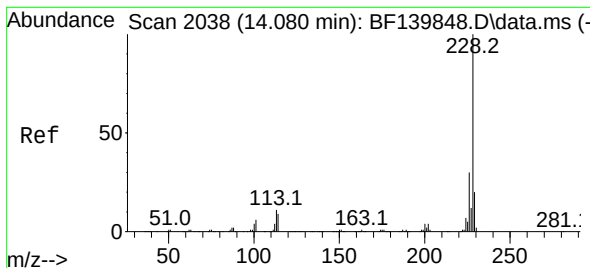


#82
3,3'-Dichlorobenzidine
Concen: 24.536 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34



Tgt Ion:252 Resp: 131557
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 10.3 8.9 13.3





#83

Chrysene

Concen: 45.259 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

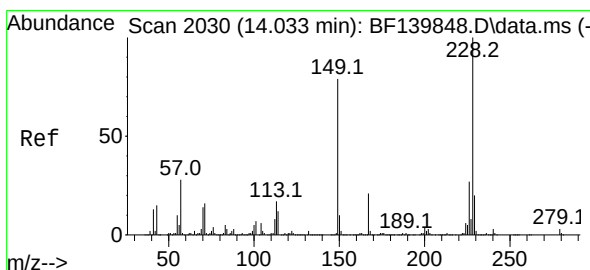
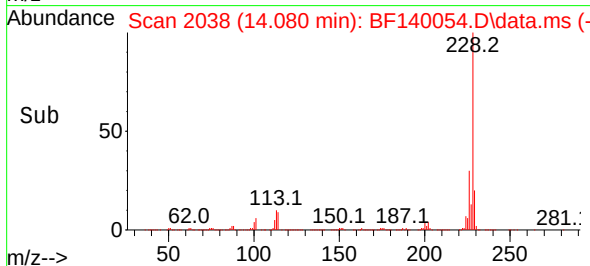
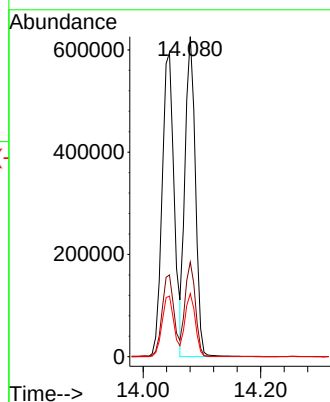
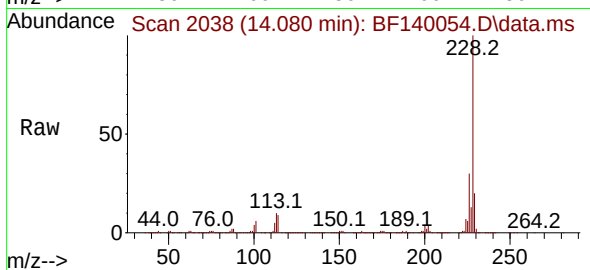
Tgt Ion:	228	Resp:	76311
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.572 ng

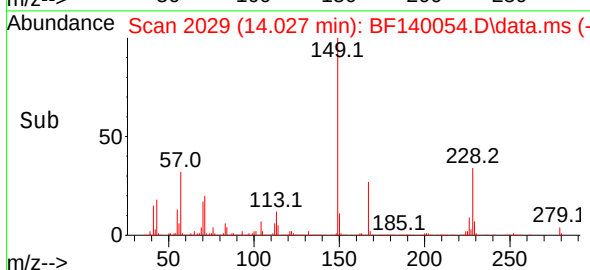
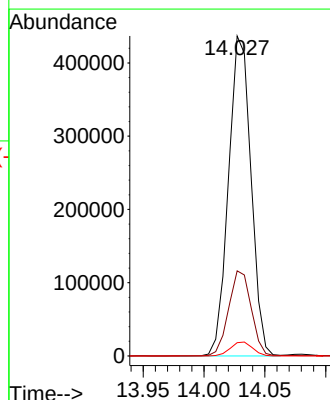
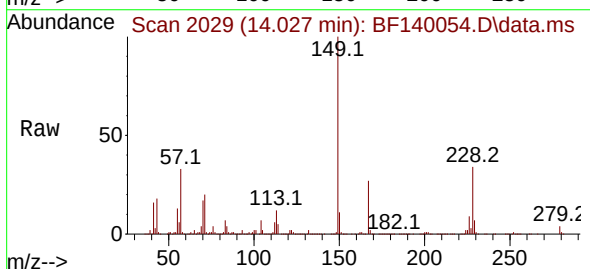
RT: 14.027 min Scan# 2029

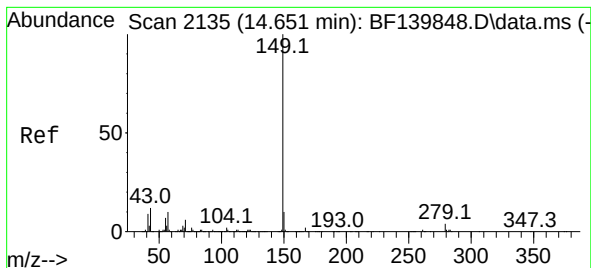
Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Tgt Ion:	149	Resp:	562025
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.4	32.0
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 58.213 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

BP-F22MS

Tgt Ion:149 Resp: 880674

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

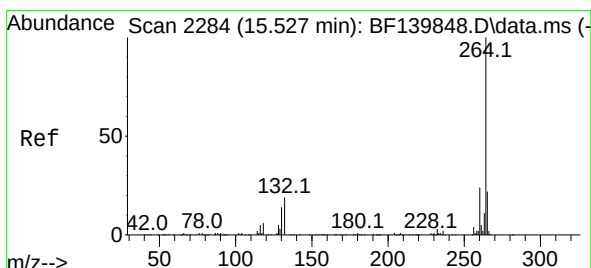
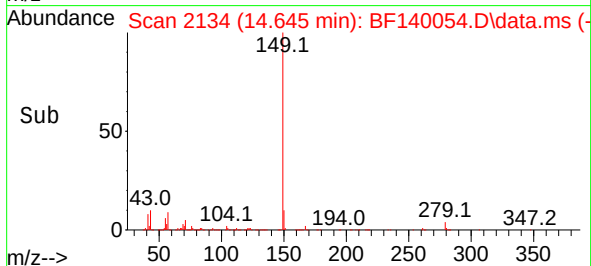
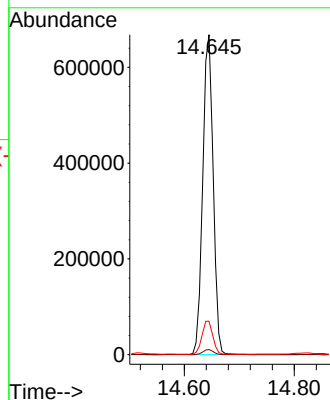
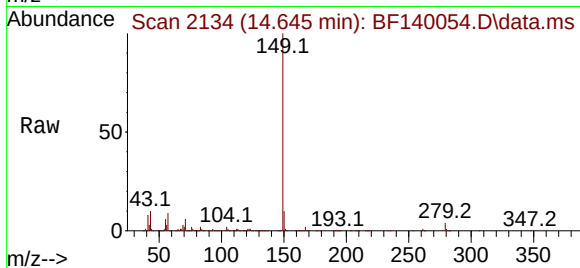
43 10.7 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

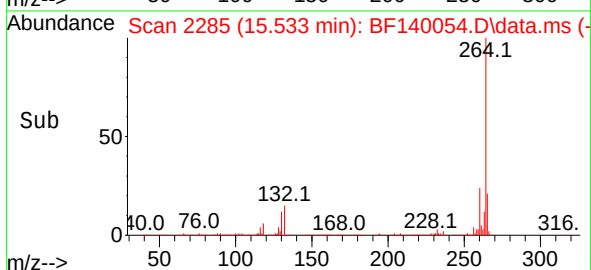
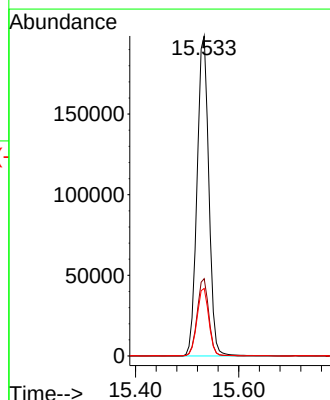
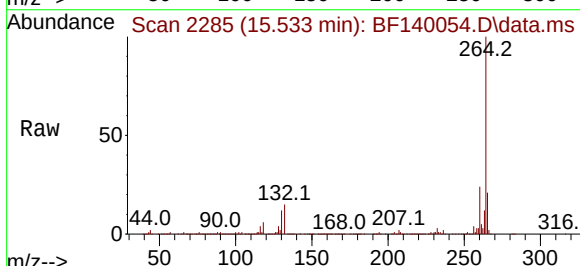
Tgt Ion:264 Resp: 312725

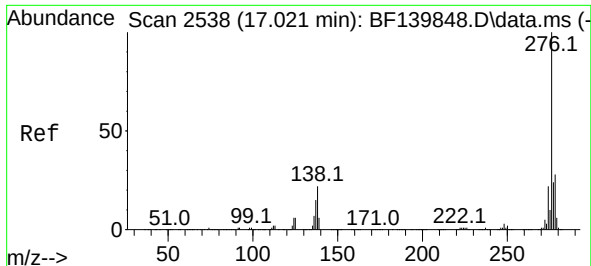
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

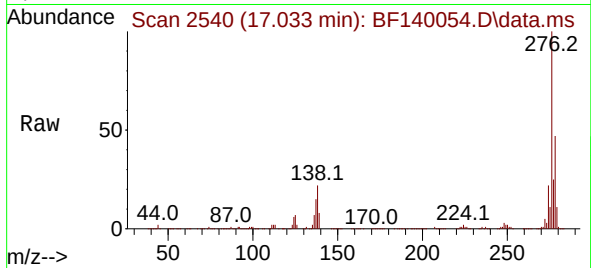
265 21.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.956 ng
RT: 17.033 min Scan# 2540
Delta R.T. 0.012 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

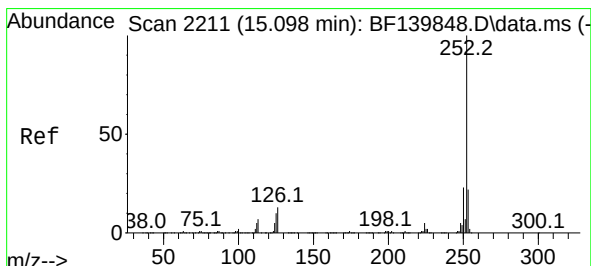
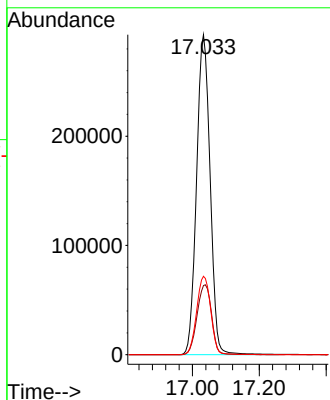
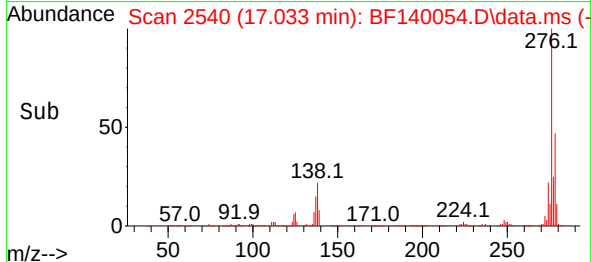
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:276 Resp: 823978
Ion Ratio Lower Upper
276 100
138 23.4 20.4 30.6
277 25.4 20.2 30.4

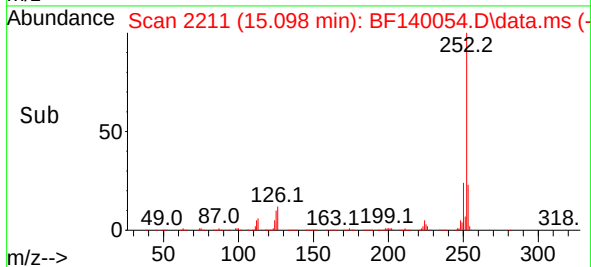
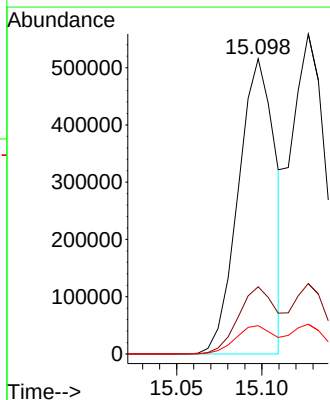
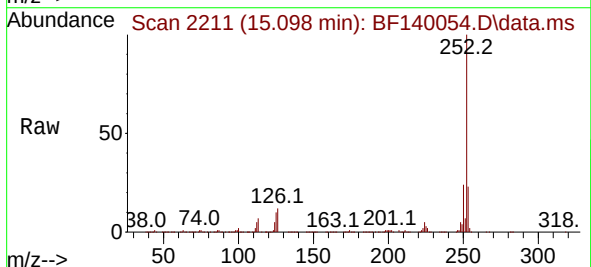
Manual Integrations
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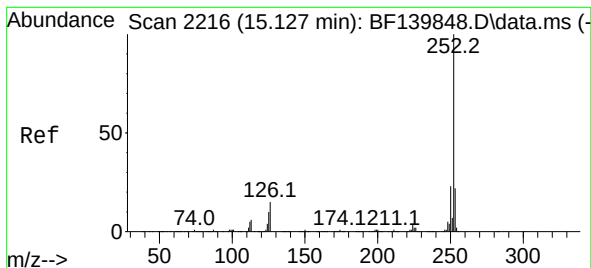
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#88
Benzo(b)fluoranthene
Concen: 40.626 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:252 Resp: 773921
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.076 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

Instrument :

BNA_F

ClientSampleId :

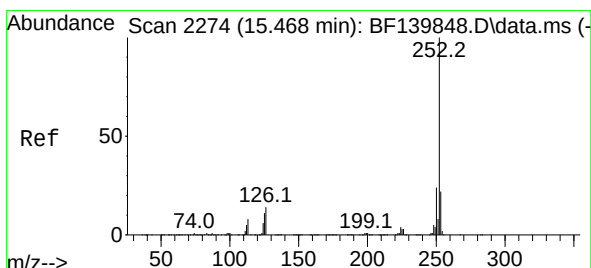
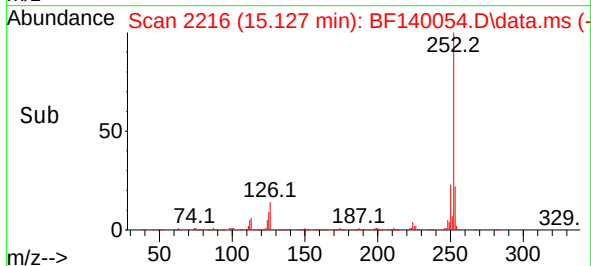
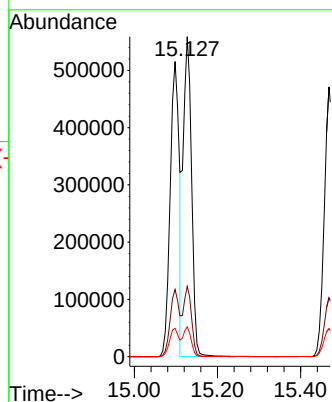
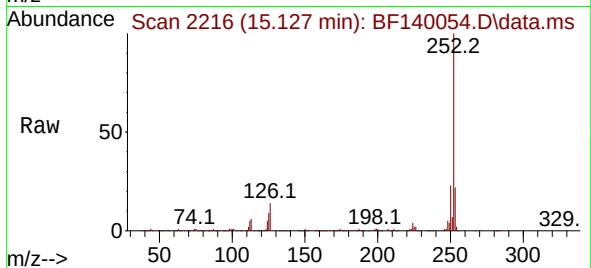
BP-F22MS

Tgt Ion:252 Resp: 78984
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024



#90

Benzo(a)pyrene

Concen: 48.188 ng

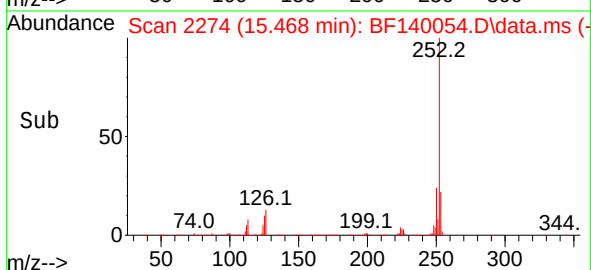
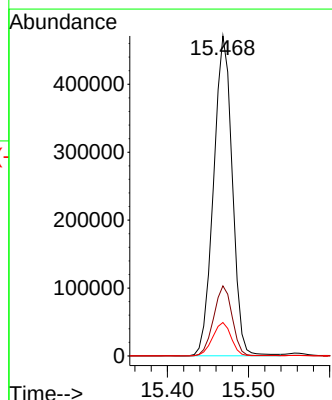
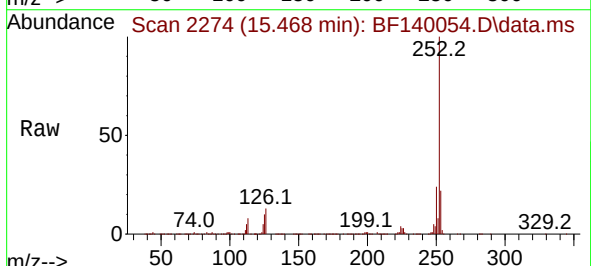
RT: 15.468 min Scan# 2274

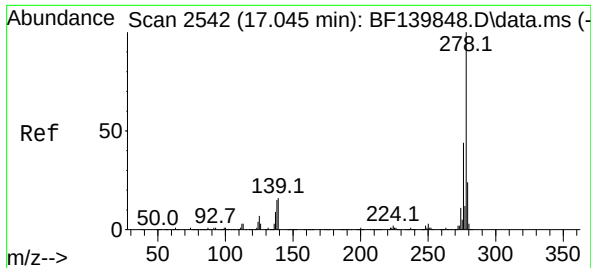
Delta R.T. 0.000 min

Lab File: BF140054.D

Acq: 26 Oct 2024 12:34

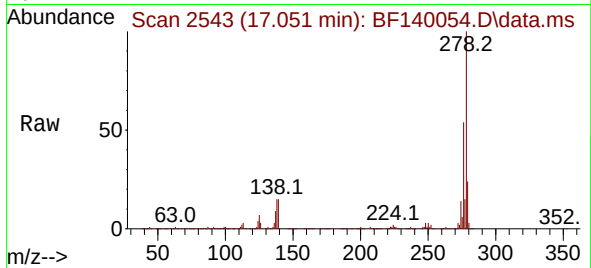
Tgt Ion:252 Resp: 755334
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 10.4 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 40.932 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

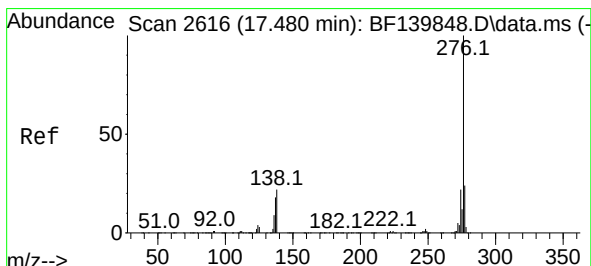
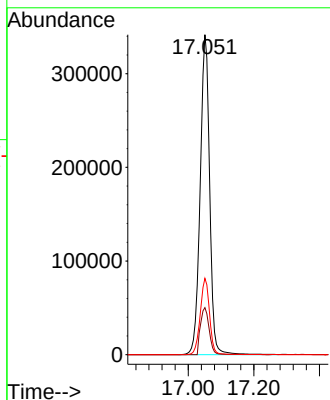
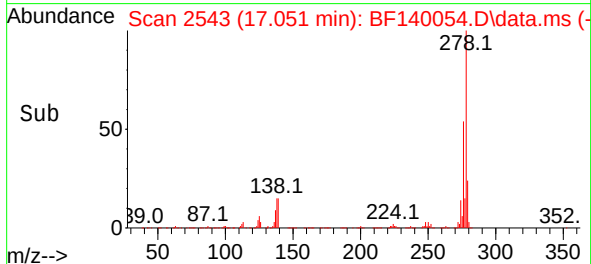
Instrument :
BNA_F
ClientSampleId :
BP-F22MS



Tgt Ion:278 Resp: 68697
Ion Ratio Lower Upper
278 100
139 14.7 13.1 19.7
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#92
Benzo(g,h,i)perylene
Concen: 34.628 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140054.D
Acq: 26 Oct 2024 12:34

Tgt Ion:276 Resp: 580505
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 20.2 17.4 26.0

