

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140055.D
 Acq On : 26 Oct 2024 13:02
 Operator : RC/JU
 Sample : P4508-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:06:21 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	6.893	152	158941	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	630402	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	353936	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608132	20.000	ng	0.00
76) Chrysene-d12	14.051	240	290348	20.000	ng	0.00
86) Perylene-d12	15.527	264	321487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	928462	91.449	ng	0.02
7) Phenol-d6	6.516	99	1206456	91.749	ng	0.00
23) Nitrobenzene-d5	7.451	82	764320	67.197	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	359775	108.673	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1328285	62.024	ng	0.00
79) Terphenyl-d14	12.998	244	1255023	70.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	182920	38.642	ng	95
3) Pyridine	3.534	79	468664	39.942	ng	97
4) n-Nitrosodimethylamine	3.493	42	252103	39.990	ng	97
6) Aniline	6.551	93	323350	26.385	ng	99
8) 2-Chlorophenol	6.675	128	468280	45.117	ng	97
9) Benzaldehyde	6.440	77	95064	12.851	ng	96
10) Phenol	6.528	94	584079m	43.085	ng	
11) bis(2-Chloroethyl)ether	6.622	93	452095	43.146	ng	100
12) 1,3-Dichlorobenzene	6.834	146	501388	42.082	ng	98
13) 1,4-Dichlorobenzene	6.910	146	507263	42.615	ng	99
14) 1,2-Dichlorobenzene	7.057	146	486434	43.786	ng	99
15) Benzyl Alcohol	7.028	79	436384	45.241	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	740558	41.449	ng	96
17) 2-Methylphenol	7.140	107	394701	44.597	ng	99
18) Hexachloroethane	7.404	117	182581	43.013	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	346335	43.427	ng	96
20) 3+4-Methylphenols	7.293	107	480605	42.455	ng	# 80
22) Acetophenone	7.298	105	645198	41.786	ng	99
24) Nitrobenzene	7.469	77	523352	41.967	ng	99
25) Isophorone	7.710	82	962345	44.577	ng	99
26) 2-Nitrophenol	7.787	139	250459	53.237	ng	96
27) 2,4-Dimethylphenol	7.822	122	401156	51.137	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	568033	43.429	ng	99
29) 2,4-Dichlorophenol	8.028	162	400785	44.854	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	413152	41.787	ng	99
31) Naphthalene	8.192	128	1380167	42.451	ng	100
32) Benzoic acid	7.940	122	285102	41.669	ng	96
33) 4-Chloroaniline	8.234	127	90435	8.157	ng	98
34) Hexachlorobutadiene	8.310	225	266223	42.855	ng	99
35) Caprolactam	8.616	113	127595m	44.910	ng	
36) 4-Chloro-3-methylphenol	8.722	107	438615	44.332	ng	96
37) 2-Methylnaphthalene	8.886	142	864302	43.406	ng	99
38) 1-Methylnaphthalene	8.986	142	804453	41.178	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	412044	43.152	ng	99
41) Hexachlorocyclopentadiene	9.039	237	453485	136.490	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	309843	45.832	ng	99

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Instrument :
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 ClientSampleId :
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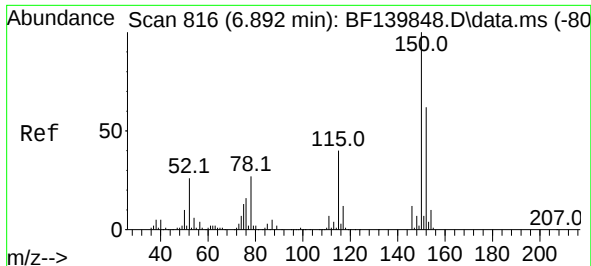
Quant Time: Oct 28 01:06:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations
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 Supervised By :mohammad ahmed 10/29/2024

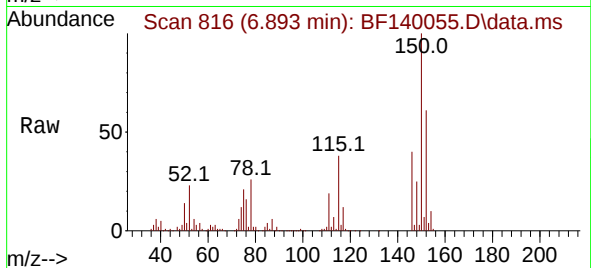
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	314835	45.139	ng	98
46) 1,1'-Biphenyl	9.351	154	1048992	42.574	ng	99
47) 2-Chloronaphthalene	9.375	162	842414	42.450	ng	99
48) 2-Nitroaniline	9.469	65	287236	47.325	ng	92
49) Acenaphthylene	9.792	152	1297693	45.232	ng	99
50) Dimethylphthalate	9.651	163	992884	45.037	ng	100
51) 2,6-Dinitrotoluene	9.710	165	223888	46.903	ng	96
52) Acenaphthene	9.963	154	898799	48.429	ng	100
53) 3-Nitroaniline	9.875	138	101051	20.528	ng	99
54) 2,4-Dinitrophenol	9.986	184	219022	107.953	ng #	1
55) Dibenzofuran	10.133	168	1139092	42.778	ng	100
56) 4-Nitrophenol	10.039	139	345200	91.150	ng	97
57) 2,4-Dinitrotoluene	10.116	165	296834	50.568	ng	98
58) Fluorene	10.481	166	865438	42.672	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	254129	46.478	ng	97
60) Diethylphthalate	10.351	149	955489	44.142	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	441636	43.120	ng	99
62) 4-Nitroaniline	10.498	138	212705	45.752	ng	96
63) Azobenzene	10.628	77	1036180	45.153	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	156748	63.191	ng	92
66) n-Nitrosodiphenylamine	10.586	169	805647	44.263	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	286410	45.717	ng	99
68) Hexachlorobenzene	11.028	284	317854	45.112	ng	95
69) Atrazine	11.116	200	264780	53.703	ng	99
70) Pentachlorophenol	11.216	266	365065	85.371	ng	99
71) Phenanthrene	11.439	178	1247853	43.440	ng	100
72) Anthracene	11.492	178	1267626	45.229	ng	100
73) Carbazole	11.645	167	1083216	41.557	ng	99
74) Di-n-butylphthalate	11.975	149	1390634	46.178	ng	100
75) Fluoranthene	12.627	202	1160864	39.976	ng	99
77) Benzidine	12.745	184	247576	51.856	ng	100
78) Pyrene	12.857	202	1134921	44.655	ng	100
80) Butylbenzylphthalate	13.469	149	448387	58.847	ng	99
81) Benzo(a)anthracene	14.045	228	870442	46.053	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	137287	24.912	ng	99
83) Chrysene	14.080	228	777702	44.877	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	565771	66.182	ng	99
85) Di-n-octyl phthalate	14.645	149	898167	57.764	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	861923	41.675	ng	98
88) Benzo(b)fluoranthene	15.098	252	817520	41.745	ng	99
89) Benzo(k)fluoranthene	15.127	252	800696	47.409	ng	99
90) Benzo(a)pyrene	15.468	252	786707	48.821	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	719689	41.713	ng	98
92) Benzo(g,h,i)perylene	17.480	276	602315	34.949	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

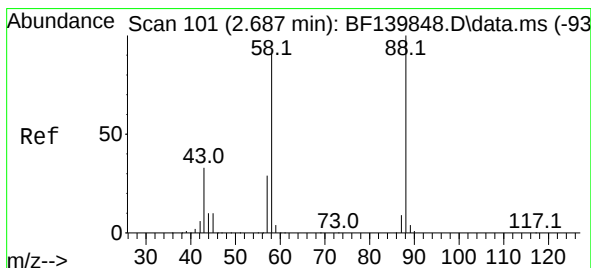
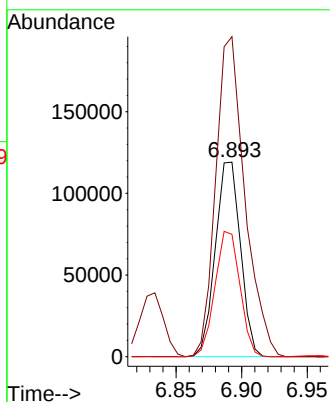
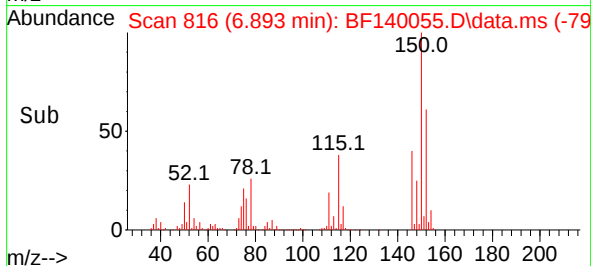
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:152 Resp: 15894
Ion Ratio Lower Upper
152 100
150 164.5 130.2 195.2
115 63.0 51.4 77.2

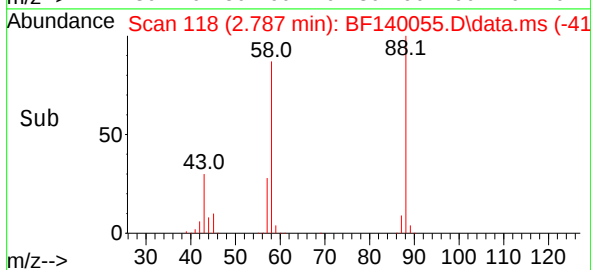
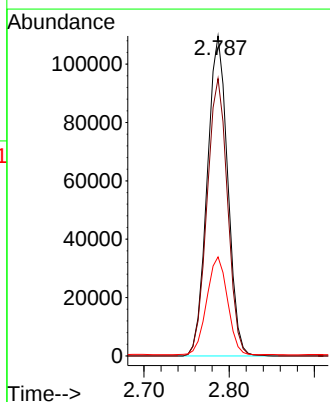
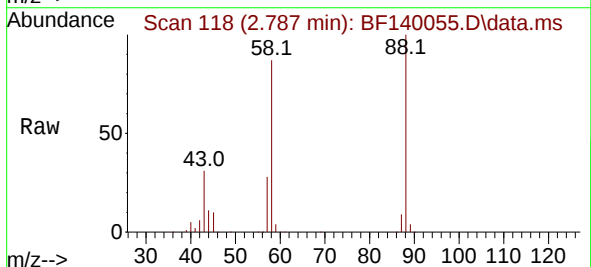
Manual Integrations
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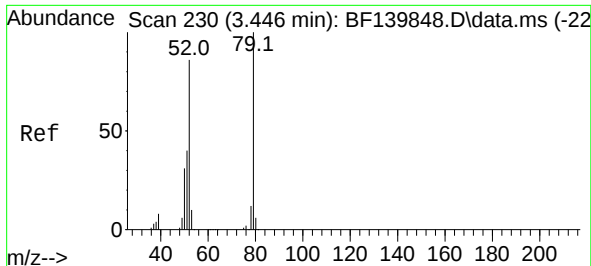
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#2
1,4-Dioxane
Concen: 38.642 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.100 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 88 Resp: 182920
Ion Ratio Lower Upper
88 100
58 86.9 73.3 109.9
43 30.9 27.1 40.7





#3

Pyridine

Concen: 39.942 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.088 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion: 79 Resp: 46866

Ion Ratio Lower Upper

79 100

52 82.5 68.5 102.7

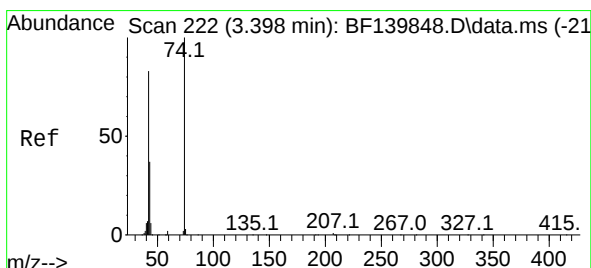
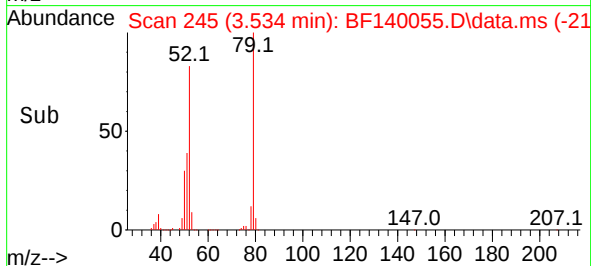
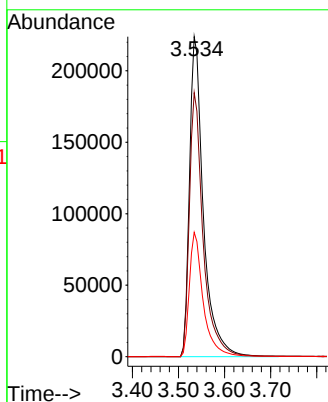
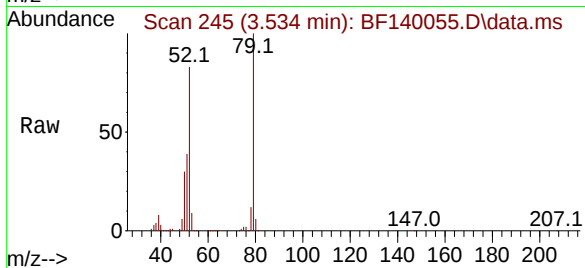
51 38.9 32.3 48.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#4

n-Nitrosodimethylamine

Concen: 39.990 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.094 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

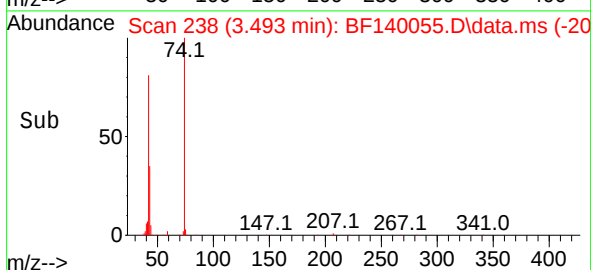
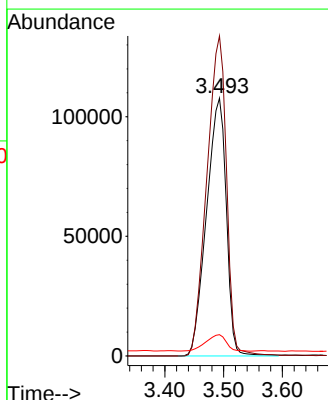
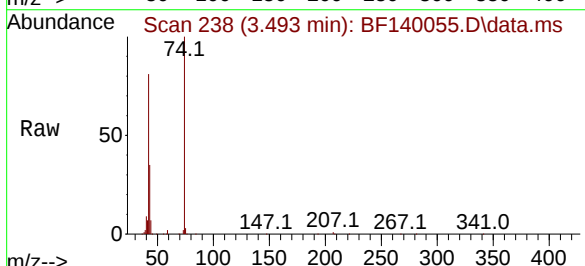
Tgt Ion: 42 Resp: 252103

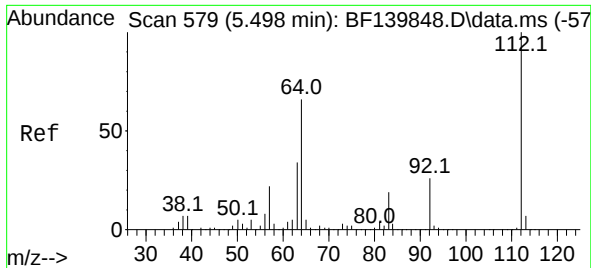
Ion Ratio Lower Upper

42 100

74 124.2 96.2 144.4

44 8.3 6.2 9.2





#5
2-Fluorophenol
Concen: 91.449 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

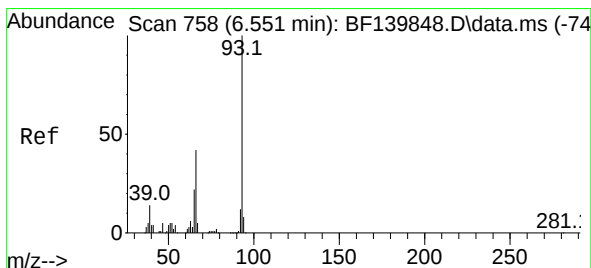
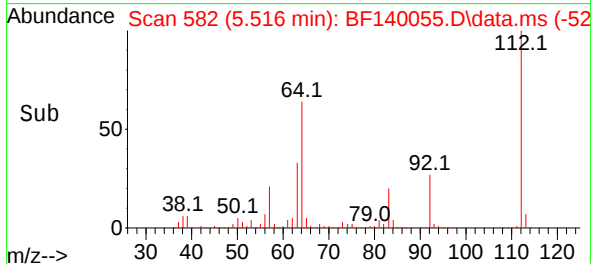
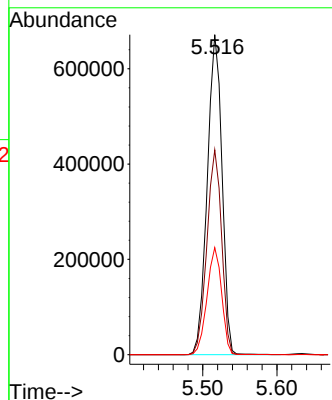
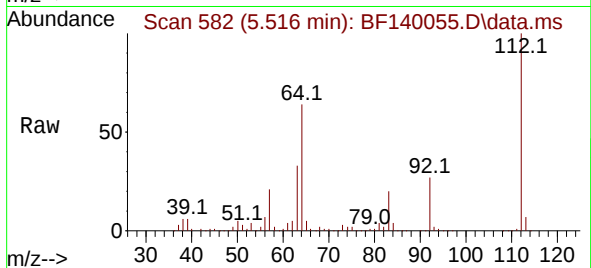
BP-F22MSD

Tgt Ion:112 Resp: 928462
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.4 27.0 40.4

Manual Integrations

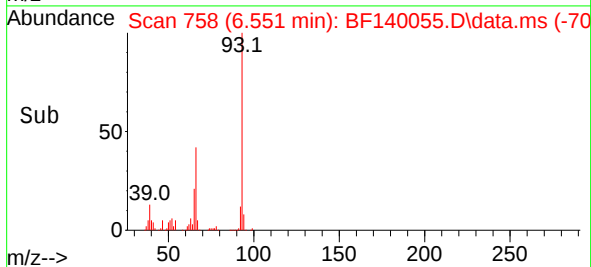
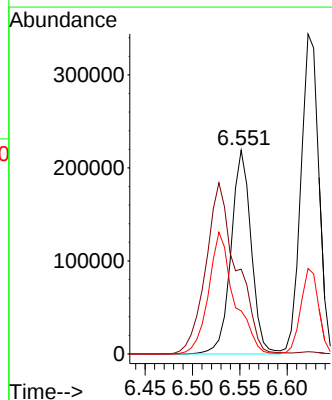
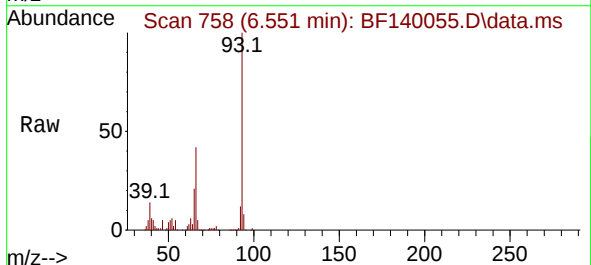
APPROVED

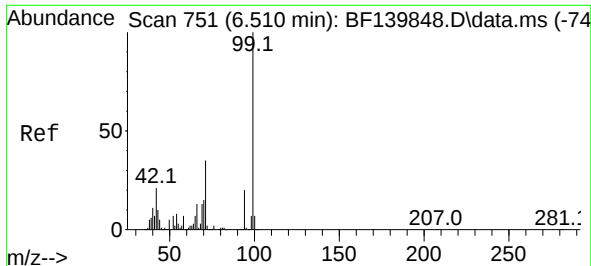
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#6
Aniline
Concen: 26.385 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 93 Resp: 323350
Ion Ratio Lower Upper
93 100
66 41.7 34.0 51.0
65 21.2 17.4 26.0





#7

Phenol-d6

Concen: 91.749 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion: 99 Resp: 120645

Ion Ratio Lower Upper

99 100

42 19.4 16.7 25.1

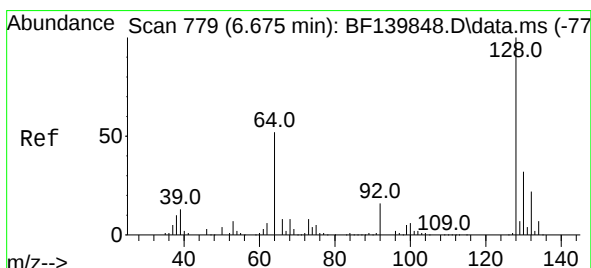
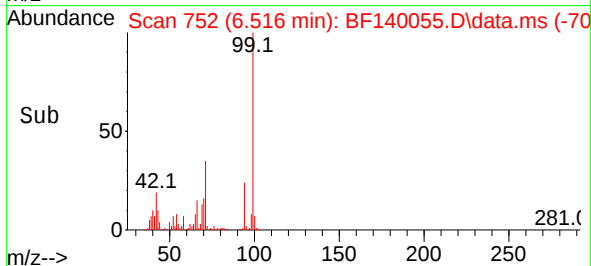
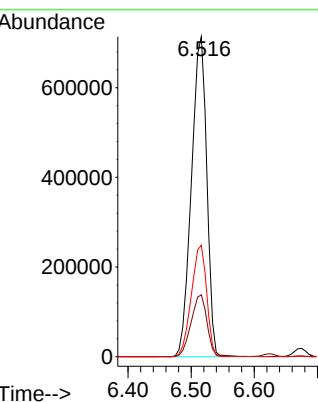
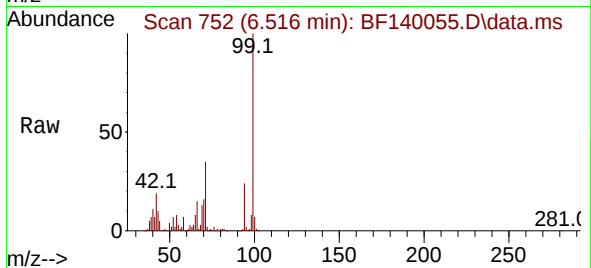
71 34.9 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#8

2-Chlorophenol

Concen: 45.117 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

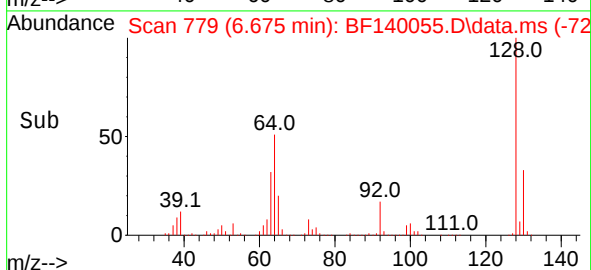
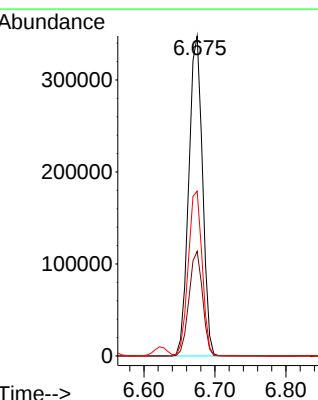
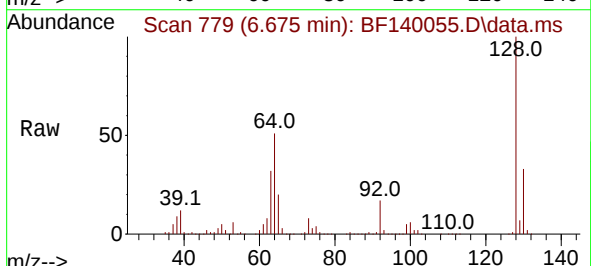
Tgt Ion:128 Resp: 468280

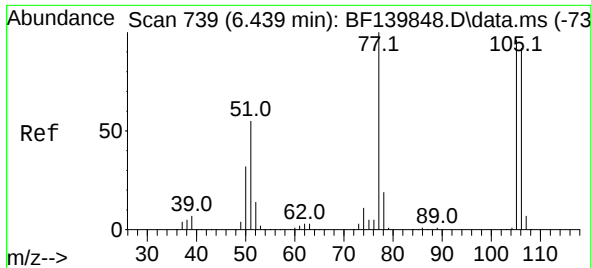
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 51.5 34.6 74.6





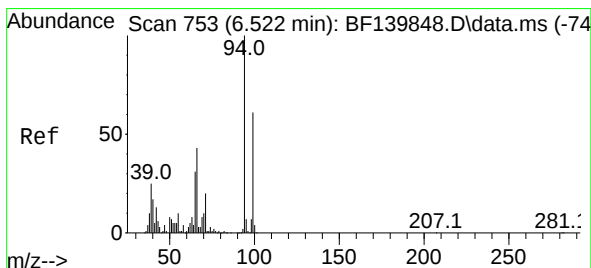
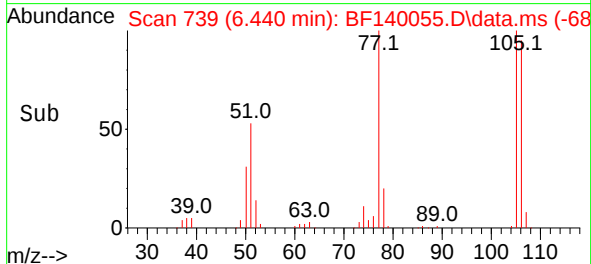
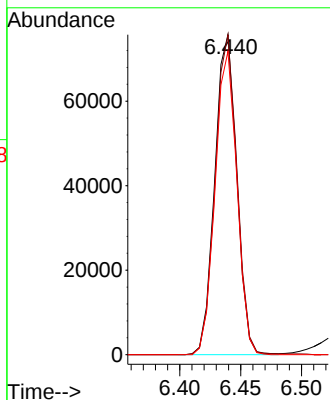
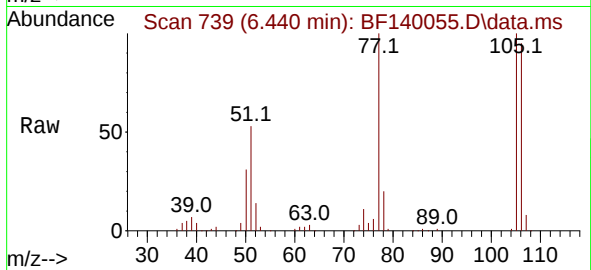
#9
Benzaldehyde
Concen: 12.851 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

Tgt Ion: 77 Resp: 95064
Ion Ratio Lower Upper
77 100
105 99.9 75.5 115.5
106 94.8 71.7 111.7

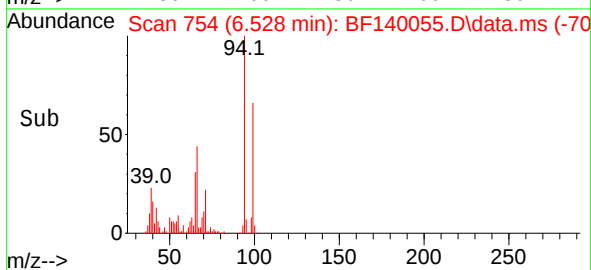
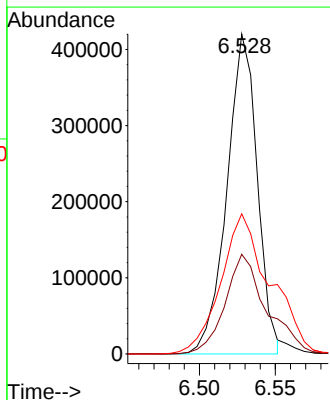
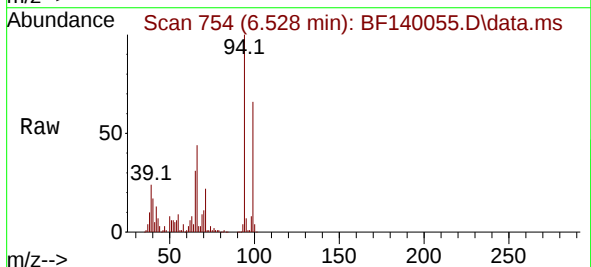
Manual Integrations
APPROVED

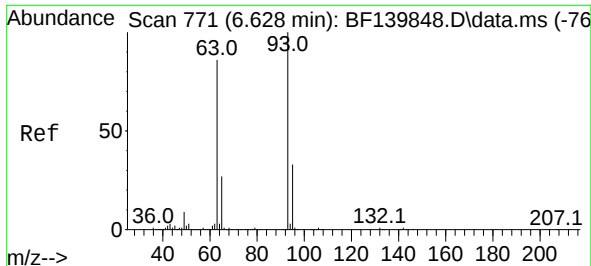
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#10
Phenol
Concen: 43.085 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 94 Resp: 584079
Ion Ratio Lower Upper
94 100
65 31.1 11.1 51.1
66 43.8 22.7 62.7





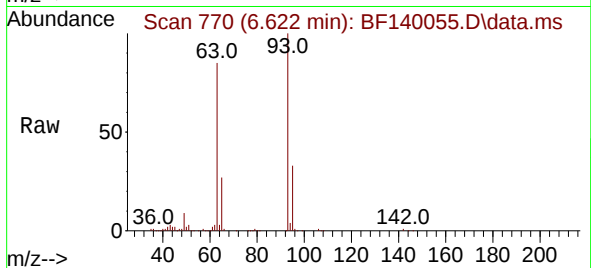
#11
bis(2-Chloroethyl)ether
Concen: 43.146 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

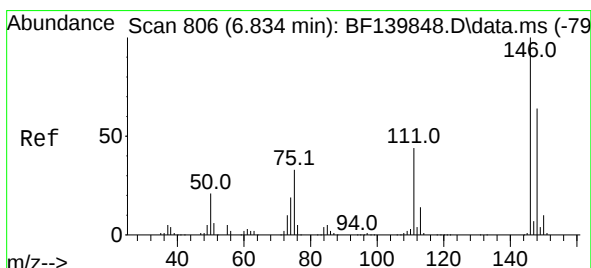
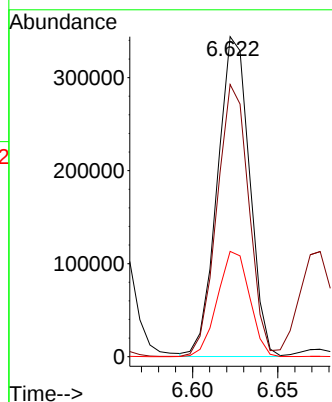
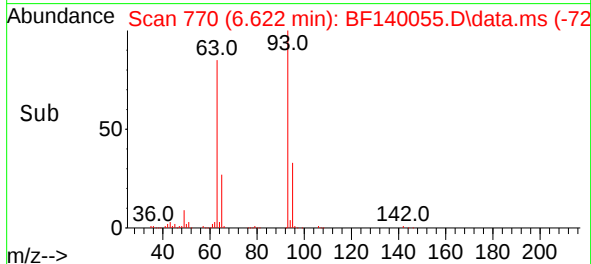
BP-F22MSD



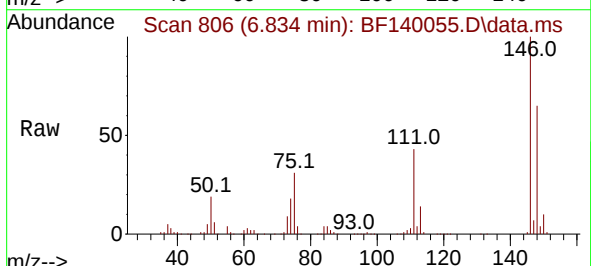
Tgt Ion: 93 Resp: 452094
Ion Ratio Lower Upper
93 100
63 85.0 65.0 105.0
95 32.9 12.4 52.4

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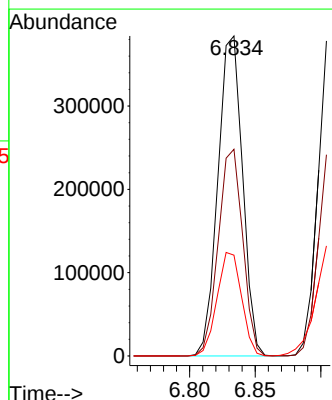
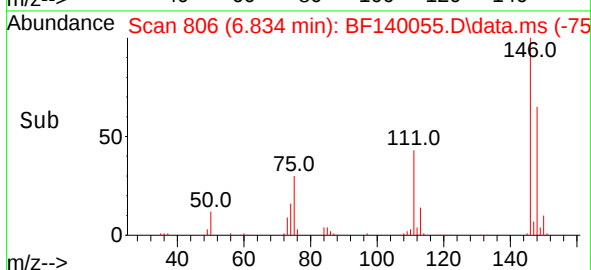
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

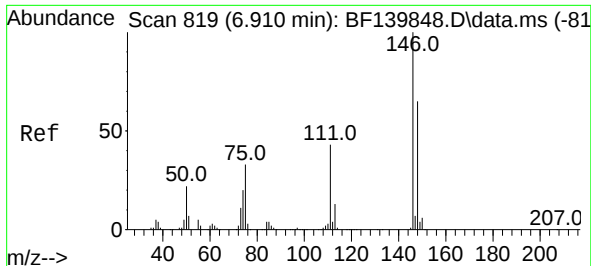


#12
1,3-Dichlorobenzene
Concen: 42.082 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:146 Resp: 501388
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 31.5 26.4 39.6





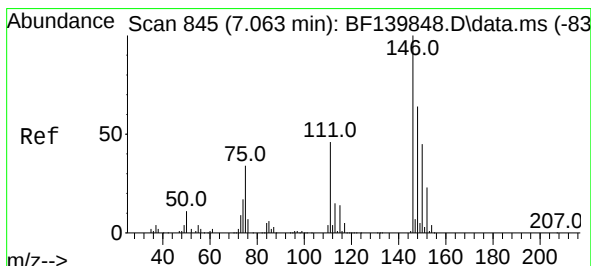
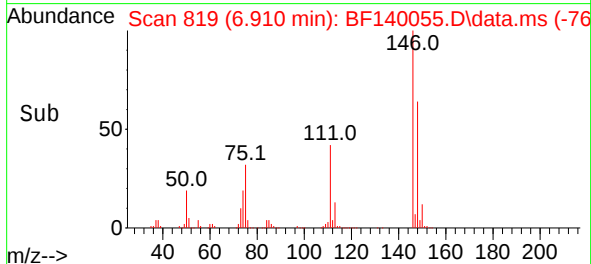
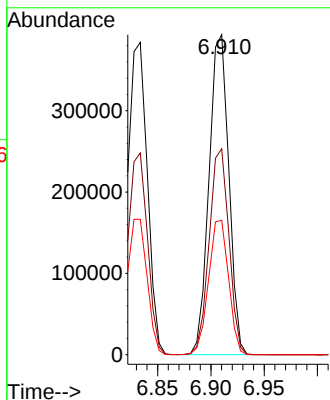
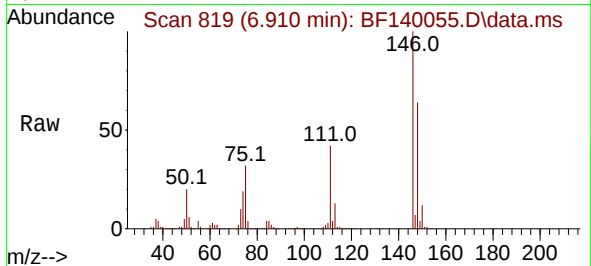
#13
1,4-Dichlorobenzene
Concen: 42.615 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

Tgt Ion:146 Resp: 507263
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 42.0 34.6 51.8

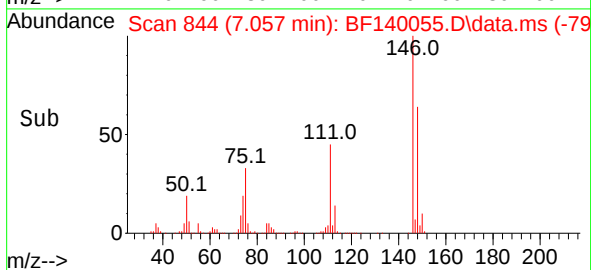
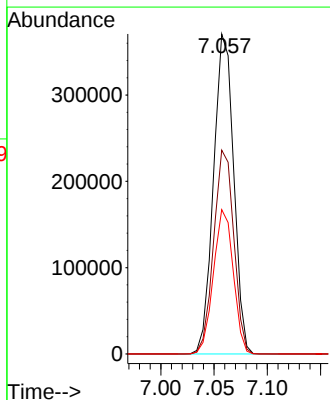
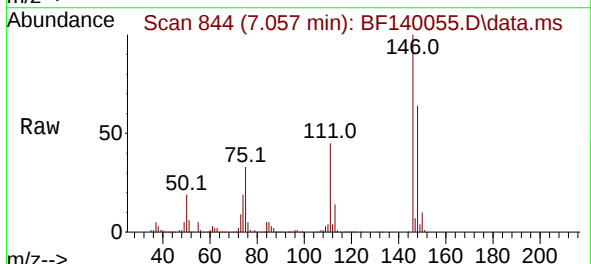
Manual Integrations
APPROVED

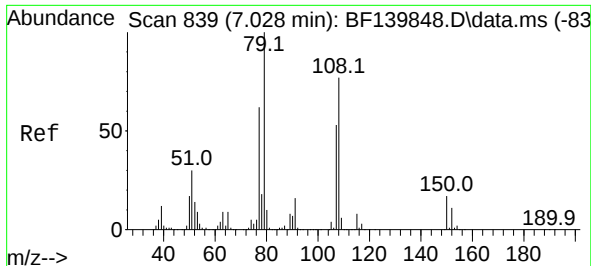
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#14
1,2-Dichlorobenzene
Concen: 43.786 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

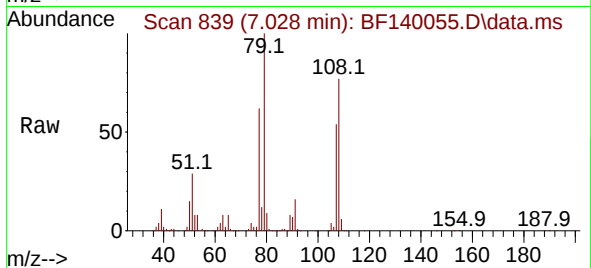
Tgt Ion:146 Resp: 486434
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 45.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 45.241 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

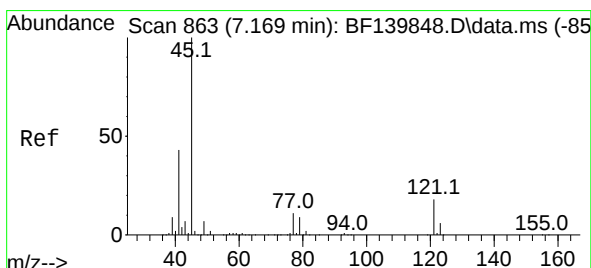
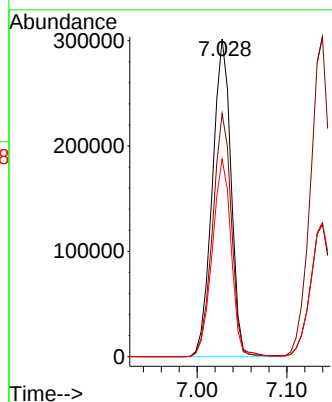
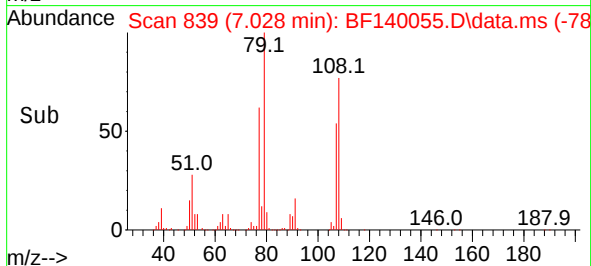
Instrument :
BNA_F
Client SampleId :
BP-F22MSD



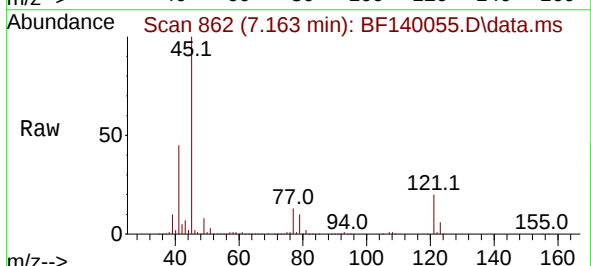
Tgt Ion: 79 Resp: 436384
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 62.2 49.9 74.9

Manual Integrations
APPROVED

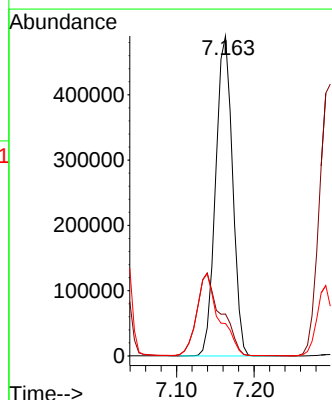
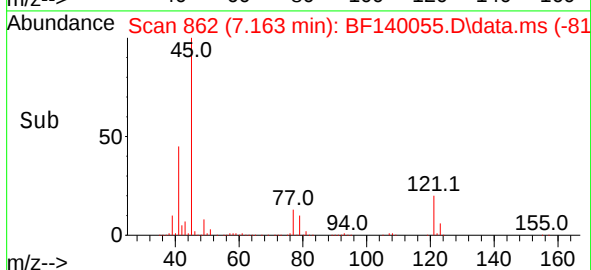
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

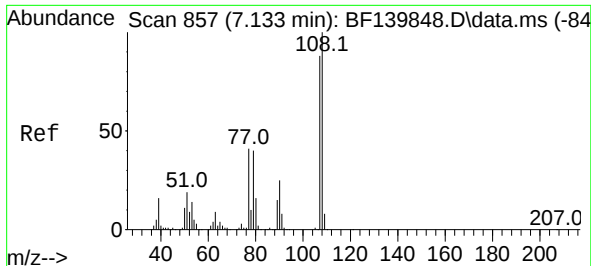


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.449 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion: 45 Resp: 740558
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 10.1 0.0 29.1





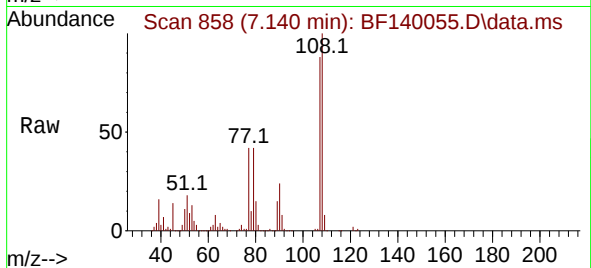
#17
2-Methylphenol
Concen: 44.597 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

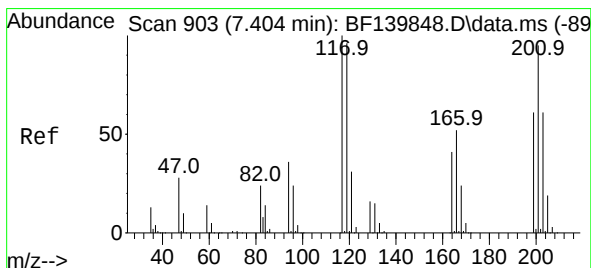
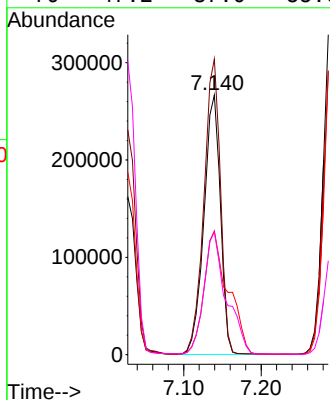


Tgt Ion:107 Resp: 39470
Ion Ratio Lower Upper
107 100
108 113.8 91.3 136.9
77 47.7 37.1 55.7
79 47.2 37.0 55.6

Manual Integrations

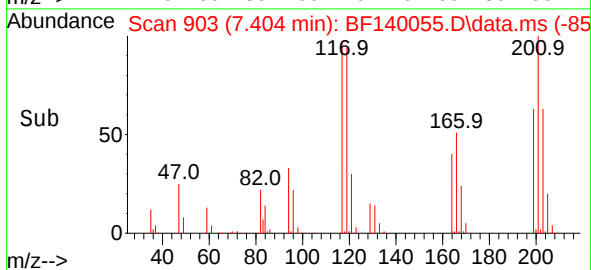
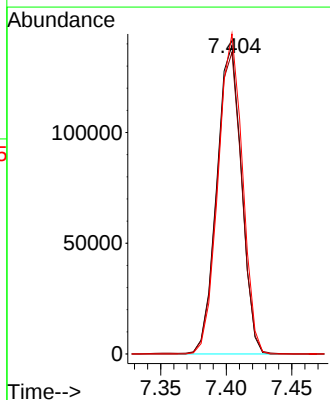
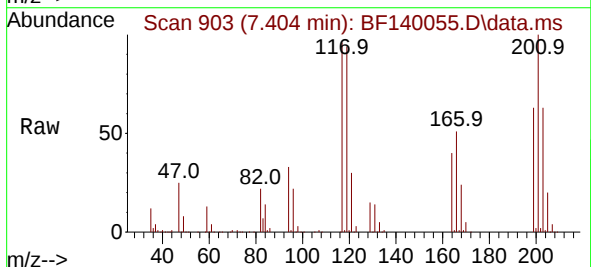
APPROVED

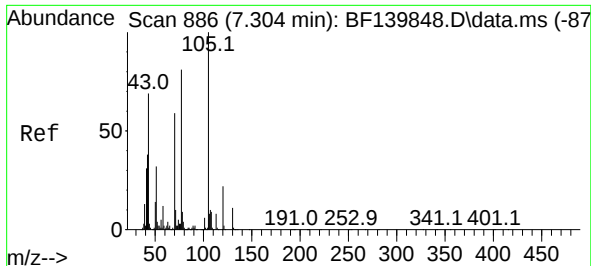
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#18
Hexachloroethane
Concen: 43.013 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

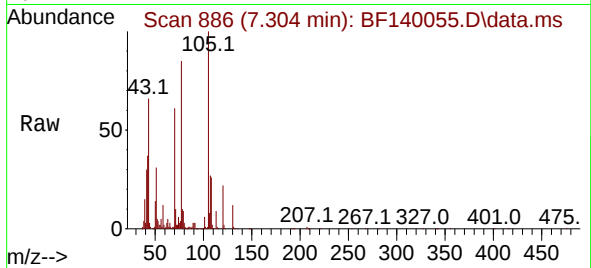
Tgt Ion:117 Resp: 182581
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.4
201 103.7 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.427 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

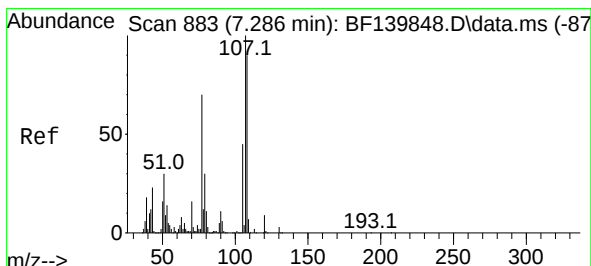
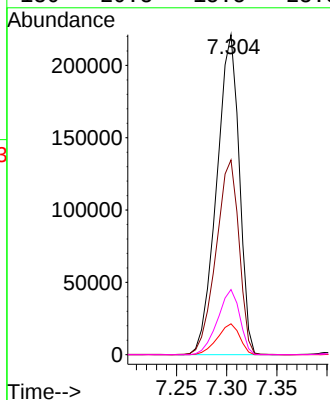
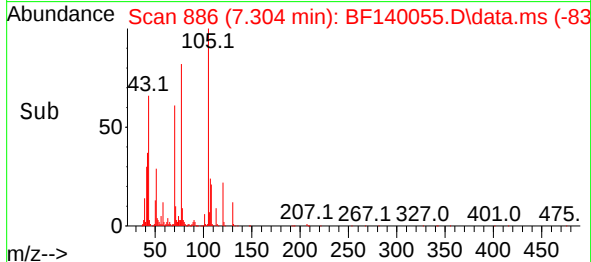
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



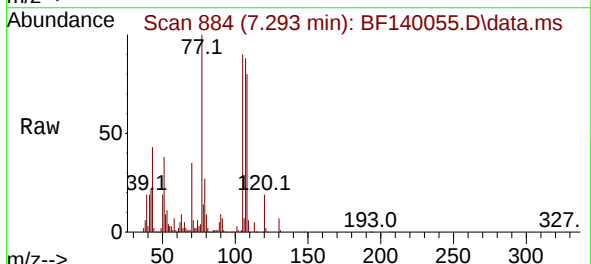
Tgt Ion: 70 Resp: 34633
Ion Ratio Lower Upper
70 100
42 60.8 51.5 77.3
101 9.7 7.5 11.3
130 20.3 15.5 23.3

Manual Integrations
APPROVED

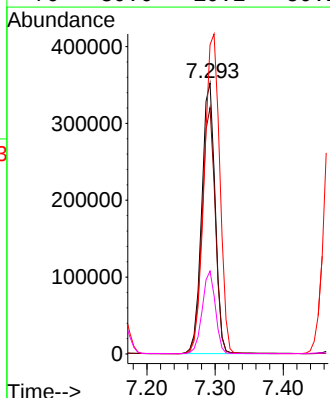
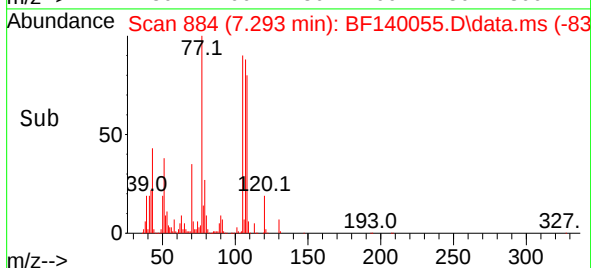
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

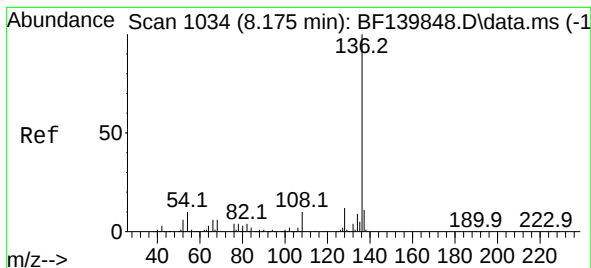


#20
3+4-Methylphenols
Concen: 42.455 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:107 Resp: 480605
Ion Ratio Lower Upper
107 100
108 91.0 69.8 109.8
77 114.1 50.5 90.5#
79 30.6 10.2 50.2





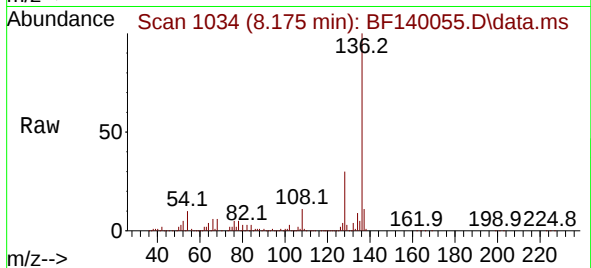
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



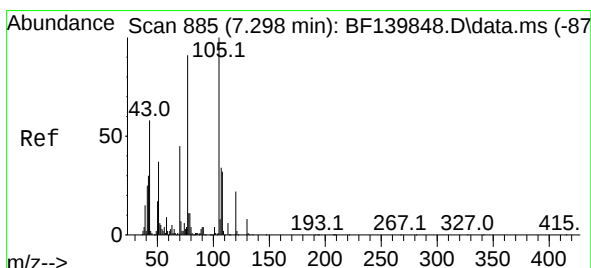
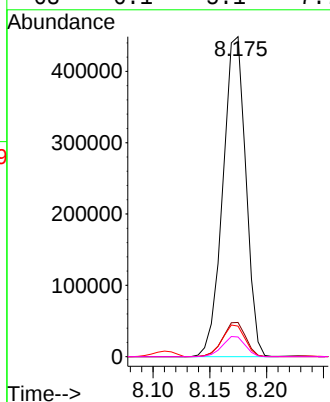
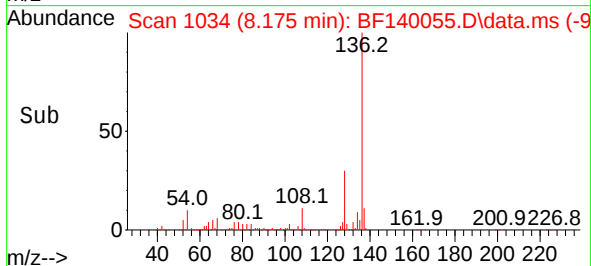
Tgt Ion:136 Resp: 630402
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.6 8.4 12.6
68 6.1 5.1 7.7

Manual Integrations

APPROVED

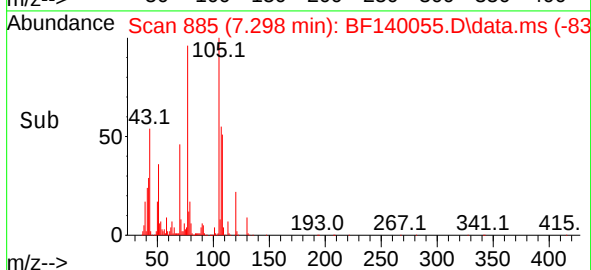
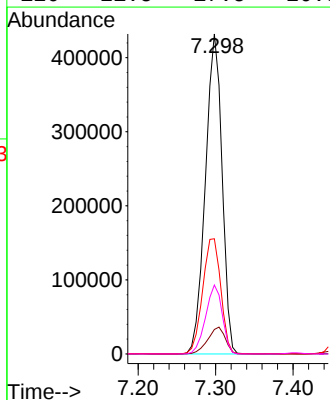
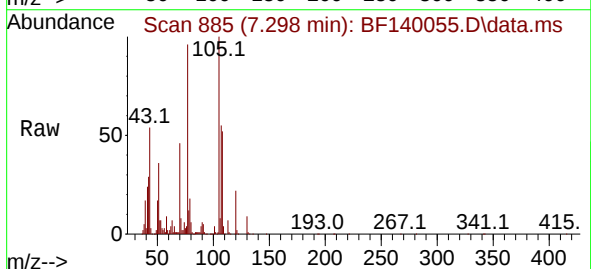
Reviewed By :Yogesh Patel 10/29/2024

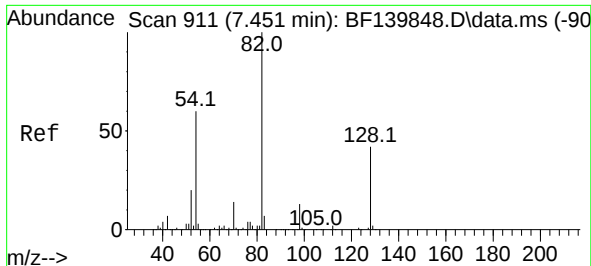
Supervised By :mohammad ahmed 10/29/2024



#22
Acetophenone
Concen: 41.786 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:105 Resp: 645198
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 36.0 29.4 44.2
120 21.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 67.197 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

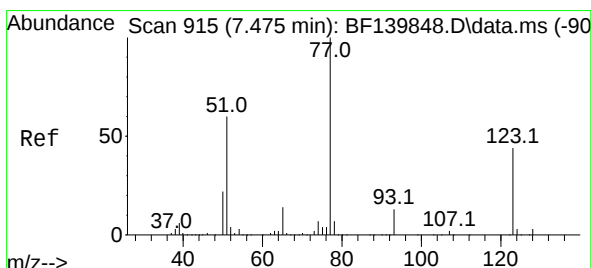
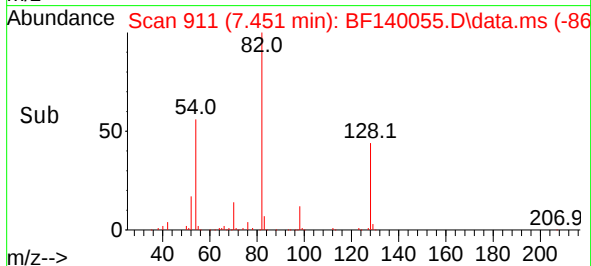
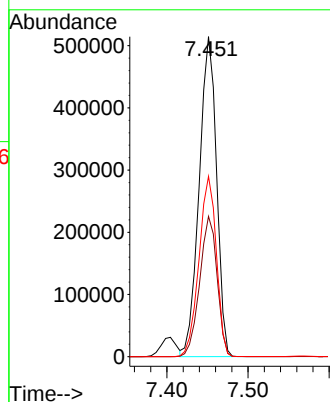
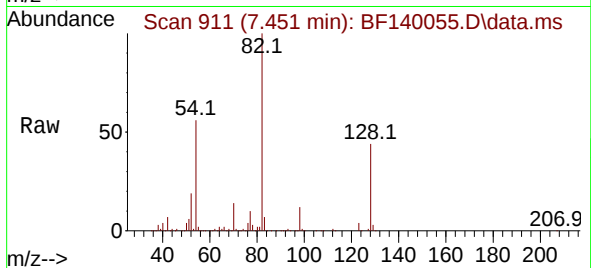
Tgt Ion: 82 Resp: 764320
 Ion Ratio Lower Upper
 82 100
 128 43.8 33.4 50.0
 54 56.3 47.8 71.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#24

Nitrobenzene

Concen: 41.967 ng

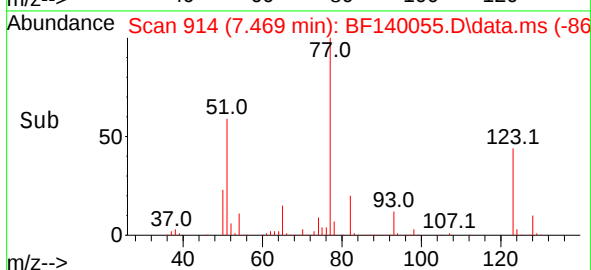
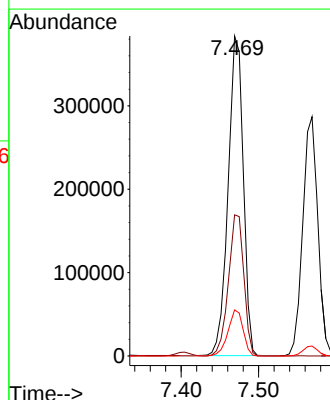
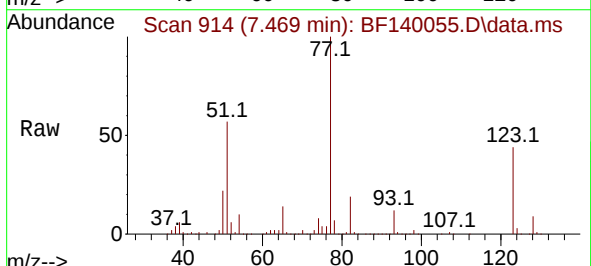
RT: 7.469 min Scan# 914

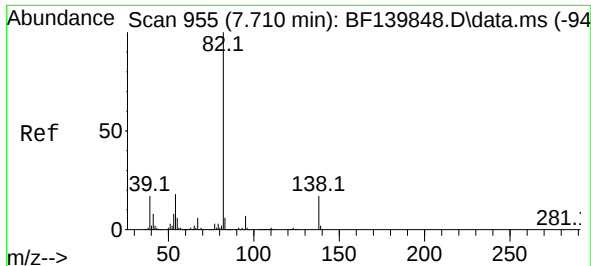
Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion: 77 Resp: 523352
 Ion Ratio Lower Upper
 77 100
 123 44.1 35.7 53.5
 65 14.4 11.5 17.3





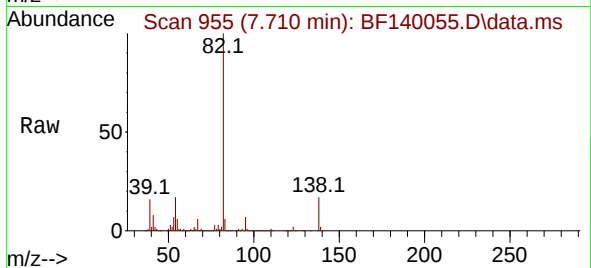
#25
Isophorone
Concen: 44.577 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

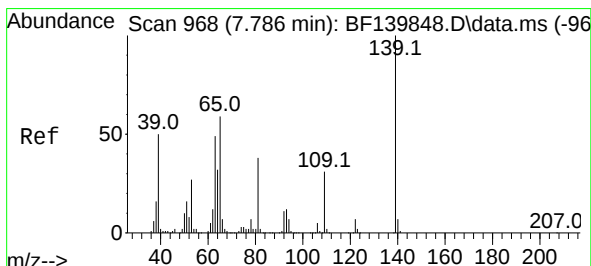
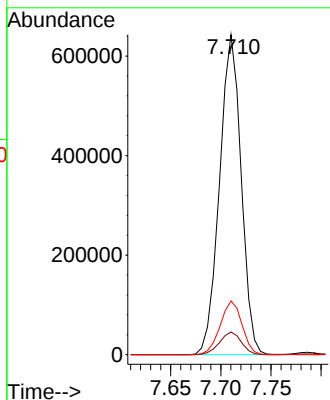
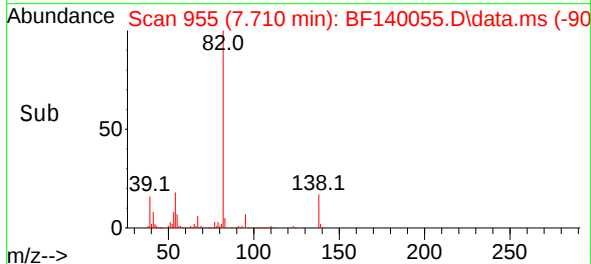
BP-F22MSD



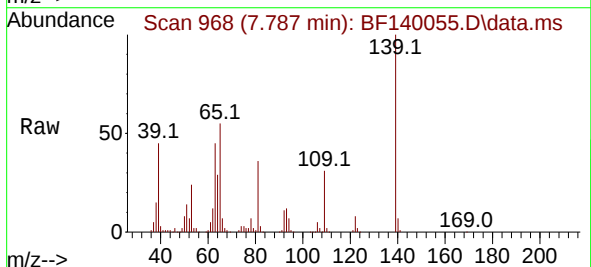
Tgt Ion: 82 Resp: 962345
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.8 13.2 19.8

Manual Integrations
APPROVED

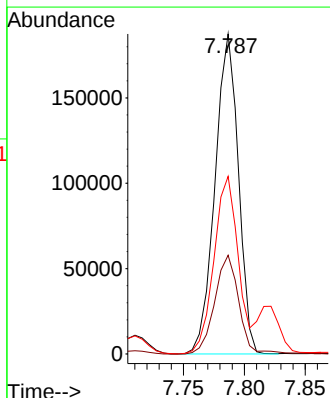
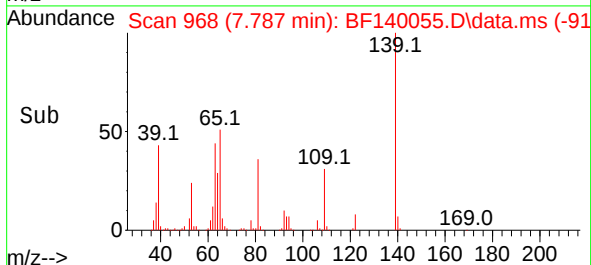
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

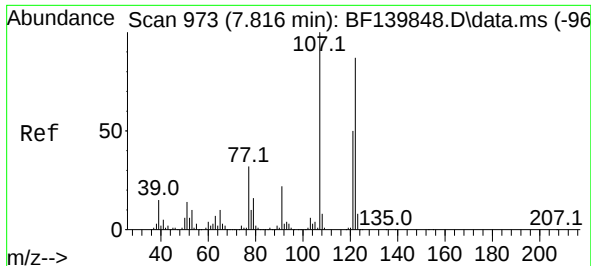


#26
2-Nitrophenol
Concen: 53.237 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:139 Resp: 250459
Ion Ratio Lower Upper
139 100
109 30.9 25.1 37.7
65 55.5 47.5 71.3





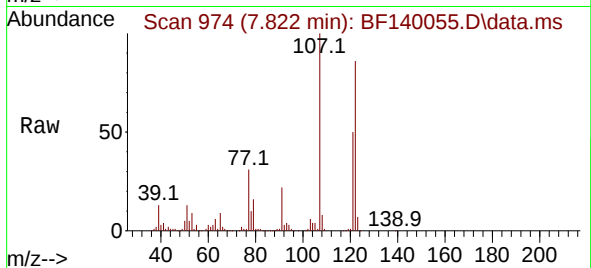
#27
2,4-Dimethylphenol
Concen: 51.137 ng
RT: 7.822 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



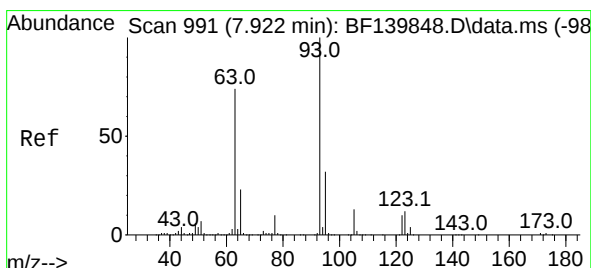
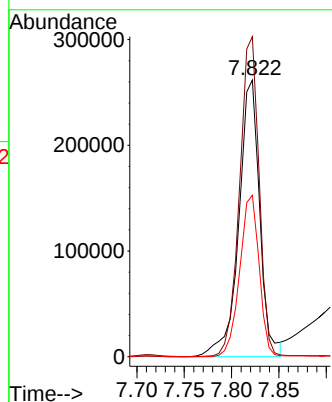
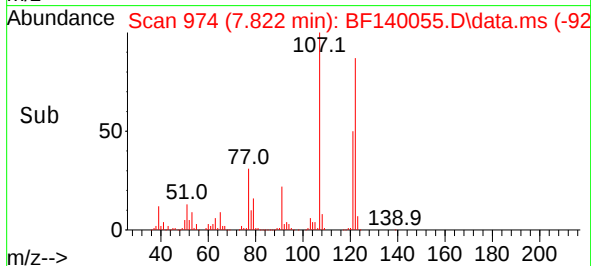
Tgt Ion:122 Resp: 401156
Ion Ratio Lower Upper
122 100
107 115.7 91.9 137.9
121 58.4 46.2 69.4

Manual Integrations

APPROVED

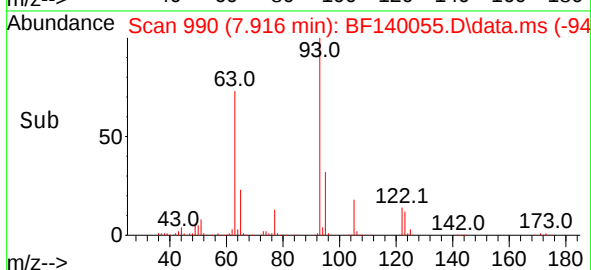
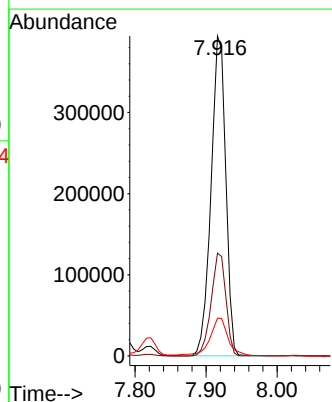
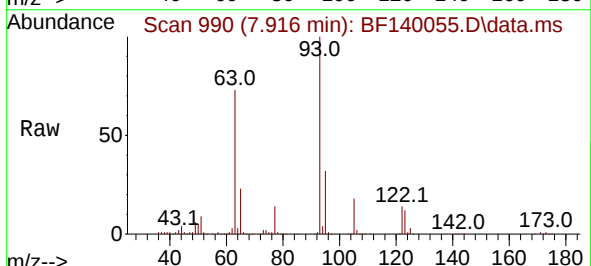
Reviewed By :Yogesh Patel 10/29/2024

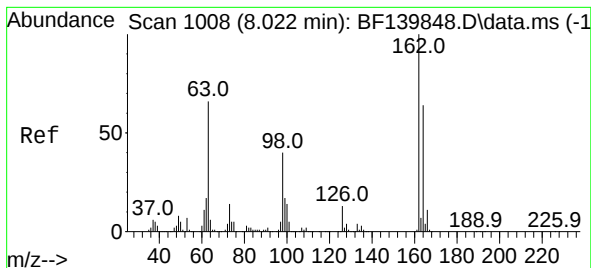
Supervised By :mohammad ahmed 10/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.429 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 93 Resp: 568033
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 11.8 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.854 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:162 Resp: 400785

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

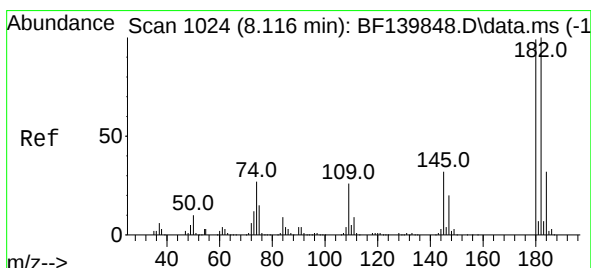
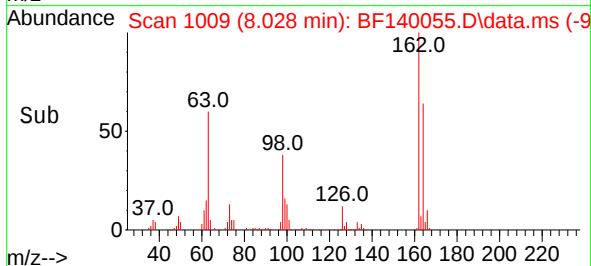
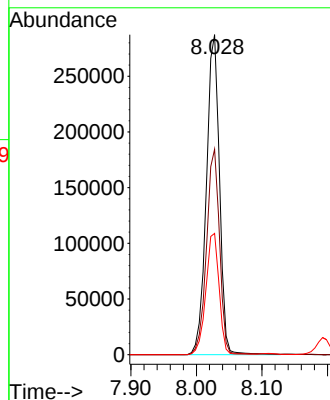
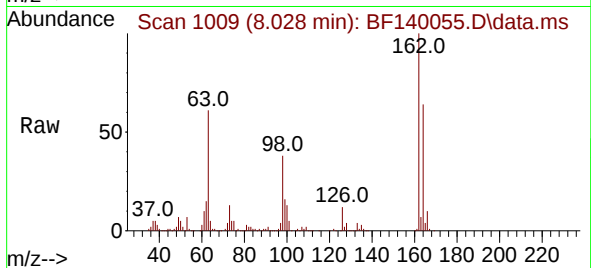
98 37.9 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.787 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

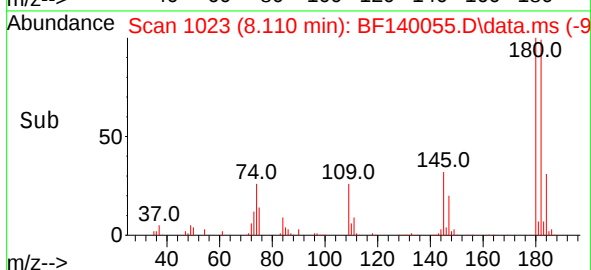
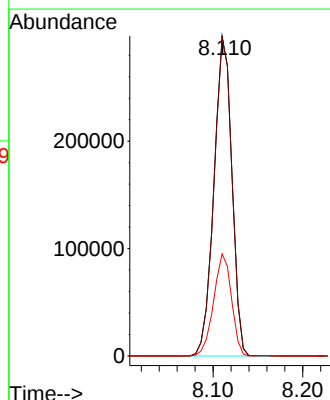
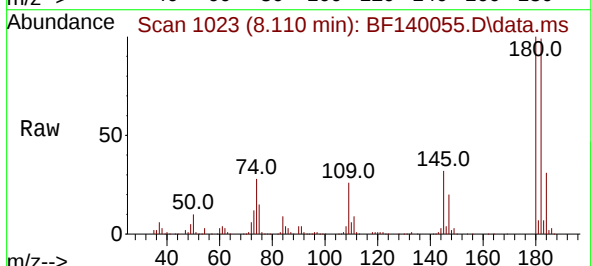
Tgt Ion:180 Resp: 413152

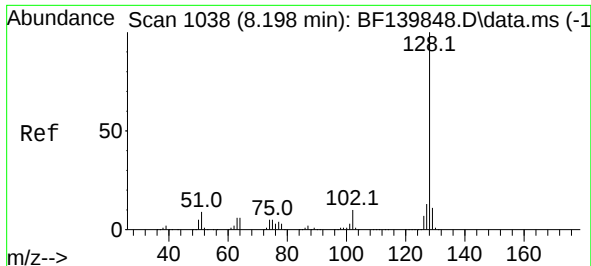
Ion Ratio Lower Upper

180 100

182 99.3 80.5 120.7

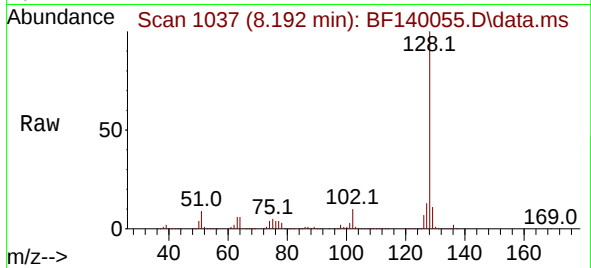
145 31.9 25.4 38.0





#31
Naphthalene
Concen: 42.451 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

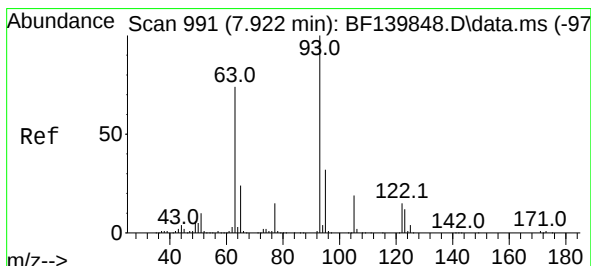
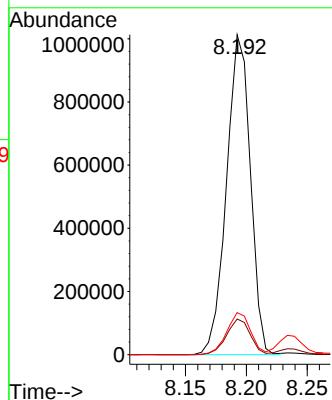
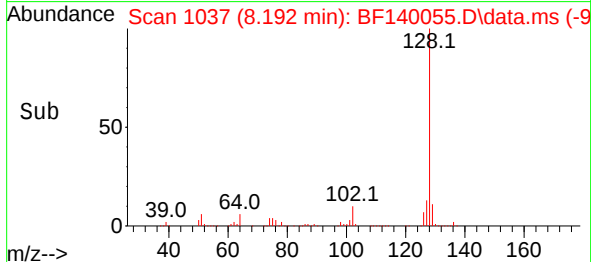
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:128 Resp: 138016
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 16.0

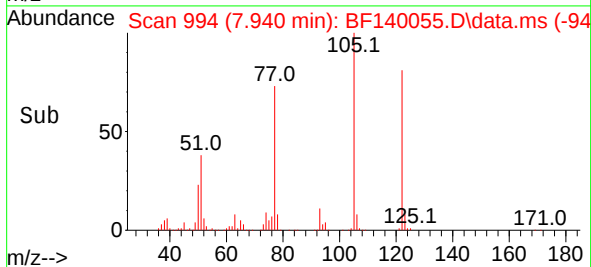
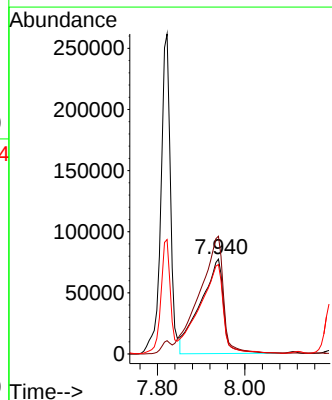
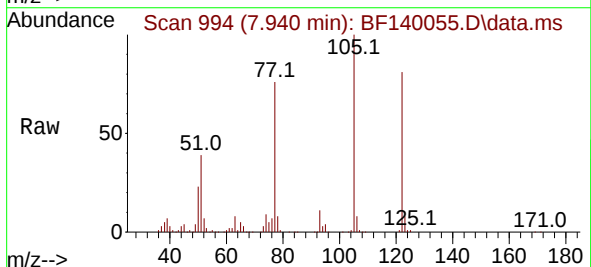
Manual Integrations
APPROVED

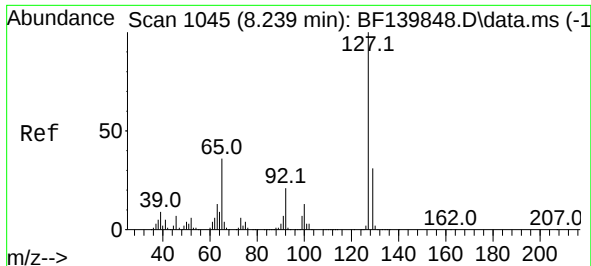
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#32
Benzoic acid
Concen: 41.669 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:122 Resp: 285102
Ion Ratio Lower Upper
122 100
105 124.0 107.6 147.6
77 94.2 80.2 120.2





#33

4-Chloroaniline

Concen: 8.157 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:127 Resp: 90435

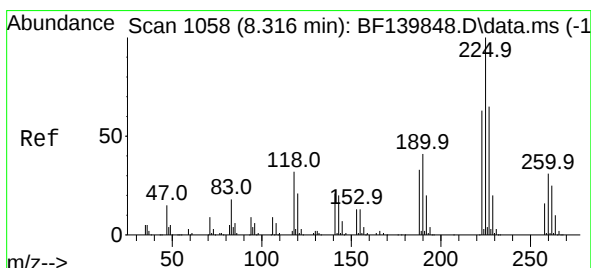
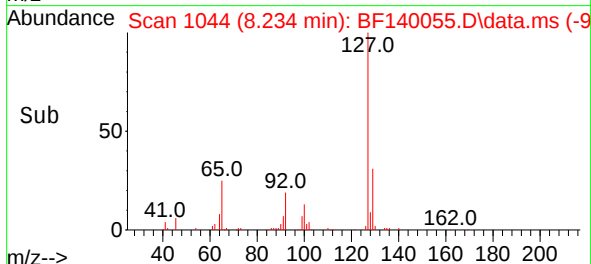
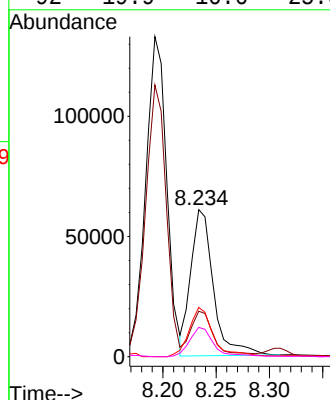
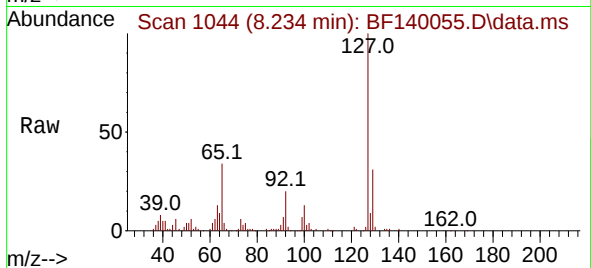
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.4	38.2
65	33.6	28.4	42.6
92	19.9	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#34

Hexachlorobutadiene

Concen: 42.855 ng

RT: 8.310 min Scan# 1057

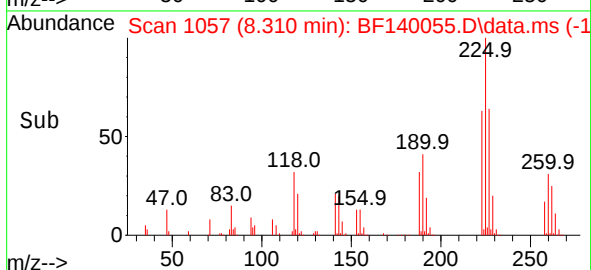
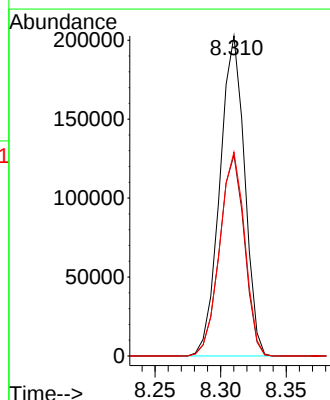
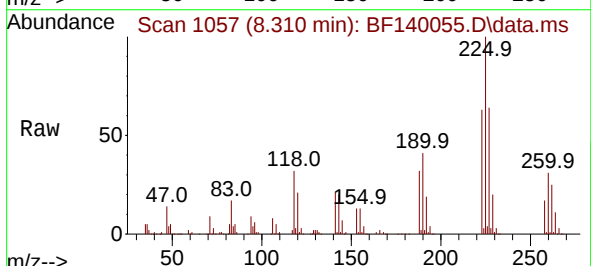
Delta R.T. -0.006 min

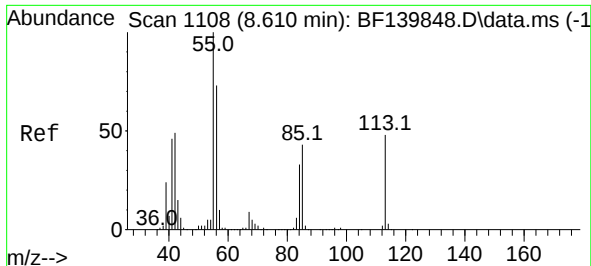
Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion:225 Resp: 266223

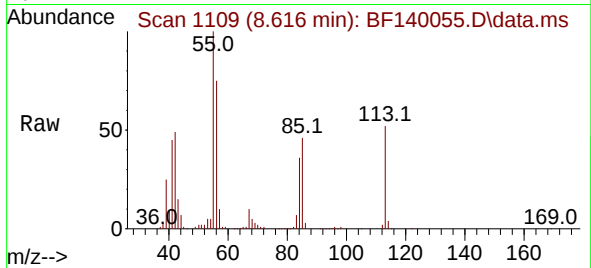
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.7	51.8	77.8





#35
Caprolactam
Concen: 44.910 ng m
RT: 8.616 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

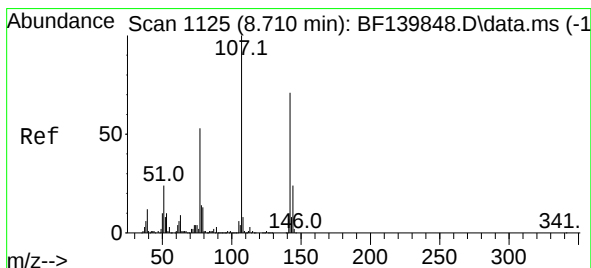
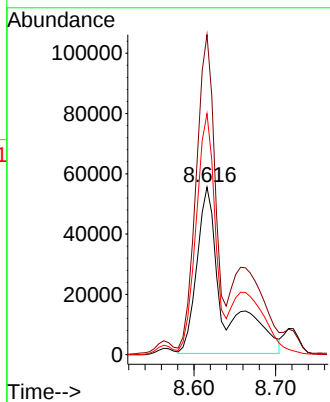
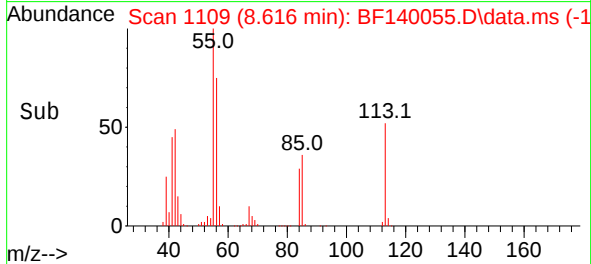
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:113 Resp: 127594
Ion Ratio Lower Upper
113 100
55 191.1 189.2 229.2
56 143.9 132.5 172.5

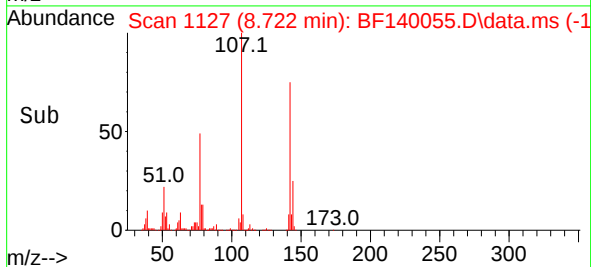
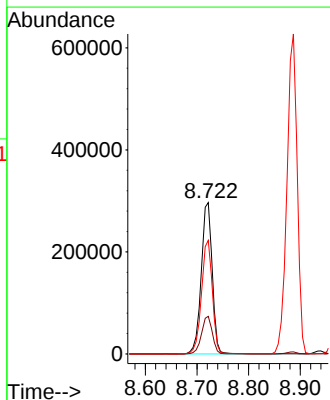
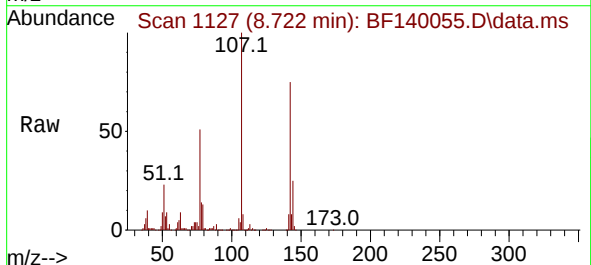
Manual Integrations
APPROVED

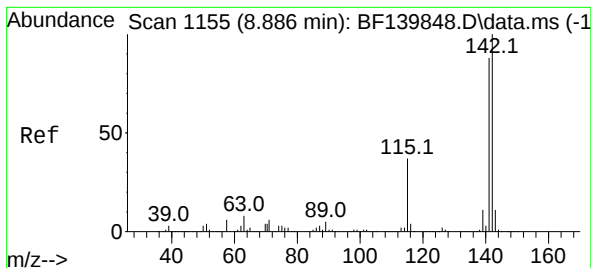
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#36
4-Chloro-3-methylphenol
Concen: 44.332 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.012 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:107 Resp: 438615
Ion Ratio Lower Upper
107 100
144 24.9 19.1 28.7
142 75.1 57.2 85.8





#37
2-Methylnaphthalene
Concen: 43.406 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

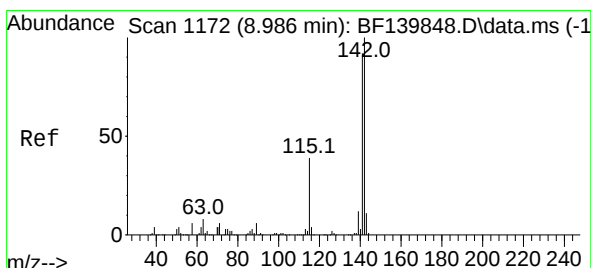
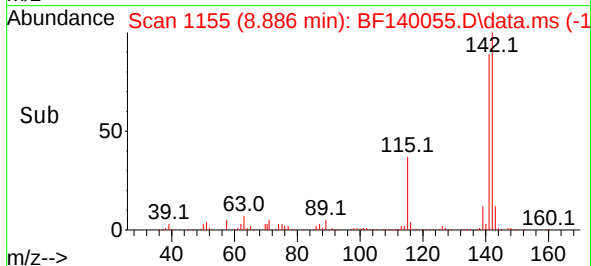
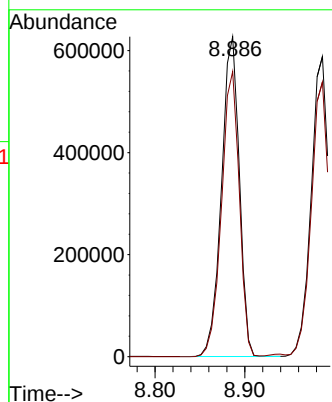
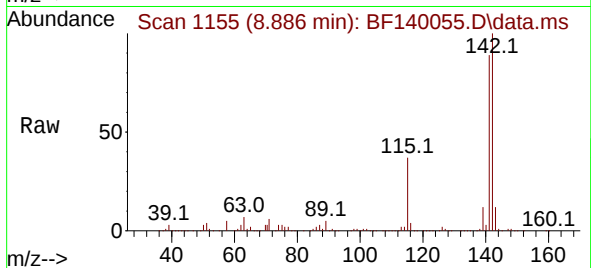
BP-F22MSD

Tgt Ion:142 Resp: 864302
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2

Manual Integrations

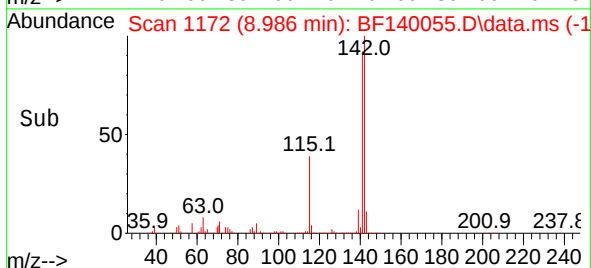
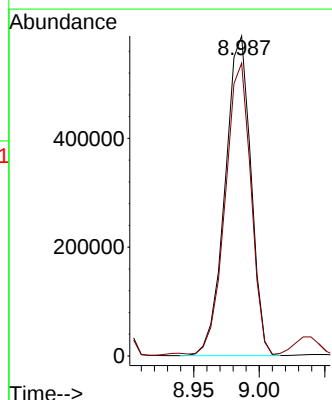
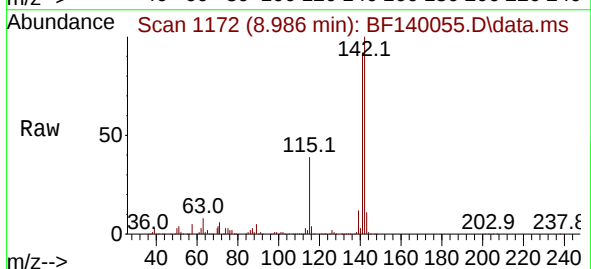
APPROVED

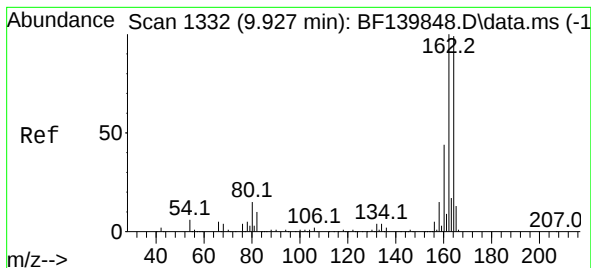
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#38
1-Methylnaphthalene
Concen: 41.178 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:142 Resp: 804453
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 140055

Delta R.T. 0.001 min

Lab File: BF140055.D

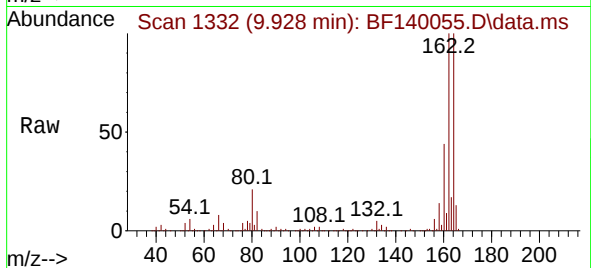
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



Tgt Ion:164 Resp: 353930

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

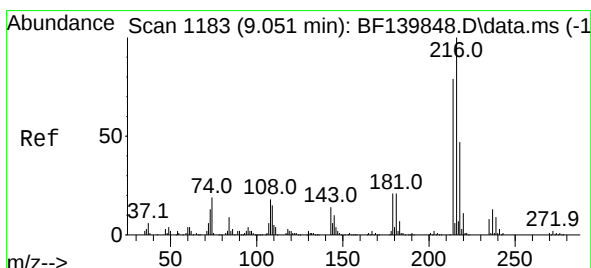
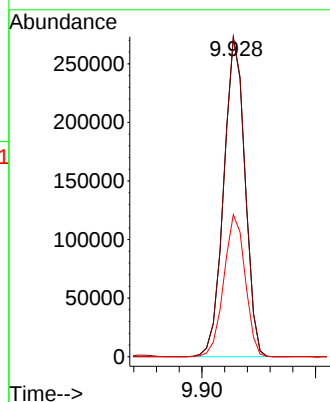
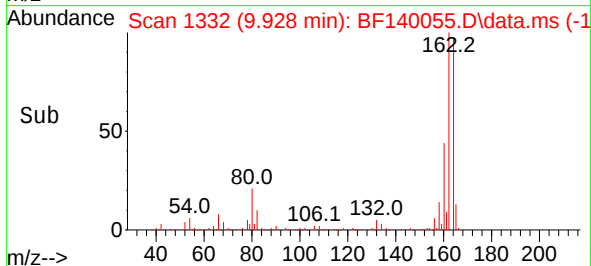
160 44.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.152 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion:216 Resp: 412044

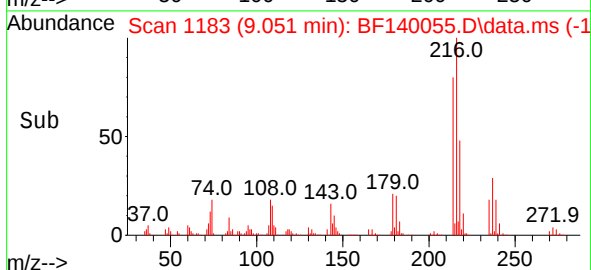
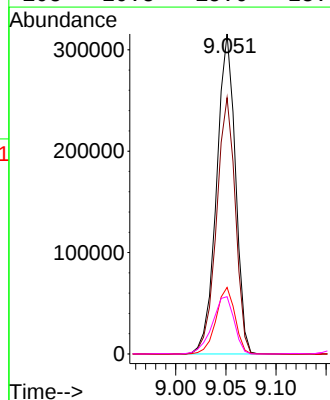
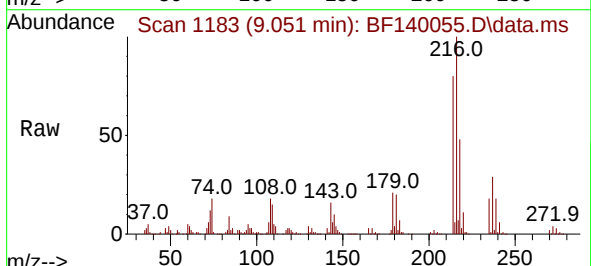
Ion Ratio Lower Upper

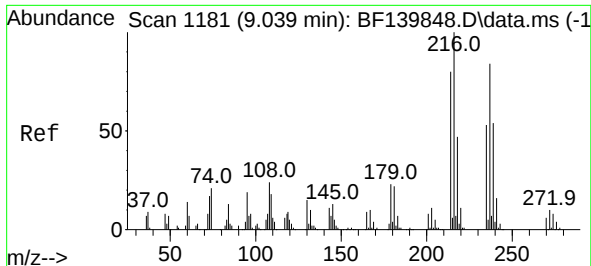
216 100

214 79.9 63.4 95.0

179 20.9 17.2 25.8

108 20.8 15.6 23.4





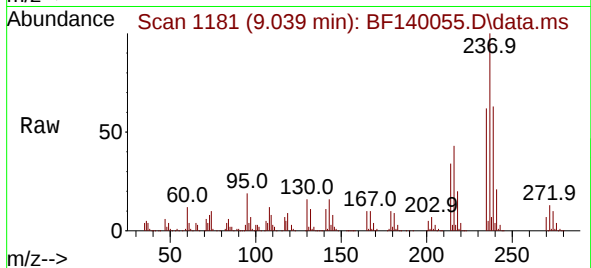
#41
Hexachlorocyclopentadiene
Concen: 136.490 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

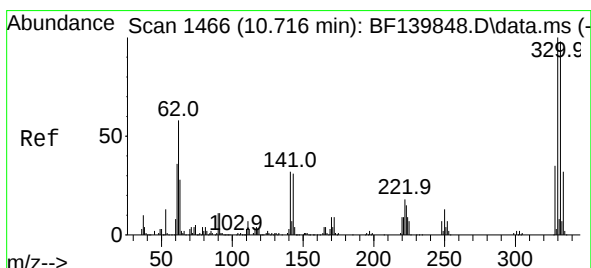
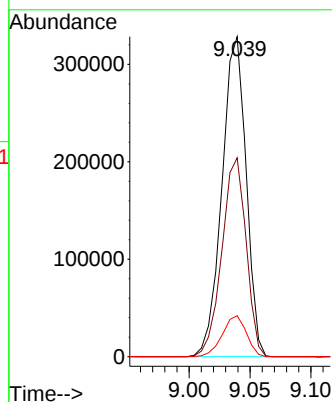
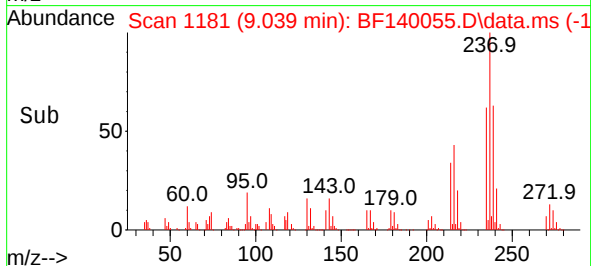


Tgt Ion:237 Resp: 453489
Ion Ratio Lower Upper
237 100
235 62.2 42.9 82.9
272 12.8 0.0 32.3

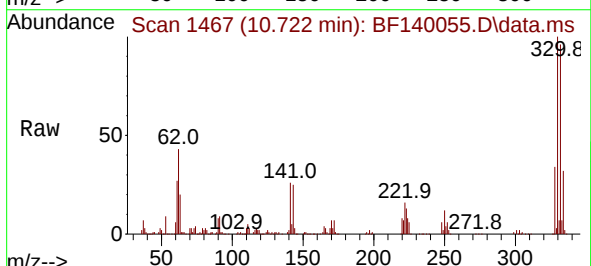
Manual Integrations

APPROVED

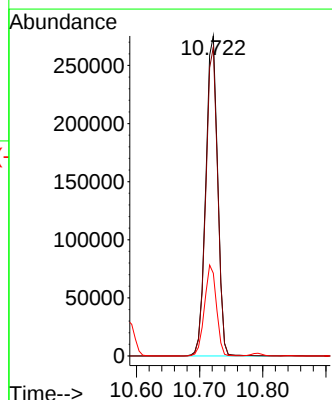
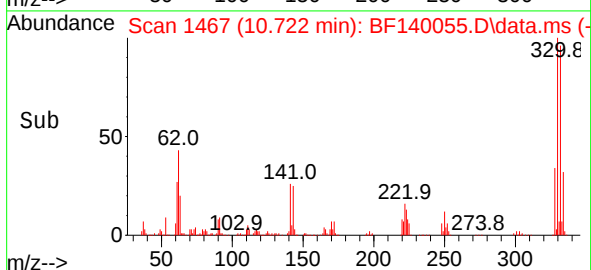
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

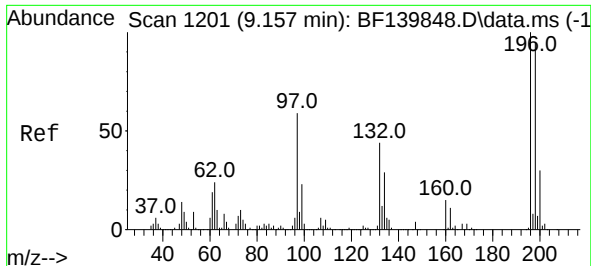


#42
2,4,6-Tribromophenol
Concen: 108.673 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:330 Resp: 359775
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 28.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 45.832 ng

RT: 9.163 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:196 Resp: 30984

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

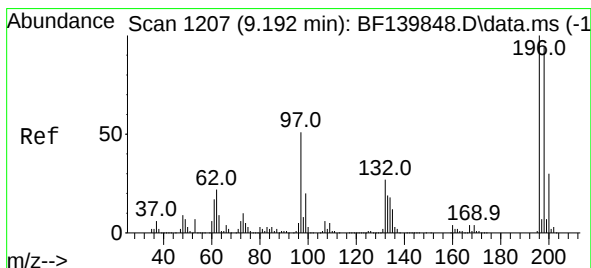
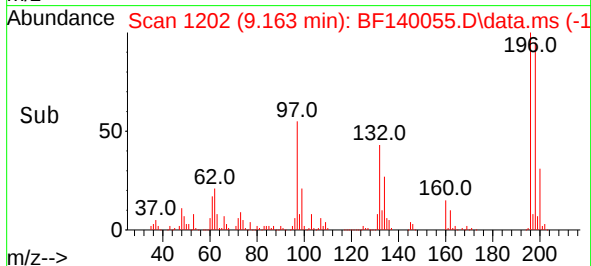
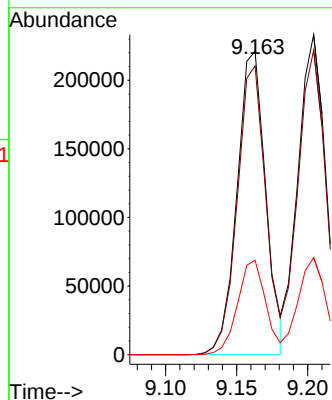
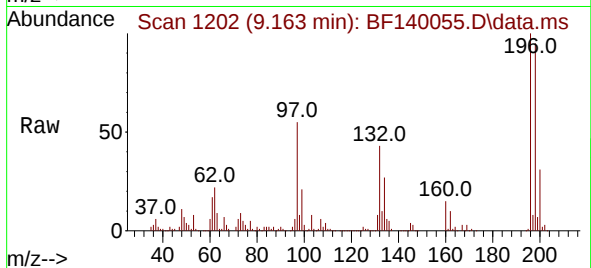
200 31.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#44

2,4,5-Trichlorophenol

Concen: 45.139 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion:196 Resp: 314835

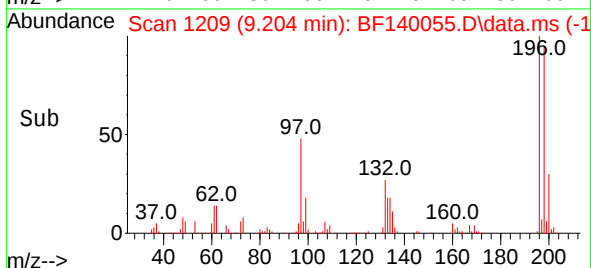
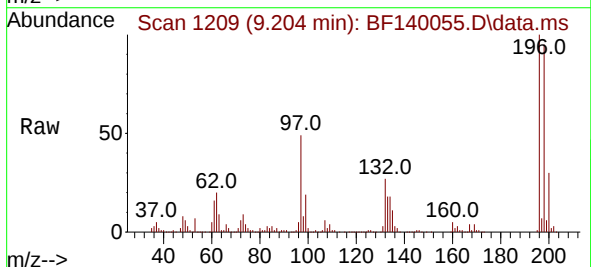
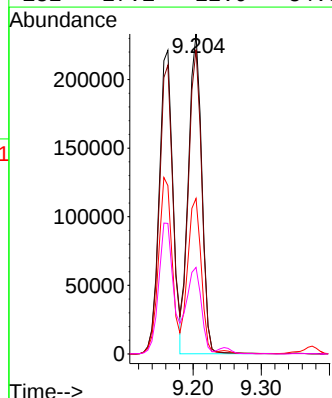
Ion Ratio Lower Upper

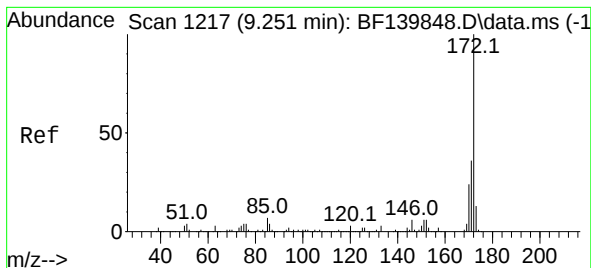
196 100

198 95.1 75.8 113.6

97 48.6 41.8 62.6

132 27.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 62.024 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:172 Resp: 132828

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

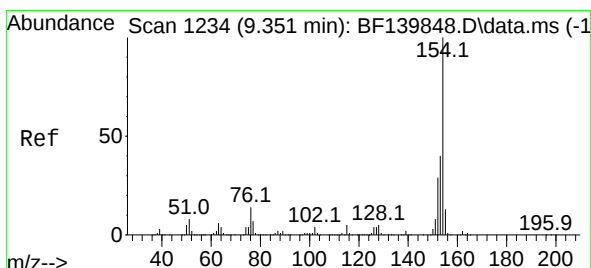
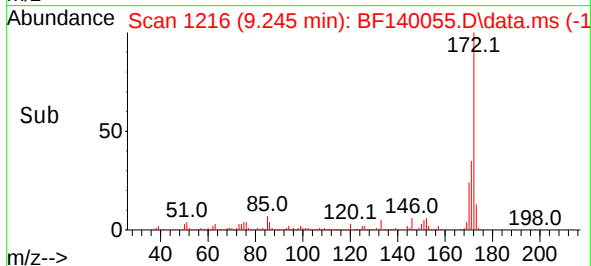
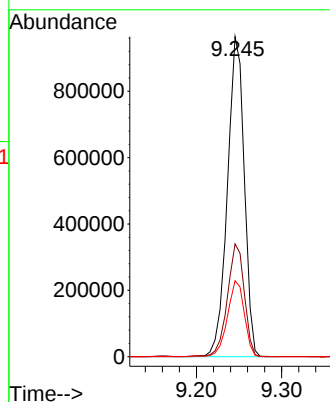
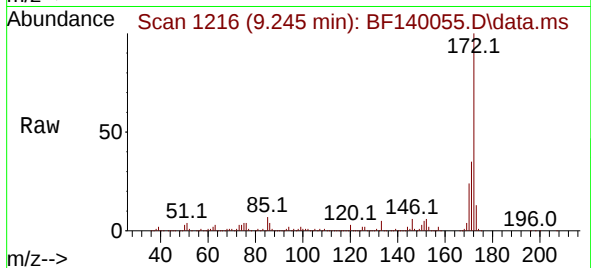
170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#46

1,1'-Biphenyl

Concen: 42.574 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

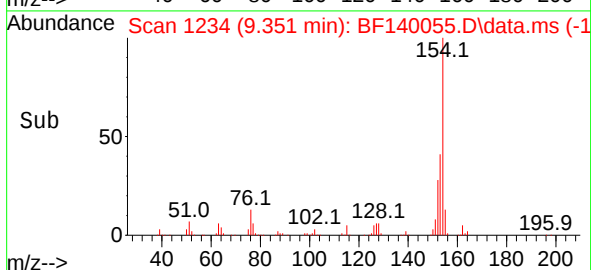
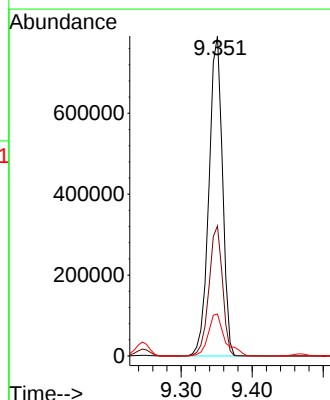
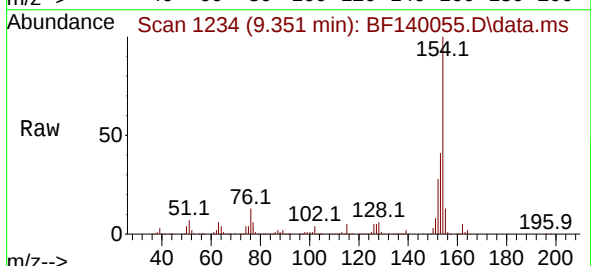
Tgt Ion:154 Resp: 1048992

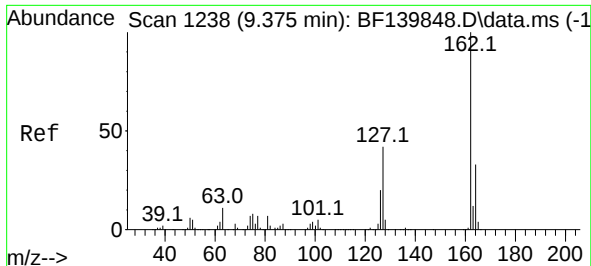
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.1 0.0 33.9





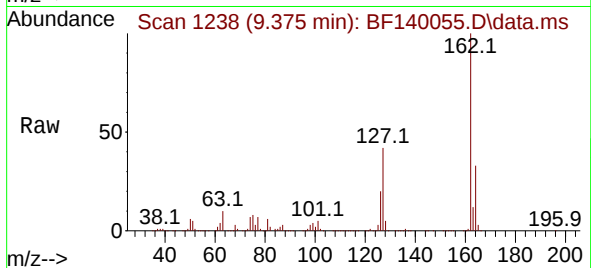
#47
2-Chloronaphthalene
Concen: 42.450 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

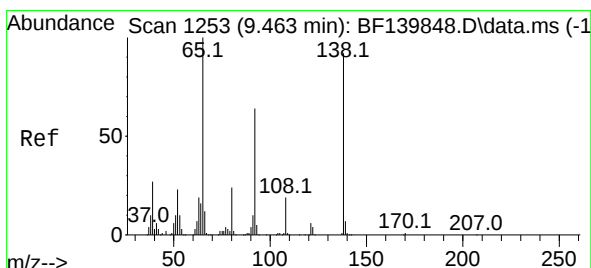
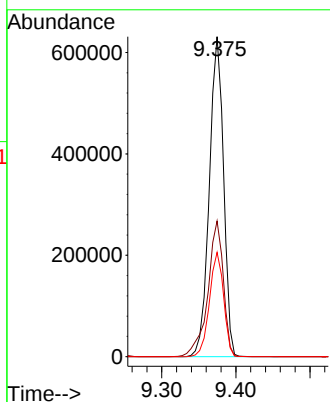
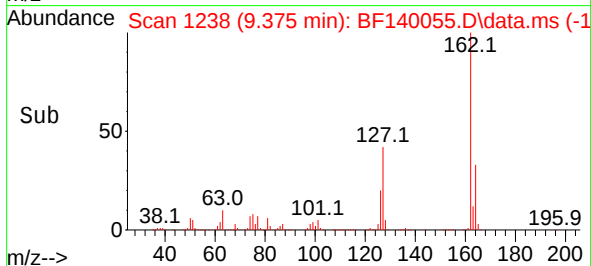


Tgt Ion:162 Resp: 842414
Ion Ratio Lower Upper
162 100
127 42.4 33.8 50.6
164 32.6 26.6 39.8

Manual Integrations

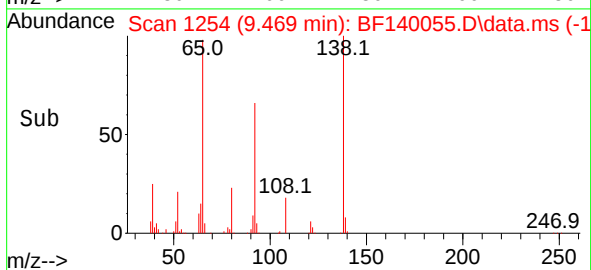
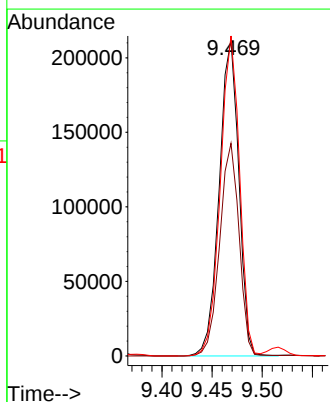
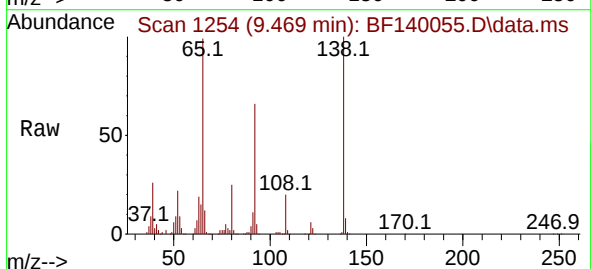
APPROVED

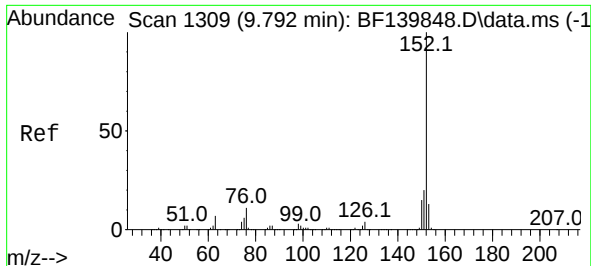
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#48
2-Nitroaniline
Concen: 47.325 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion: 65 Resp: 287236
Ion Ratio Lower Upper
65 100
92 67.3 50.9 76.3
138 101.2 73.4 110.0





#49

Acenaphthylene

Concen: 45.232 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF140055.D

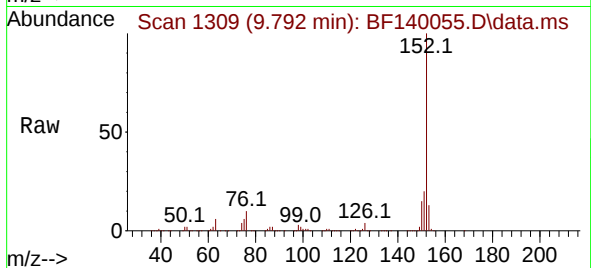
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



Tgt Ion:152 Resp: 129769

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

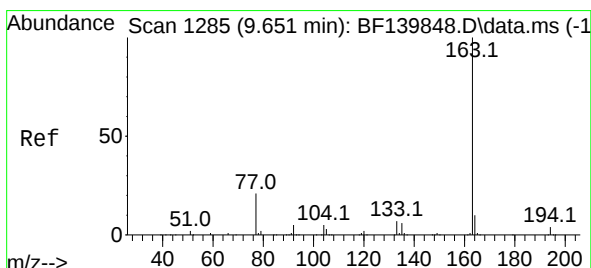
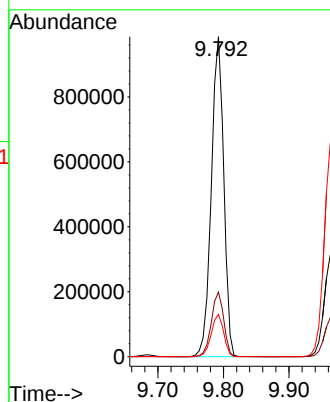
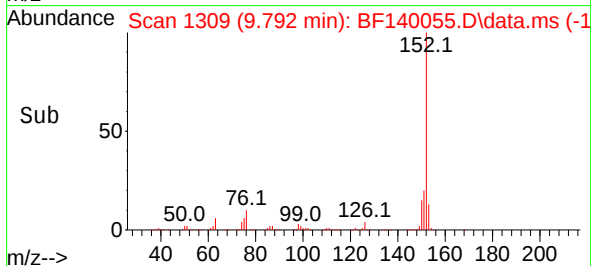
153 13.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#50

Dimethylphthalate

Concen: 45.037 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

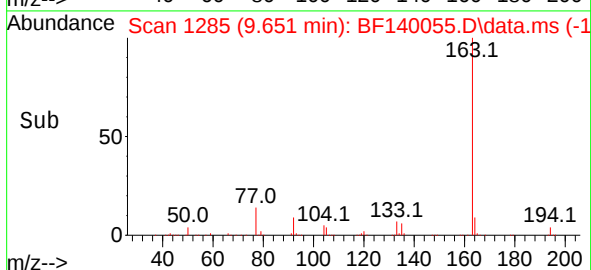
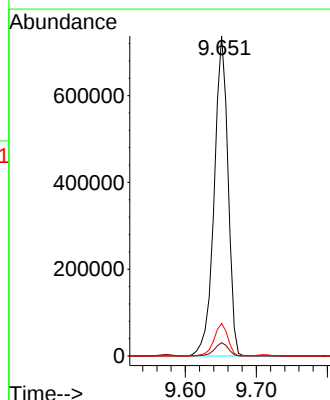
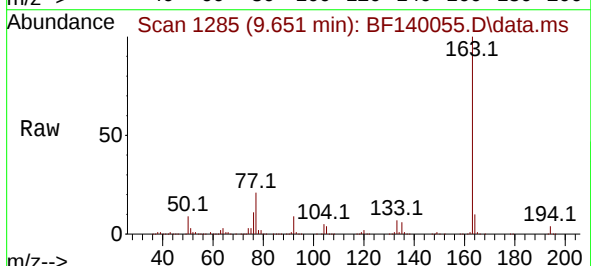
Tgt Ion:163 Resp: 992884

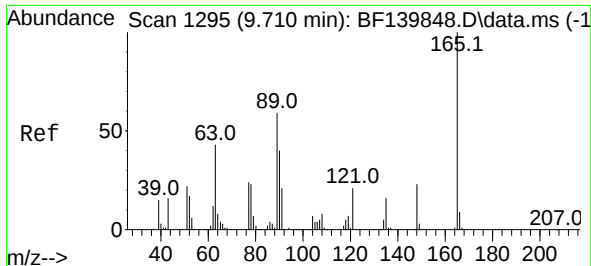
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

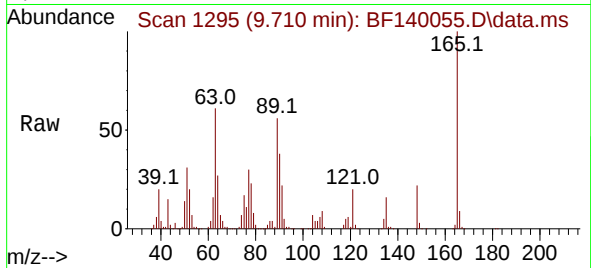
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.903 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

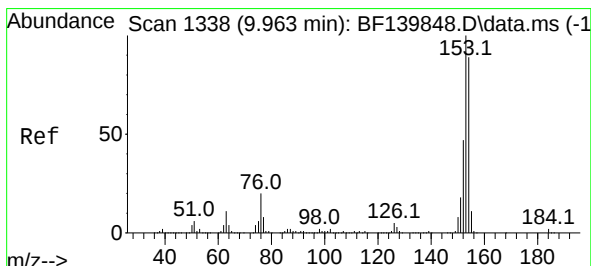
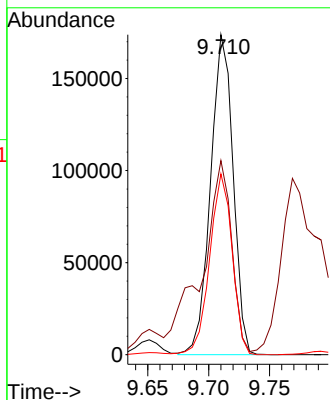
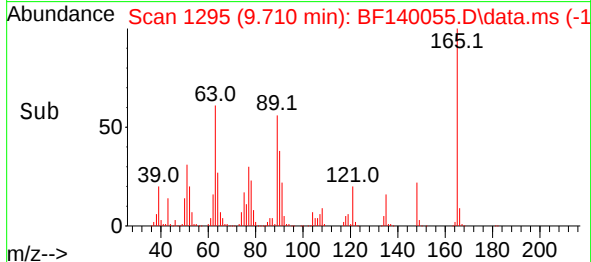
Instrument :
BNA_F
Client SampleId :
BP-F22MSD



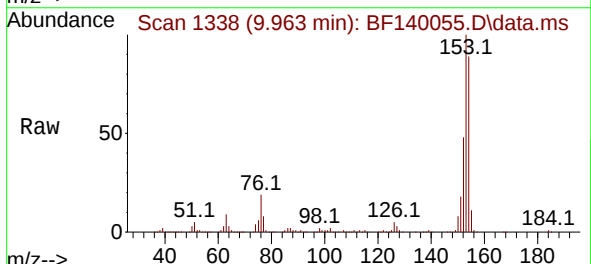
Tgt Ion:165 Resp: 22388
Ion Ratio Lower Upper
165 100
63 60.7 50.6 75.8
89 56.5 47.5 71.3

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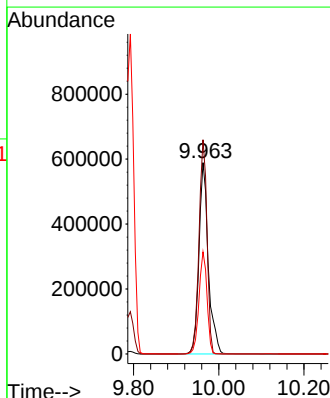
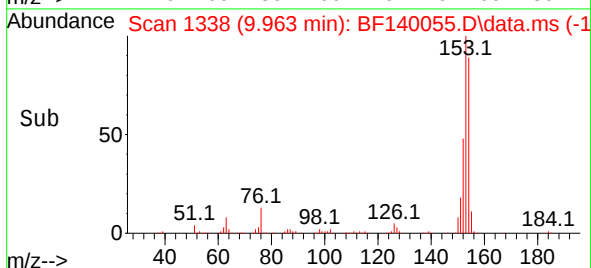
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

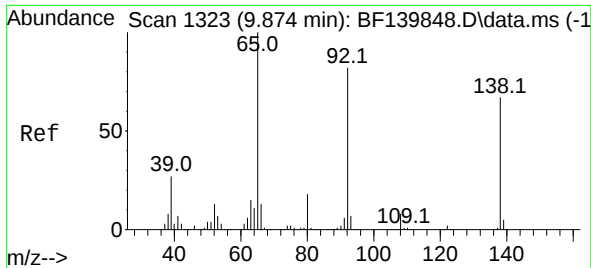


#52
Acenaphthene
Concen: 48.429 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



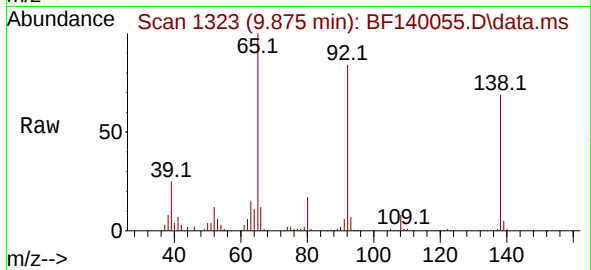
Tgt Ion:154 Resp: 898799
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.6
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 20.528 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

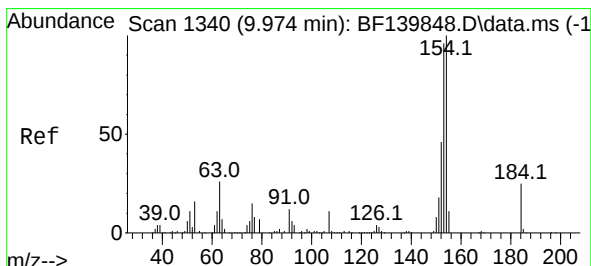
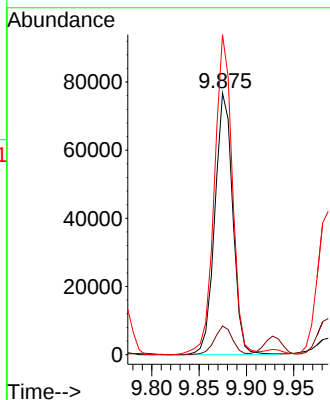
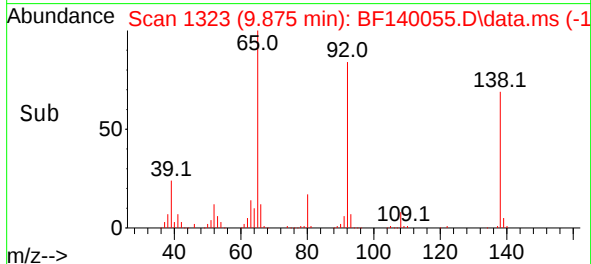
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



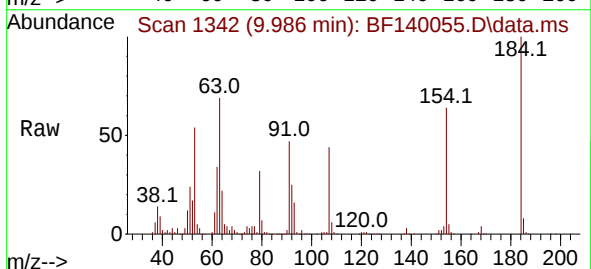
Tgt Ion:138 Resp: 10105
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.2
92 122.3 98.3 147.5

Manual Integrations
APPROVED

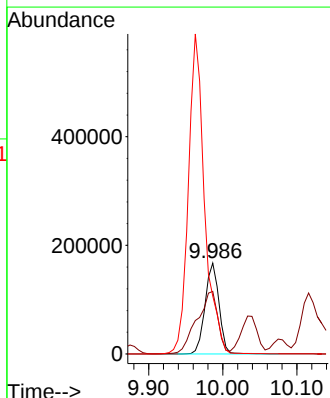
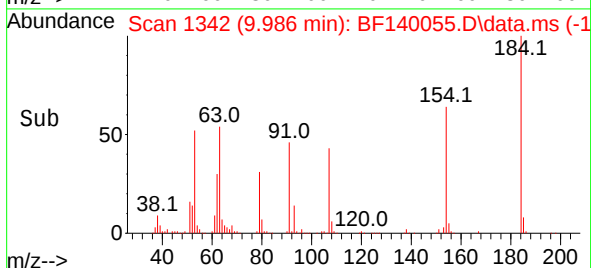
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

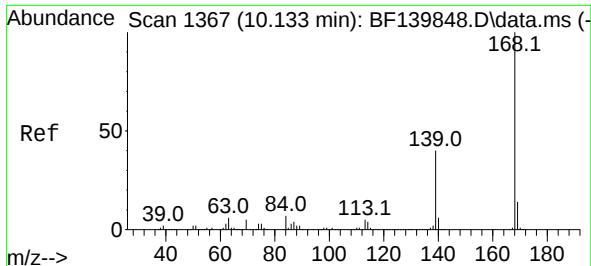


#54
2,4-Dinitrophenol
Concen: 107.953 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:184 Resp: 219022
Ion Ratio Lower Upper
184 100
63 68.9 84.7 127.1#
154 63.8 338.2 507.2#





#55

Dibenzenofuran

Concen: 42.778 ng

RT: 10.133 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:168 Resp: 113909

Ion Ratio Lower Upper

168 100

139 40.0 31.8 47.6

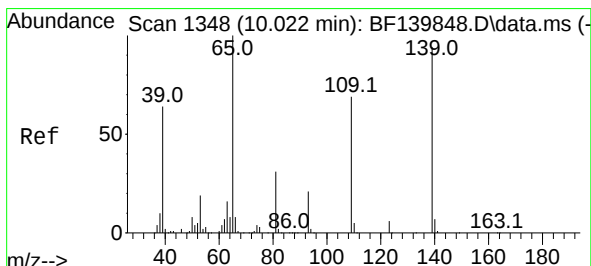
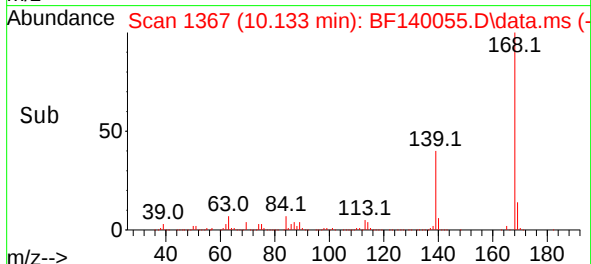
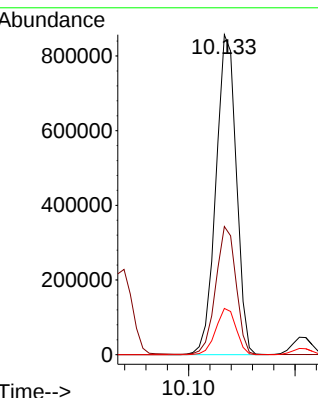
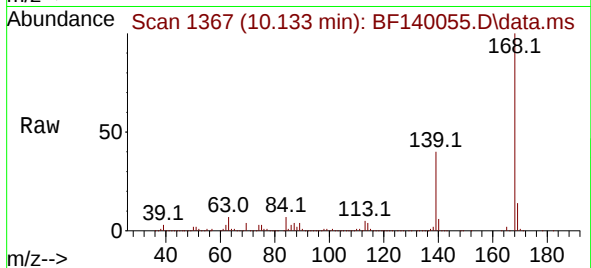
169 14.4 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#56

4-Nitrophenol

Concen: 91.150 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

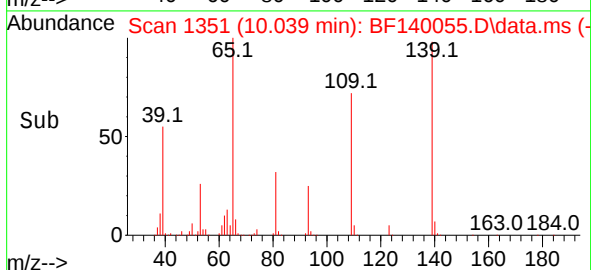
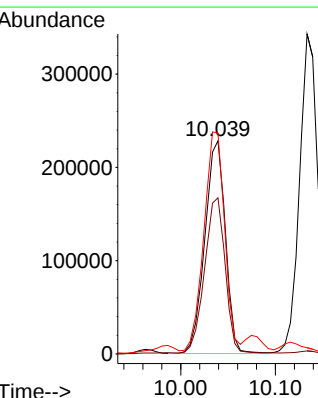
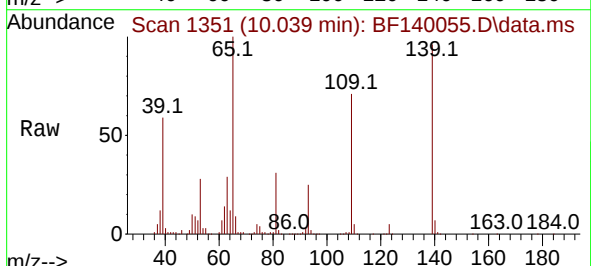
Tgt Ion:139 Resp: 345200

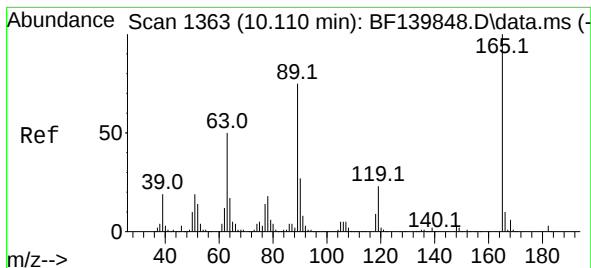
Ion Ratio Lower Upper

139 100

109 73.3 53.6 93.6

65 103.6 87.8 127.8





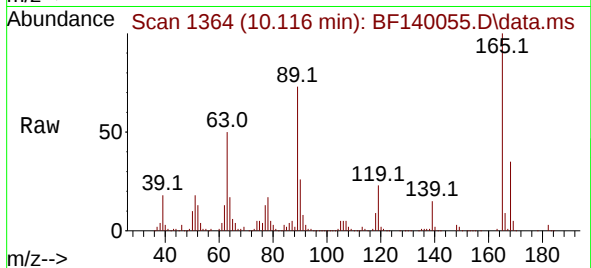
#57
2,4-Dinitrotoluene
Concen: 50.568 ng
RT: 10.116 min Scan# 14055
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

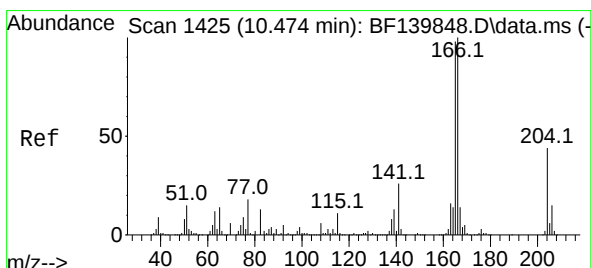
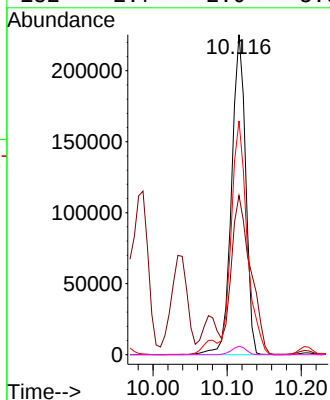
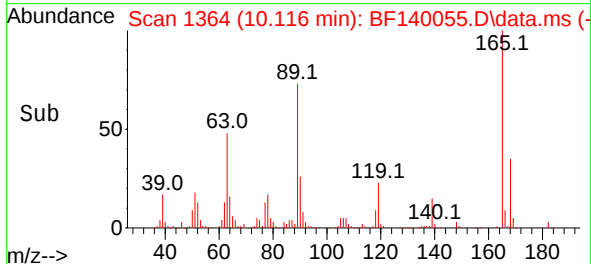


Tgt Ion:165 Resp: 296834
Ion Ratio Lower Upper
165 100
63 49.8 40.1 60.1
89 73.1 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

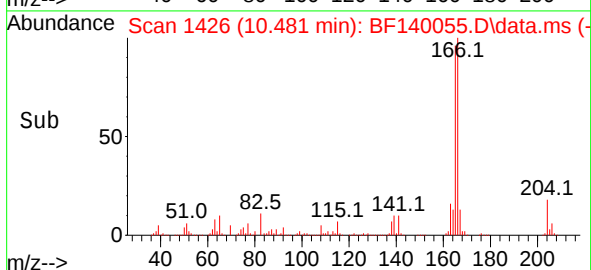
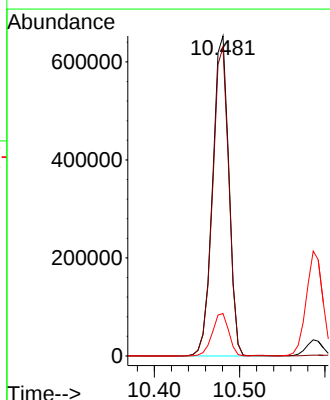
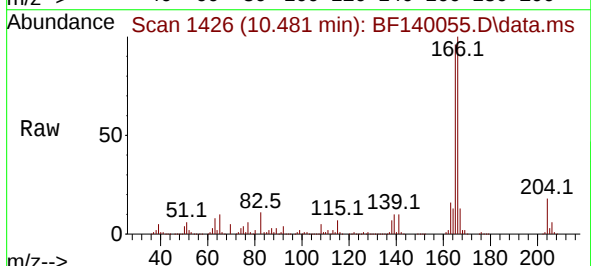
APPROVED

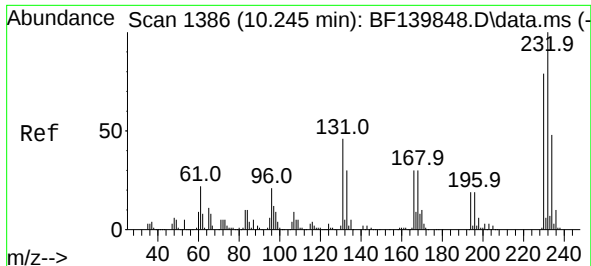
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#58
Fluorene
Concen: 42.672 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

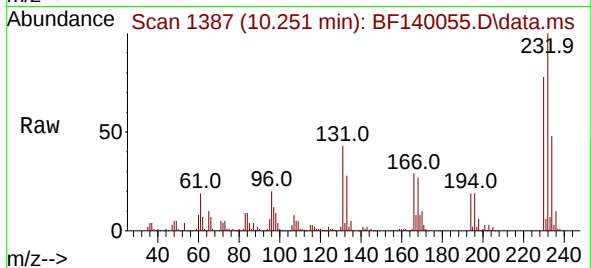
Tgt Ion:166 Resp: 865438
Ion Ratio Lower Upper
166 100
165 96.5 78.5 117.7
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.478 ng
RT: 10.251 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

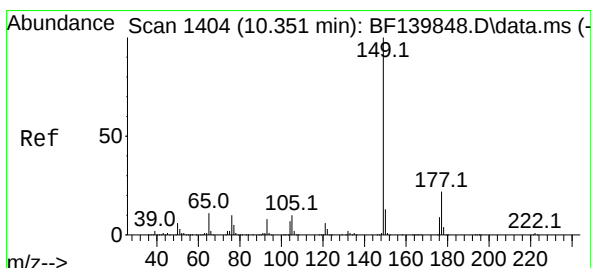
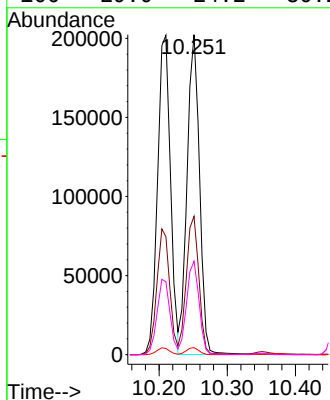
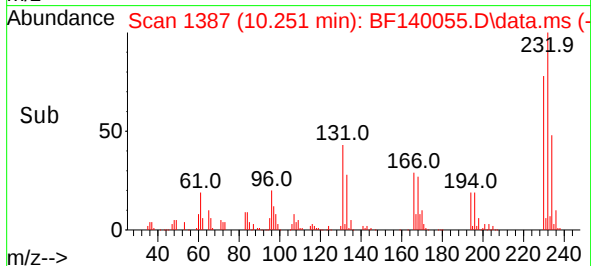
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:232 Resp: 254129
Ion Ratio Lower Upper
232 100
131 43.8 37.0 55.6
130 2.2 1.9 2.9
166 29.0 24.2 36.2

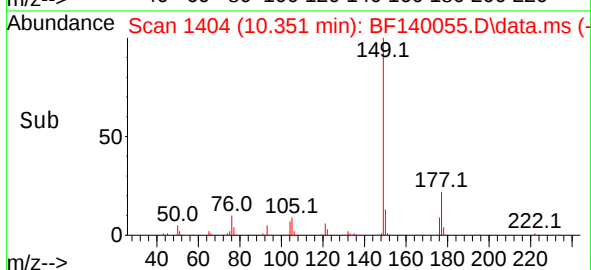
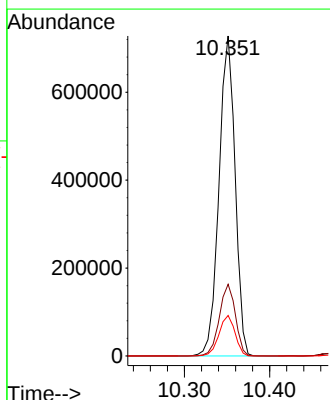
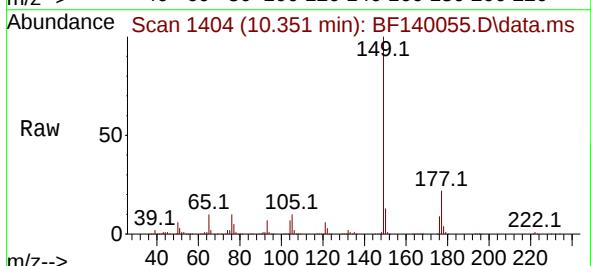
Manual Integrations
APPROVED

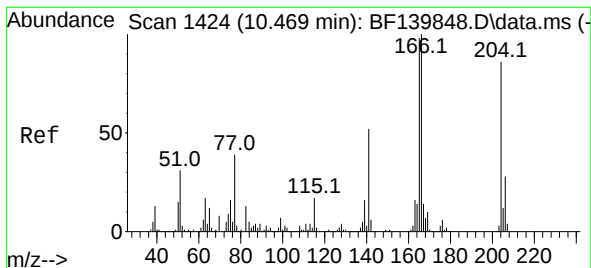
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#60
Diethylphthalate
Concen: 44.142 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

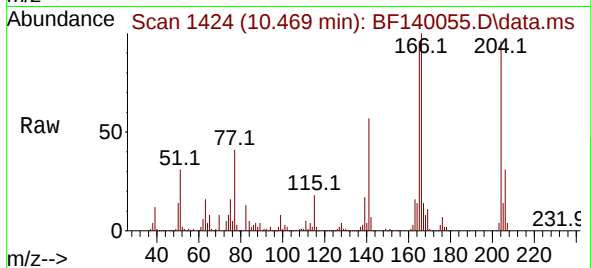
Tgt Ion:149 Resp: 955489
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.120 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

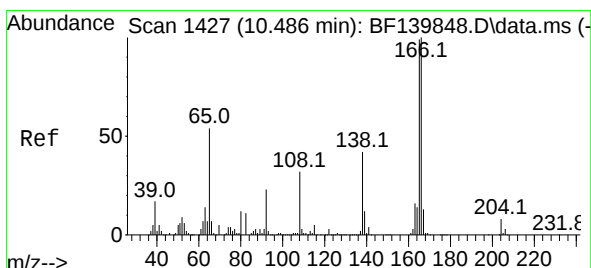
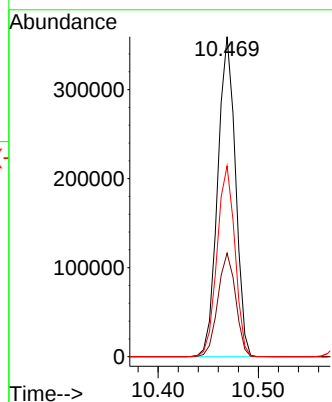
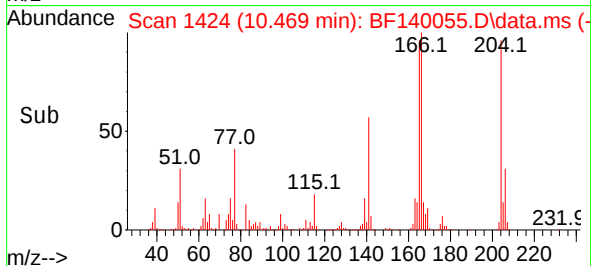
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



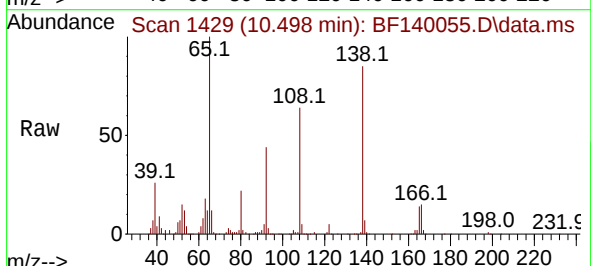
Tgt Ion:204 Resp: 441630
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.6 48.6 73.0

Manual Integrations
APPROVED

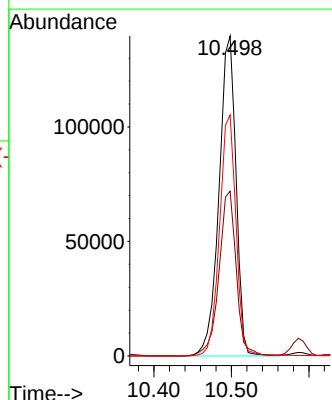
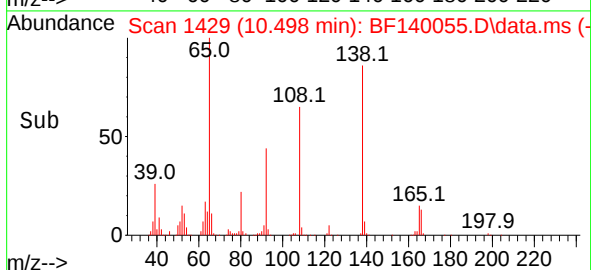
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

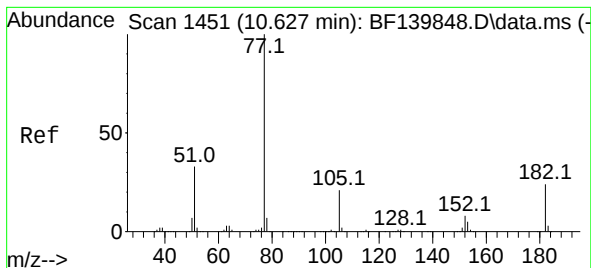


#62
4-Nitroaniline
Concen: 45.752 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:138 Resp: 212705
Ion Ratio Lower Upper
138 100
92 51.5 35.7 75.7
108 75.3 57.5 97.5





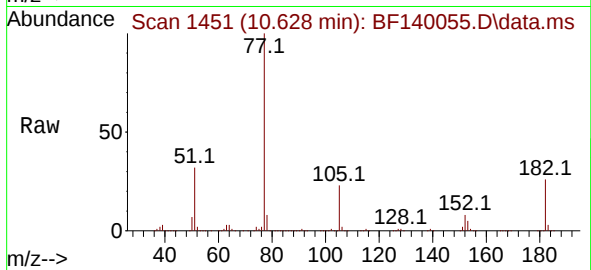
#63
Azobenzene
Concen: 45.153 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

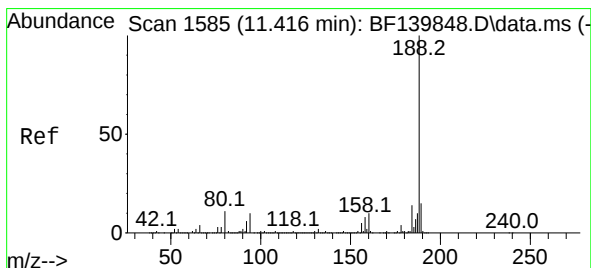
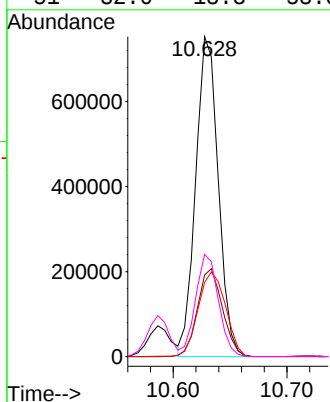
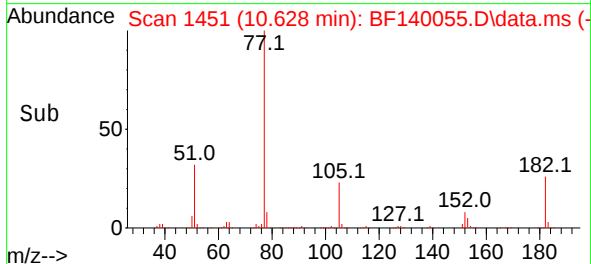


Tgt Ion: 77 Resp: 1036180
Ion Ratio Lower Upper
77 100
182 25.5 3.3 43.3
105 23.2 1.2 41.2
51 32.0 13.3 53.3

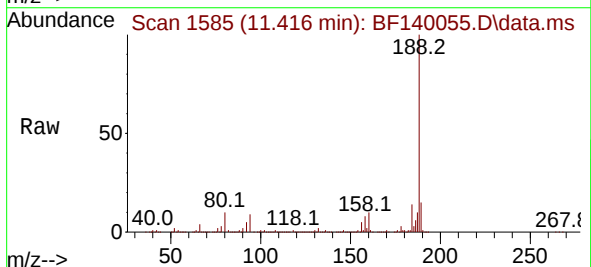
Manual Integrations

APPROVED

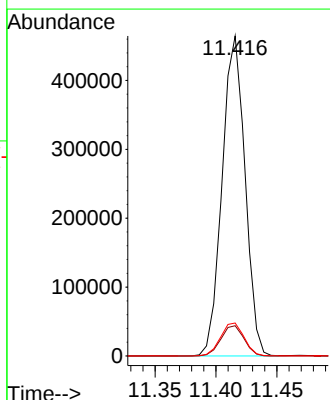
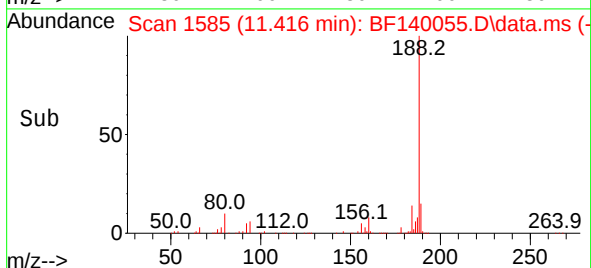
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

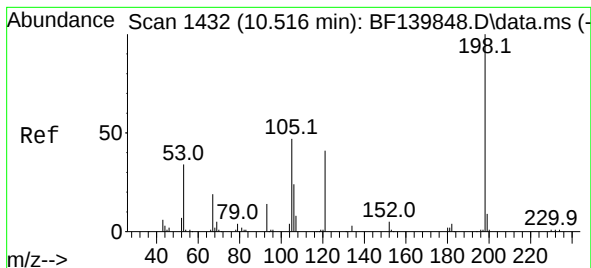


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



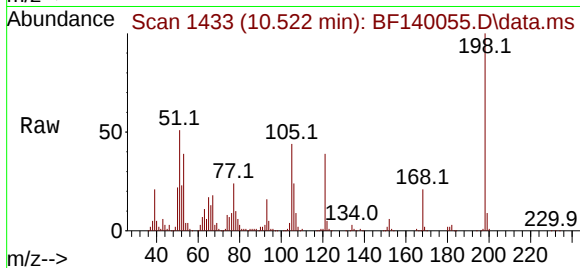
Tgt Ion:188 Resp: 608132
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 63.191 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

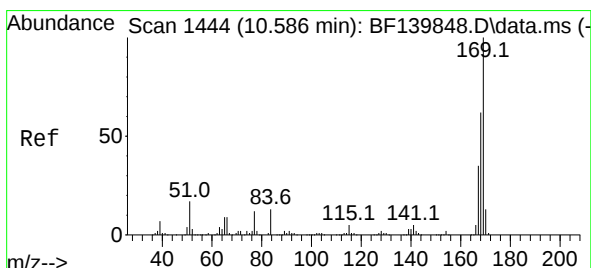
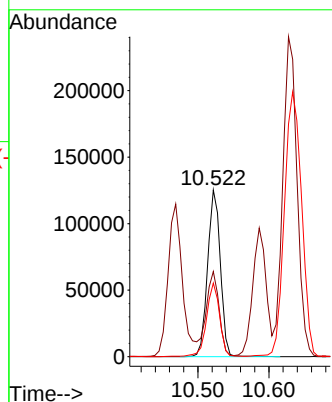
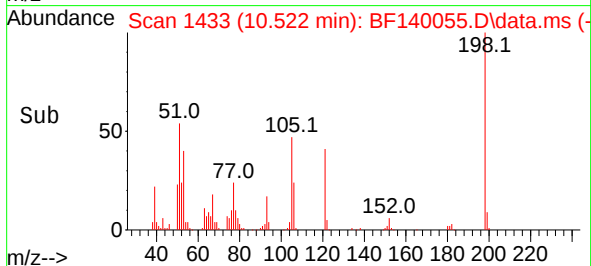
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:198 Resp: 156748
Ion Ratio Lower Upper
198 100
51 51.1 38.2 78.2
105 44.1 27.9 67.9

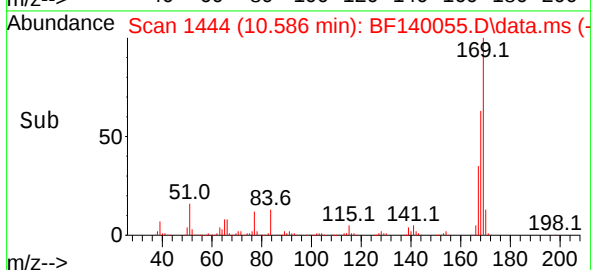
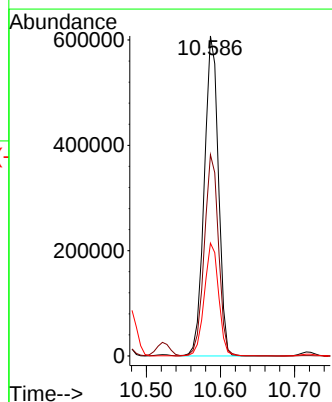
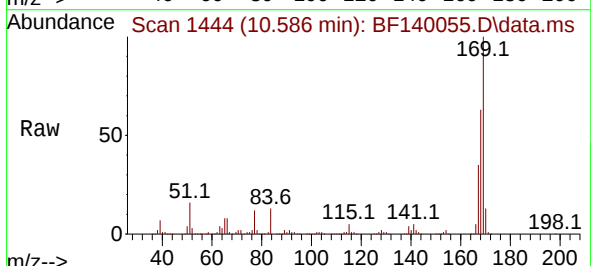
Manual Integrations
APPROVED

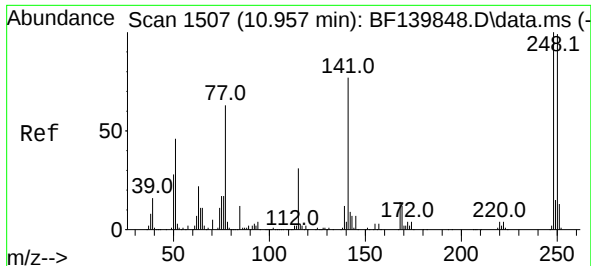
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#66
n-Nitrosodiphenylamine
Concen: 44.263 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

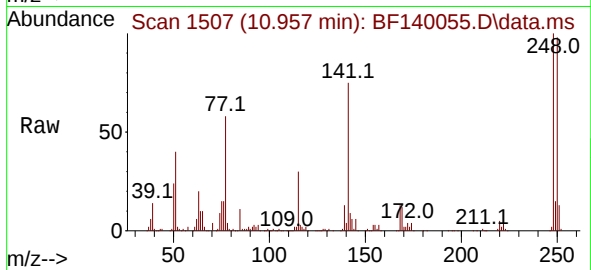
Tgt Ion:169 Resp: 805647
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 35.2 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 45.717 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

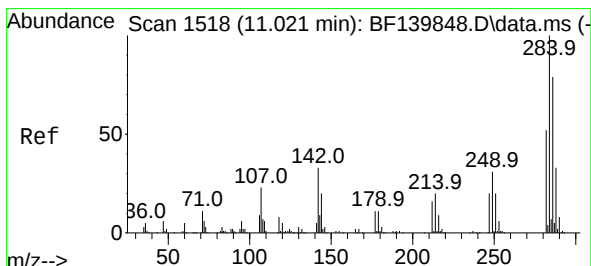
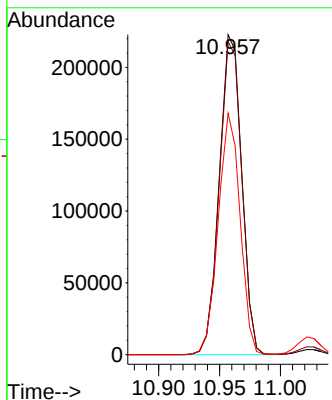
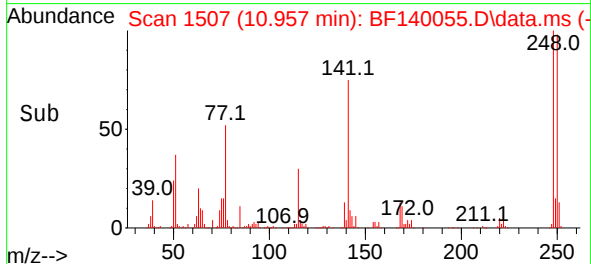
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:248 Resp: 286410
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 75.5 61.7 92.5

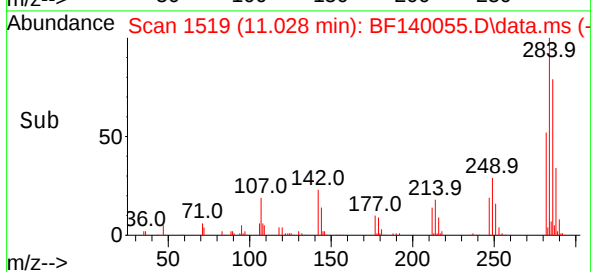
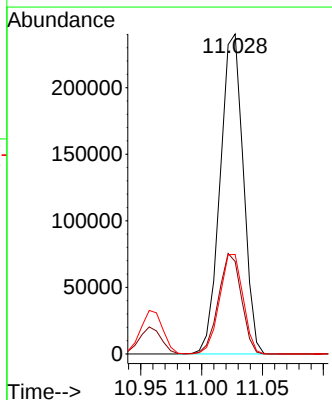
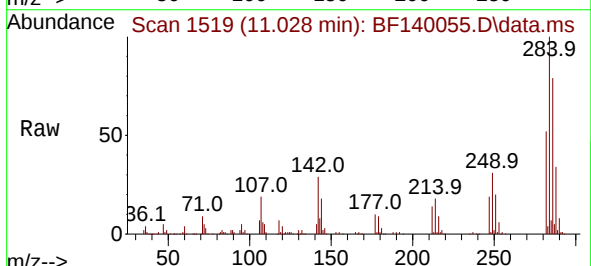
Manual Integrations
APPROVED

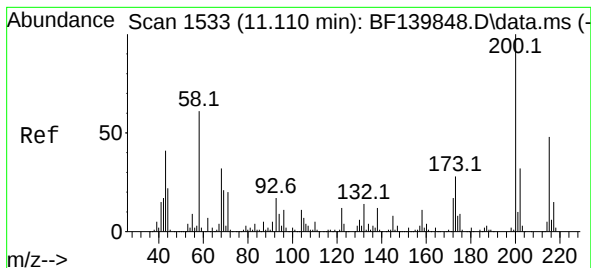
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#68
Hexachlorobenzene
Concen: 45.112 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:284 Resp: 317854
Ion Ratio Lower Upper
284 100
142 28.9 26.9 40.3
249 31.1 25.3 37.9





#69

Atrazine

Concen: 53.703 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:200 Resp: 264780

Ion Ratio Lower Upper

200 100

173 27.3 7.7 47.7

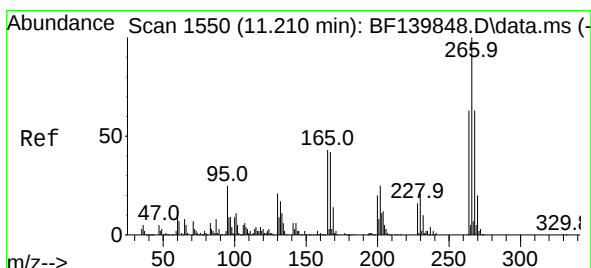
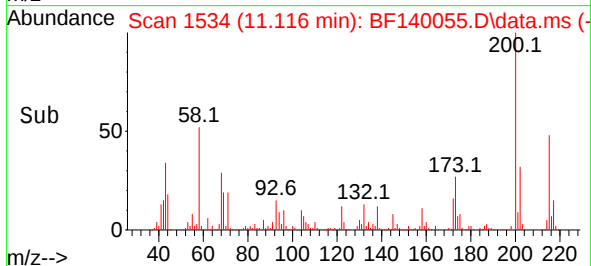
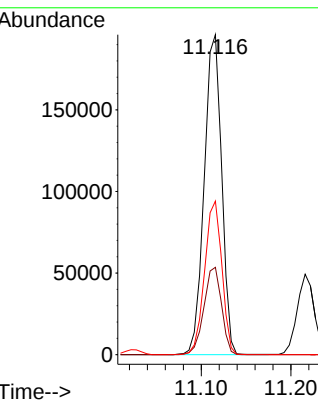
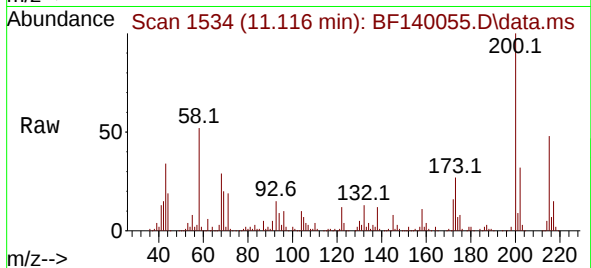
215 48.0 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#70

Pentachlorophenol

Concen: 85.371 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

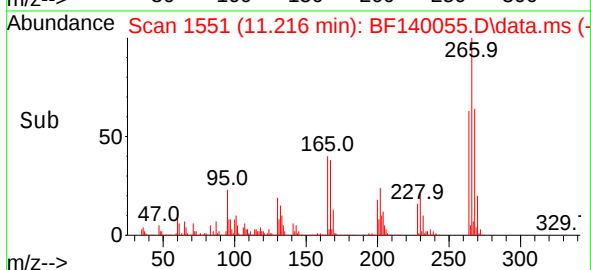
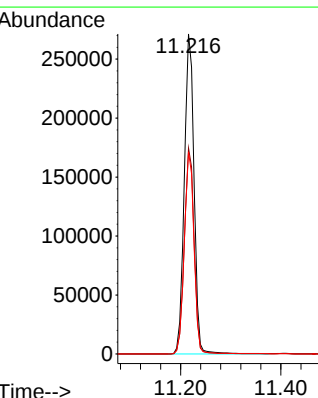
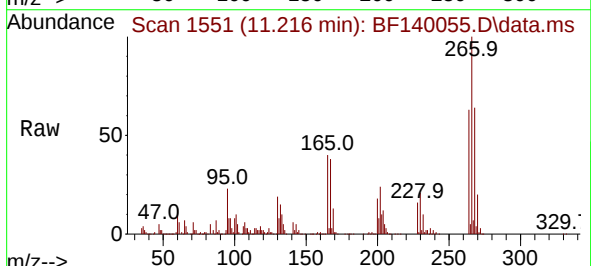
Tgt Ion:266 Resp: 365065

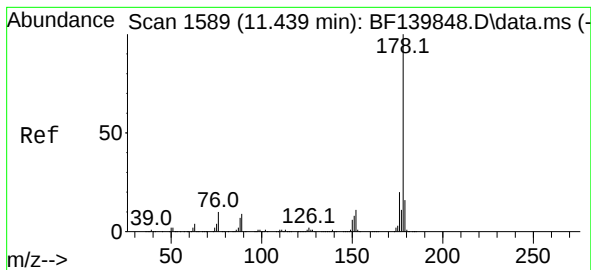
Ion Ratio Lower Upper

266 100

268 64.4 50.4 75.6

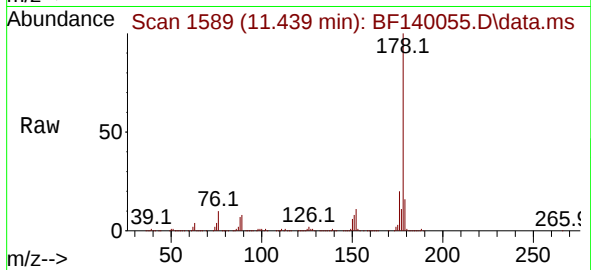
264 63.2 50.6 75.8





#71
Phenanthrene
Concen: 43.440 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

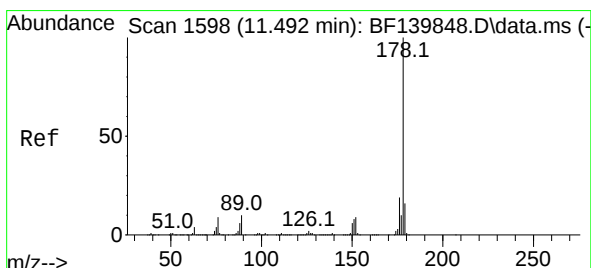
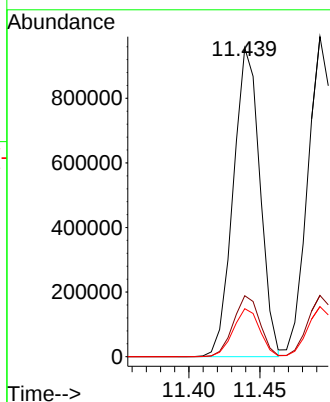
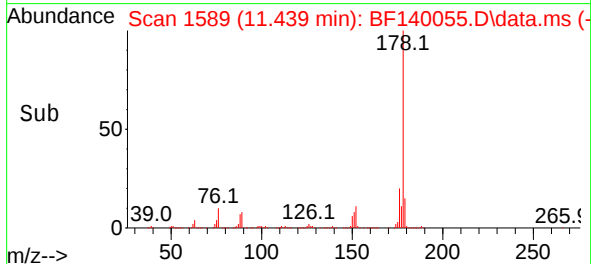
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:178 Resp: 124785
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.6 18.8

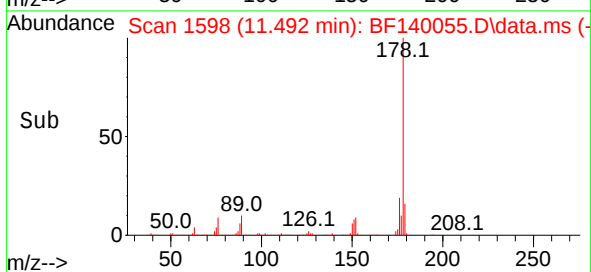
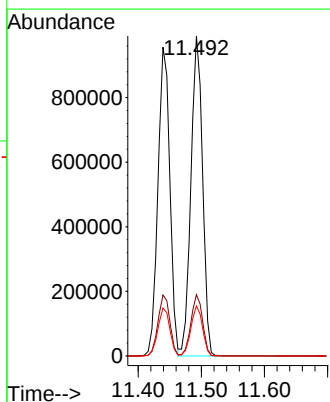
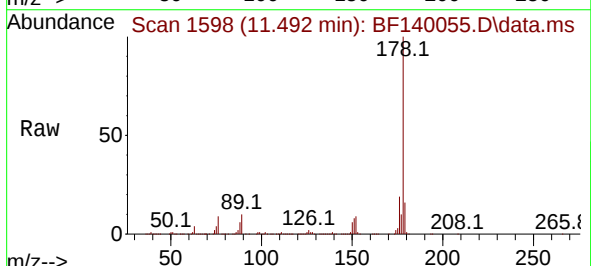
Manual Integrations
APPROVED

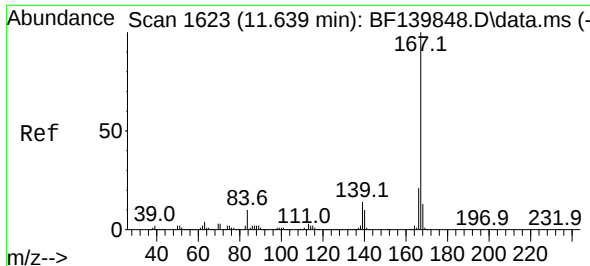
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#72
Anthracene
Concen: 45.229 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

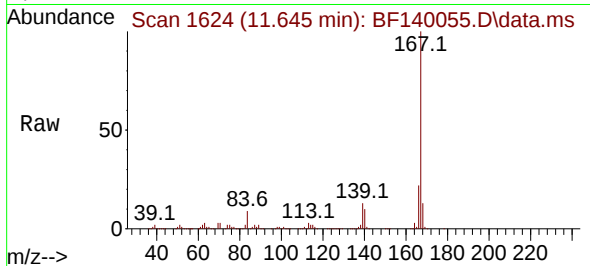
Tgt Ion:178 Resp: 1267626
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 41.557 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF140055.D
 Acq: 26 Oct 2024 13:02

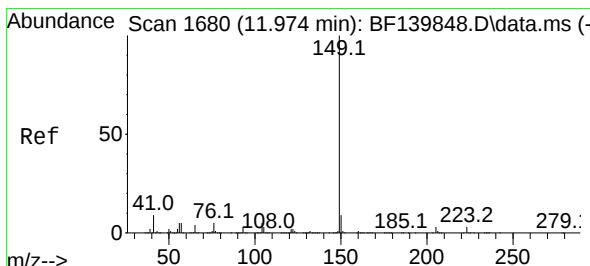
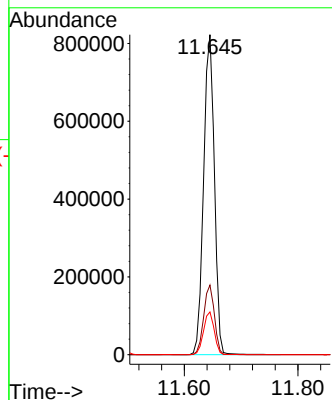
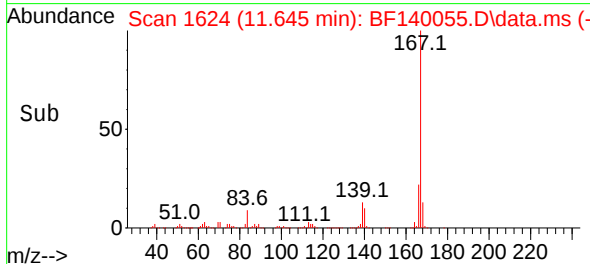
Instrument :
 BNA_F
 ClientSampleId :
 BP-F22MSD



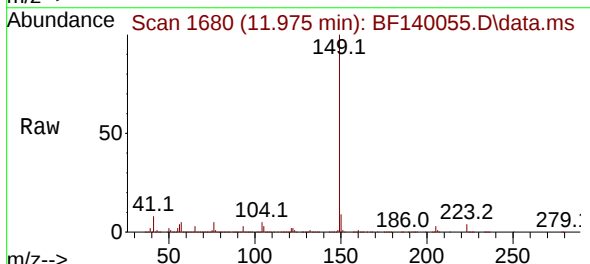
Tgt Ion:167 Resp: 1083210
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.8 16.2

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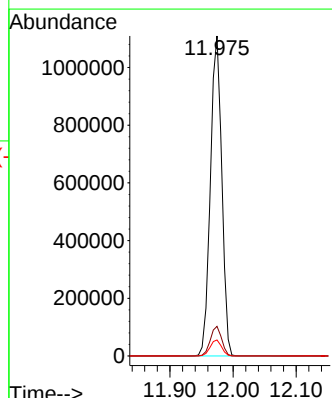
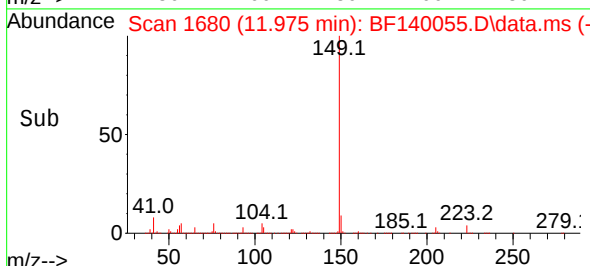
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

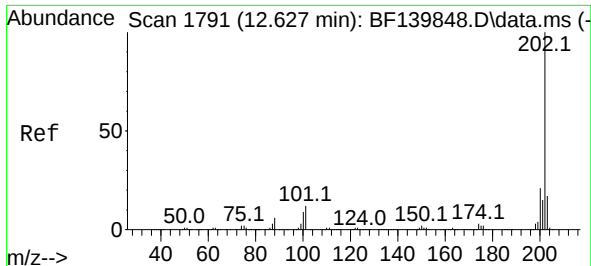


#74
 Di-n-butylphthalate
 Concen: 46.178 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140055.D
 Acq: 26 Oct 2024 13:02



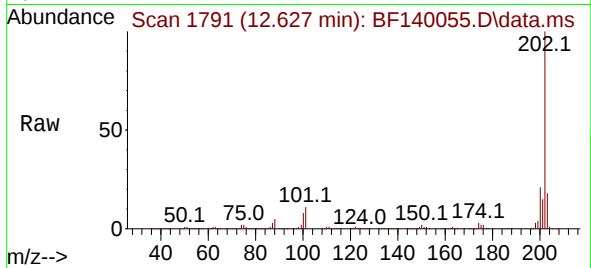
Tgt Ion:149 Resp: 1390634
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 39.976 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

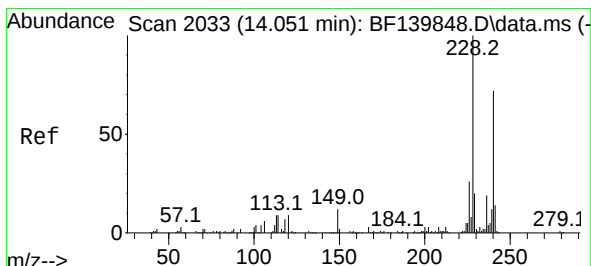
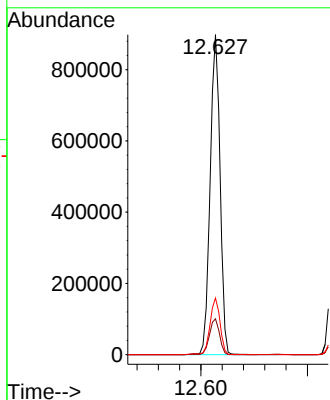
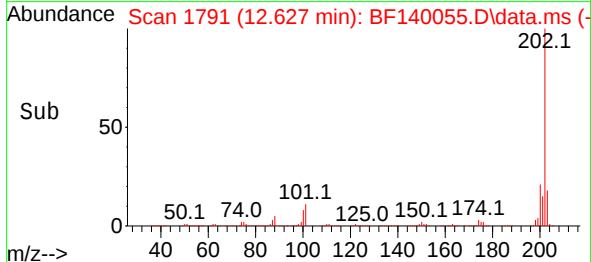
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



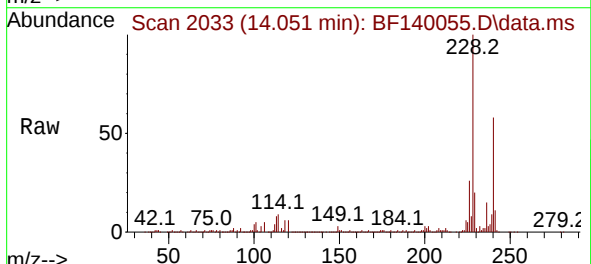
Tgt Ion:202 Resp: 116086
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

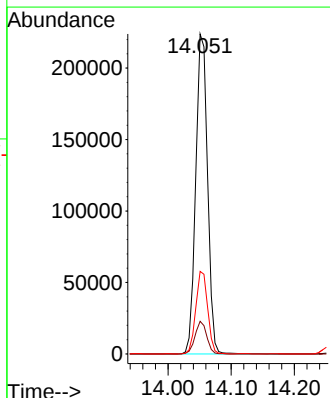
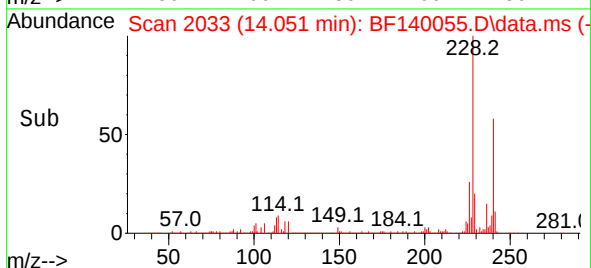
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

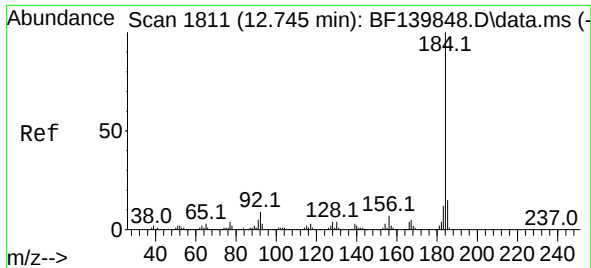


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



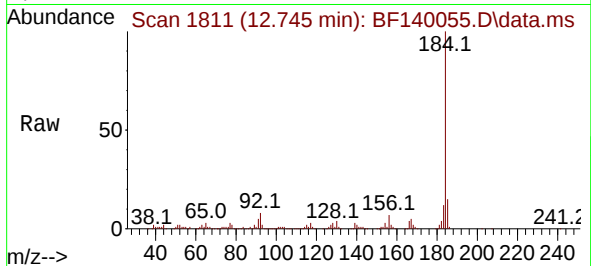
Tgt Ion:240 Resp: 290348
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 25.8 20.9 31.3





#77
Benzidine
Concen: 51.856 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

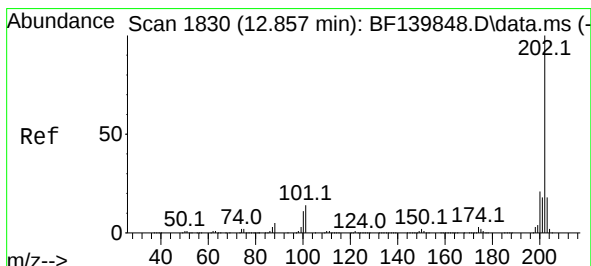
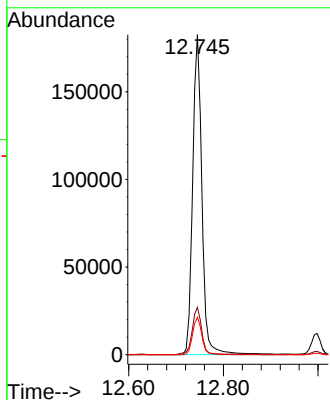
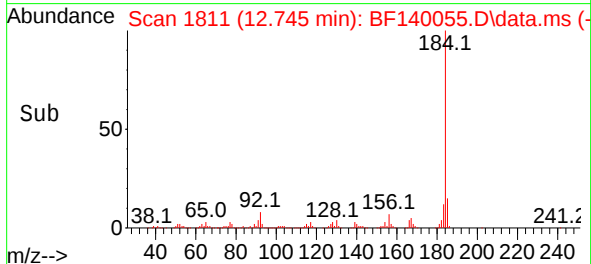
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



Tgt Ion:184 Resp: 247570
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.7 9.4 14.2

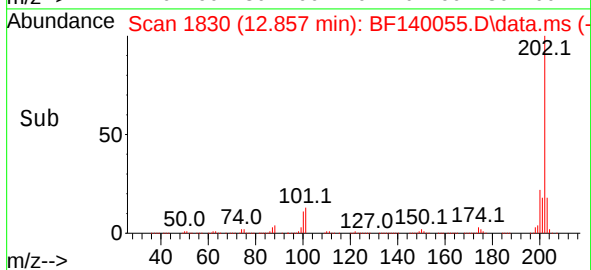
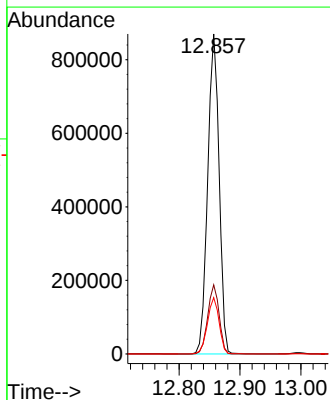
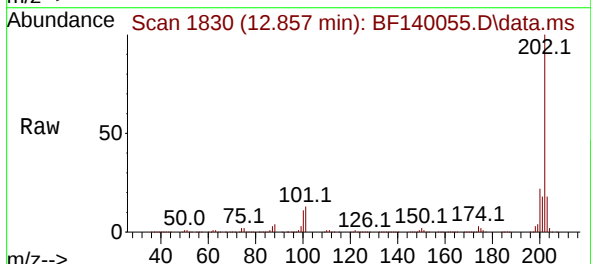
Manual Integrations
APPROVED

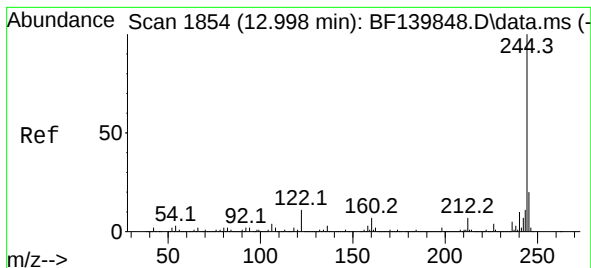
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#78
Pyrene
Concen: 44.655 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:202 Resp: 1134921
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 70.434 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140055.D

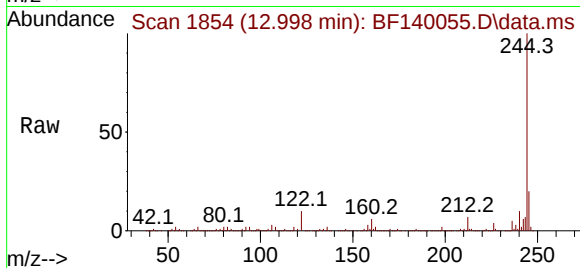
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



Tgt Ion:244 Resp: 125502

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

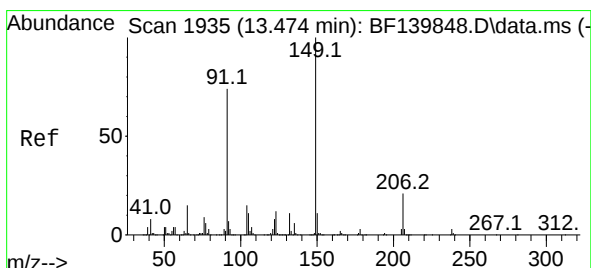
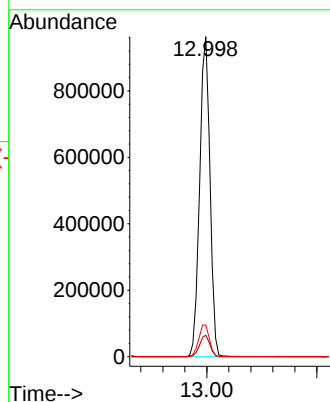
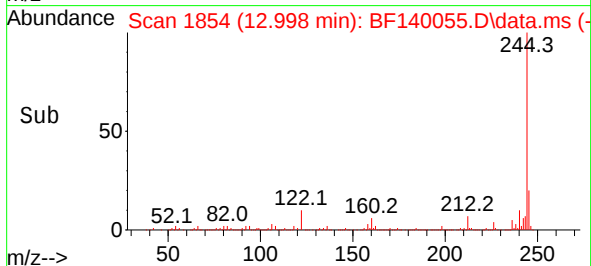
122 9.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#80

Butylbenzylphthalate

Concen: 58.847 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

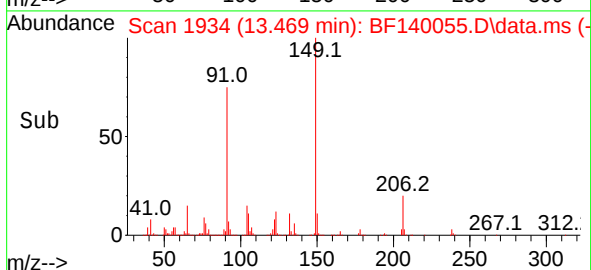
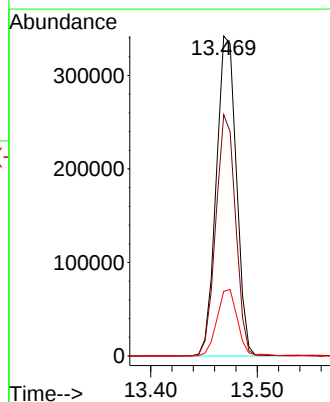
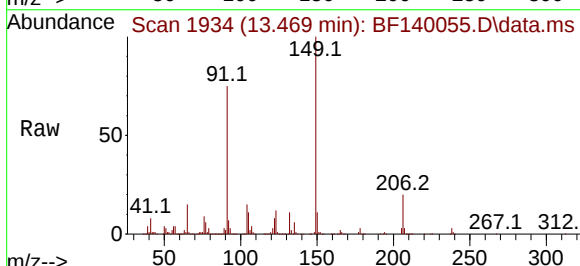
Tgt Ion:149 Resp: 448387

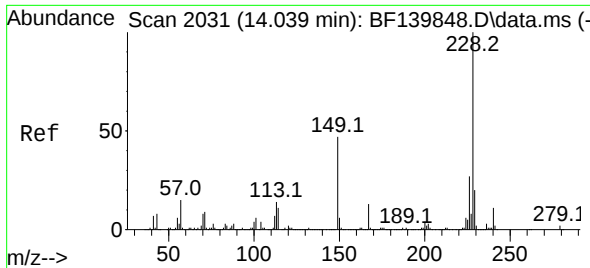
Ion Ratio Lower Upper

149 100

91 75.4 59.4 89.2

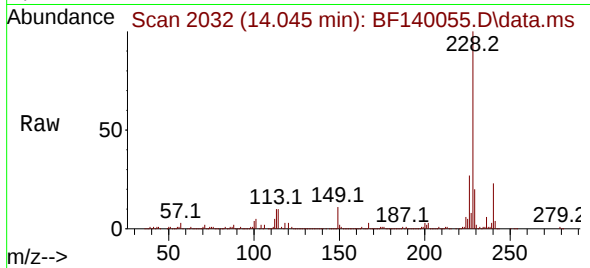
206 20.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 46.053 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

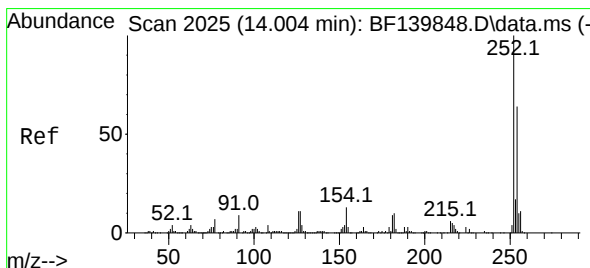
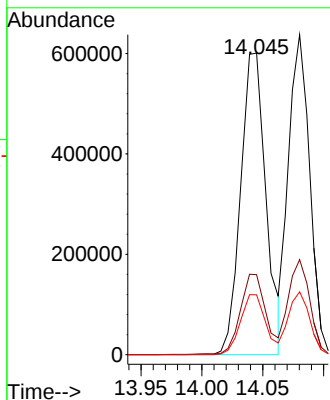
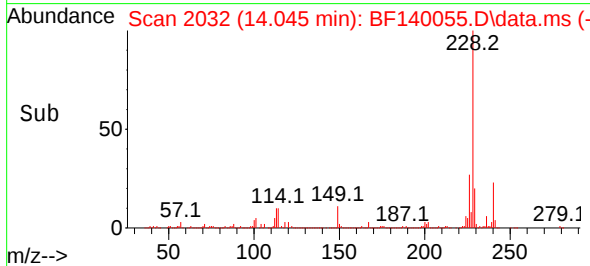
Instrument :
BNA_F
ClientSampleId :
BP-F22MSD



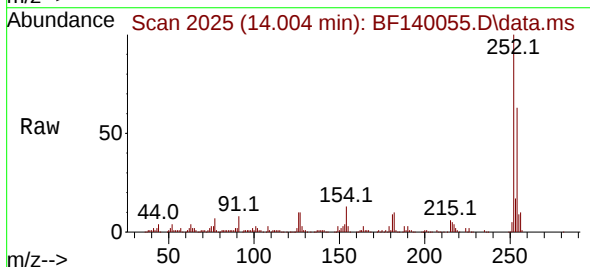
Tgt Ion:228 Resp: 870442
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.8 16.1 24.1

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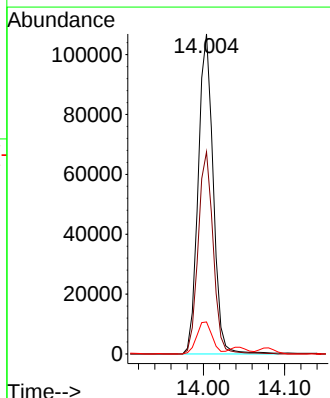
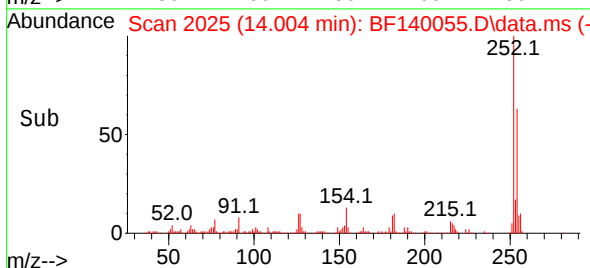
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

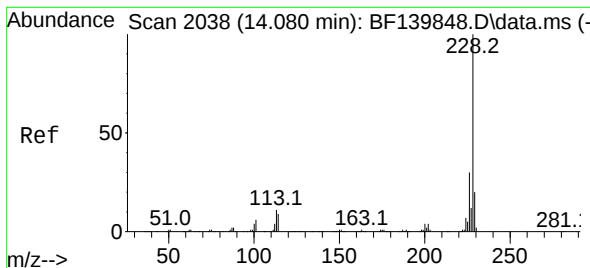


#82
3,3'-Dichlorobenzidine
Concen: 24.912 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02



Tgt Ion:252 Resp: 137287
Ion Ratio Lower Upper
252 100
254 63.1 50.8 76.2
126 10.0 8.9 13.3





#83

Chrysene

Concen: 44.877 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140055.D

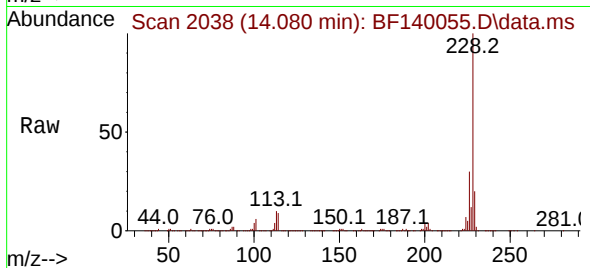
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



Tgt Ion:228 Resp: 777702

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

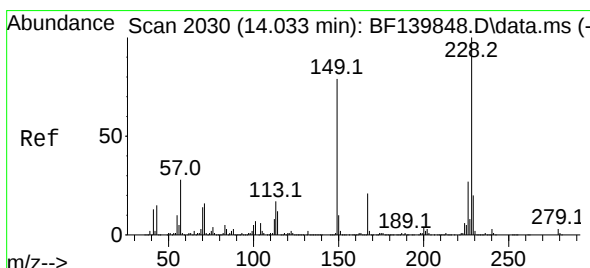
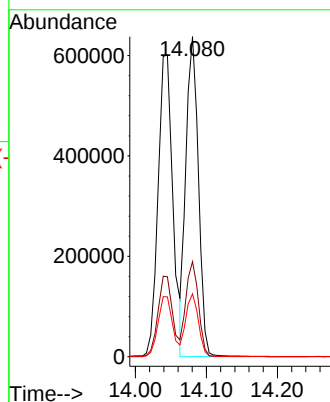
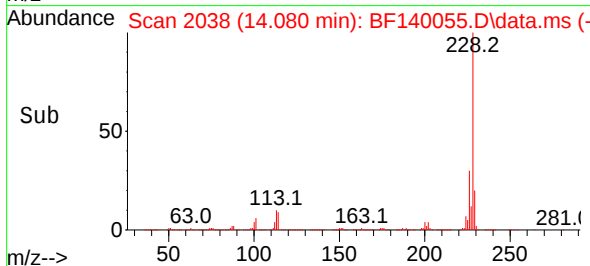
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#84

Bis(2-ethylhexyl)phthalate

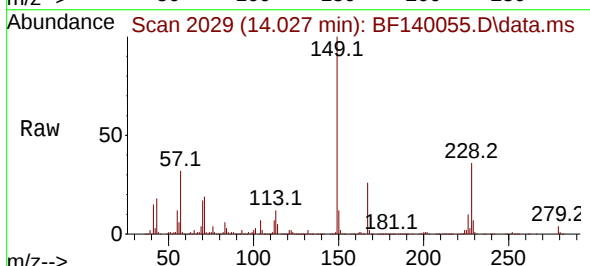
Concen: 66.182 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02



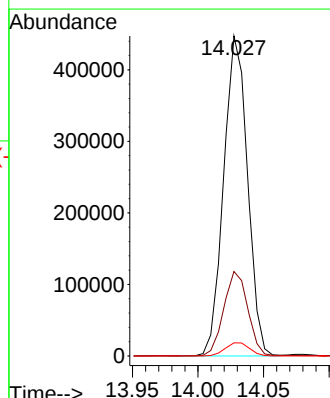
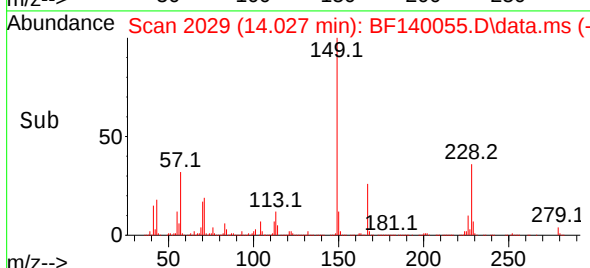
Tgt Ion:149 Resp: 565771

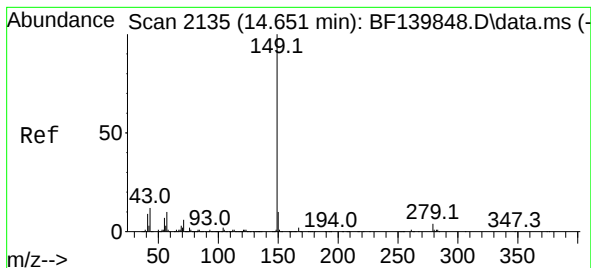
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 57.764 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140055.D

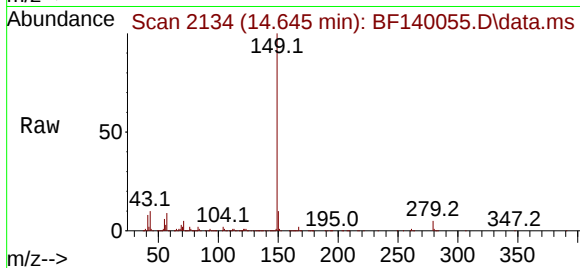
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD



Tgt Ion:149 Resp: 89816

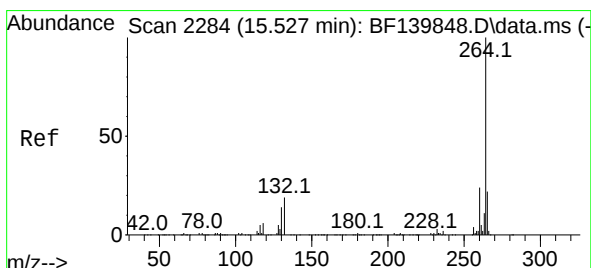
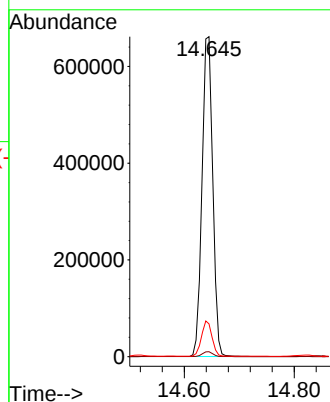
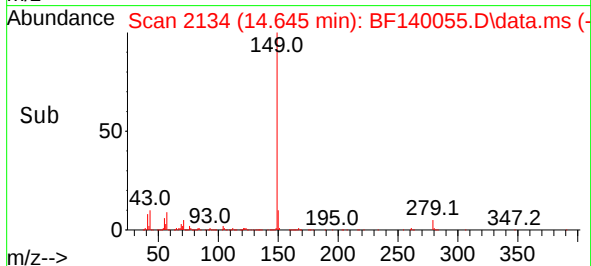
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.7	9.8	14.6

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: 15.527 min Scan# 2284

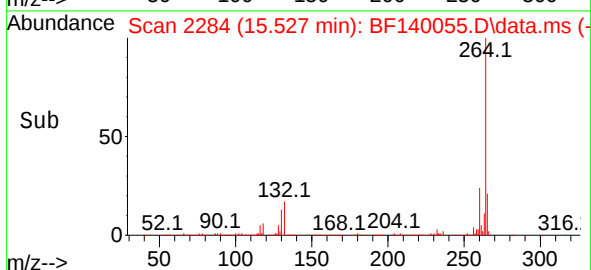
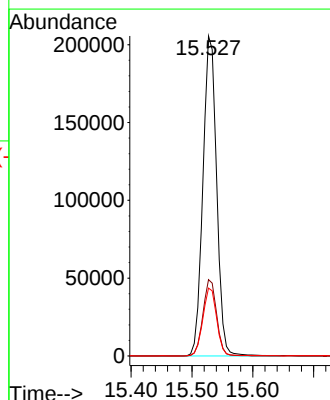
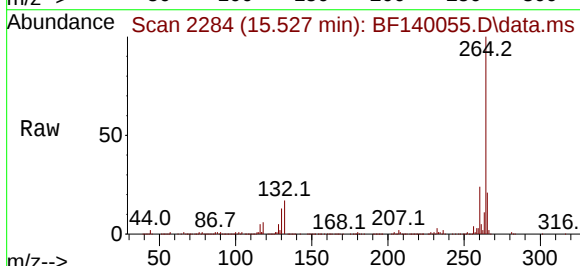
Delta R.T. 0.000 min

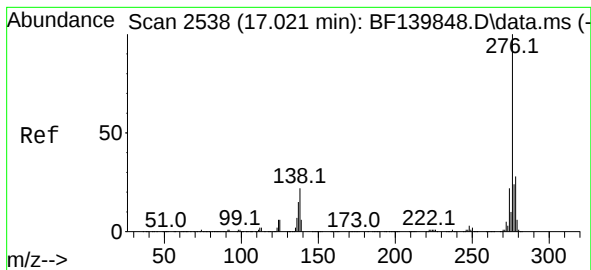
Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion:264 Resp: 321487

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.675 ng

RT: 17.027 min Scan# 2538

Delta R.T. 0.006 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

Tgt Ion:276 Resp: 86192

Ion Ratio Lower Upper

276 100

138 23.1 20.4 30.6

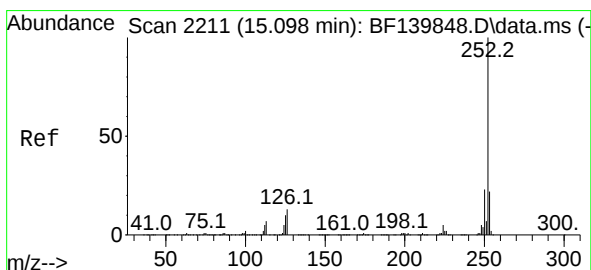
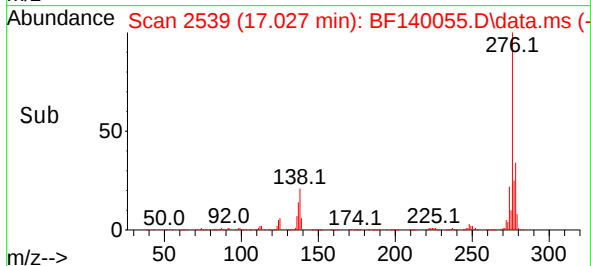
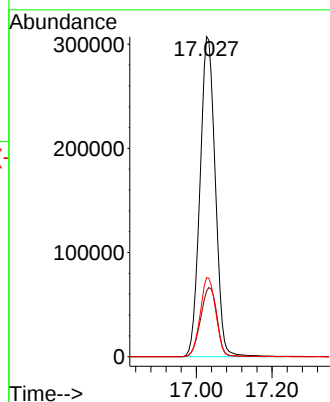
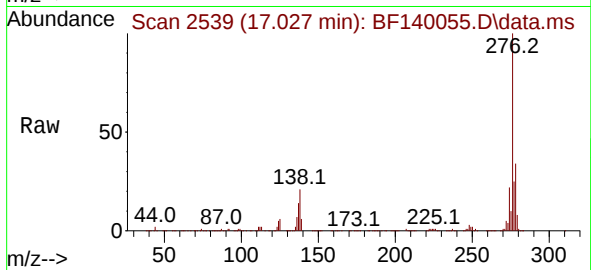
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#88

Benzo(b)fluoranthene

Concen: 41.745 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

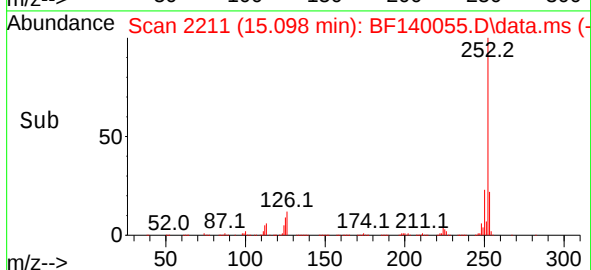
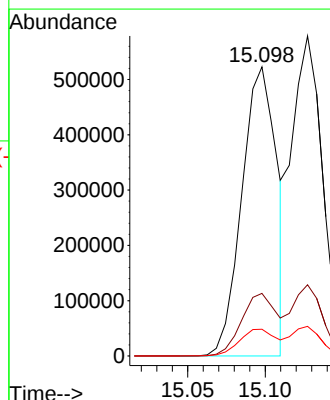
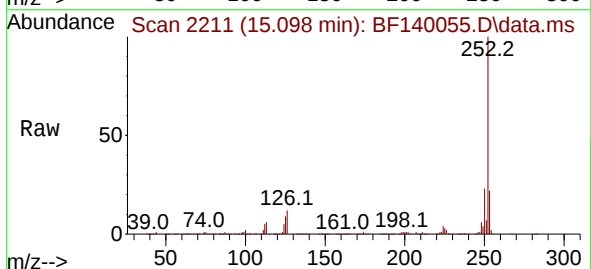
Tgt Ion:252 Resp: 817520

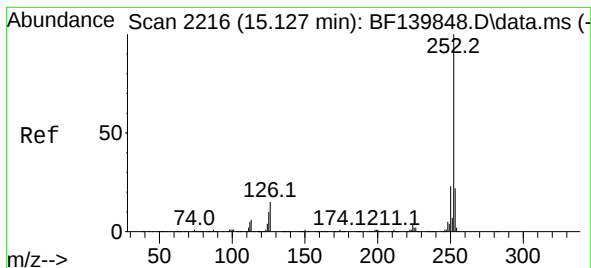
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.409 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

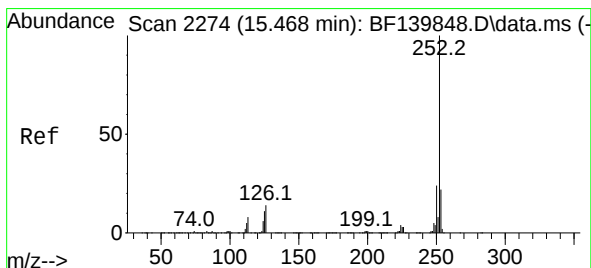
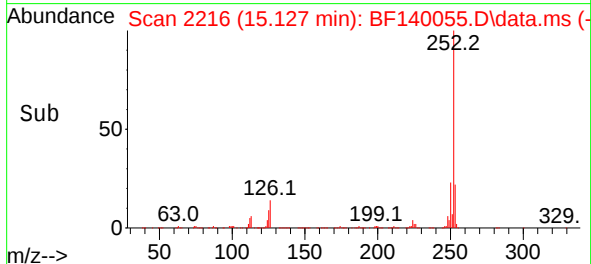
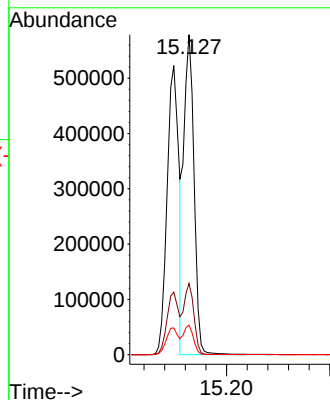
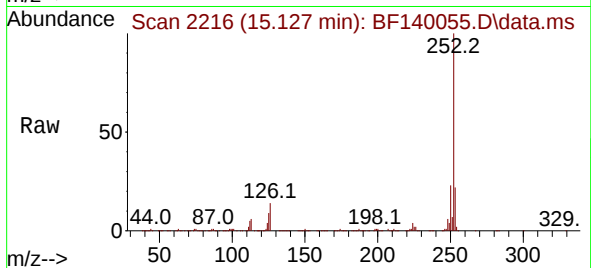
BP-F22MSD

Tgt Ion:252 Resp: 800690
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 9.2 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: 48.821 ng

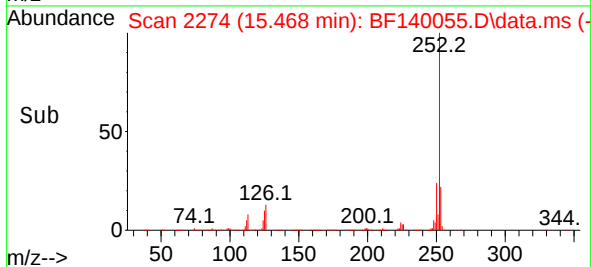
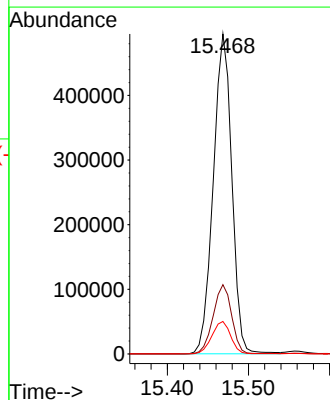
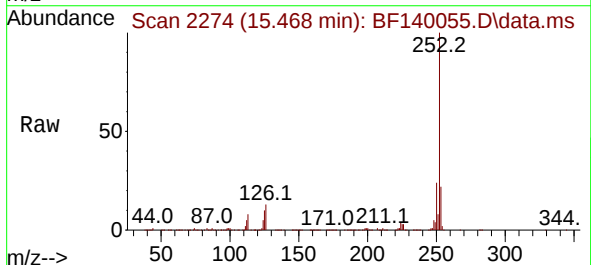
RT: 15.468 min Scan# 2274

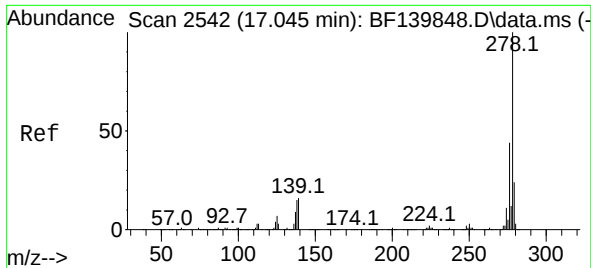
Delta R.T. 0.000 min

Lab File: BF140055.D

Acq: 26 Oct 2024 13:02

Tgt Ion:252 Resp: 786707
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 10.1 8.7 13.1





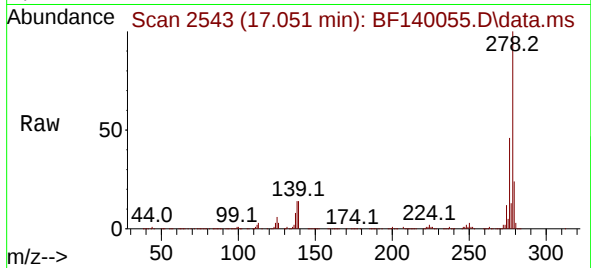
#91
Dibenzo(a,h)anthracene
Concen: 41.713 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Instrument :

BNA_F

ClientSampleId :

BP-F22MSD

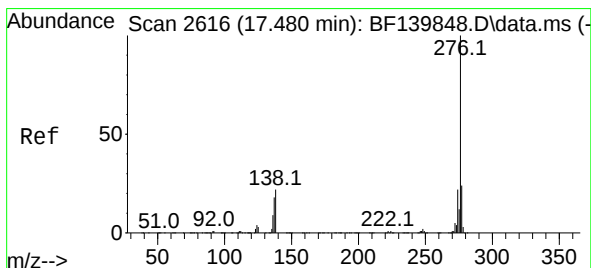
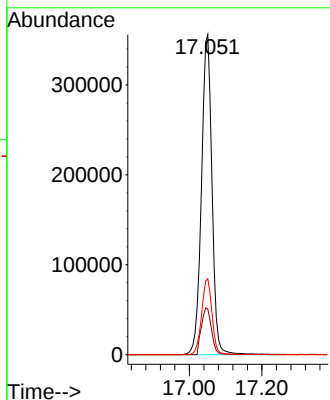
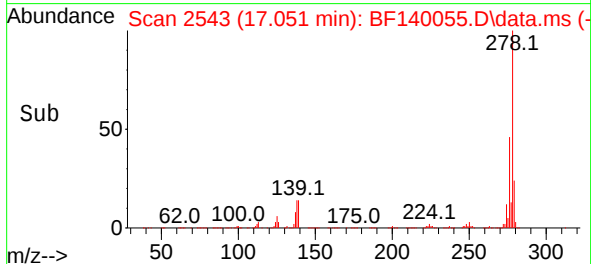


Tgt Ion:278 Resp: 719689
Ion Ratio Lower Upper
278 100
139 14.3 13.1 19.7
279 23.8 19.0 28.4

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 34.949 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF140055.D
Acq: 26 Oct 2024 13:02

Tgt Ion:276 Resp: 602315
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.5 17.4 26.0

