

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140058.D
 Acq On : 26 Oct 2024 14:27
 Operator : RC/JU
 Sample : P4547-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-20MSD

Quant Time: Oct 28 01:07:32 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 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	142054	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	561979	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	322249	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	559748	20.000	ng	0.00
76) Chrysene-d12	14.051	240	268566	20.000	ng	0.00
86) Perylene-d12	15.527	264	301700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	824345	90.846	ng	0.02
7) Phenol-d6	6.516	99	1080454	91.935	ng	0.00
23) Nitrobenzene-d5	7.451	82	674216	66.493	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	328432	108.961	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1200203	61.554	ng	0.00
79) Terphenyl-d14	12.998	244	1160835	70.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	156835	37.070	ng	94
3) Pyridine	3.534	79	402011	38.335	ng	96
4) n-Nitrosodimethylamine	3.487	42	219761	39.004	ng	100
6) Aniline	6.551	93	276260	25.222	ng	99
8) 2-Chlorophenol	6.675	128	408038	43.986	ng	97
9) Benzaldehyde	6.440	77	81061	12.261	ng	95
10) Phenol	6.528	94	517107m	42.679	ng	
11) bis(2-Chloroethyl)ether	6.622	93	394709	42.148	ng	100
12) 1,3-Dichlorobenzene	6.834	146	437639	41.098	ng	99
13) 1,4-Dichlorobenzene	6.910	146	445597	41.885	ng	99
14) 1,2-Dichlorobenzene	7.057	146	419551	42.255	ng	100
15) Benzyl Alcohol	7.028	79	378462	43.901	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	637762	39.939	ng	97
17) 2-Methylphenol	7.140	107	339920	42.973	ng	99
18) Hexachloroethane	7.404	117	159492	42.041	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	296701	41.626	ng	96
20) 3+4-Methylphenols	7.292	107	421761	41.686	ng	# 79
22) Acetophenone	7.298	105	556712	40.445	ng	99
24) Nitrobenzene	7.469	77	453576	40.800	ng	100
25) Isophorone	7.710	82	822671	42.747	ng	99
26) 2-Nitrophenol	7.787	139	216809	51.695	ng	97
27) 2,4-Dimethylphenol	7.822	122	340561	48.698	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	489036	41.941	ng	99
29) 2,4-Dichlorophenol	8.028	162	342180	42.958	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	355931	40.383	ng	99
31) Naphthalene	8.192	128	1193530	41.180	ng	100
32) Benzoic acid	7.934	122	238740	39.141	ng	98
33) 4-Chloroaniline	8.234	127	70818	7.166	ng	99
34) Hexachlorobutadiene	8.310	225	237240	42.839	ng	97
35) Caprolactam	8.616	113	110070m	43.459	ng	
36) 4-Chloro-3-methylphenol	8.722	107	382812	43.402	ng	97
37) 2-Methylnaphthalene	8.886	142	755092	42.539	ng	99
38) 1-Methylnaphthalene	8.986	142	711197	40.837	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	361413	41.571	ng	99
41) Hexachlorocyclopentadiene	9.039	237	402242	132.972	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	267400	43.444	ng	100

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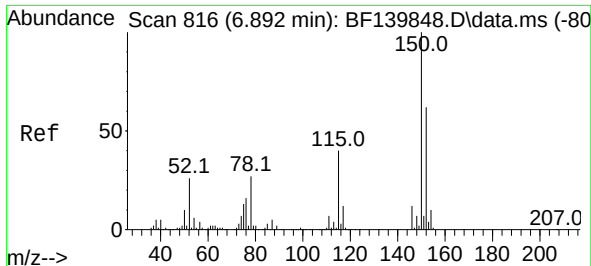
Quant Time: Oct 28 01:07:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	271347	42.729	ng	98
46) 1,1'-Biphenyl	9.351	154	924197	41.198	ng	99
47) 2-Chloronaphthalene	9.375	162	737377	40.811	ng	99
48) 2-Nitroaniline	9.469	65	252803	45.748	ng	93
49) Acenaphthylene	9.792	152	1155795	44.248	ng	99
50) Dimethylphthalate	9.651	163	865826	43.136	ng	100
51) 2,6-Dinitrotoluene	9.710	165	192511	44.296	ng	98
52) Acenaphthene	9.963	154	791831	46.861	ng	99
53) 3-Nitroaniline	9.875	138	87805	19.591	ng	96
54) 2,4-Dinitrophenol	9.986	184	190676	103.509	ng	# 1
55) Dibenzofuran	10.133	168	1024437	42.255	ng	99
56) 4-Nitrophenol	10.033	139	294610	85.441	ng	98
57) 2,4-Dinitrotoluene	10.116	165	259324	48.522	ng	96
58) Fluorene	10.480	166	763576	41.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	222301	44.654	ng	97
60) Diethylphthalate	10.351	149	848877	43.073	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	394137	42.266	ng	99
62) 4-Nitroaniline	10.492	138	185680	43.866	ng	97
63) Azobenzene	10.628	77	943502	45.157	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	133632	58.529	ng	92
66) n-Nitrosodiphenylamine	10.586	169	719231	42.931	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	255438	44.297	ng	97
68) Hexachlorobenzene	11.022	284	278683	42.971	ng	99
69) Atrazine	11.110	200	234785	51.736	ng	99
70) Pentachlorophenol	11.216	266	319223	81.104	ng	99
71) Phenanthrene	11.439	178	1107932	41.903	ng	100
72) Anthracene	11.492	178	1122946	43.530	ng	100
73) Carbazole	11.645	167	949310	39.568	ng	99
74) Di-n-butylphthalate	11.975	149	1231008	44.411	ng	100
75) Fluoranthene	12.627	202	1025877	38.381	ng	99
77) Benzidine	12.745	184	244595	55.387	ng	99
78) Pyrene	12.857	202	999723	42.526	ng	100
80) Butylbenzylphthalate	13.469	149	394890	56.030	ng	100
81) Benzo(a)anthracene	14.039	228	783816	44.834	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	117434	23.038	ng	98
83) Chrysene	14.080	228	674804	42.097	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	503026	63.615	ng	99
85) Di-n-octyl phthalate	14.645	149	801243	55.709	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	747072	38.491	ng	98
88) Benzo(b)fluoranthene	15.098	252	730351	39.740	ng	99
89) Benzo(k)fluoranthene	15.127	252	718601	45.338	ng	99
90) Benzo(a)pyrene	15.468	252	704184	46.566	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	623175	38.488	ng	98
92) Benzo(g,h,i)perylene	17.480	276	516906	31.961	ng	98

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



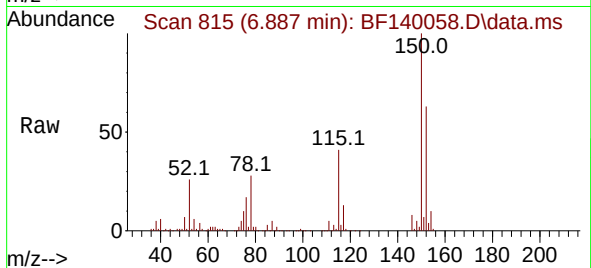
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

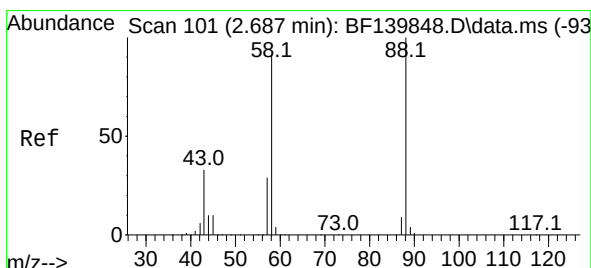
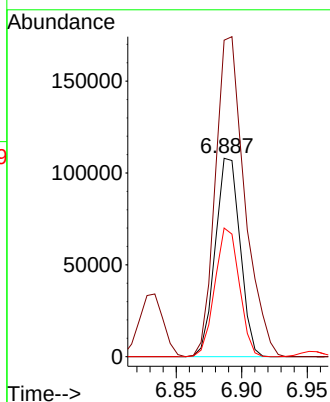
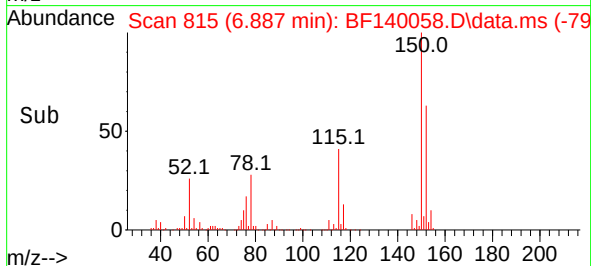


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Ion Ratio Lower Upper
152 100
150 159.5 130.2 195.2
115 64.8 51.4 77.2

Manual Integrations

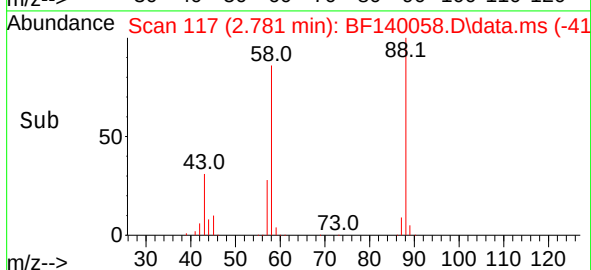
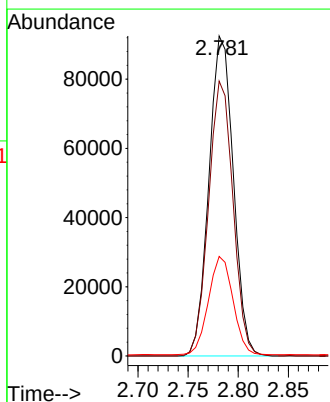
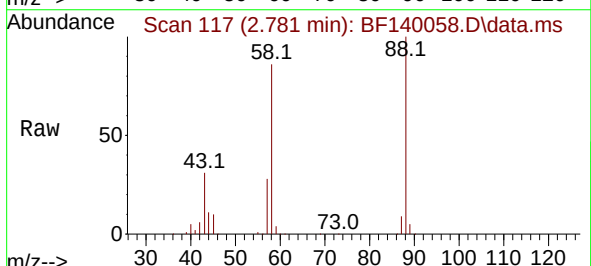
APPROVED

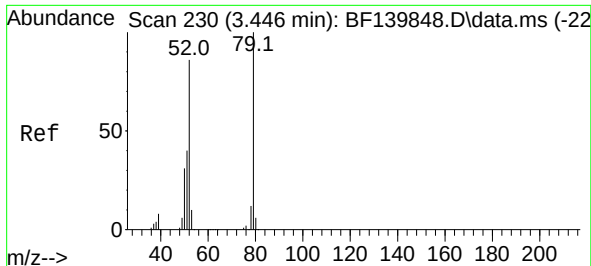
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#2
1,4-Dioxane
Concen: 37.070 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.094 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion: 88 Resp: 156835
Ion Ratio Lower Upper
88 100
58 86.1 73.3 109.9
43 30.8 27.1 40.7





#3

Pyridine

Concen: 38.335 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.088 min

Lab File: BF140058.D

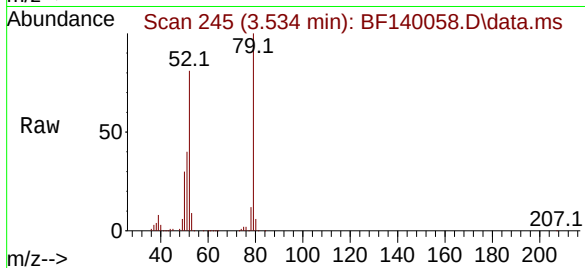
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



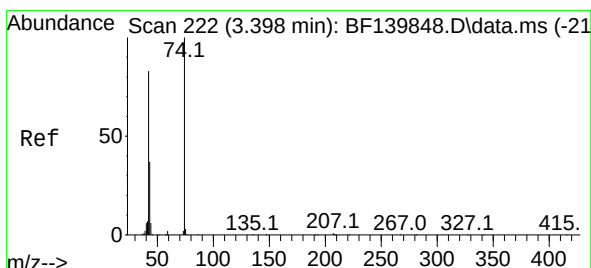
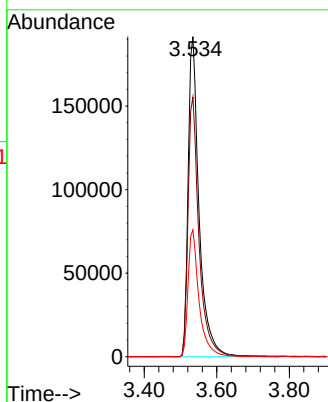
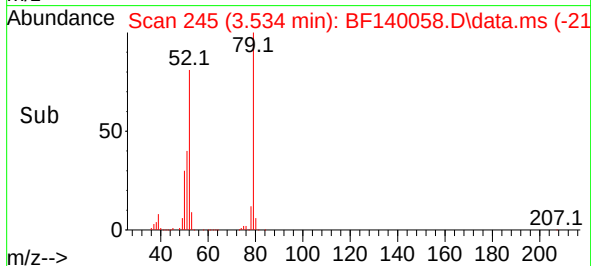
Tgt Ion:	79	Resp:	40201
Ion Ratio	Lower	Upper	
79	100		
52	81.1	68.5	102.7
51	39.6	32.3	48.5

Manual Integrations

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Supervised By :mohammad ahmed 10/29/2024



#4

n-Nitrosodimethylamine

Concen: 39.004 ng

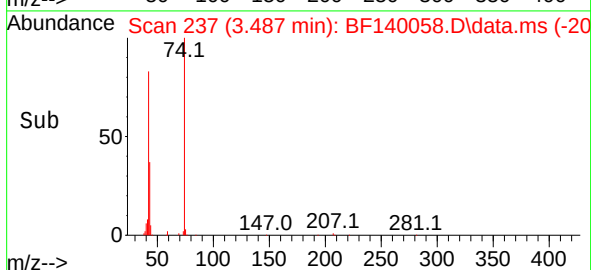
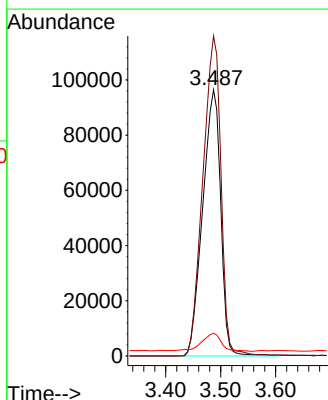
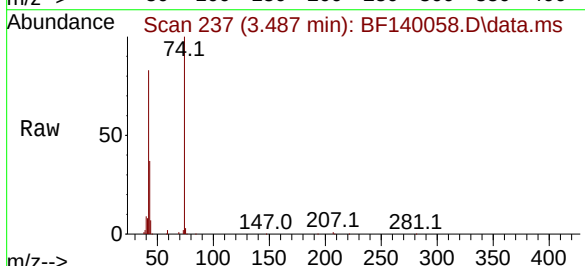
RT: 3.487 min Scan# 237

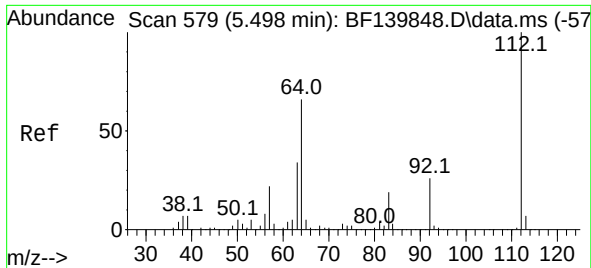
Delta R.T. 0.088 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Tgt Ion:	42	Resp:	219761
Ion Ratio	Lower	Upper	
42	100		
74	120.2	96.2	144.4
44	8.5	6.2	9.2





#5
2-Fluorophenol
Concen: 90.846 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

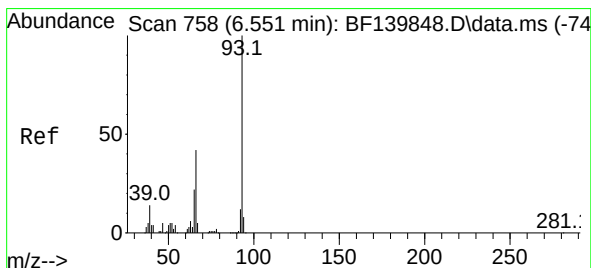
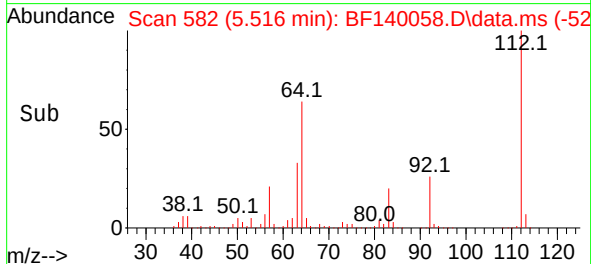
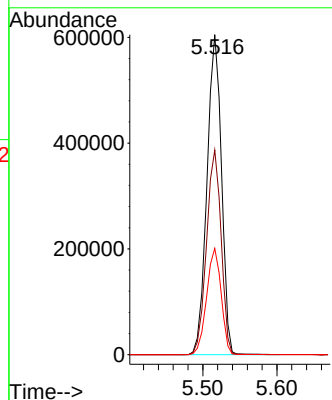
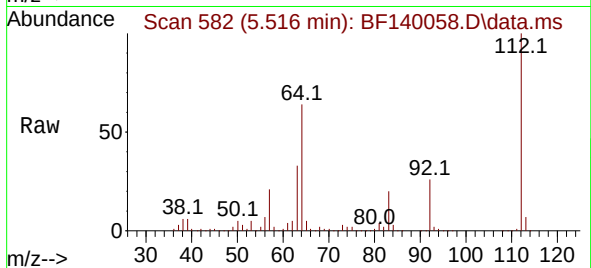
BP-F-20MSD

Tgt Ion:112 Resp: 82434
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.2 27.0 40.4

Manual Integrations

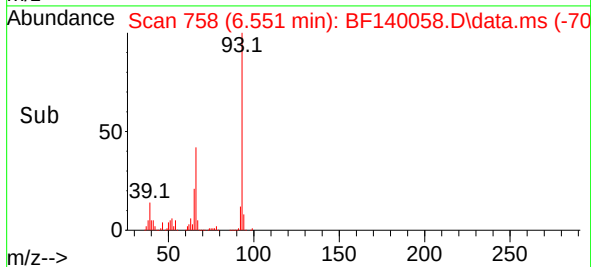
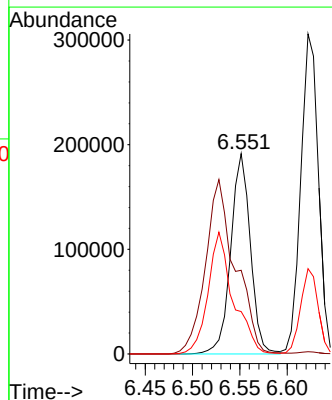
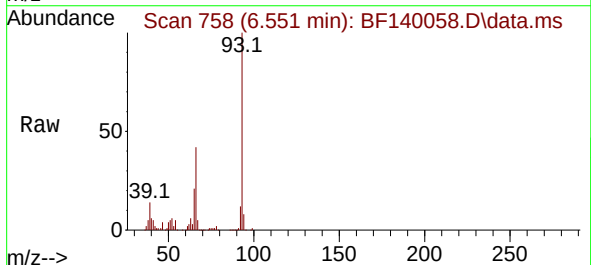
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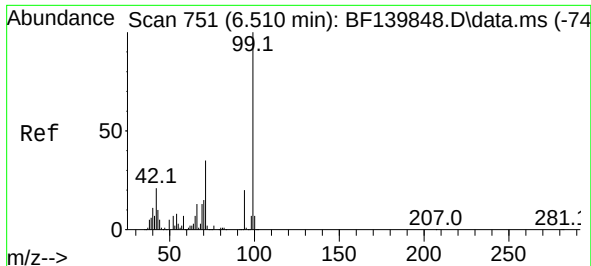
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#6
Aniline
Concen: 25.222 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

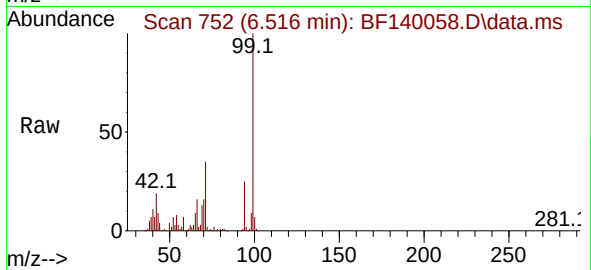
Tgt Ion: 93 Resp: 276260
Ion Ratio Lower Upper
93 100
66 41.8 34.0 51.0
65 21.2 17.4 26.0





#7
Phenol-d6
Concen: 91.935 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

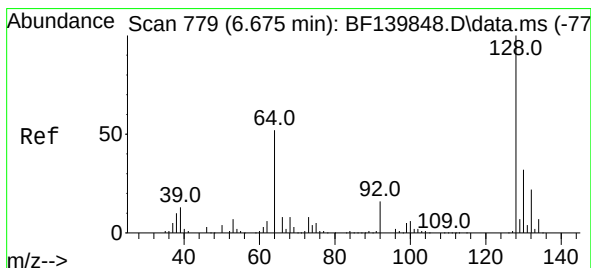
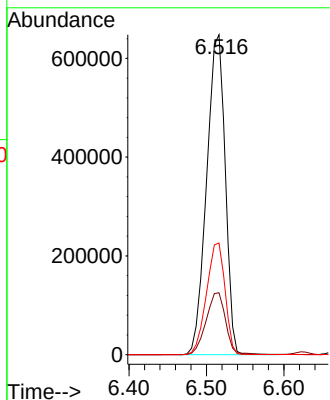
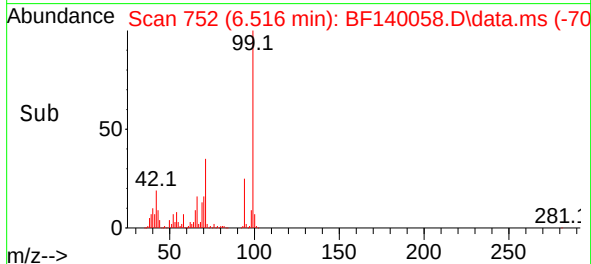
Instrument :
BNA_F
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BP-F-20MSD



Tgt Ion: 99 Resp: 108045
Ion Ratio Lower Upper
99 100
42 19.4 16.7 25.1
71 34.9 27.7 41.5

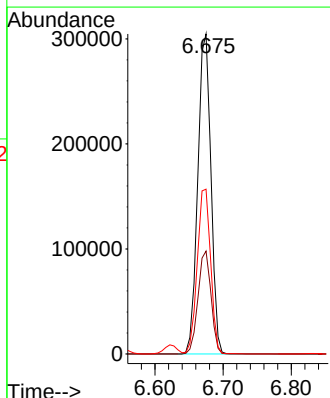
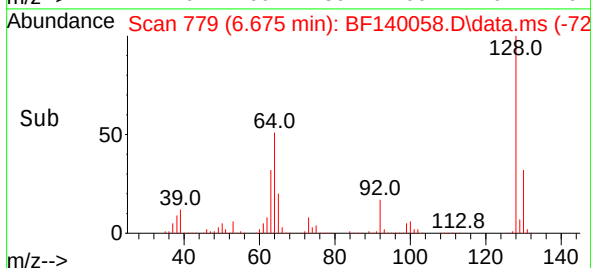
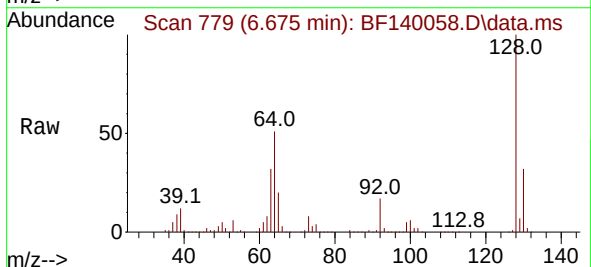
Manual Integrations
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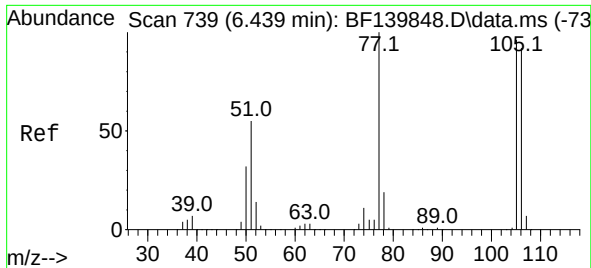
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#8
2-Chlorophenol
Concen: 43.986 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

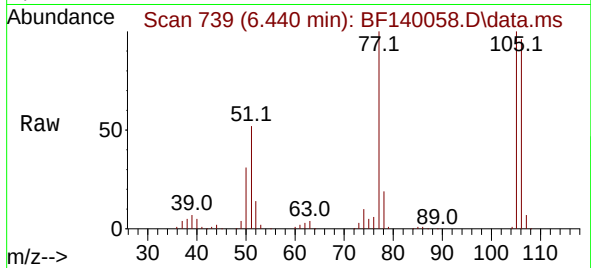
Tgt Ion:128 Resp: 408038
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 51.5 34.6 74.6





#9
Benzaldehyde
Concen: 12.261 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

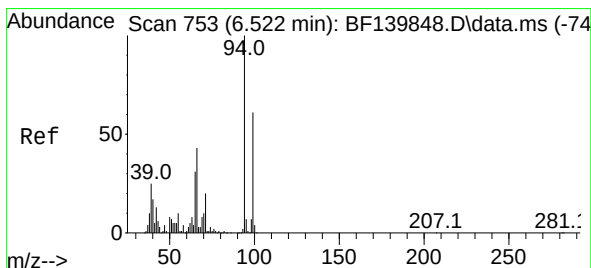
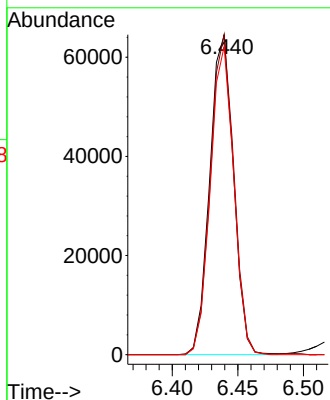
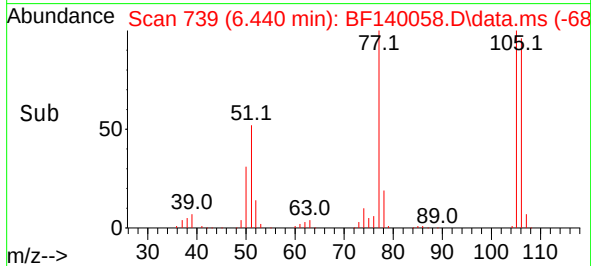
Instrument :
BNA_F
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BP-F-20MSD



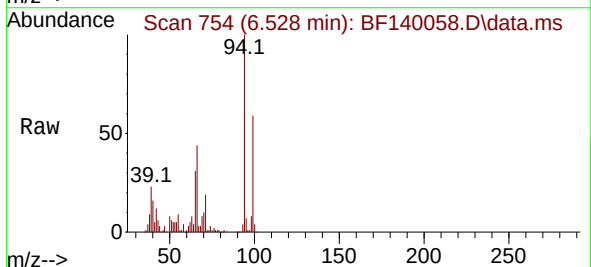
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Ion Ratio Lower Upper
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105 100.2 75.5 115.5
106 96.4 71.7 111.7

Manual Integrations
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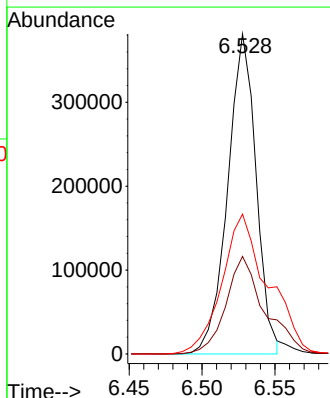
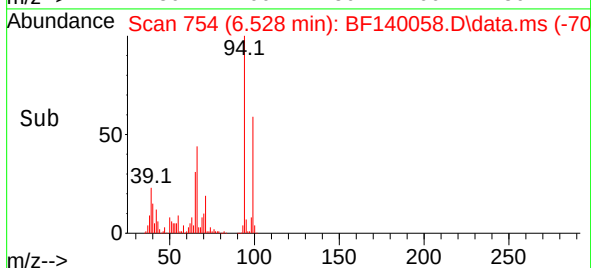
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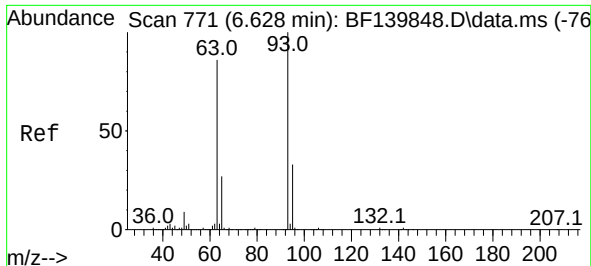


#10
Phenol
Concen: 42.679 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



Tgt Ion: 94 Resp: 517107
Ion Ratio Lower Upper
94 100
65 30.5 11.1 51.1
66 43.7 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 42.148 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140058.D

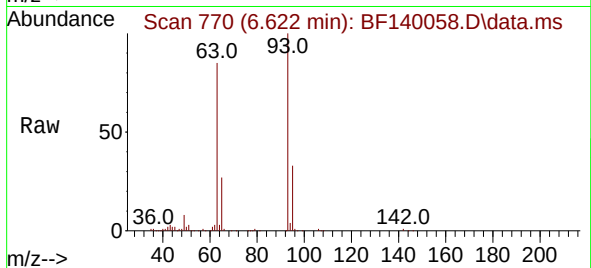
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



Tgt Ion: 93 Resp: 394709

Ion Ratio Lower Upper

93 100

63 85.1 65.0 105.0

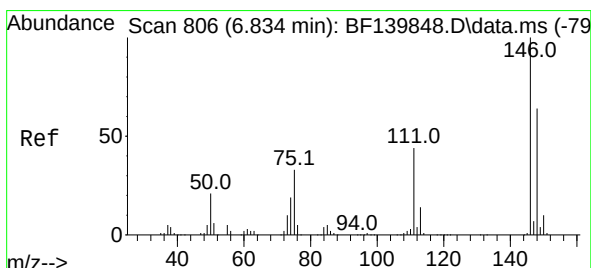
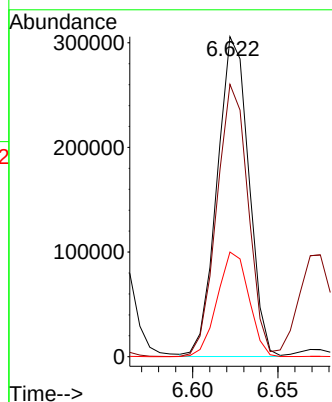
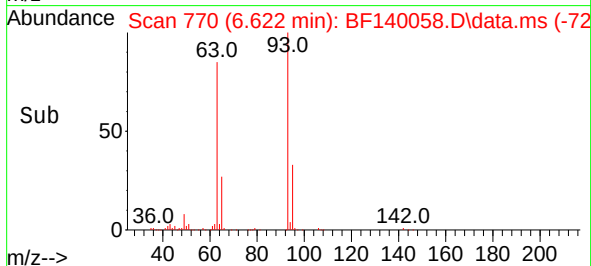
95 32.7 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#12

1,3-Dichlorobenzene

Concen: 41.098 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

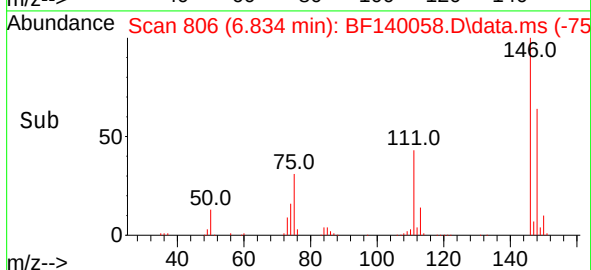
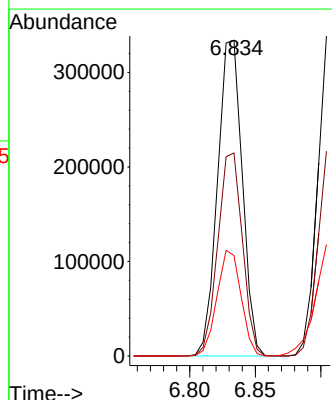
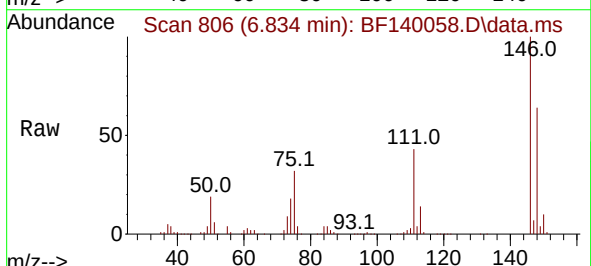
Tgt Ion:146 Resp: 437639

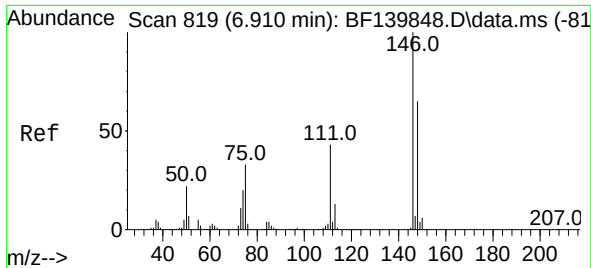
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

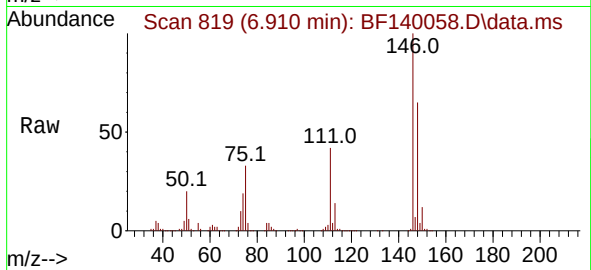
75 31.8 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 41.885 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

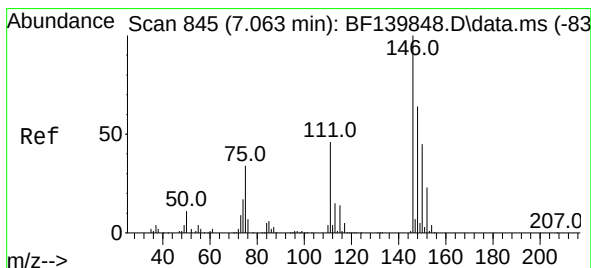
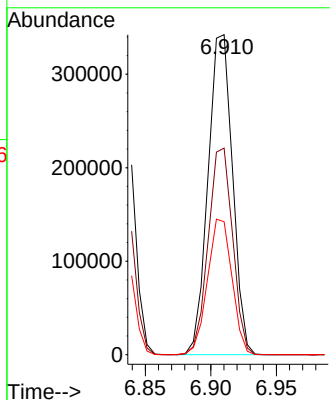
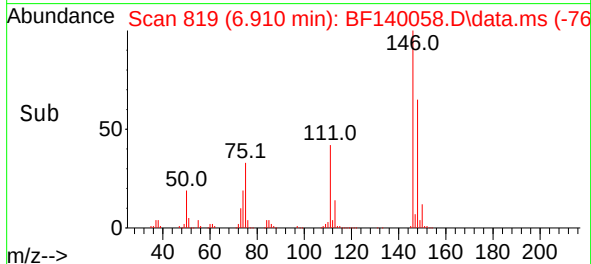
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



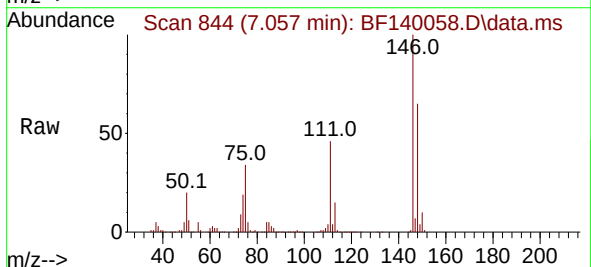
Tgt Ion:146 Resp: 44559
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
111 41.5 34.6 51.8

Manual Integrations
APPROVED

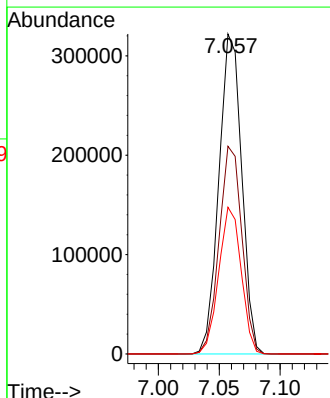
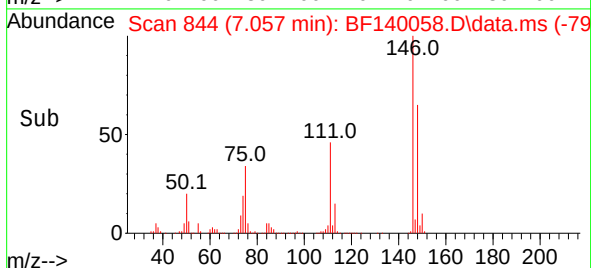
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

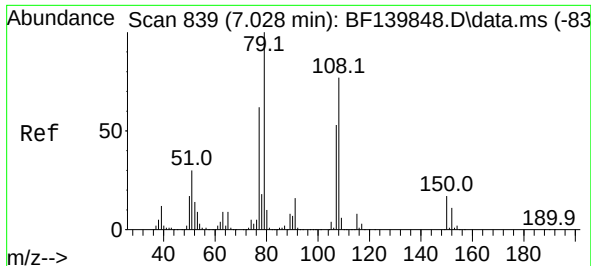


#14
1,2-Dichlorobenzene
Concen: 42.255 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



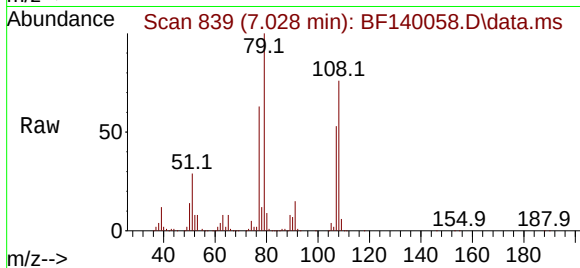
Tgt Ion:146 Resp: 419551
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 45.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 43.901 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

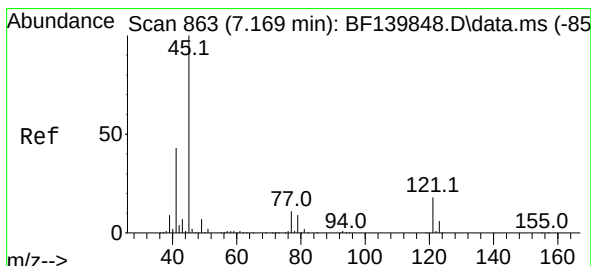
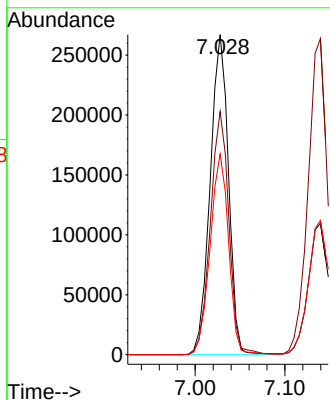
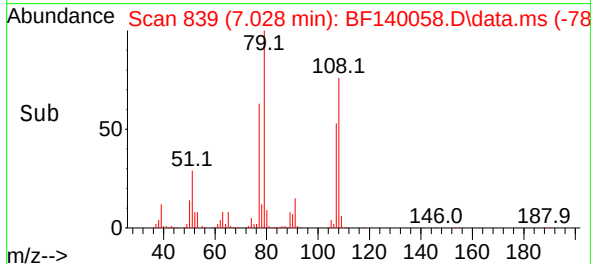
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



Tgt Ion: 79 Resp: 378462
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 62.7 49.9 74.9

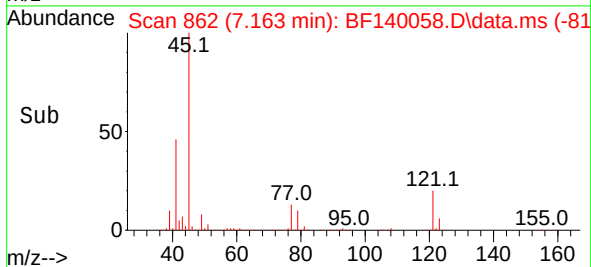
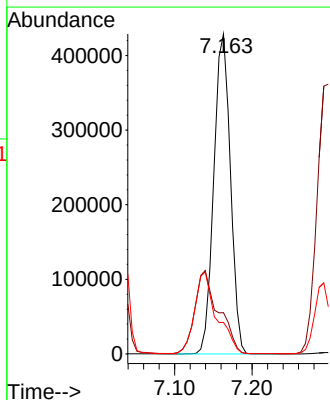
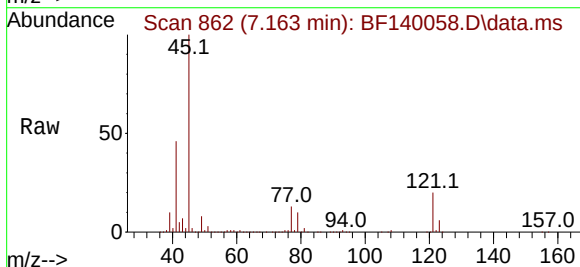
Manual Integrations
APPROVED

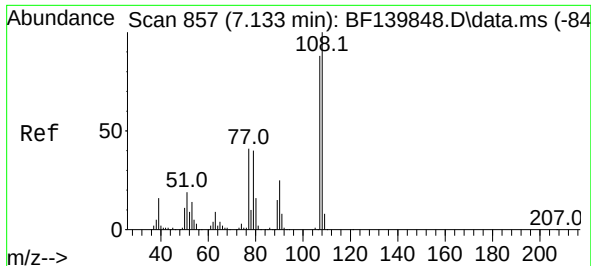
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.939 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion: 45 Resp: 637762
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.8 0.0 29.1





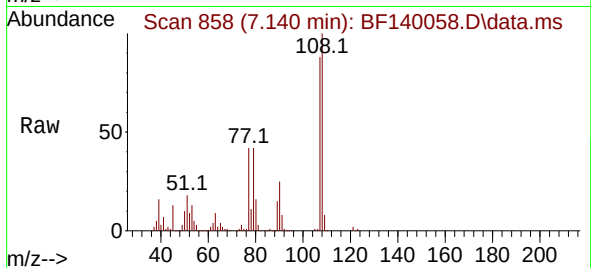
#17
2-Methylphenol
Concen: 42.973 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

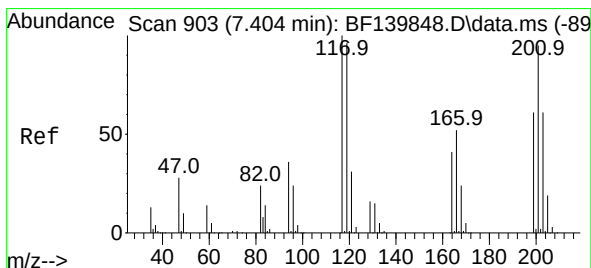
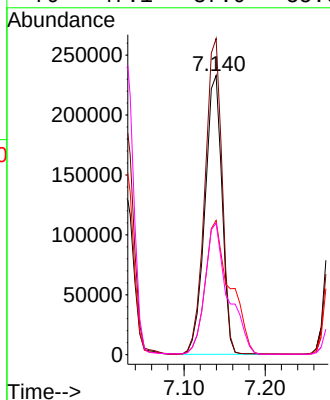
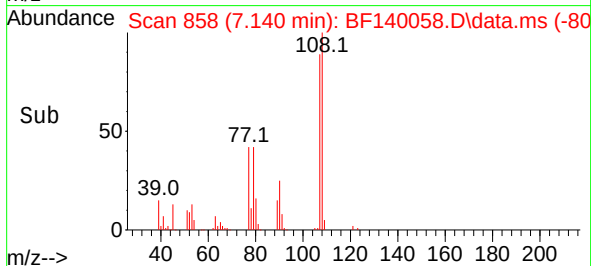


Tgt Ion:107 Resp: 339920
Ion Ratio Lower Upper
107 100
108 113.3 91.3 136.9
77 48.1 37.1 55.7
79 47.1 37.0 55.6

Manual Integrations

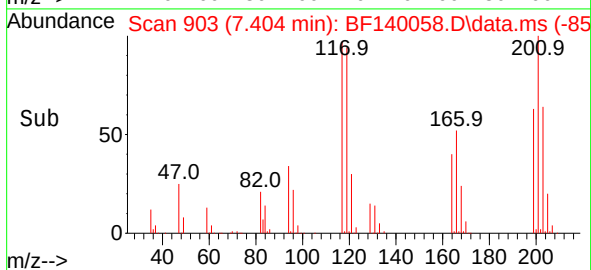
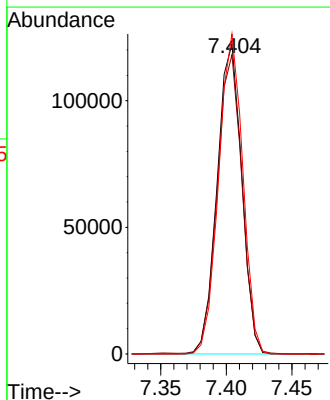
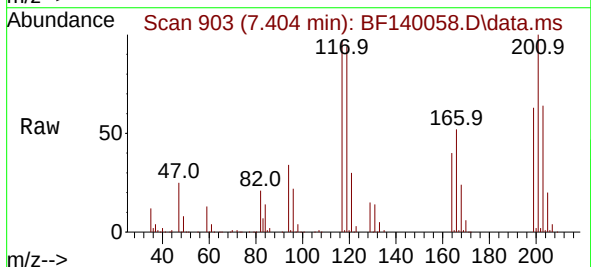
APPROVED

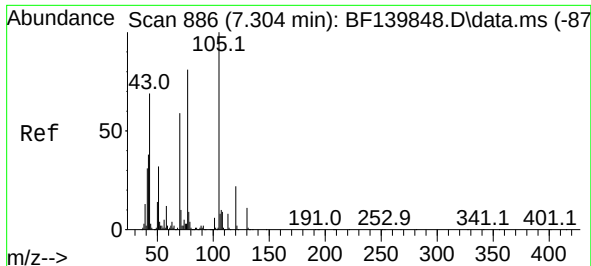
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#18
Hexachloroethane
Concen: 42.041 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:117 Resp: 159492
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4
201 103.2 76.2 114.4





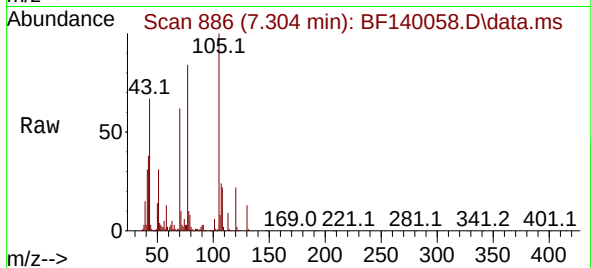
#19
n-Nitroso-di-n-propylamine
Concen: 41.626 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



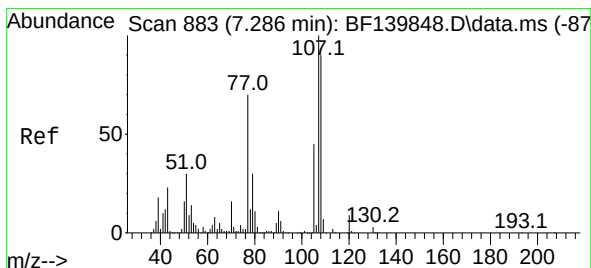
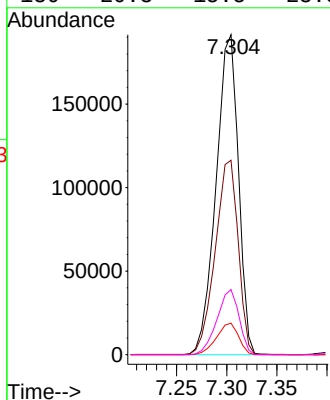
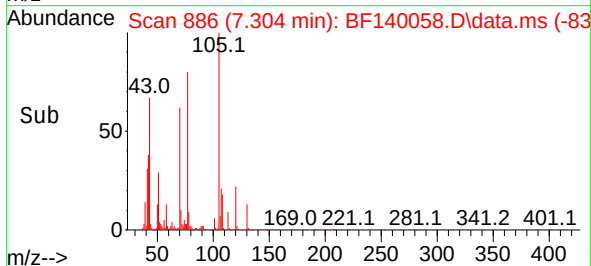
Tgt Ion: 70 Resp: 29670
Ion Ratio Lower Upper
70 100
42 60.8 51.5 77.3
101 9.8 7.5 11.3
130 20.3 15.5 23.3

Manual Integrations

APPROVED

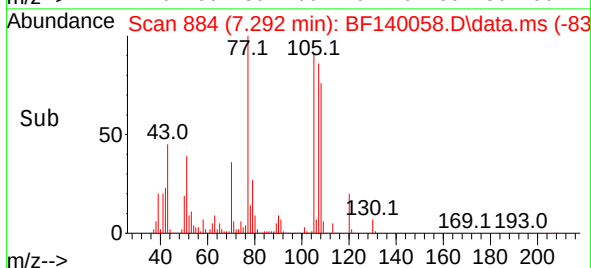
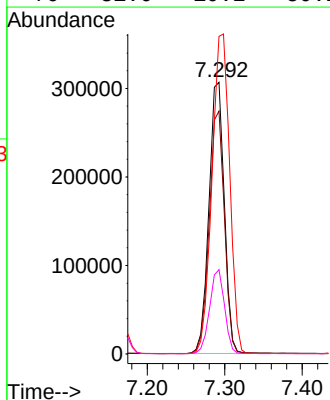
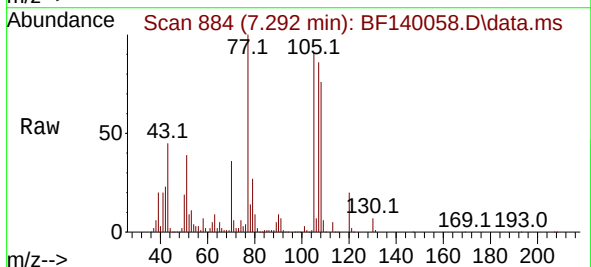
Reviewed By :Yogesh Patel 10/29/2024

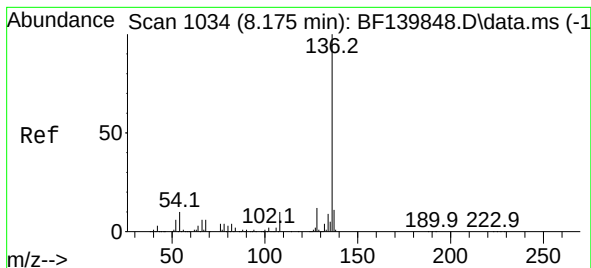
Supervised By :mohammad ahmed 10/29/2024



#20
3+4-Methylphenols
Concen: 41.686 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:107 Resp: 421761
Ion Ratio Lower Upper
107 100
108 89.4 69.8 109.8
77 117.0 50.5 90.5#
79 31.0 10.2 50.2





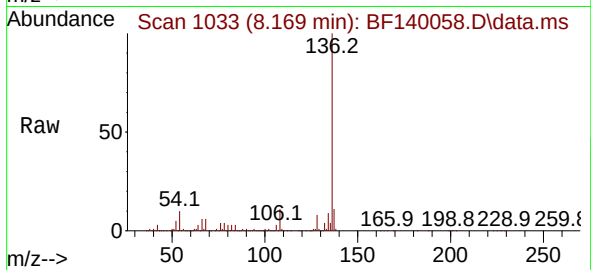
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



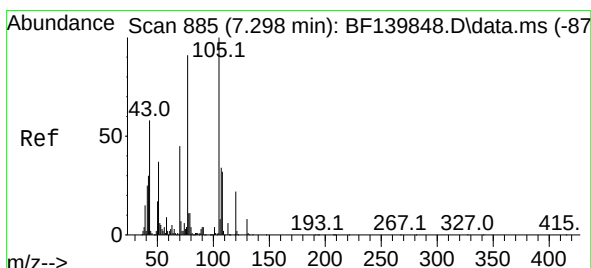
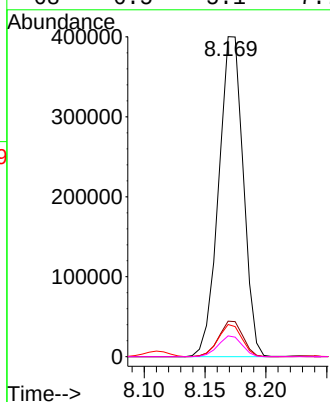
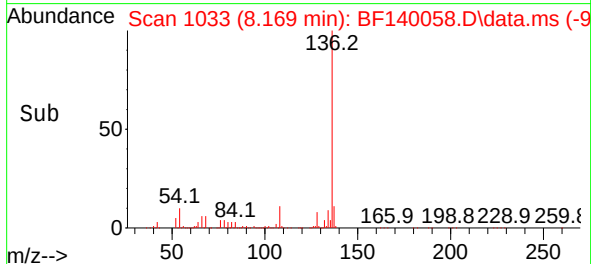
Tgt Ion:136 Resp: 561979
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 8.4 12.6
68 6.5 5.1 7.7

Manual Integrations

APPROVED

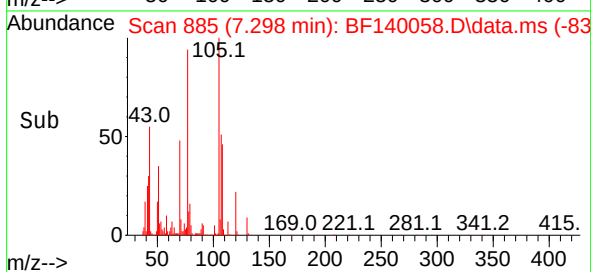
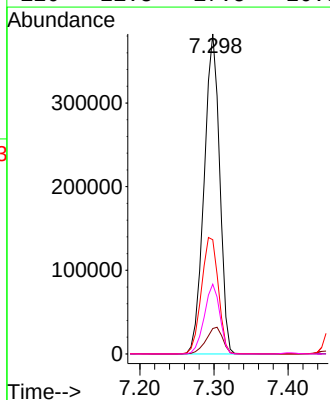
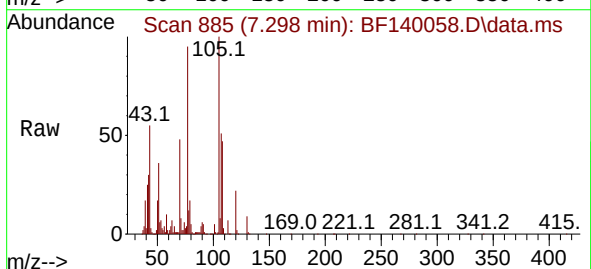
Reviewed By :Yogesh Patel 10/29/2024

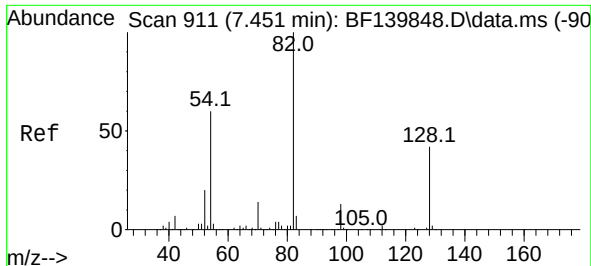
Supervised By :mohammad ahmed 10/29/2024



#22
Acetophenone
Concen: 40.445 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:105 Resp: 556712
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 35.7 29.4 44.2
120 21.8 17.5 26.3





#23

Nitrobenzene-d5

Concen: 66.493 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion: 82 Resp: 674210

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

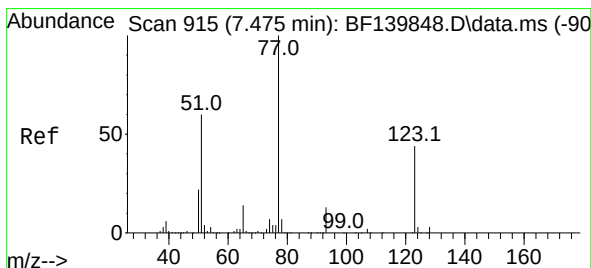
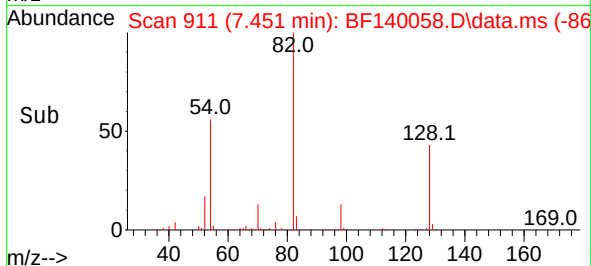
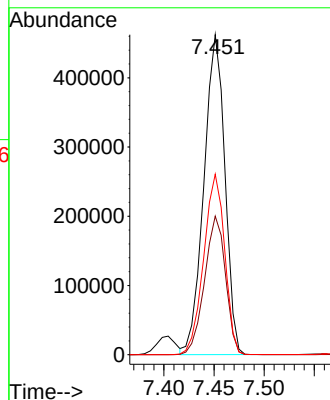
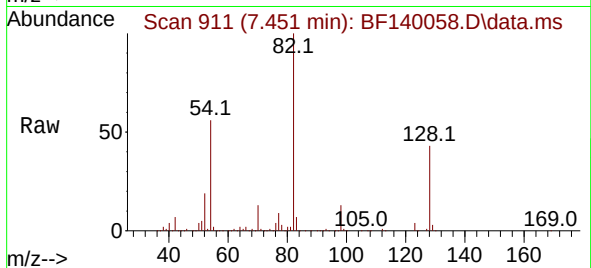
54 56.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#24

Nitrobenzene

Concen: 40.800 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

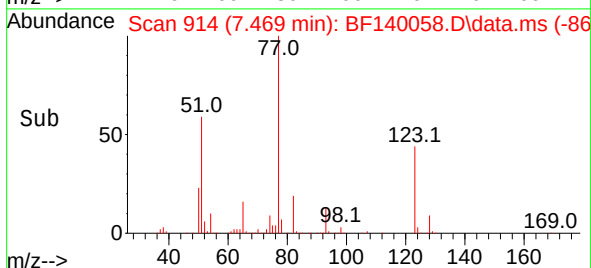
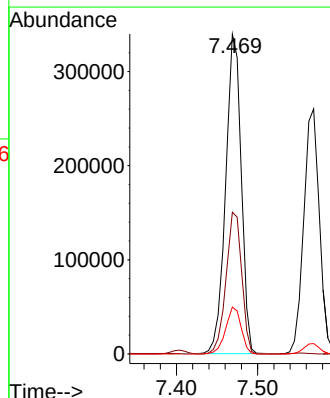
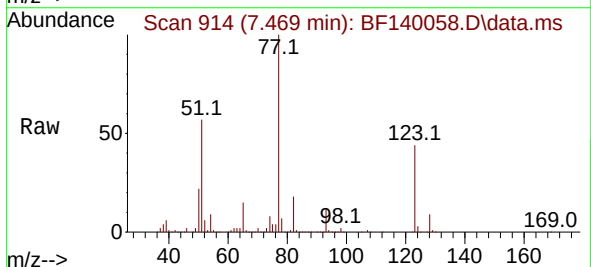
Tgt Ion: 77 Resp: 453576

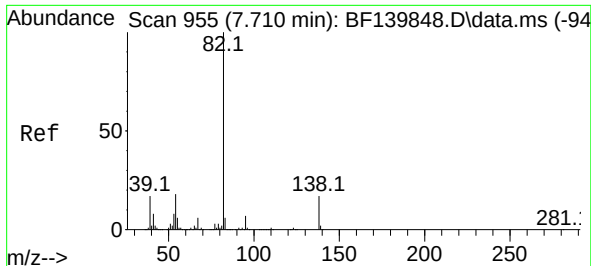
Ion Ratio Lower Upper

77 100

123 44.3 35.7 53.5

65 14.7 11.5 17.3





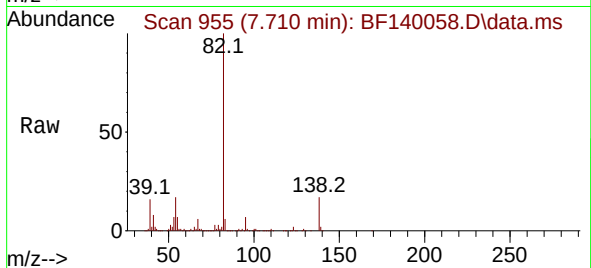
#25
Isophorone
Concen: 42.747 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

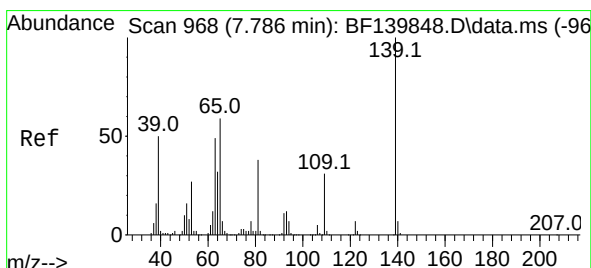
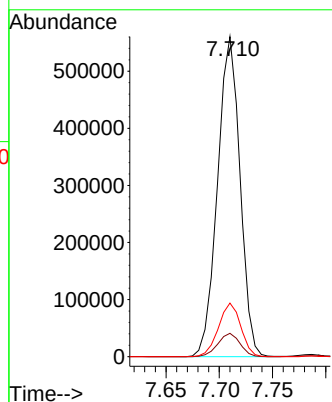
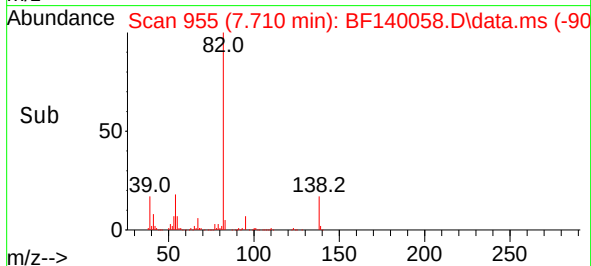


Tgt Ion: 82 Resp: 82267
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.7 13.2 19.8

Manual Integrations

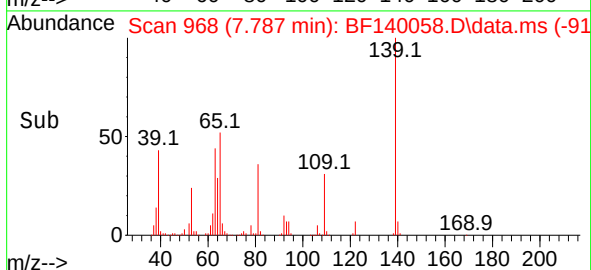
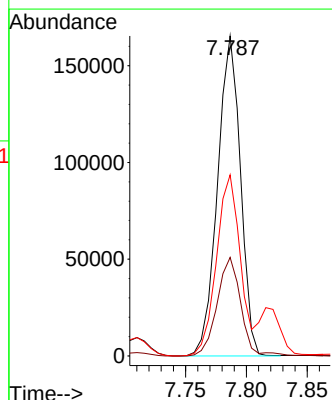
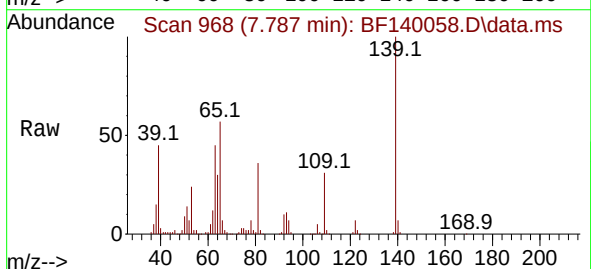
APPROVED

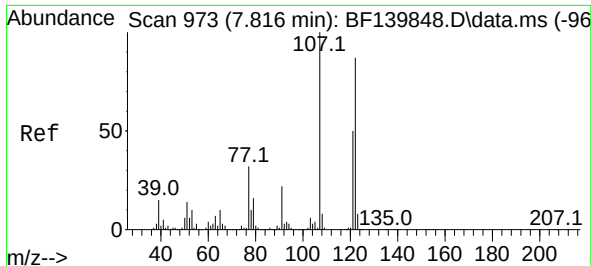
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#26
2-Nitrophenol
Concen: 51.695 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:139 Resp: 216809
Ion Ratio Lower Upper
139 100
109 30.8 25.1 37.7
65 56.6 47.5 71.3





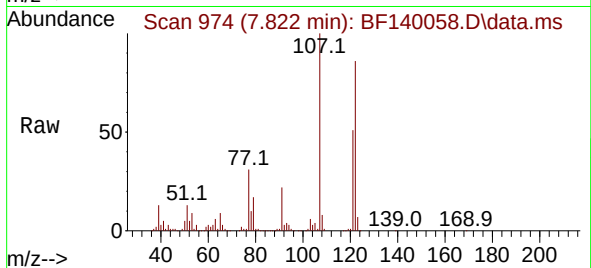
#27
2,4-Dimethylphenol
Concen: 48.698 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



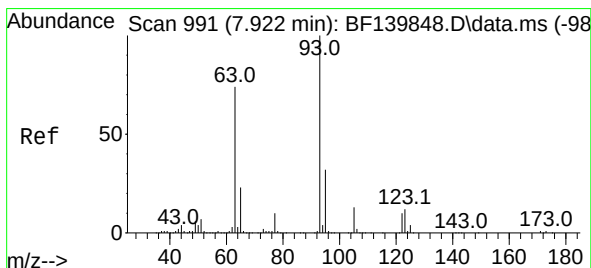
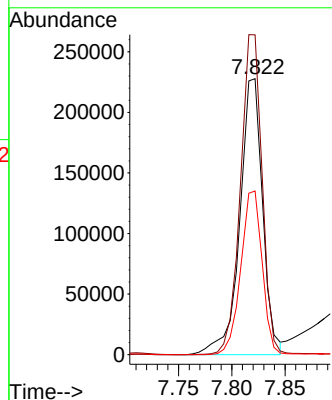
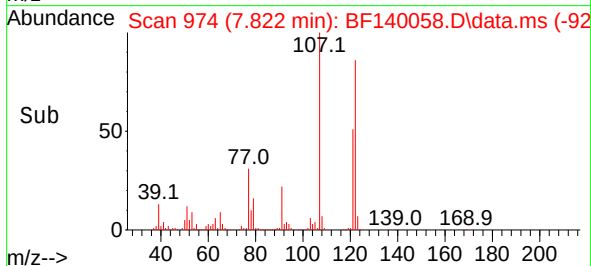
Tgt Ion:122 Resp: 34056
Ion Ratio Lower Upper
122 100
107 115.9 91.9 137.9
121 59.3 46.2 69.4

Manual Integrations

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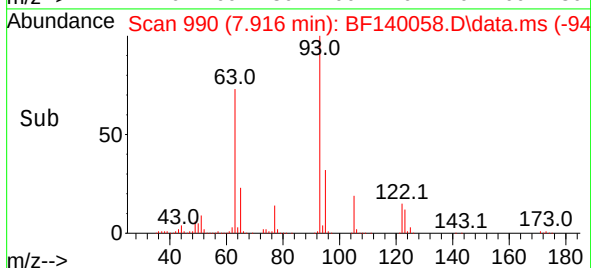
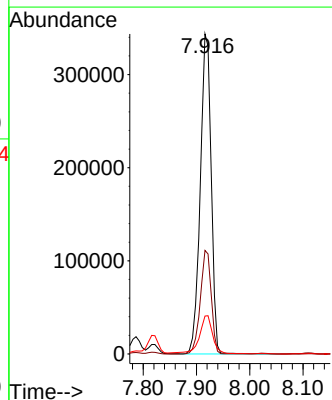
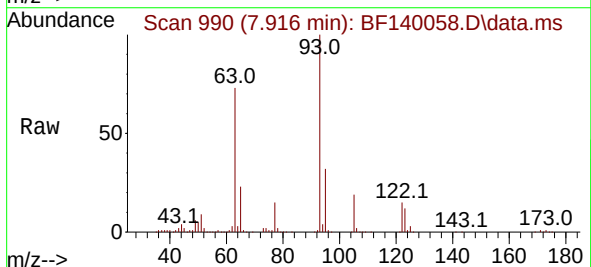
Reviewed By :Yogesh Patel 10/29/2024

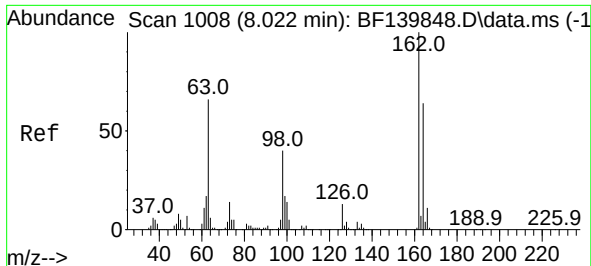
Supervised By :mohammad ahmed 10/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.941 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion: 93 Resp: 489036
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 42.958 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion:162 Resp: 342180

Ion Ratio Lower Upper

162 100

164 64.8 43.9 83.9

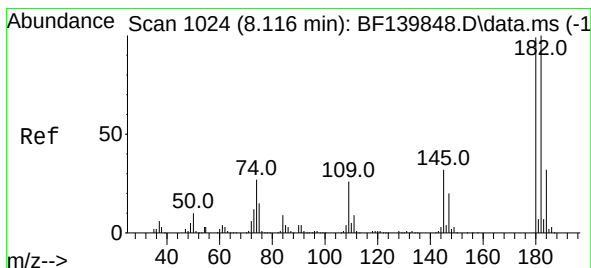
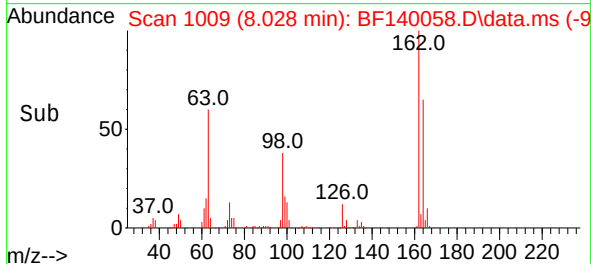
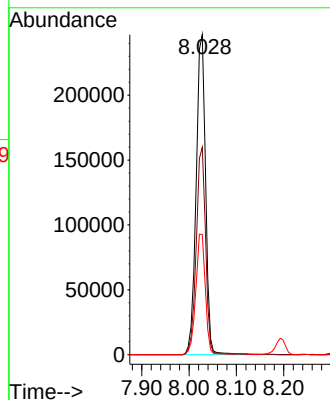
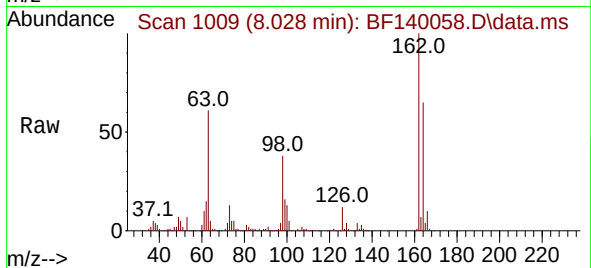
98 37.5 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.383 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

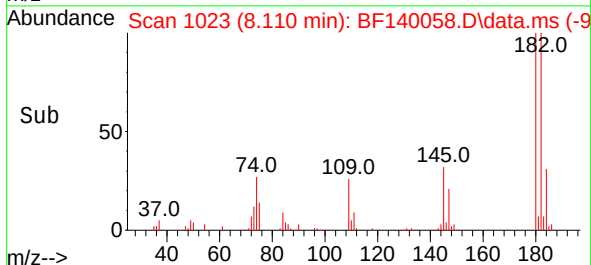
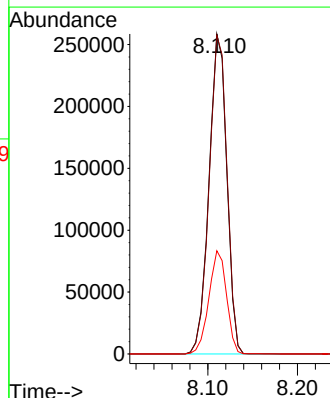
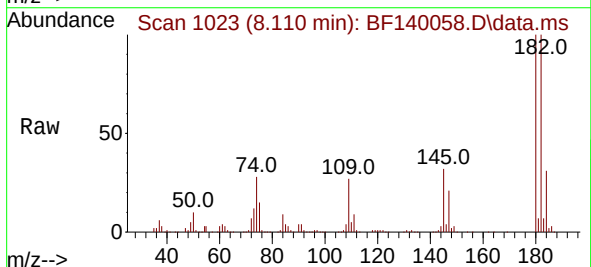
Tgt Ion:180 Resp: 355931

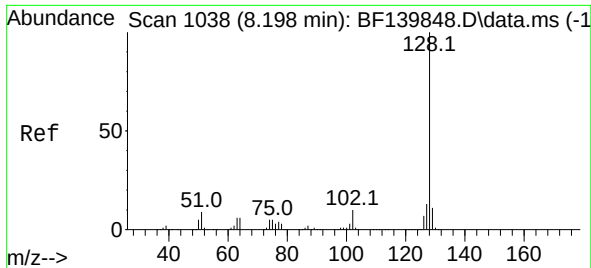
Ion Ratio Lower Upper

180 100

182 99.6 80.5 120.7

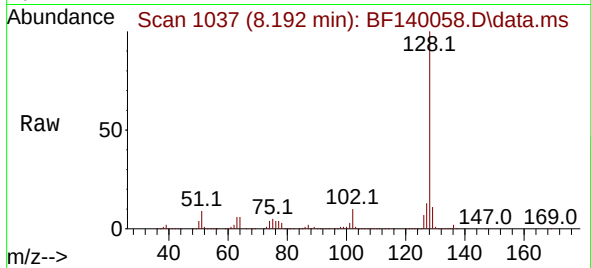
145 32.2 25.4 38.0





#31
Naphthalene
Concen: 41.180 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

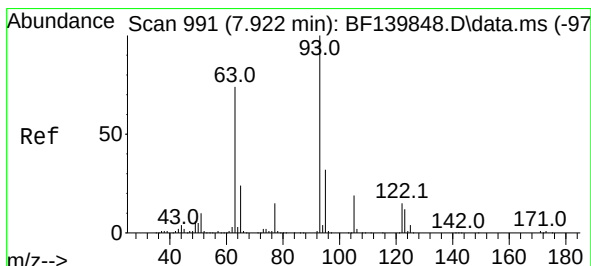
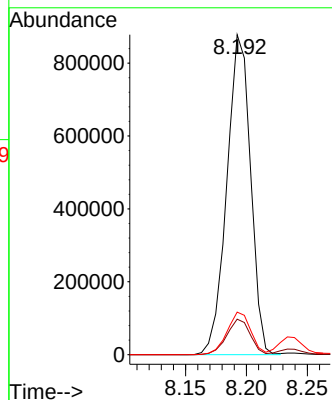
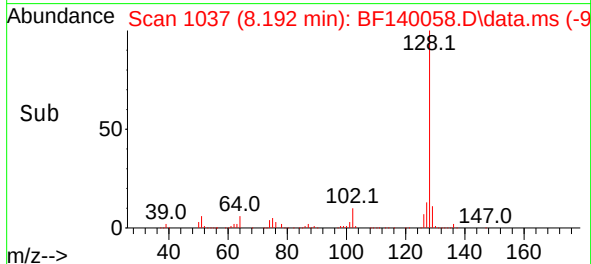
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



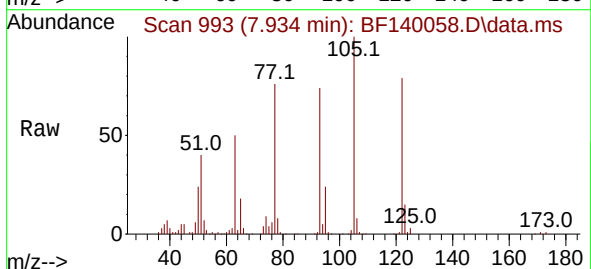
Tgt Ion:128 Resp: 1193530
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0

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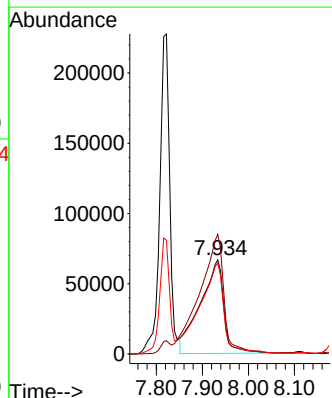
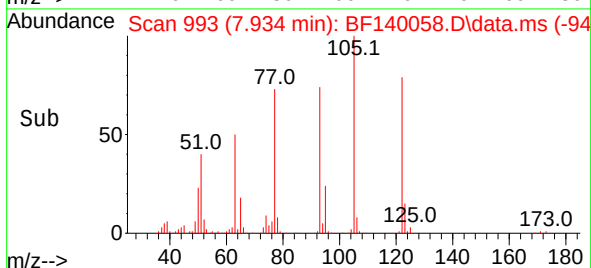
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

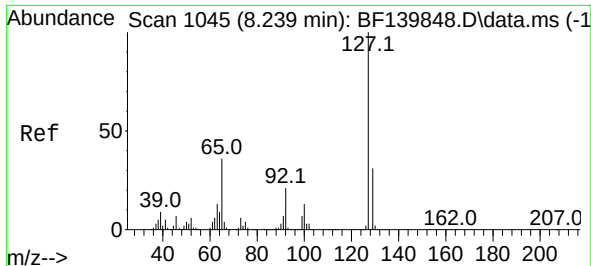


#32
Benzoic acid
Concen: 39.141 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



Tgt Ion:122 Resp: 238740
Ion Ratio Lower Upper
122 100
105 127.0 107.6 147.6
77 96.7 80.2 120.2





#33

4-Chloroaniline

Concen: 7.166 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion:127 Resp: 70818

Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 34.1 28.4 42.6

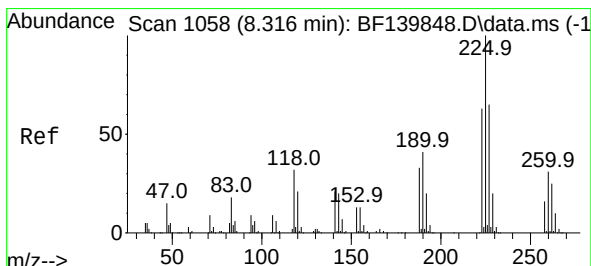
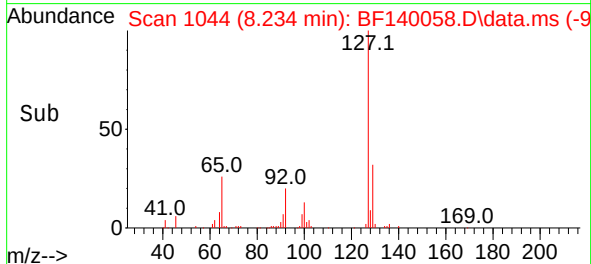
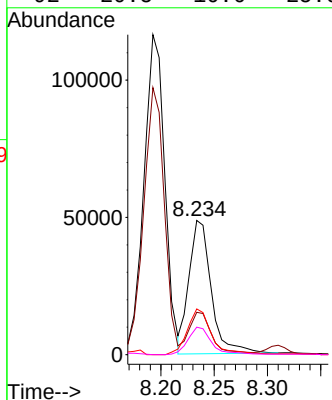
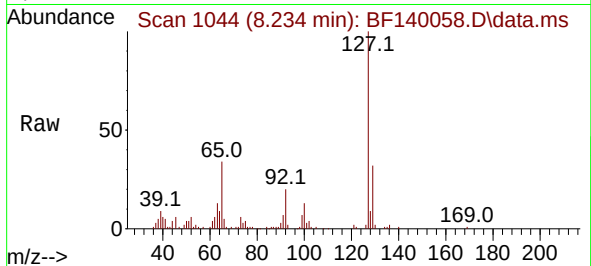
92 20.5 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#34

Hexachlorobutadiene

Concen: 42.839 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

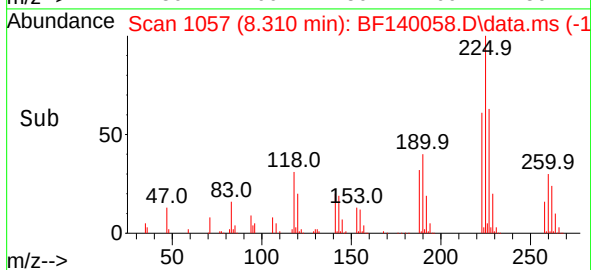
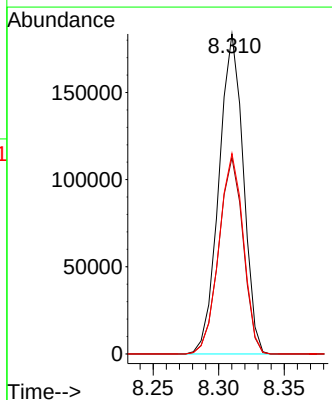
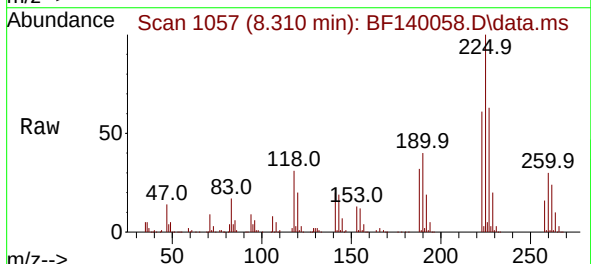
Tgt Ion:225 Resp: 237240

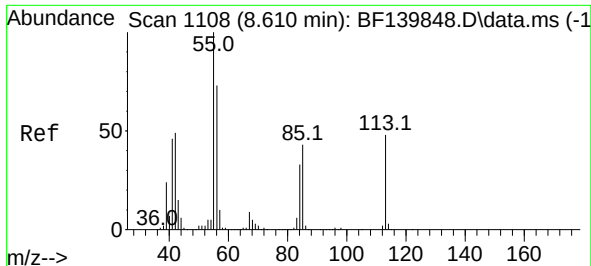
Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

227 62.6 51.8 77.8





#35

Caprolactam

Concen: 43.459 ng m

RT: 8.616 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

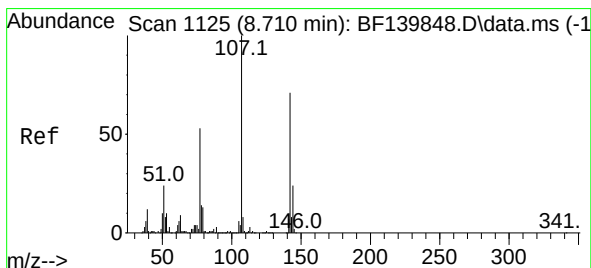
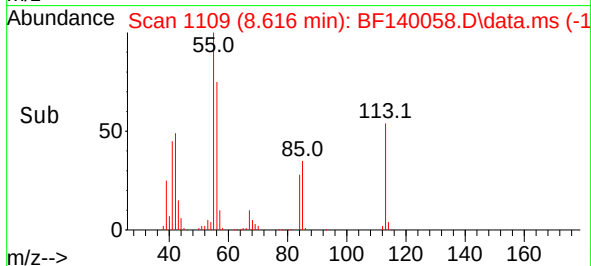
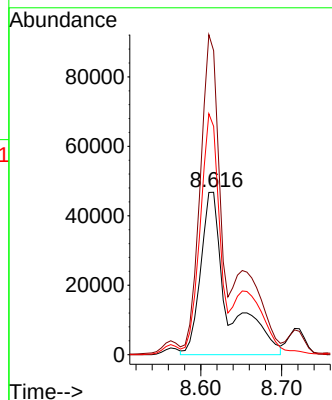
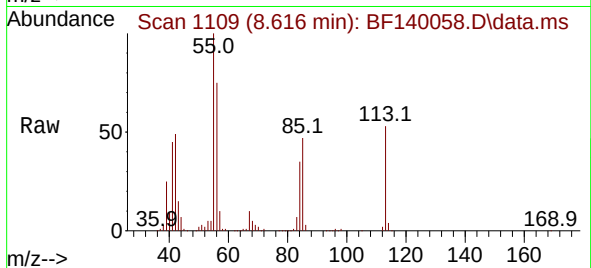
Tgt Ion:113 Resp: 110070
 Ion Ratio Lower Upper
 113 100
 55 187.2 189.2 229.2
 56 140.6 132.5 172.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#36

4-Chloro-3-methylphenol

Concen: 43.402 ng

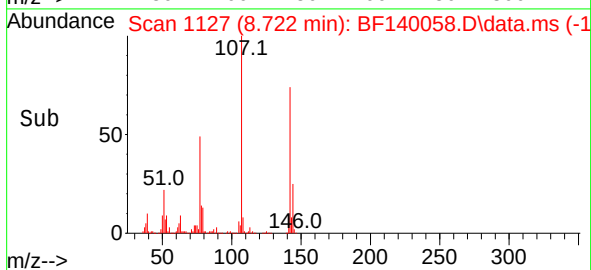
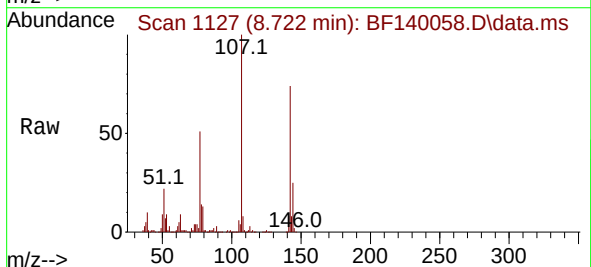
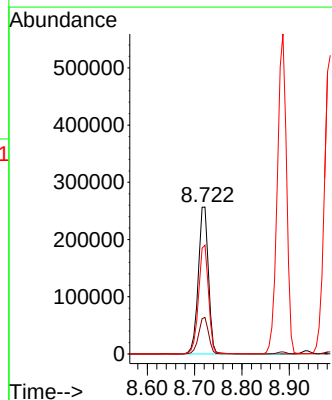
RT: 8.722 min Scan# 1127

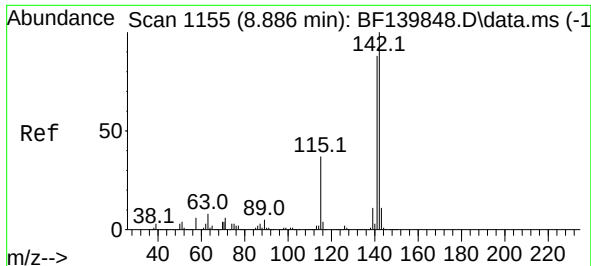
Delta R.T. 0.012 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Tgt Ion:107 Resp: 382812
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.1 28.7
 142 74.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 42.539 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion:142 Resp: 755092

Ion Ratio Lower Upper

142 100

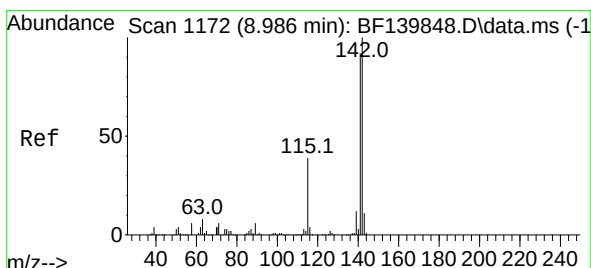
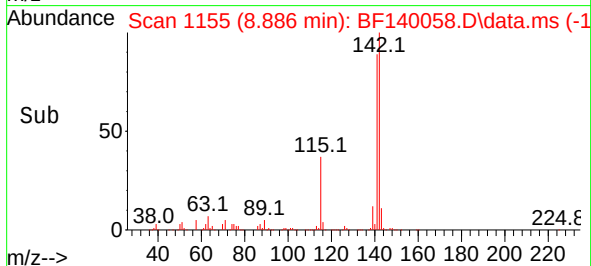
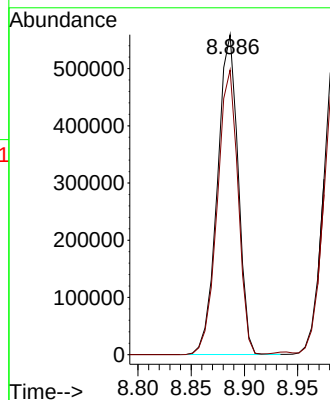
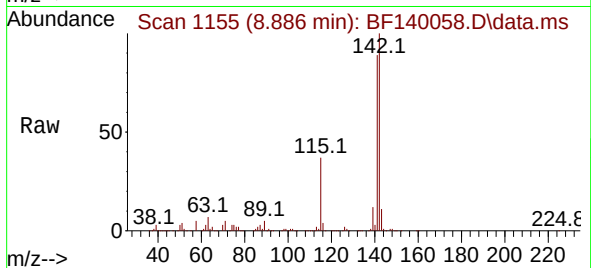
141 89.0 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#38

1-Methylnaphthalene

Concen: 40.837 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140058.D

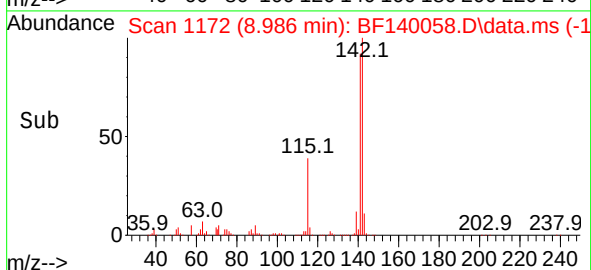
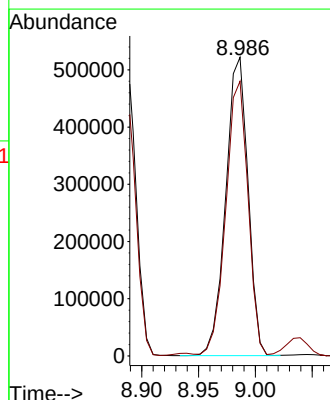
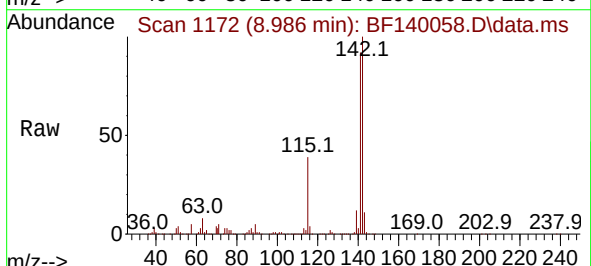
Acq: 26 Oct 2024 14:27

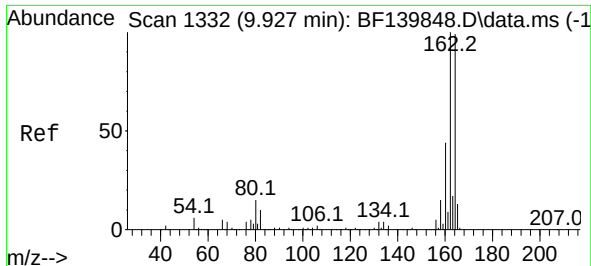
Tgt Ion:142 Resp: 711197

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140058.D

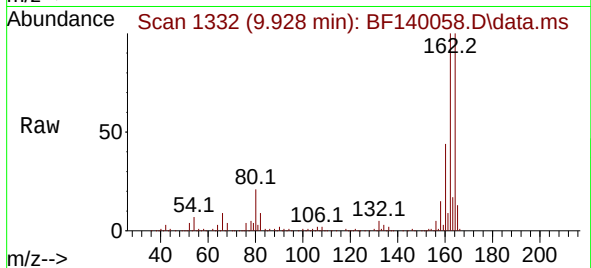
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



Tgt Ion:164 Resp: 322249

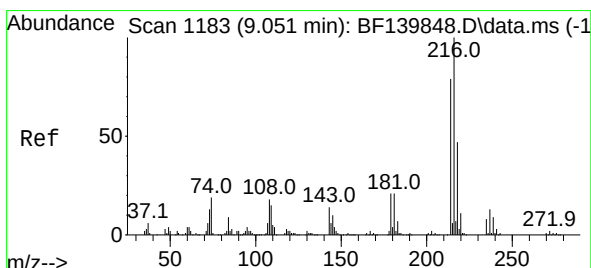
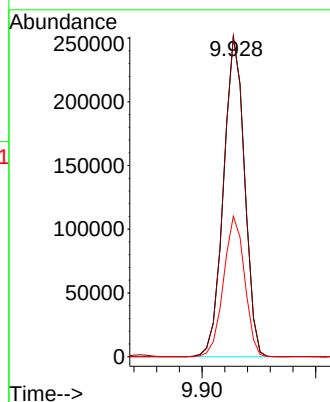
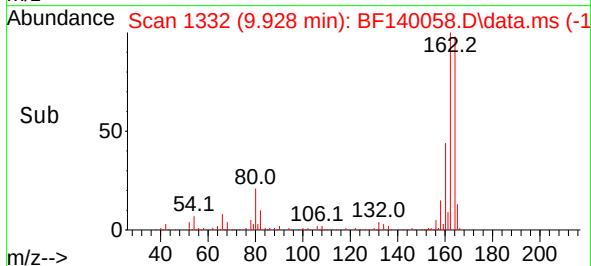
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.4
160	43.9	35.4	53.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.571 ng

RT: 9.051 min Scan# 1183

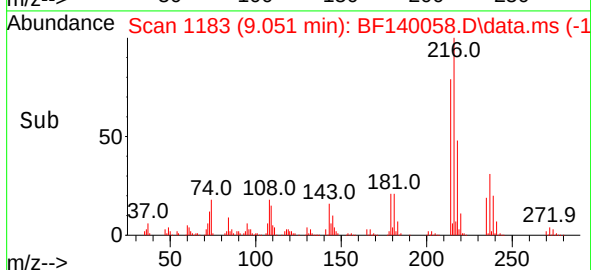
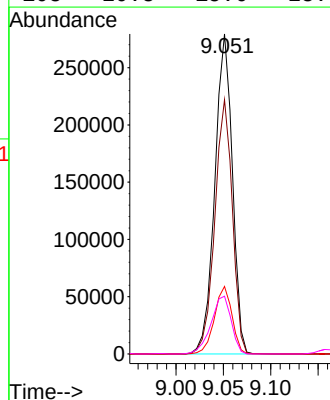
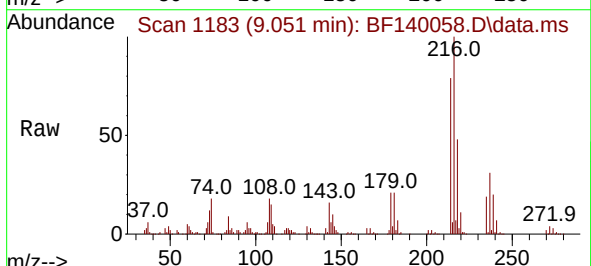
Delta R.T. 0.000 min

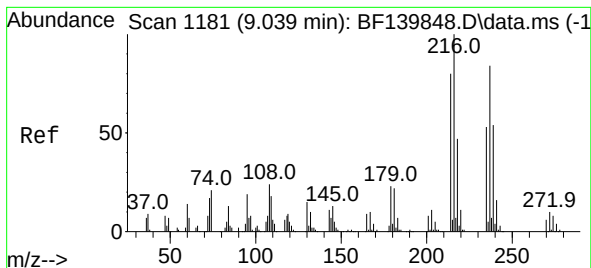
Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Tgt Ion:216 Resp: 361413

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	21.1	17.2	25.8
108	20.8	15.6	23.4





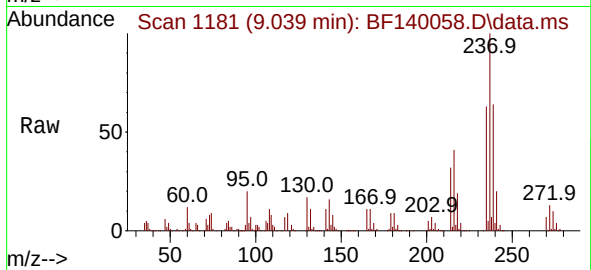
#41
Hexachlorocyclopentadiene
Concen: 132.972 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

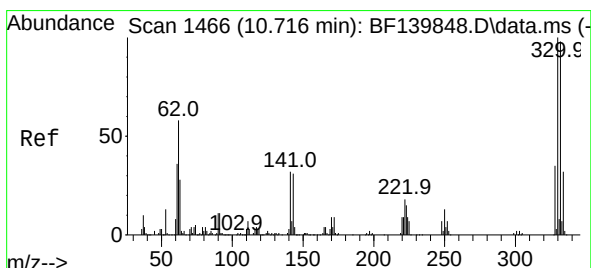
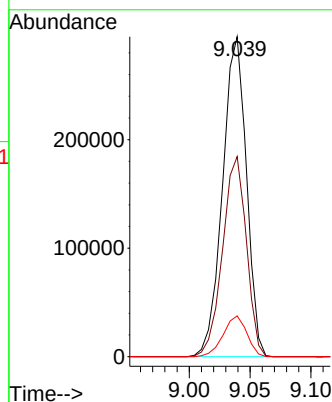
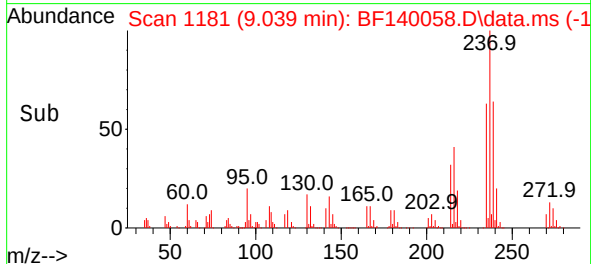


Tgt Ion:237 Resp: 402242
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 12.7 0.0 32.3

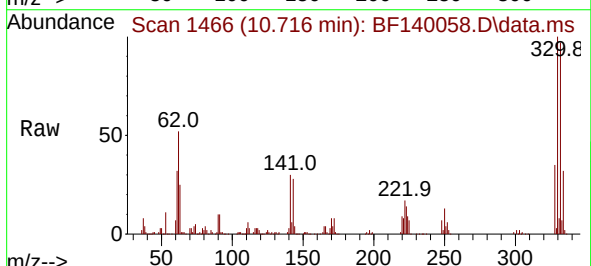
Manual Integrations

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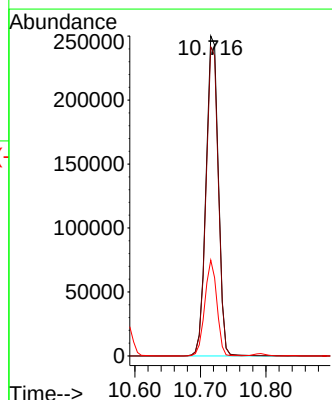
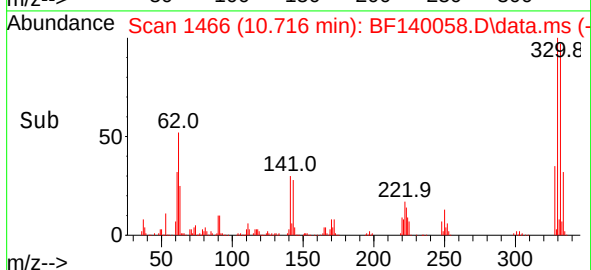
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

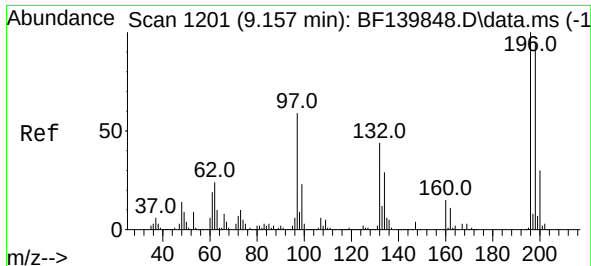


#42
2,4,6-Tribromophenol
Concen: 108.961 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



Tgt Ion:330 Resp: 328432
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 29.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 43.444 ng

RT: 9.163 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF140058.D

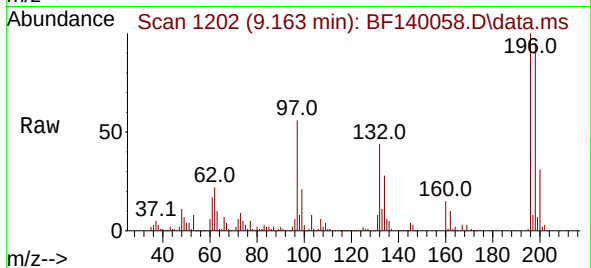
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



Tgt Ion:196 Resp: 267400

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.2

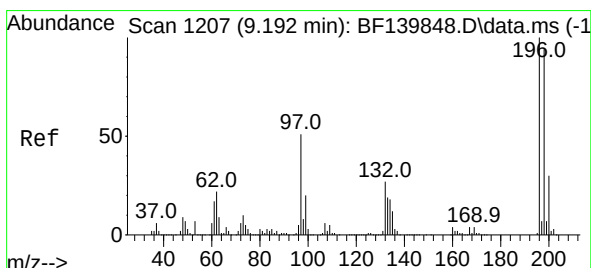
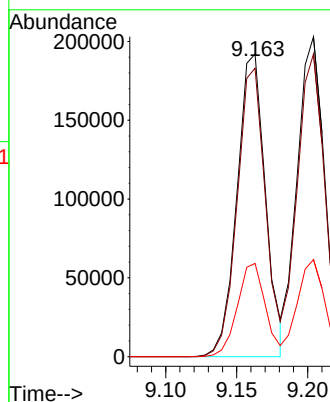
200 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#44

2,4,5-Trichlorophenol

Concen: 42.729 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Tgt Ion:196 Resp: 271347

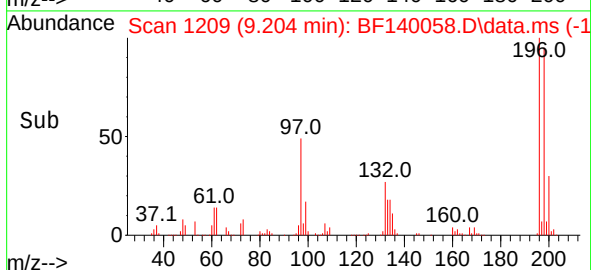
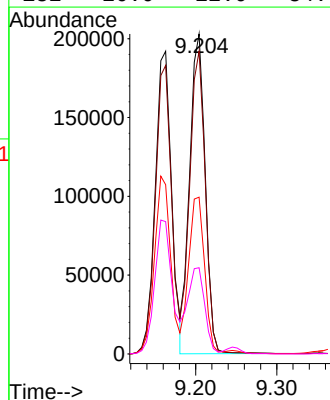
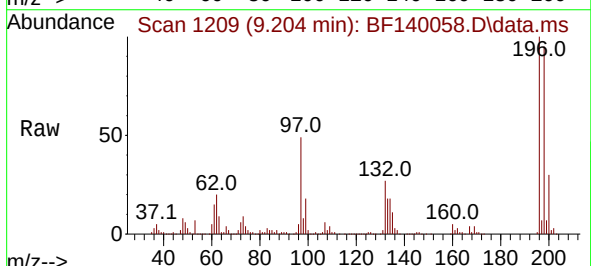
Ion Ratio Lower Upper

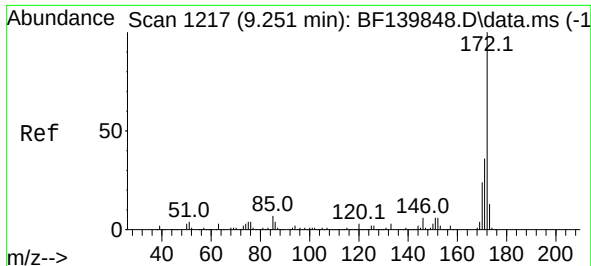
196 100

198 94.6 75.8 113.6

97 49.0 41.8 62.6

132 26.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 61.554 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion:172 Resp: 120020

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

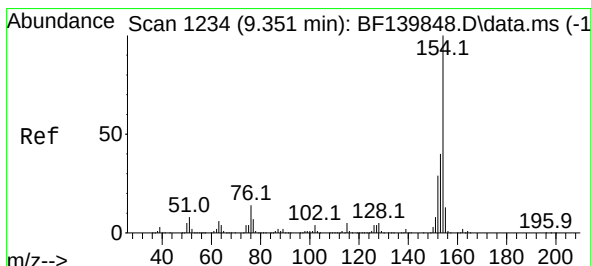
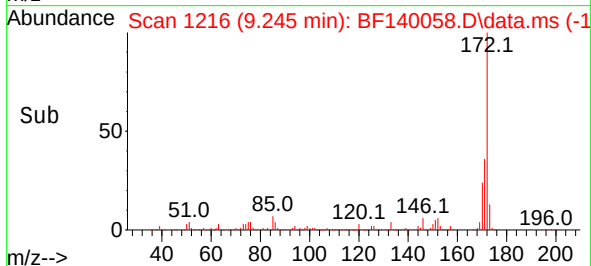
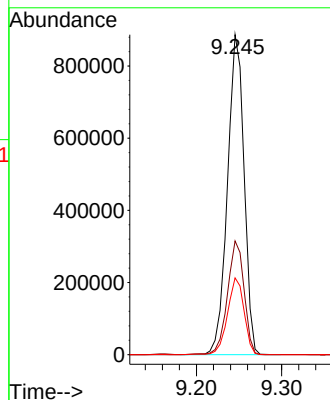
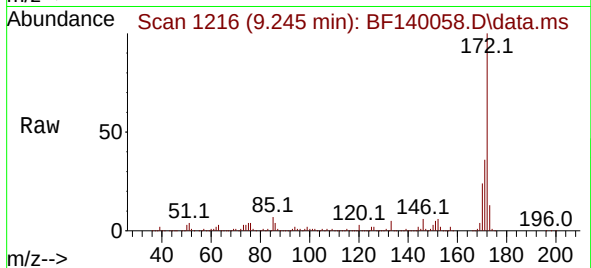
170 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#46

1,1'-Biphenyl

Concen: 41.198 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

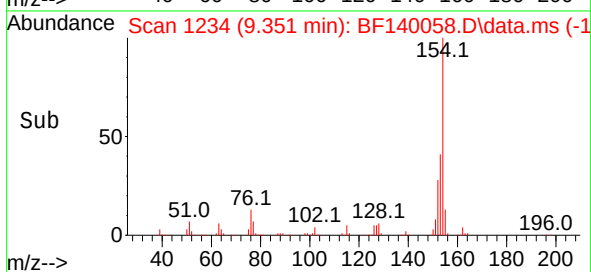
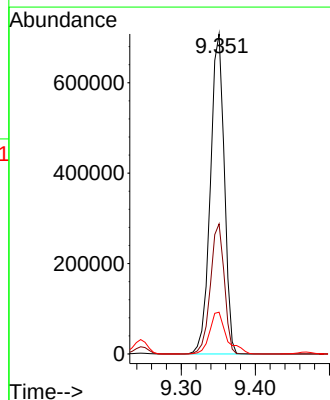
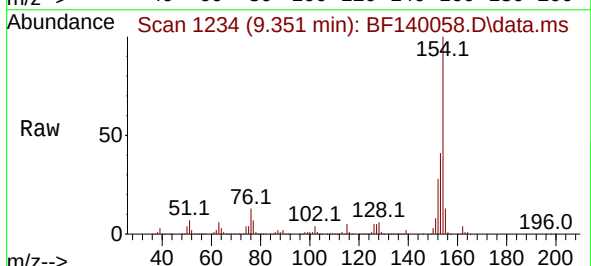
Tgt Ion:154 Resp: 924197

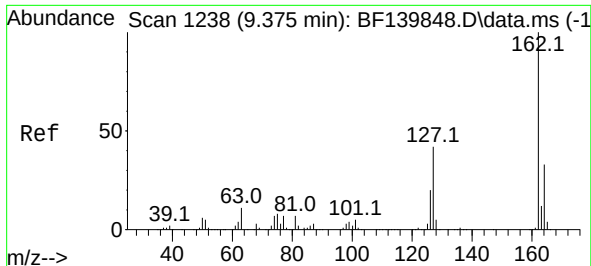
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.811 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140058.D

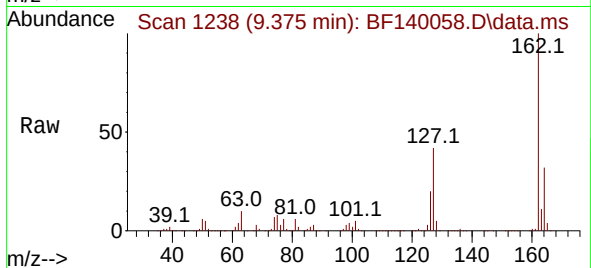
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



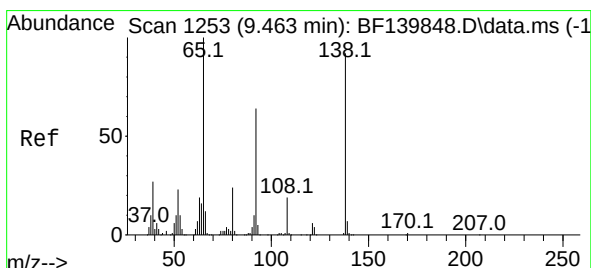
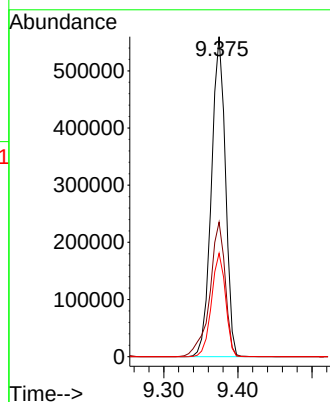
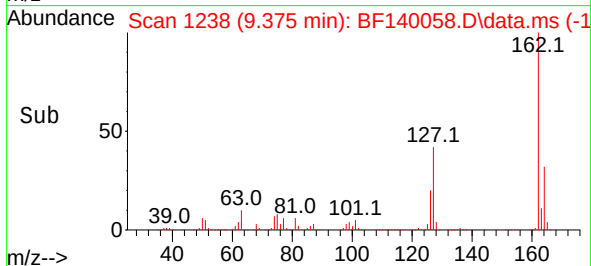
Tgt Ion:	162	Resp:	73737
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.8	50.6
164	32.3	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#48

2-Nitroaniline

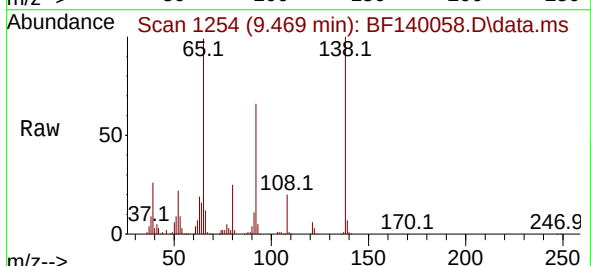
Concen: 45.748 ng

RT: 9.469 min Scan# 1254

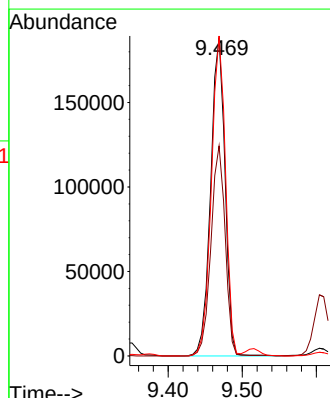
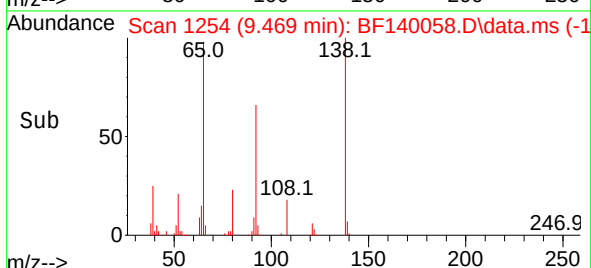
Delta R.T. 0.006 min

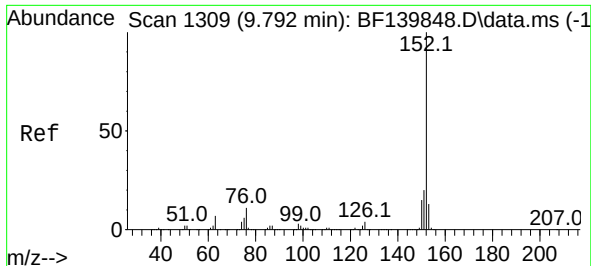
Lab File: BF140058.D

Acq: 26 Oct 2024 14:27



Tgt Ion:	65	Resp:	252803
Ion Ratio	Lower	Upper	
65	100		
92	66.0	50.9	76.3
138	100.5	73.4	110.0





#49

Acenaphthylene

Concen: 44.248 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF140058.D

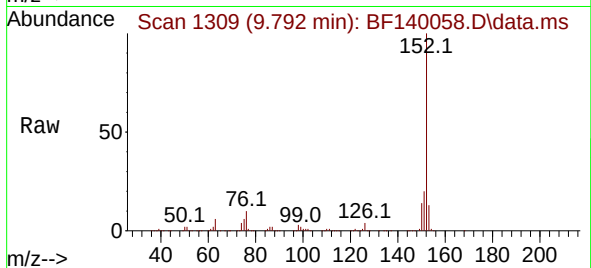
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



Tgt Ion:152 Resp: 115579

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

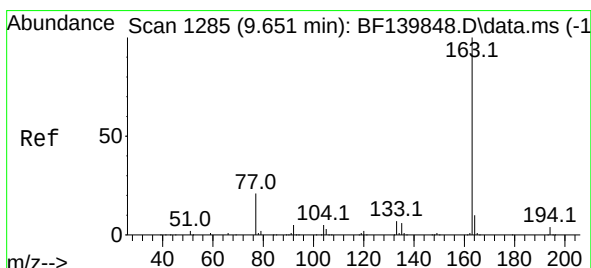
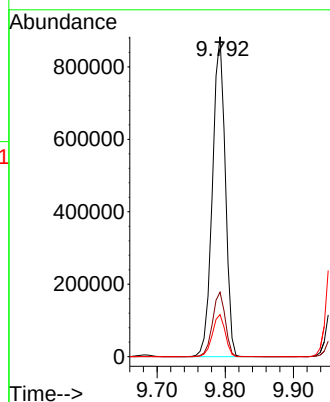
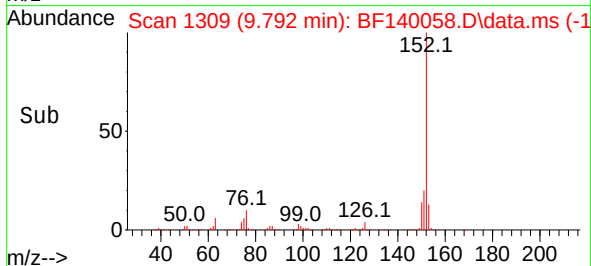
153 13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#50

Dimethylphthalate

Concen: 43.136 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

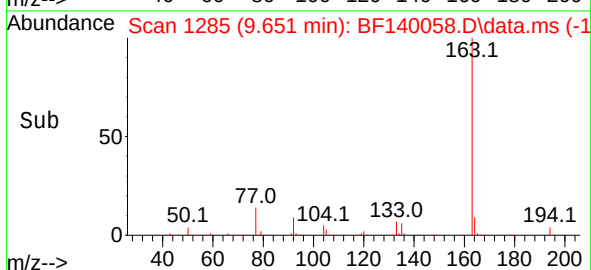
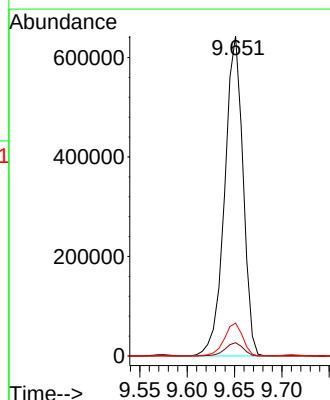
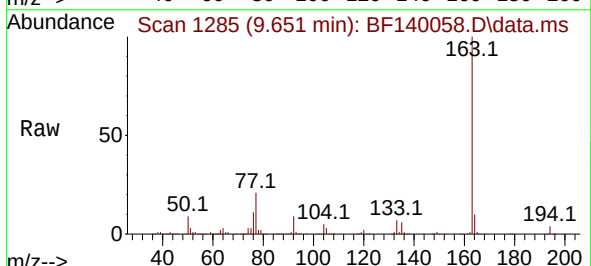
Tgt Ion:163 Resp: 865826

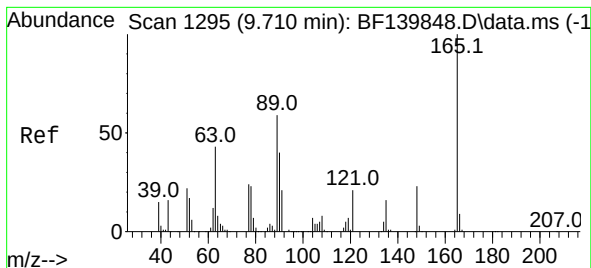
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.2 12.2





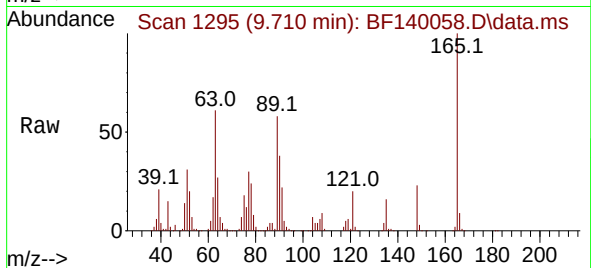
#51
2,6-Dinitrotoluene
Concen: 44.296 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

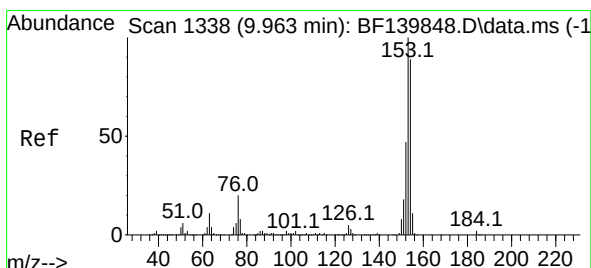
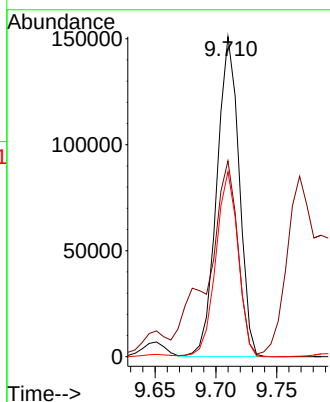
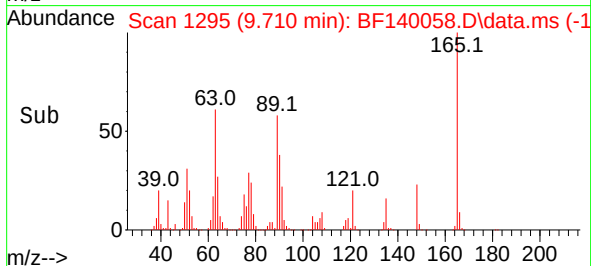


Tgt Ion:165 Resp: 19251
Ion Ratio Lower Upper
165 100
63 61.2 50.6 75.8
89 57.8 47.5 71.3

Manual Integrations

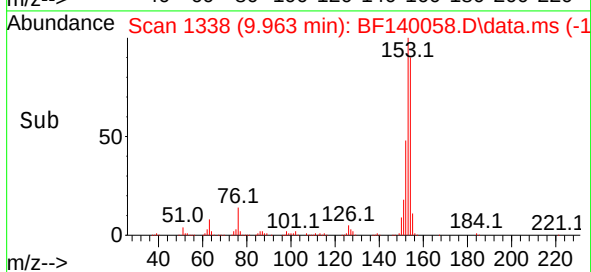
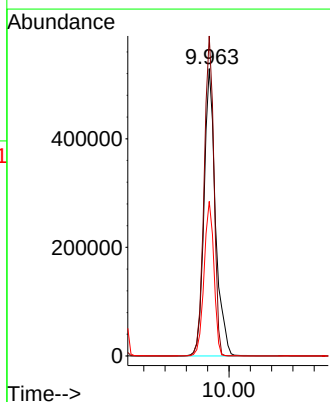
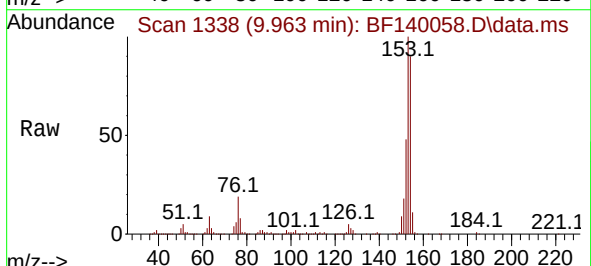
APPROVED

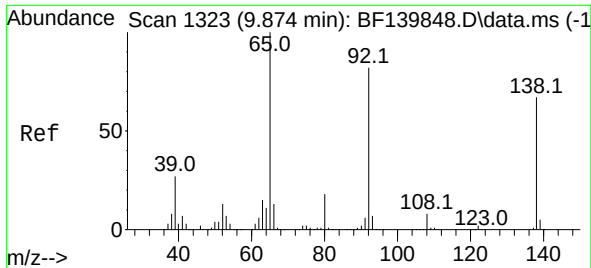
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#52
Acenaphthene
Concen: 46.861 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:154 Resp: 791831
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.6
152 53.8 42.4 63.6





#53

3-Nitroaniline

Concen: 19.591 ng

RT: 9.875 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

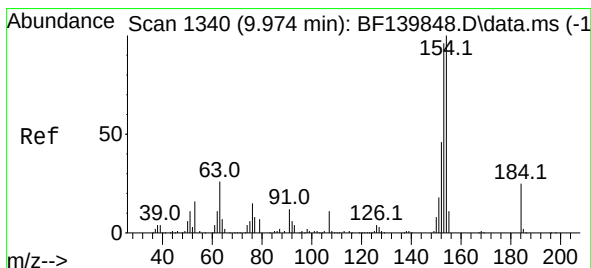
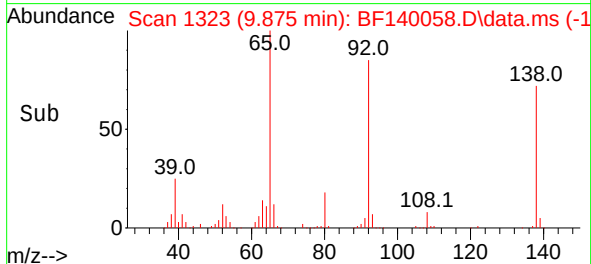
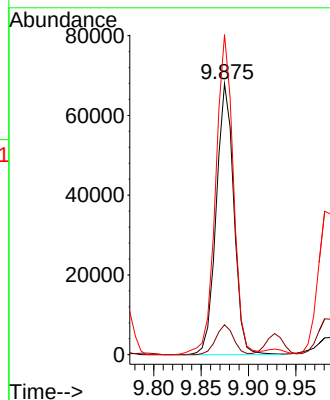
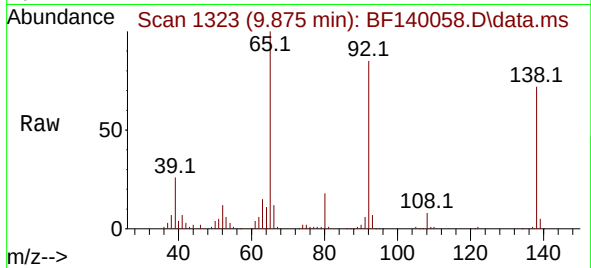
Tgt Ion:138 Resp: 87809
 Ion Ratio Lower Upper
 138 100
 108 11.0 10.2 15.2
 92 118.1 98.3 147.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#54

2,4-Dinitrophenol

Concen: 103.509 ng

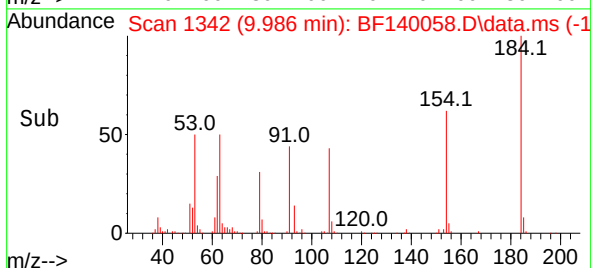
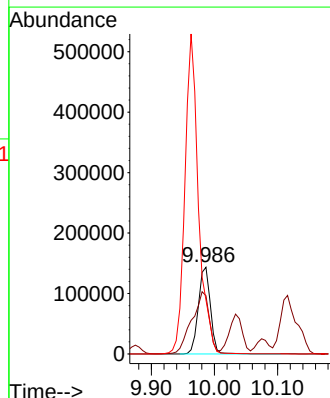
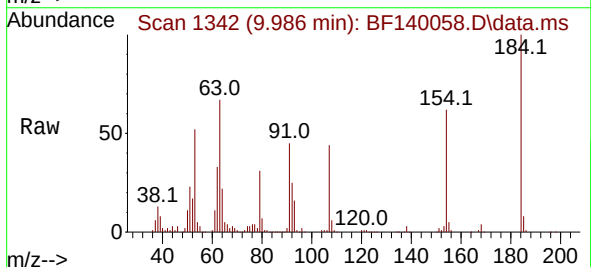
RT: 9.986 min Scan# 1342

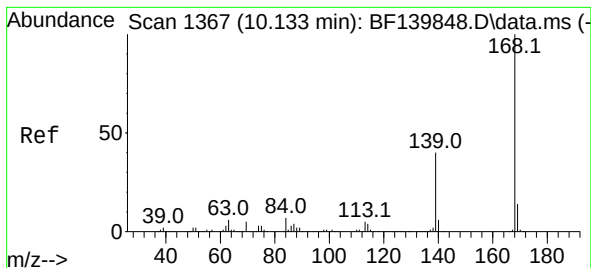
Delta R.T. 0.012 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Tgt Ion:184 Resp: 190676
 Ion Ratio Lower Upper
 184 100
 63 67.2 84.7 127.1#
 154 62.4 338.2 507.2#





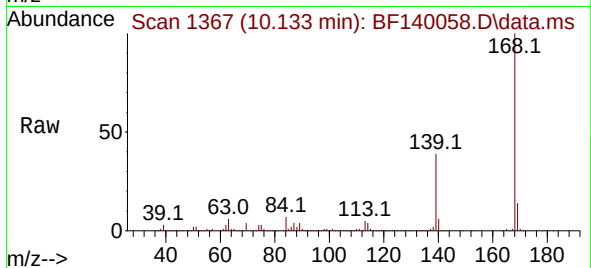
#55
Dibenzenofuran
Concen: 42.255 ng
RT: 10.133 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



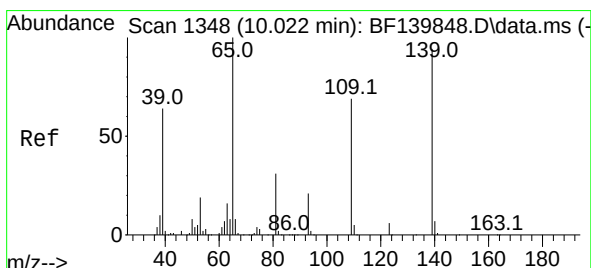
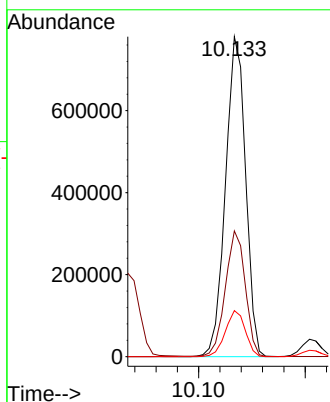
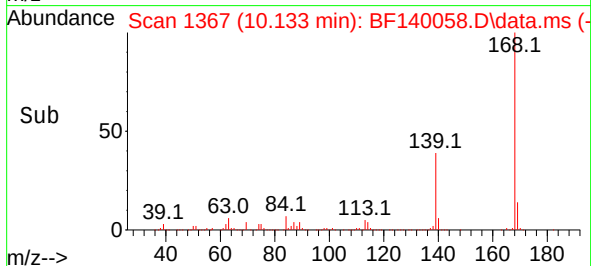
Tgt Ion:168 Resp: 102443
Ion Ratio Lower Upper
168 100
139 39.3 31.8 47.6
169 14.4 11.6 17.4

Manual Integrations

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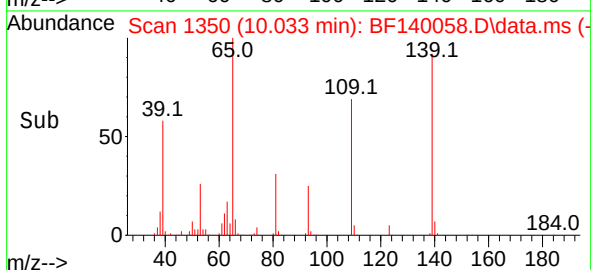
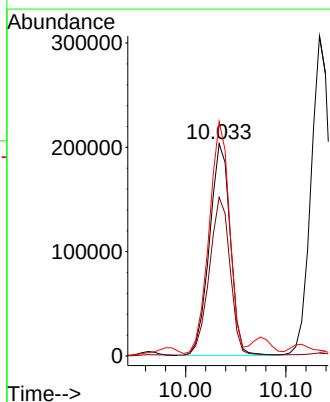
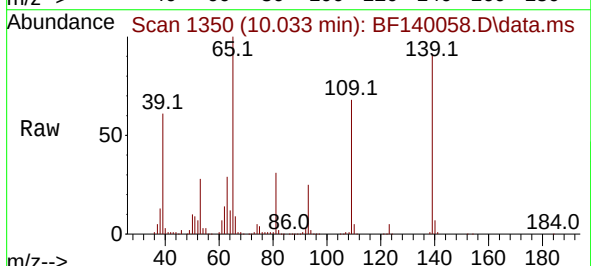
Reviewed By :Yogesh Patel 10/29/2024

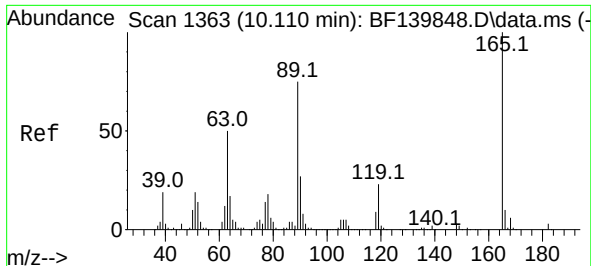
Supervised By :mohammad ahmed 10/29/2024



#56
4-Nitrophenol
Concen: 85.441 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:139 Resp: 294610
Ion Ratio Lower Upper
139 100
109 74.8 53.6 93.6
65 110.4 87.8 127.8





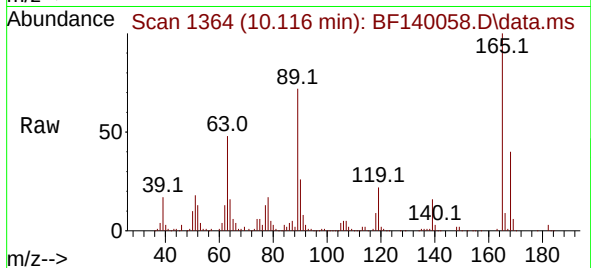
#57
2,4-Dinitrotoluene
Concen: 48.522 ng
RT: 10.116 min Scan# 14058
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



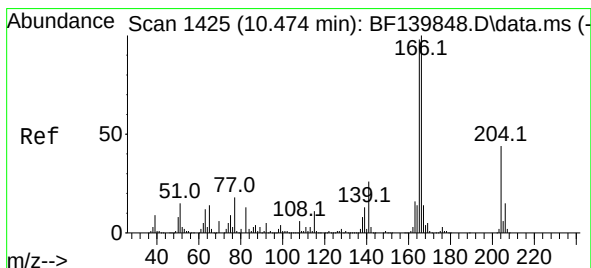
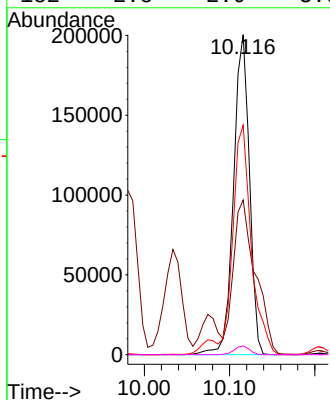
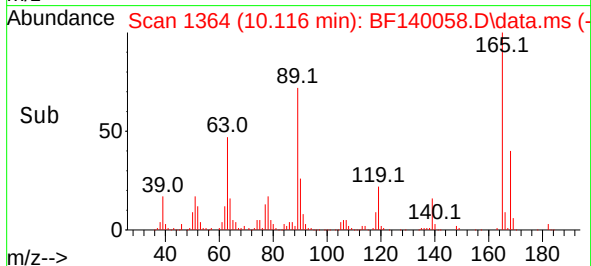
Tgt Ion:165 Resp: 259324
Ion Ratio Lower Upper
165 100
63 48.4 40.1 60.1
89 71.7 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

APPROVED

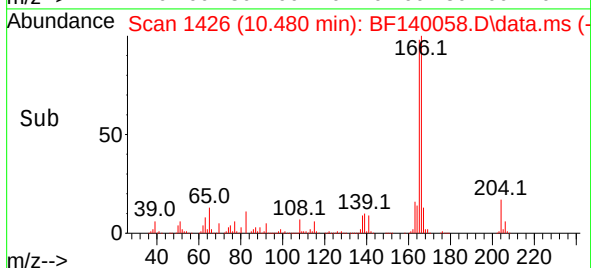
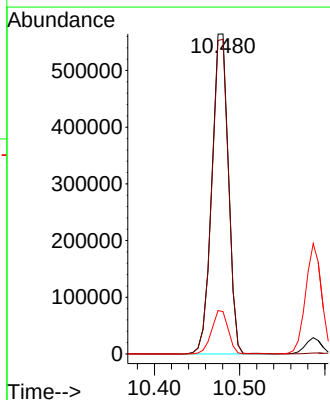
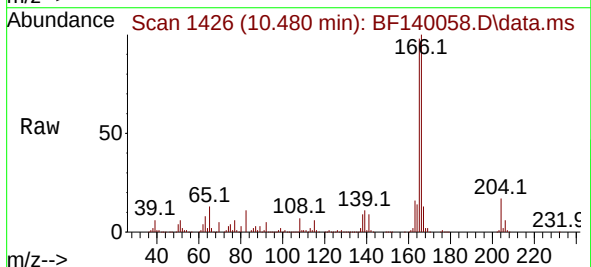
Reviewed By :Yogesh Patel 10/29/2024

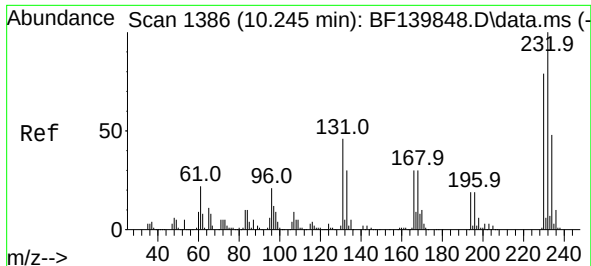
Supervised By :mohammad ahmed 10/29/2024



#58
Fluorene
Concen: 41.351 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

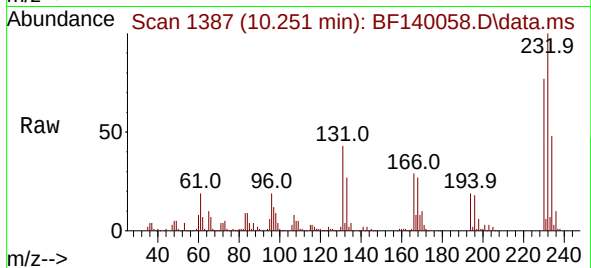
Tgt Ion:166 Resp: 763576
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.654 ng
RT: 10.251 min Scan# 140058.D
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

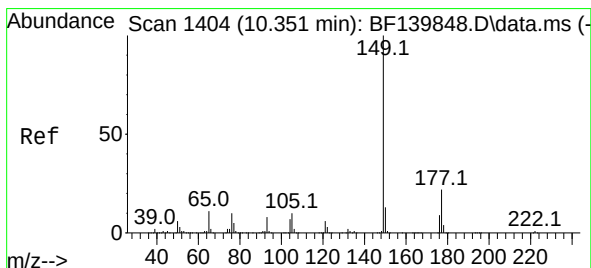
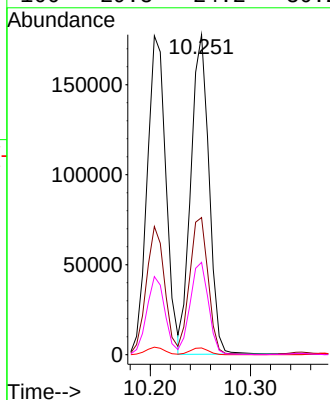
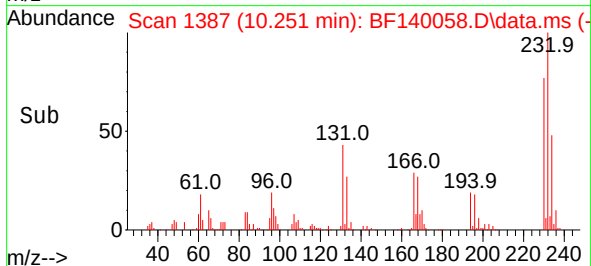
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



Tgt Ion:232 Resp: 22230
Ion Ratio Lower Upper
232 100
131 44.0 37.0 55.6
130 2.1 1.9 2.9
166 29.3 24.2 36.2

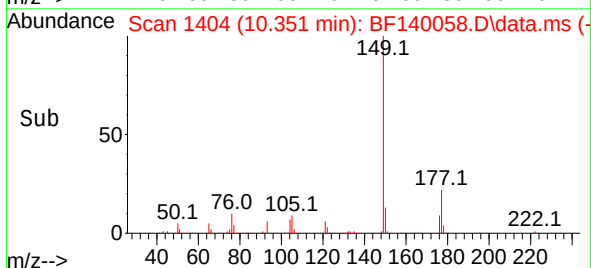
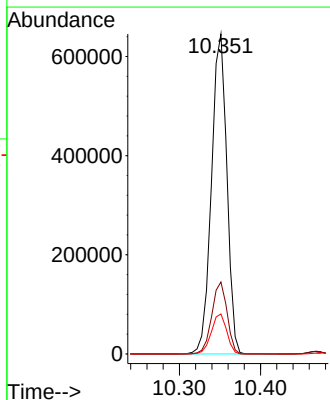
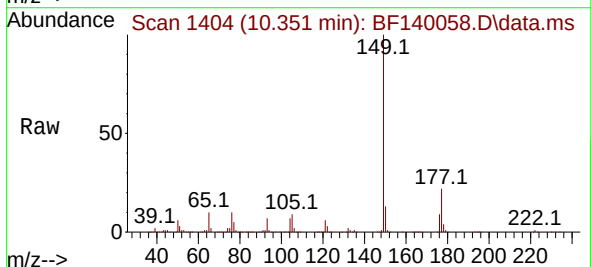
Manual Integrations
APPROVED

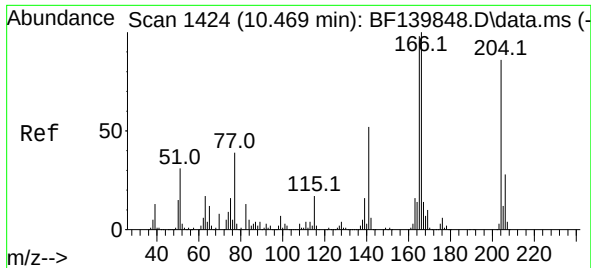
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#60
Diethylphthalate
Concen: 43.073 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

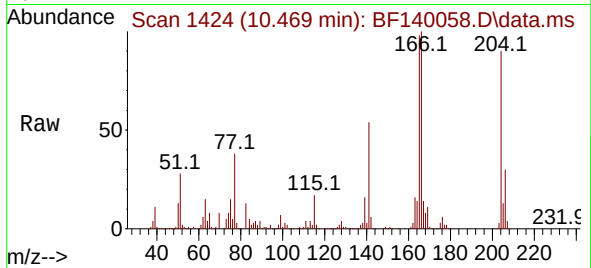
Tgt Ion:149 Resp: 848877
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.266 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

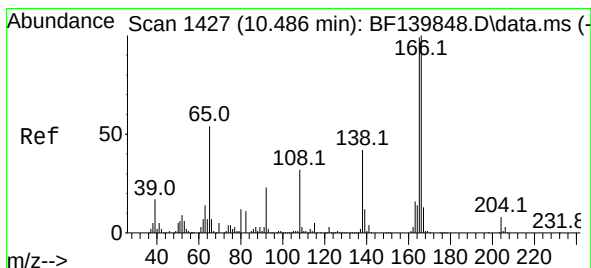
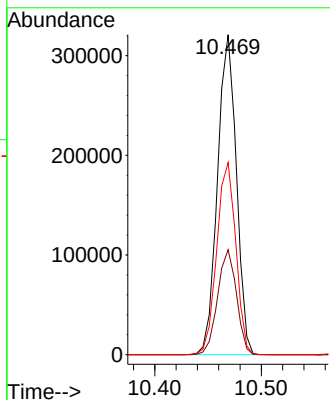
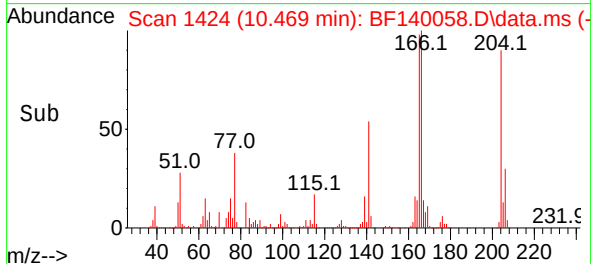
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



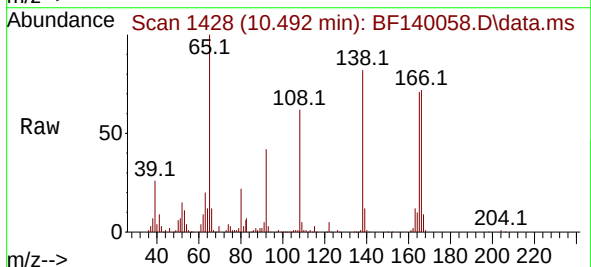
Tgt Ion:204 Resp: 39413
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 60.1 48.6 73.0

Manual Integrations
APPROVED

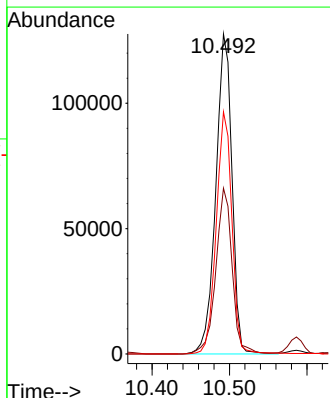
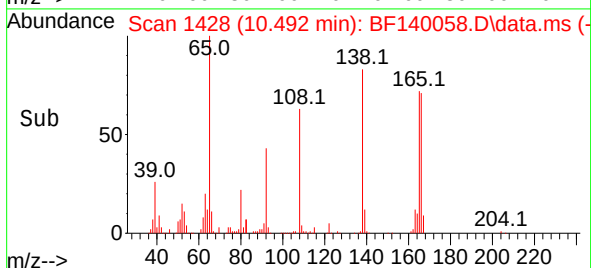
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

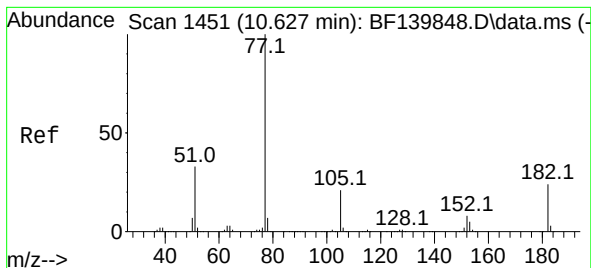


#62
4-Nitroaniline
Concen: 43.866 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



Tgt Ion:138 Resp: 185680
Ion Ratio Lower Upper
138 100
92 51.8 35.7 75.7
108 75.7 57.5 97.5





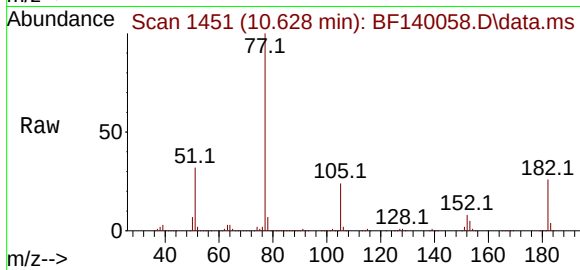
#63
Azobenzene
Concen: 45.157 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

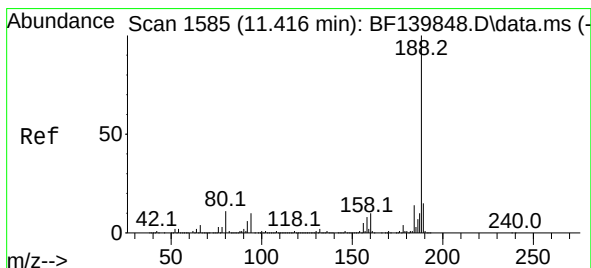
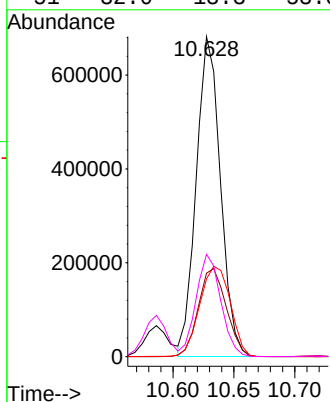
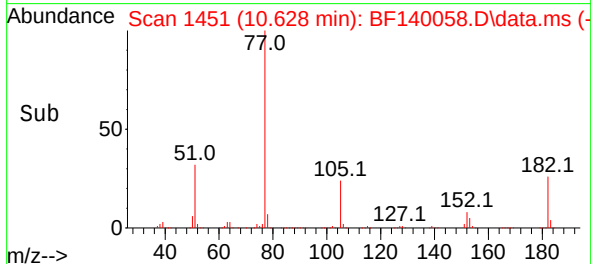


Tgt Ion: 77 Resp: 943502
Ion Ratio Lower Upper
77 100
182 26.1 3.3 43.3
105 24.3 1.2 41.2
51 32.0 13.3 53.3

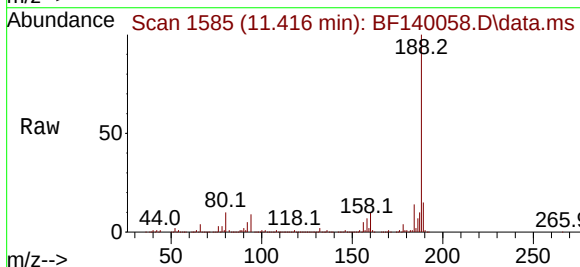
Manual Integrations

APPROVED

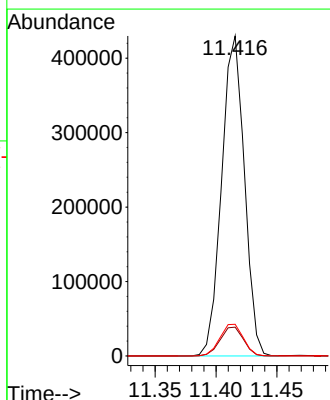
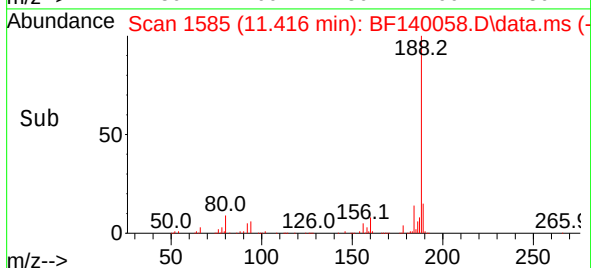
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

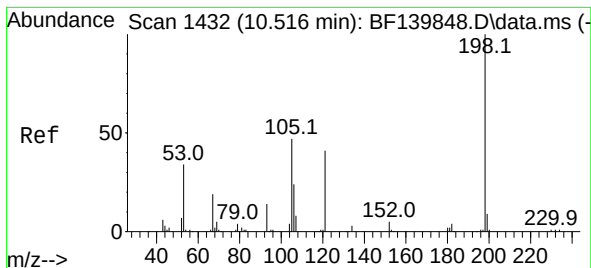


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



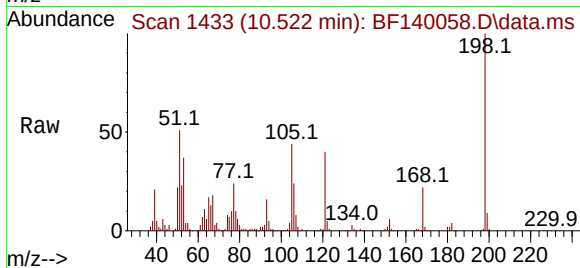
Tgt Ion:188 Resp: 559748
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.9 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 58.529 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

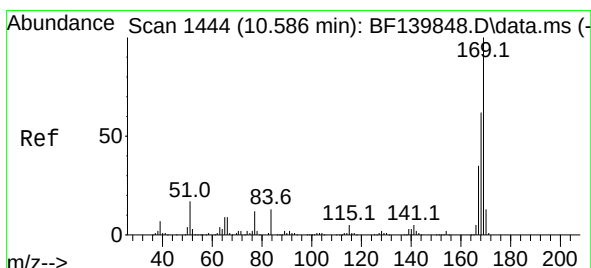
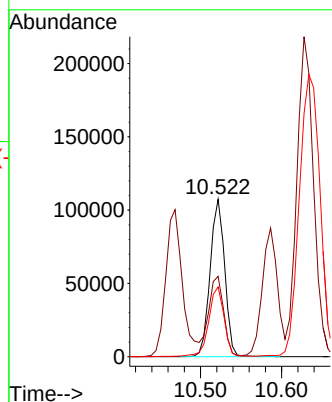
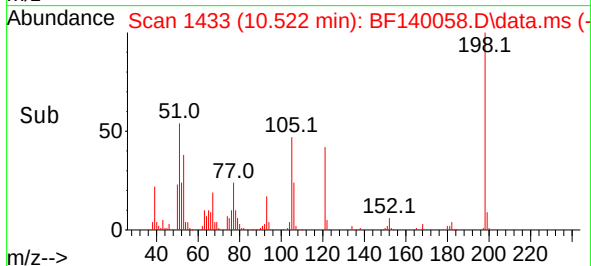
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



Tgt Ion:198 Resp: 133632
Ion Ratio Lower Upper
198 100
51 51.1 38.2 78.2
105 44.3 27.9 67.9

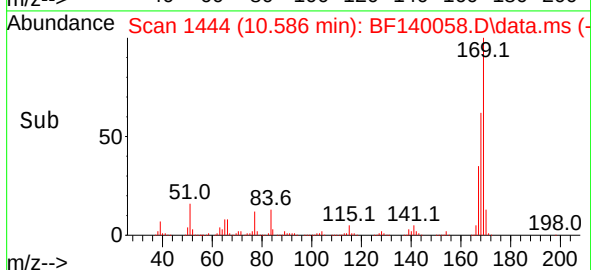
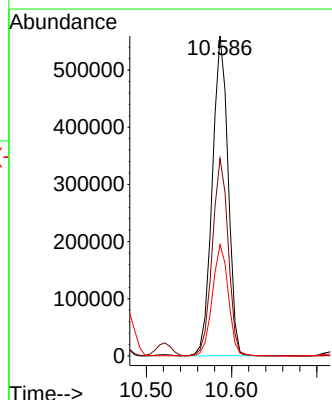
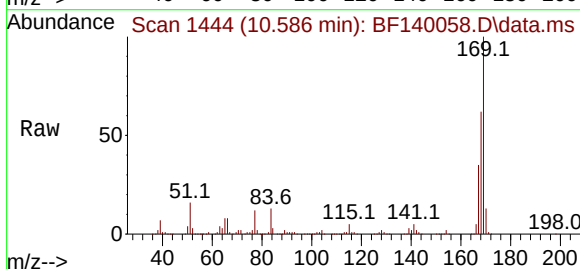
Manual Integrations
APPROVED

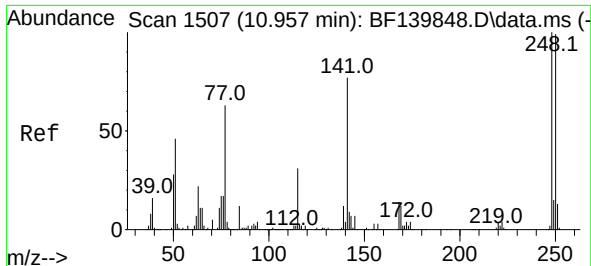
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#66
n-Nitrosodiphenylamine
Concen: 42.931 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:169 Resp: 719231
Ion Ratio Lower Upper
169 100
168 61.7 49.8 74.6
167 34.8 28.0 42.0





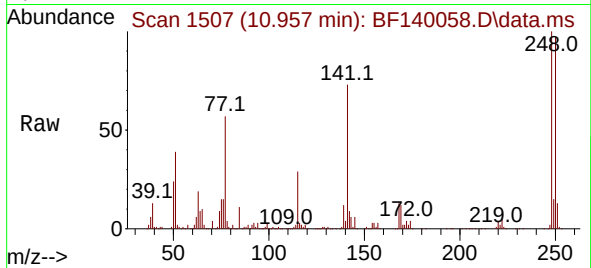
#67
4-Bromophenyl-phenylether
Concen: 44.297 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



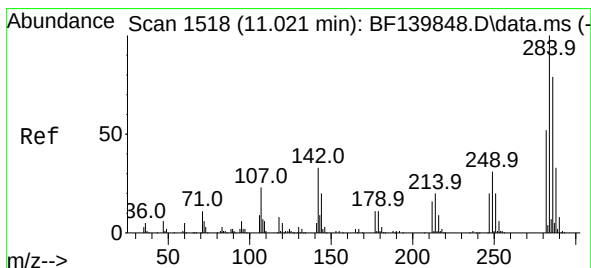
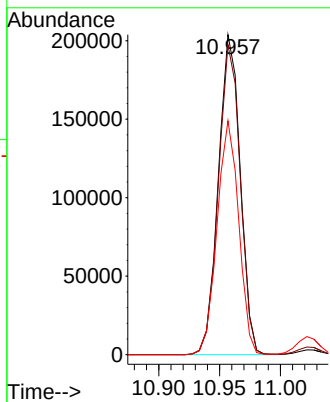
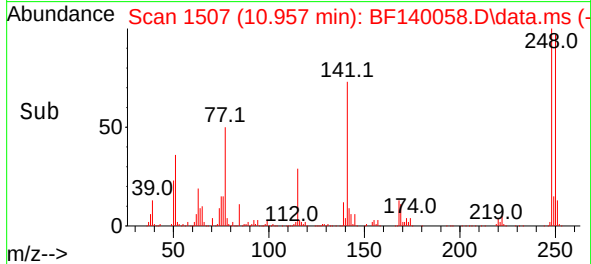
Tgt Ion:248 Resp: 255438
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.6
141 73.1 61.7 92.5

Manual Integrations

APPROVED

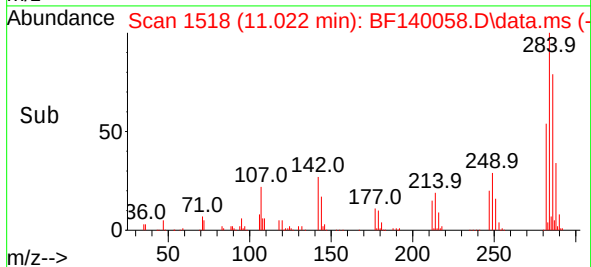
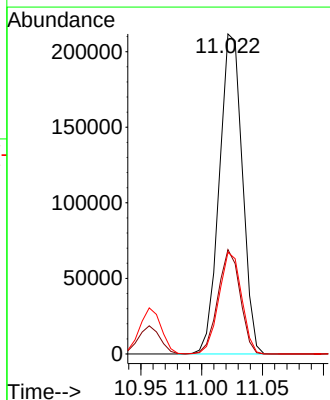
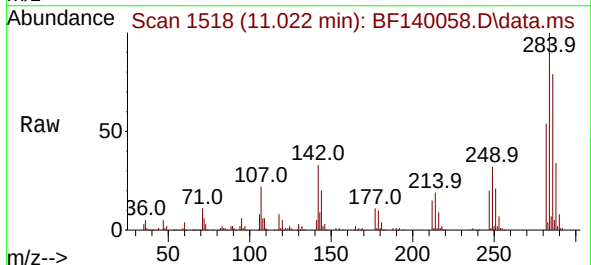
Reviewed By :Yogesh Patel 10/29/2024

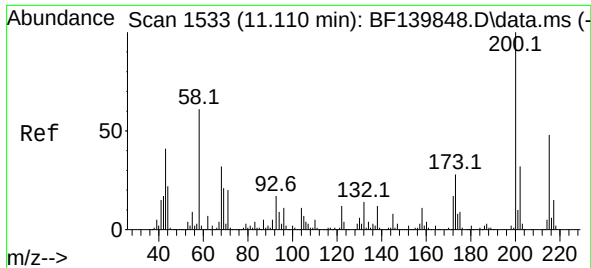
Supervised By :mohammad ahmed 10/29/2024



#68
Hexachlorobenzene
Concen: 42.971 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:284 Resp: 278683
Ion Ratio Lower Upper
284 100
142 32.6 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 51.736 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

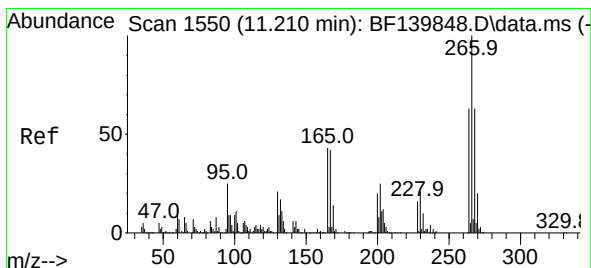
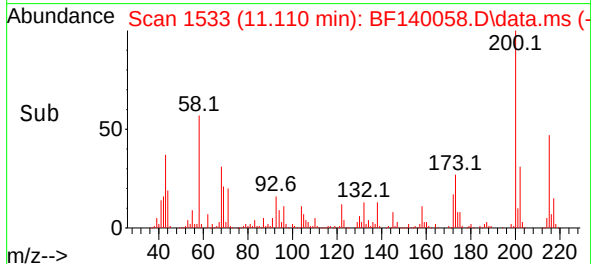
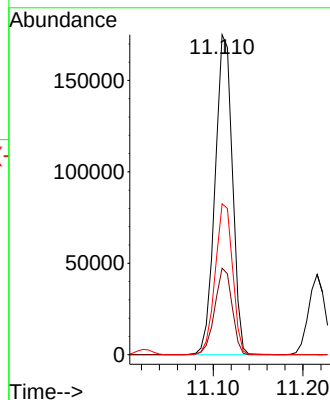
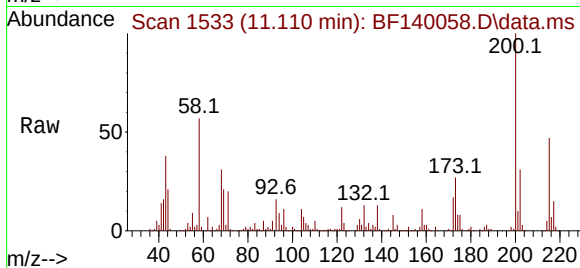
Tgt Ion:200 Resp: 234789
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.7 47.7
 215 47.2 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#70

Pentachlorophenol

Concen: 81.104 ng

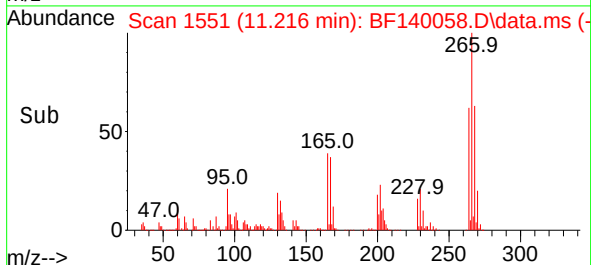
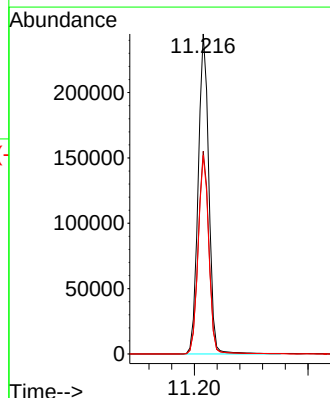
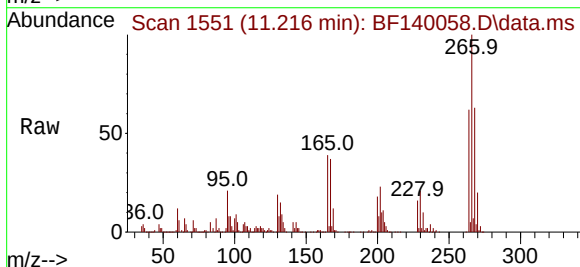
RT: 11.216 min Scan# 1551

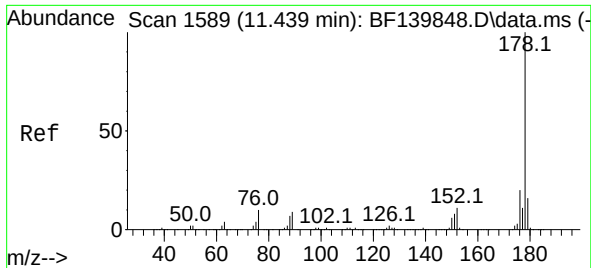
Delta R.T. 0.006 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

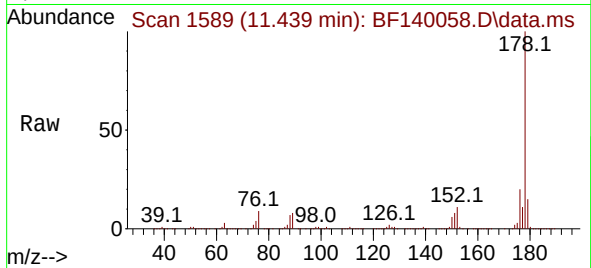
Tgt Ion:266 Resp: 319223
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.4 75.6
 264 62.1 50.6 75.8





#71
Phenanthrene
Concen: 41.903 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

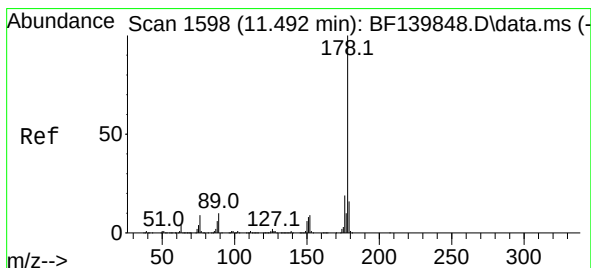
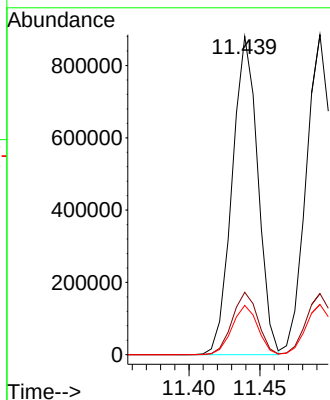
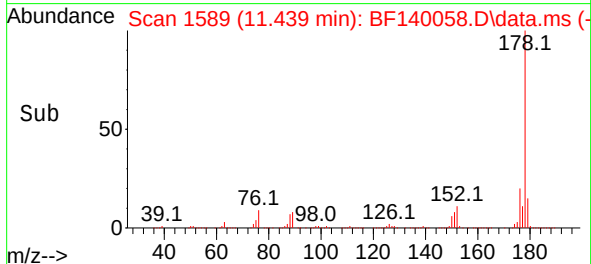
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



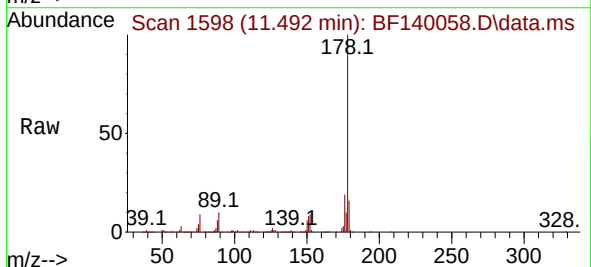
Tgt Ion:178 Resp: 1107932
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.5 12.6 18.8

Manual Integrations
APPROVED

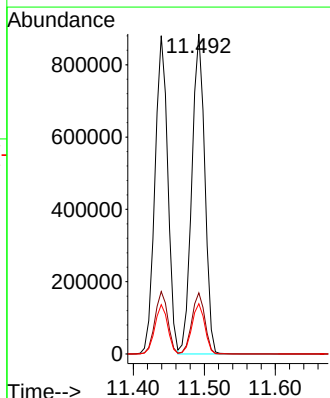
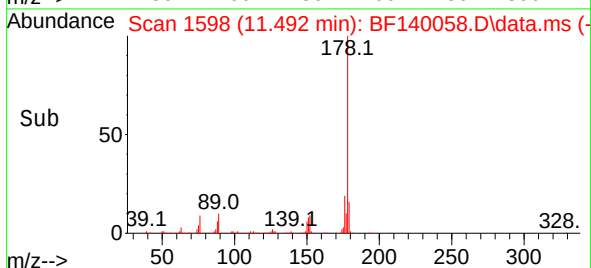
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

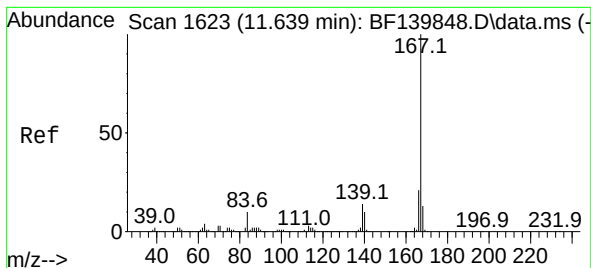


#72
Anthracene
Concen: 43.530 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



Tgt Ion:178 Resp: 1122946
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 39.568 ng

RT: 11.645 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF140058.D

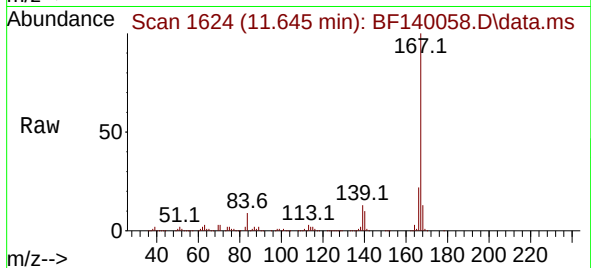
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



Tgt Ion:167 Resp: 949310

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

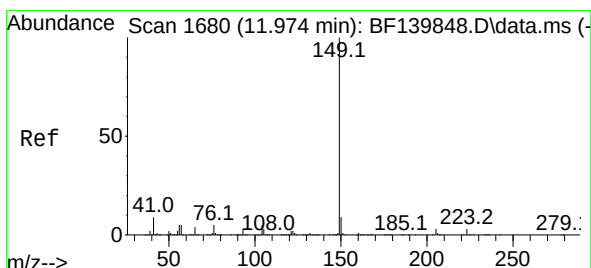
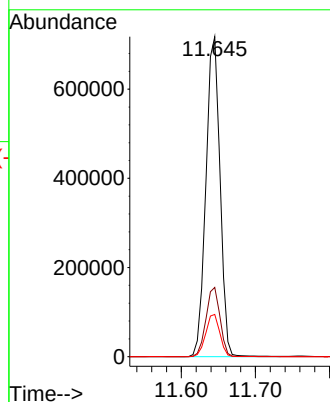
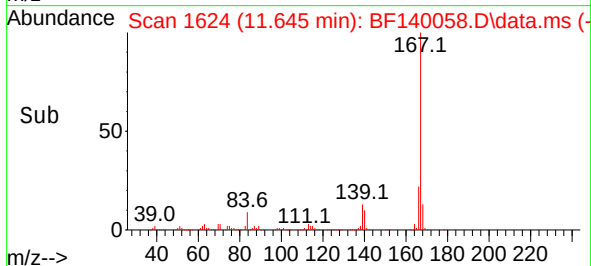
139 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#74

Di-n-butylphthalate

Concen: 44.411 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

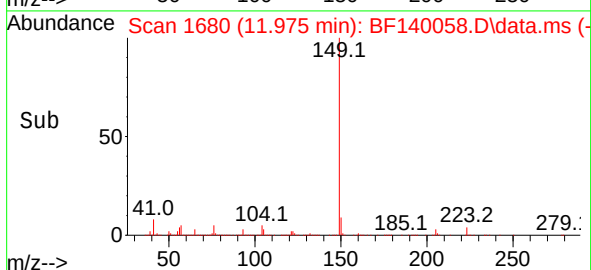
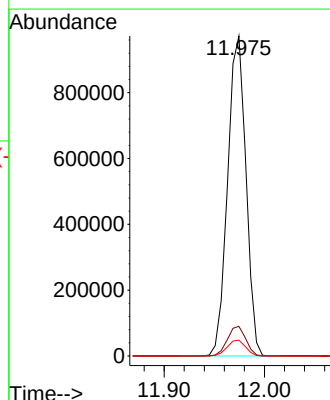
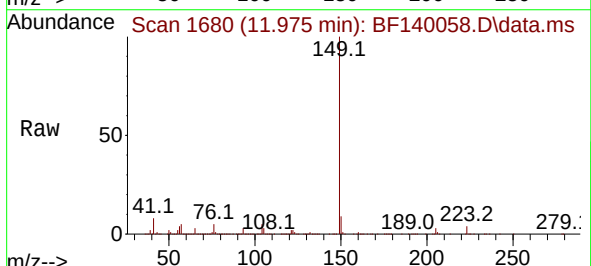
Tgt Ion:149 Resp: 1231008

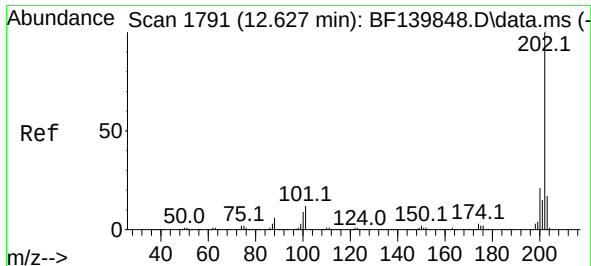
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1





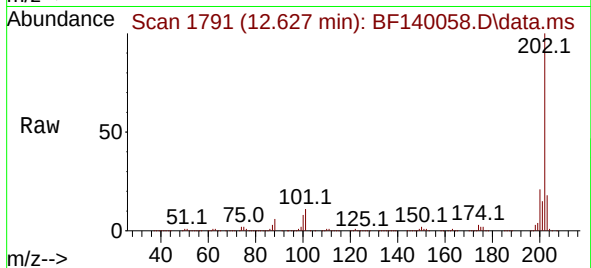
#75
Fluoranthene
Concen: 38.381 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



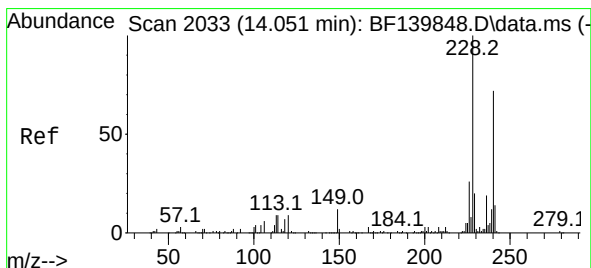
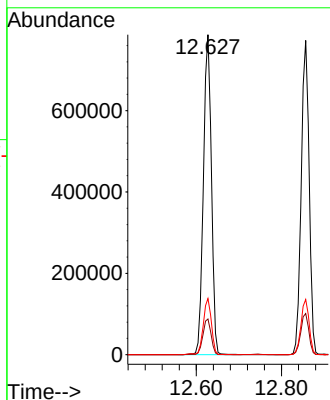
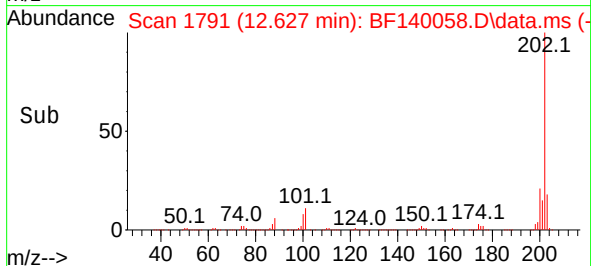
Tgt Ion:202 Resp: 102587
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.9
203 17.6 0.0 37.5

Manual Integrations

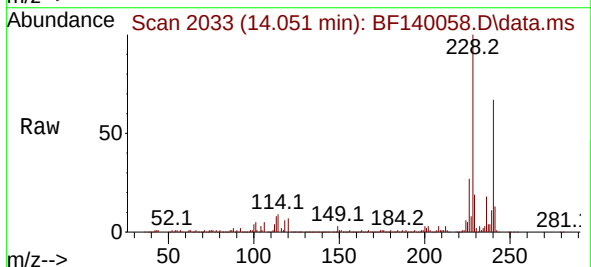
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

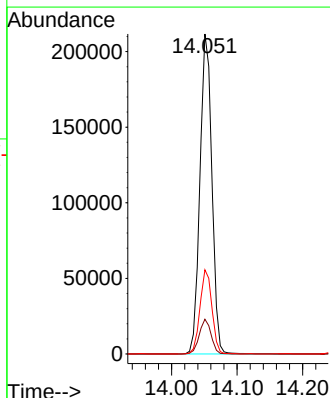
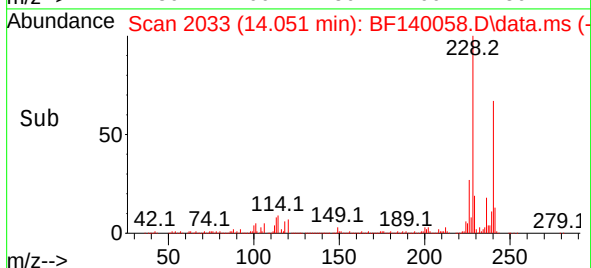
Supervised By :mohammad ahmed 10/29/2024

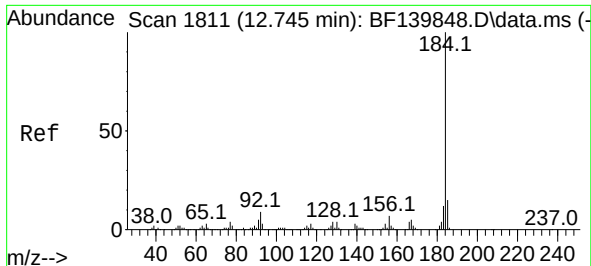


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



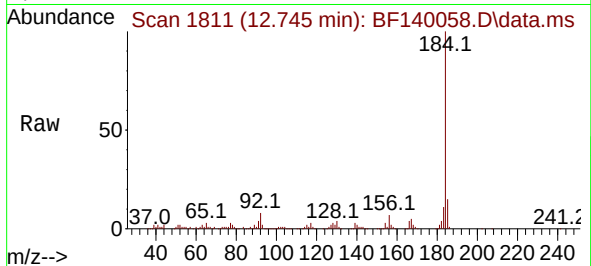
Tgt Ion:240 Resp: 268566
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.3 20.9 31.3





#77
Benzidine
Concen: 55.387 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

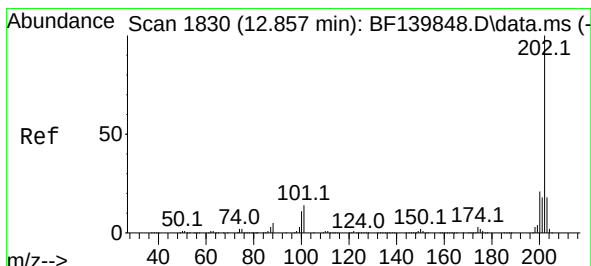
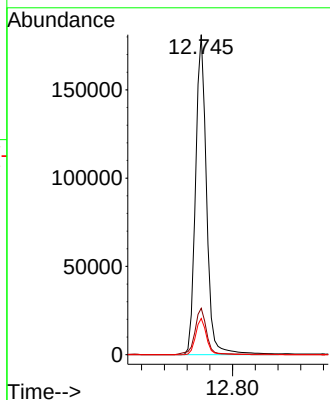
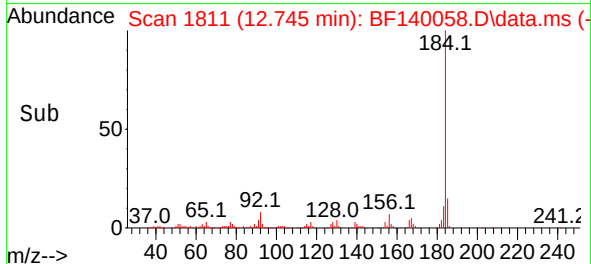
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



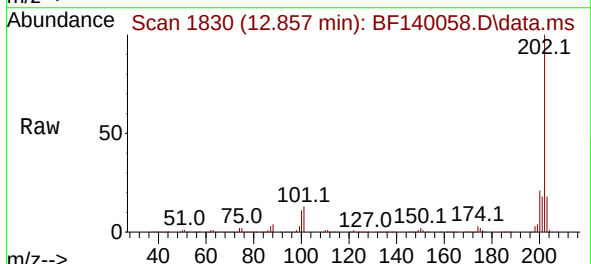
Tgt Ion:184 Resp: 244594
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.3 9.4 14.2

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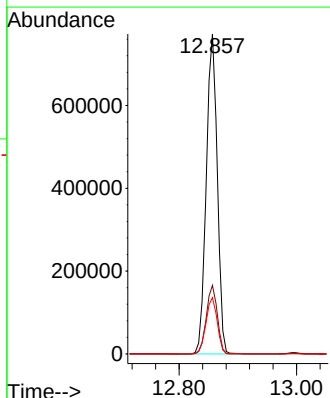
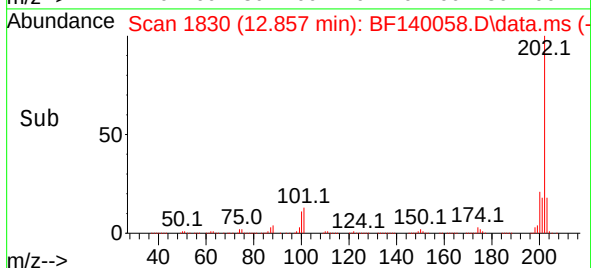
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

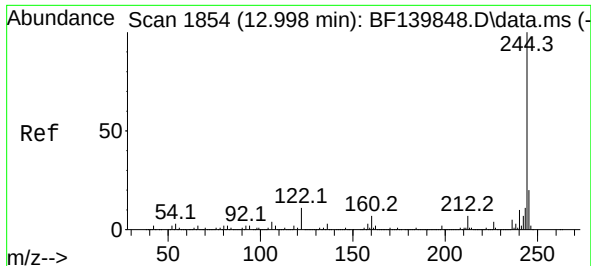


#78
Pyrene
Concen: 42.526 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27



Tgt Ion:202 Resp: 999723
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.6 14.2 21.4





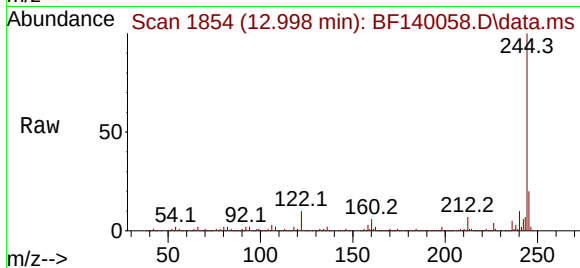
#79
 Terphenyl-d14
 Concen: 70.432 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140058.D
 Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



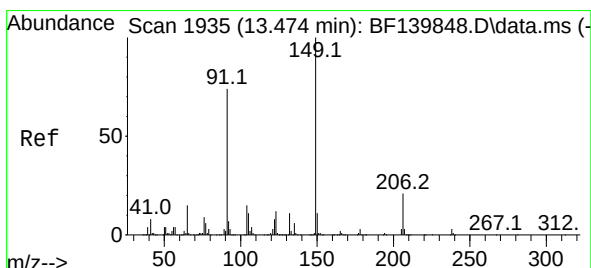
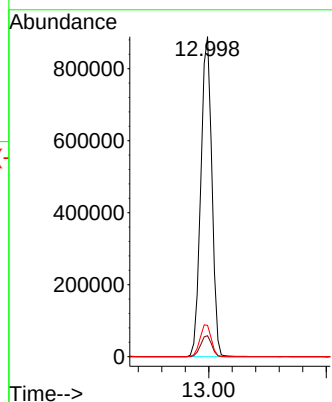
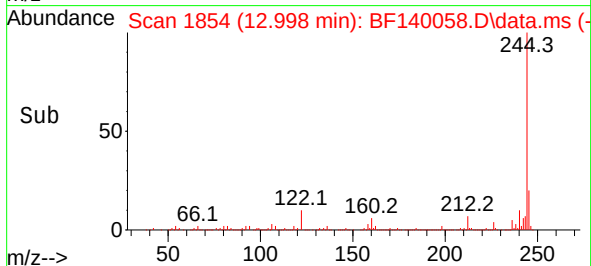
Tgt Ion:244 Resp: 1160834
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 9.8 8.6 13.0

Manual Integrations

APPROVED

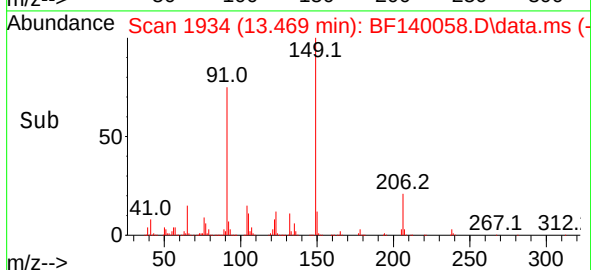
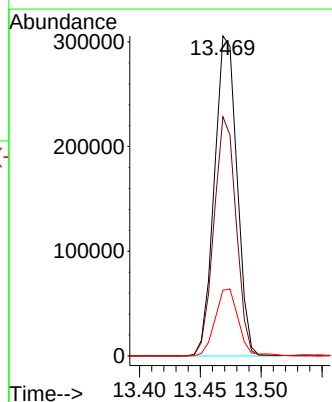
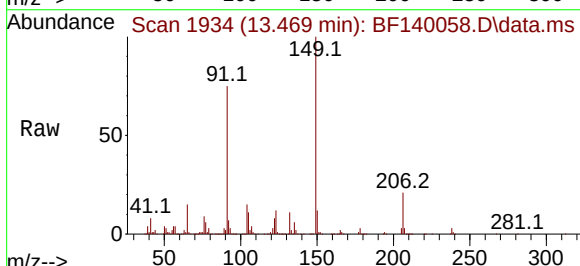
Reviewed By :Yogesh Patel 10/29/2024

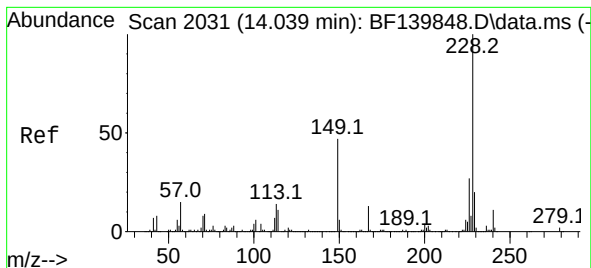
Supervised By :mohammad ahmed 10/29/2024



#80
 Butylbenzylphthalate
 Concen: 56.030 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF140058.D
 Acq: 26 Oct 2024 14:27

Tgt Ion:149 Resp: 394890
 Ion Ratio Lower Upper
 149 100
 91 74.7 59.4 89.2
 206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.834 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140058.D

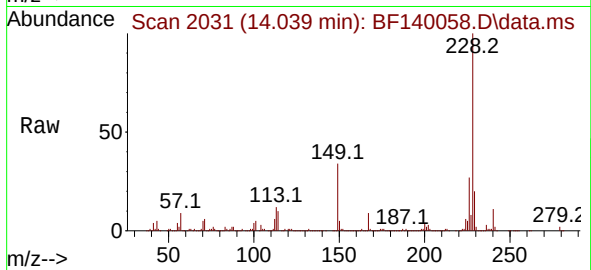
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD



Tgt Ion:228 Resp: 783810

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

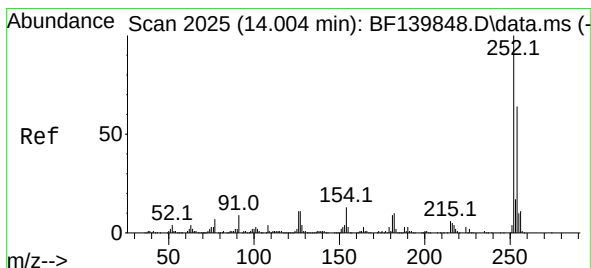
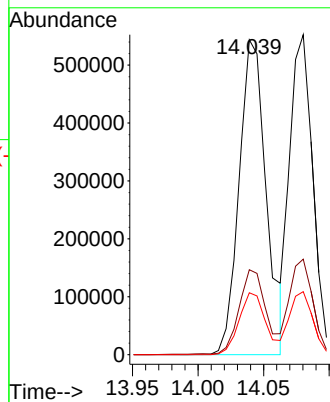
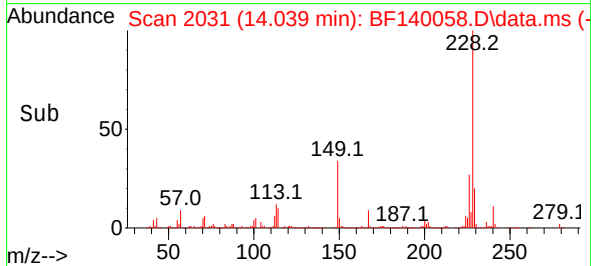
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#82

3,3'-Dichlorobenzidine

Concen: 23.038 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

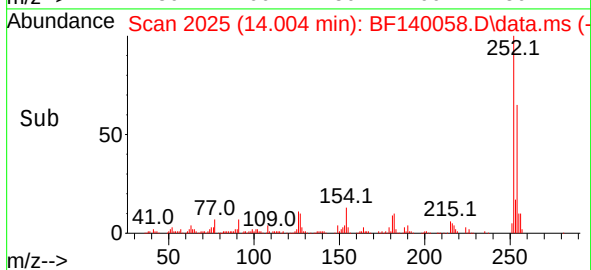
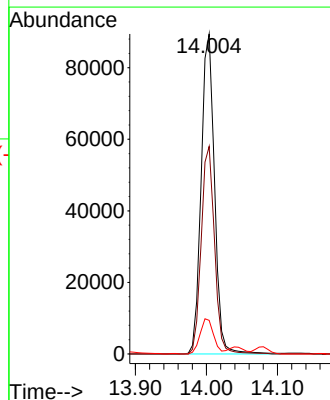
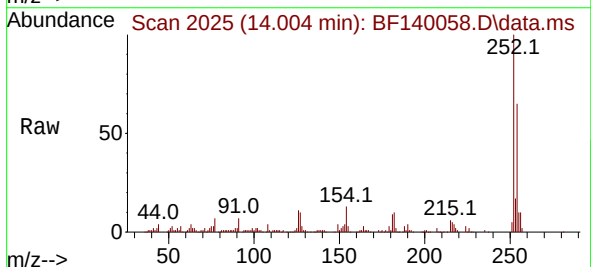
Tgt Ion:252 Resp: 117434

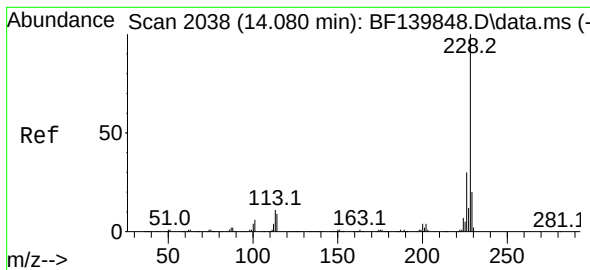
Ion Ratio Lower Upper

252 100

254 64.9 50.8 76.2

126 10.5 8.9 13.3





#83

Chrysene

Concen: 42.097 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion:228 Resp: 674804

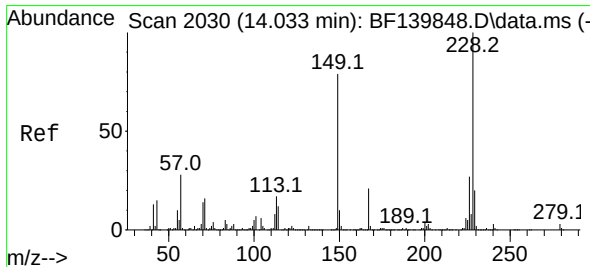
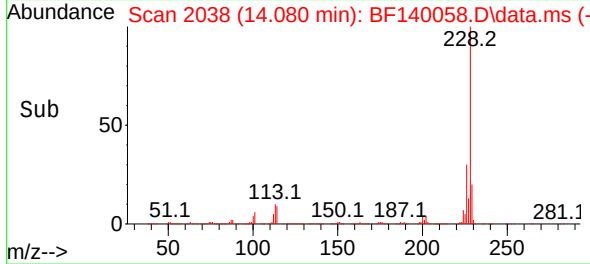
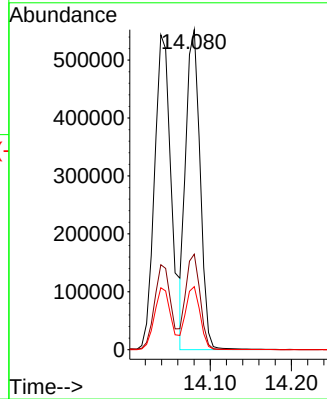
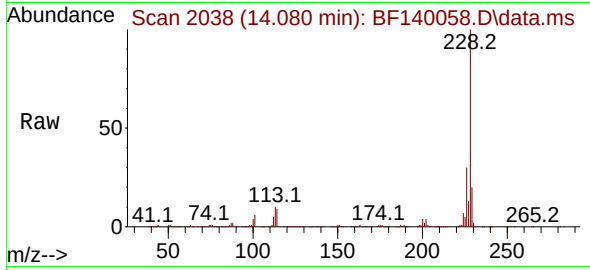
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.615 ng

RT: 14.027 min Scan# 2029

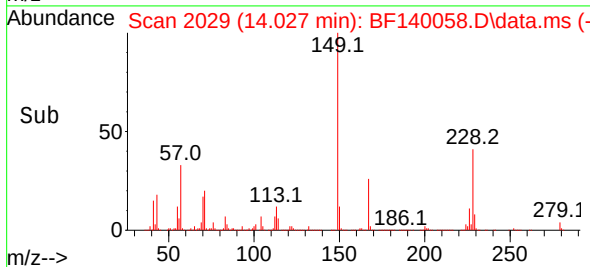
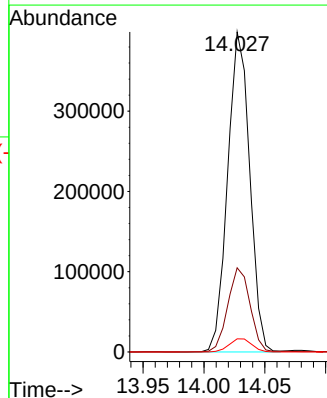
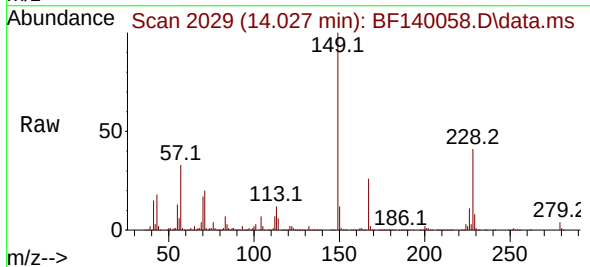
Delta R.T. -0.006 min

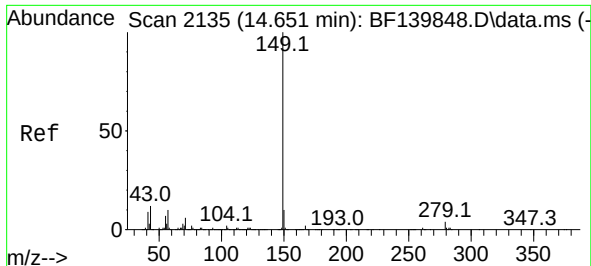
Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Tgt Ion:149 Resp: 503026

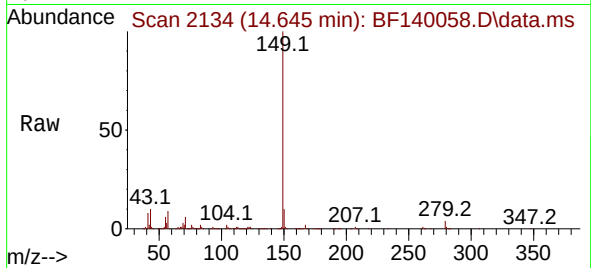
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.4	32.0
279	4.1	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 55.709 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

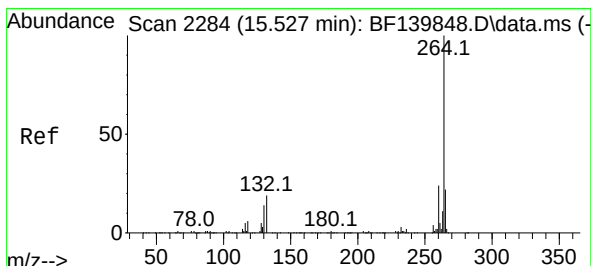
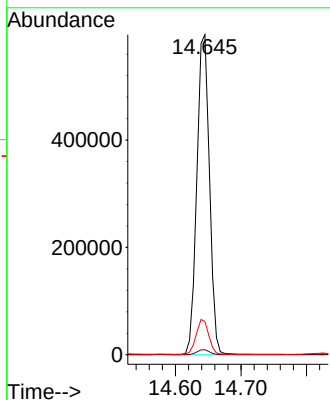
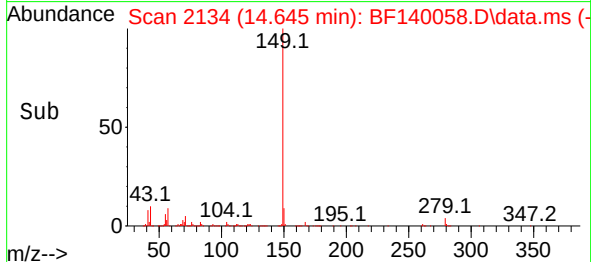
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



Tgt Ion:149 Resp: 80124
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.8 14.6

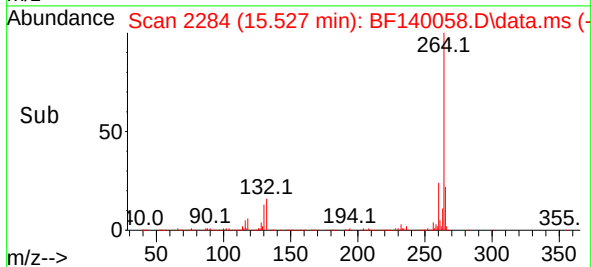
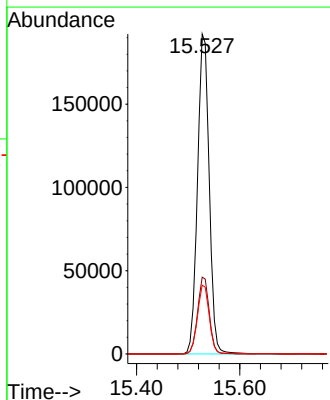
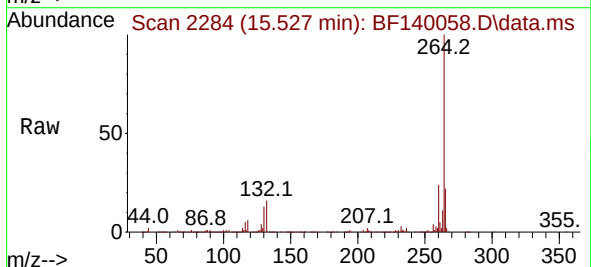
Manual Integrations
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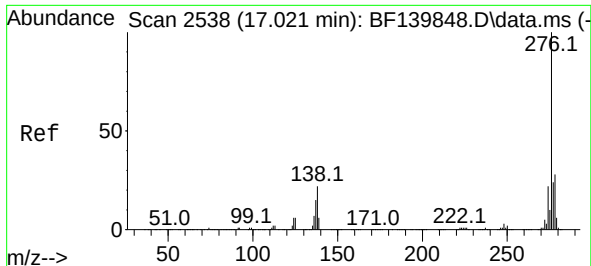
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:264 Resp: 301700
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.5 17.4 26.0





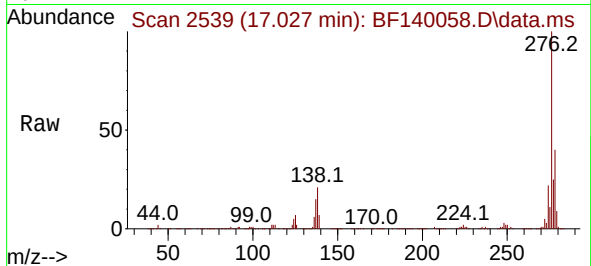
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.491 ng
RT: 17.027 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

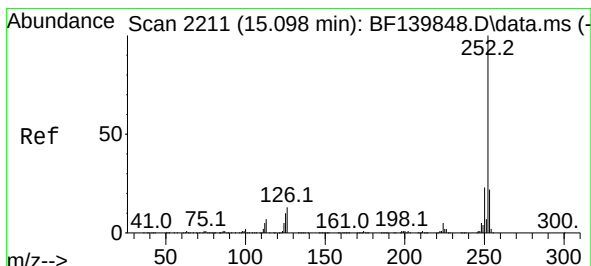
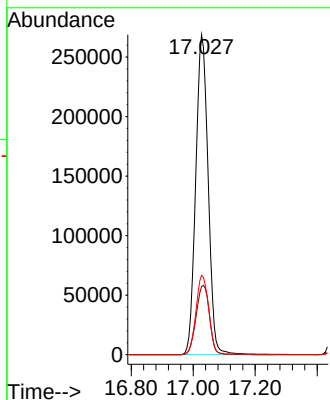
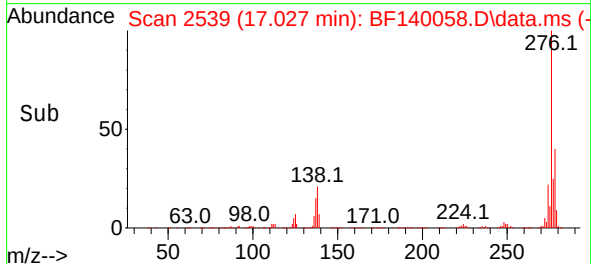


Tgt Ion:276 Resp: 747072
Ion Ratio Lower Upper
276 100
138 23.3 20.4 30.6
277 25.5 20.2 30.4

Manual Integrations

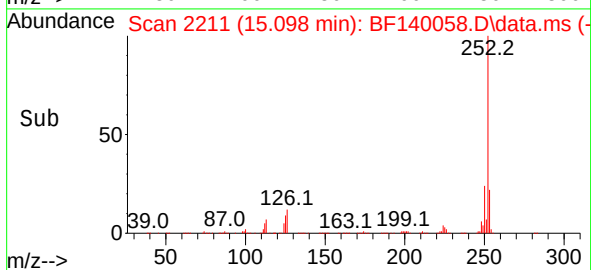
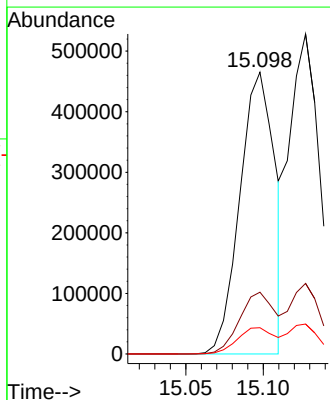
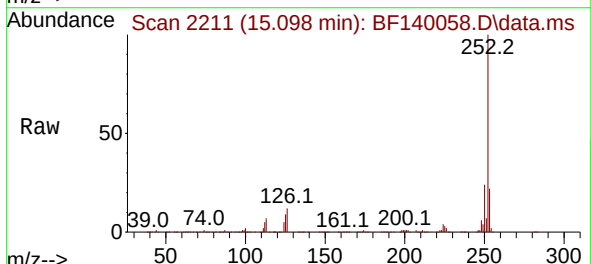
APPROVED

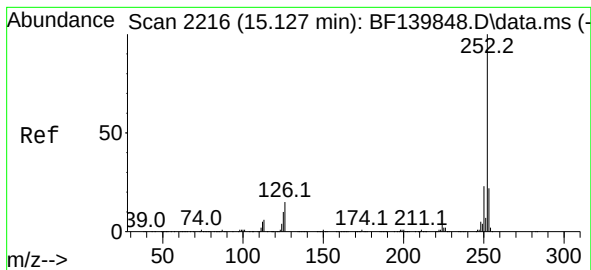
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024



#88
Benzo(b)fluoranthene
Concen: 39.740 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:252 Resp: 730351
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.338 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

Instrument :

BNA_F

ClientSampleId :

BP-F-20MSD

Tgt Ion:252 Resp: 71860

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

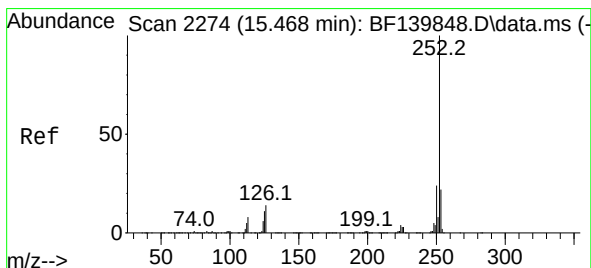
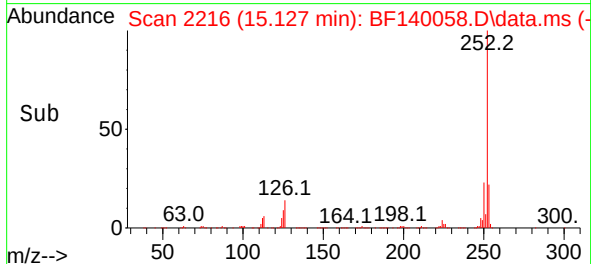
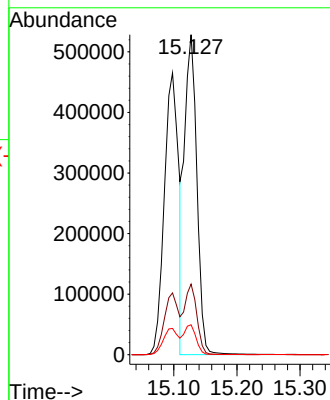
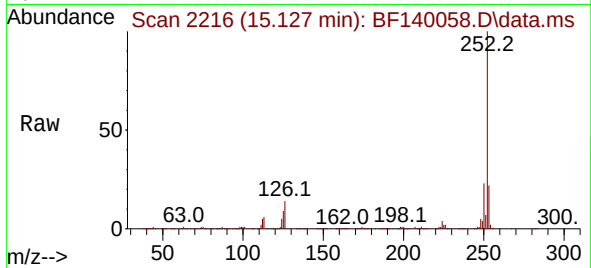
125 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024



#90

Benzo(a)pyrene

Concen: 46.566 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140058.D

Acq: 26 Oct 2024 14:27

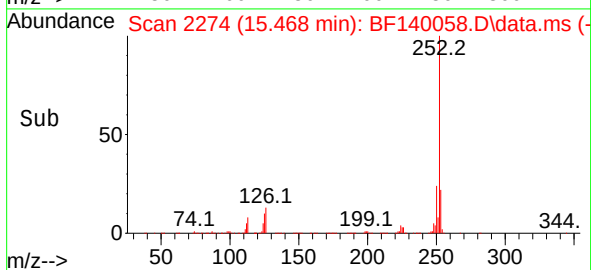
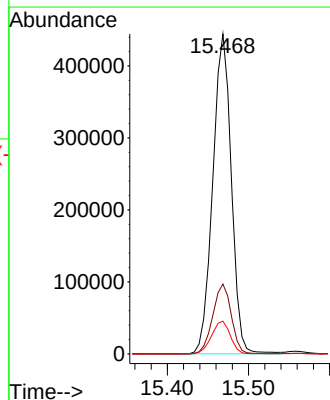
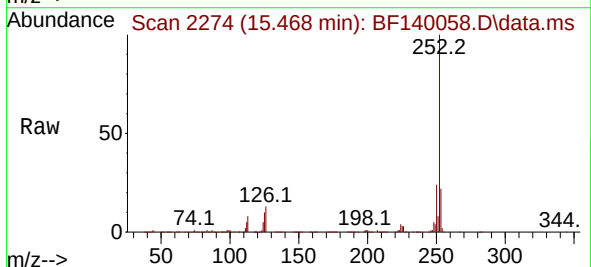
Tgt Ion:252 Resp: 704184

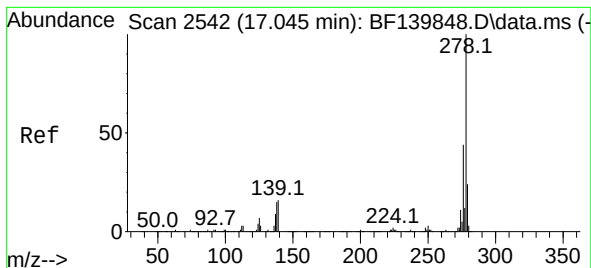
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

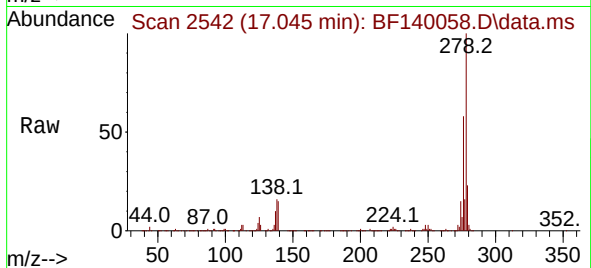
125 10.2 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 38.488 ng
RT: 17.045 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

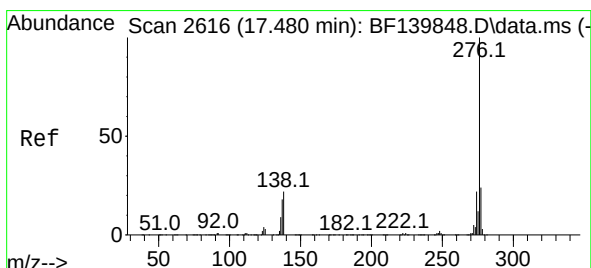
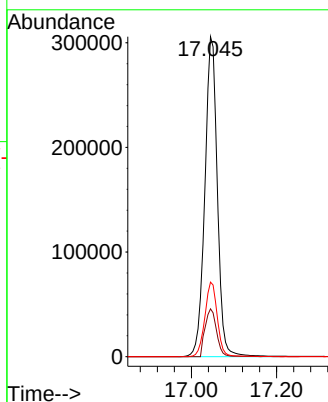
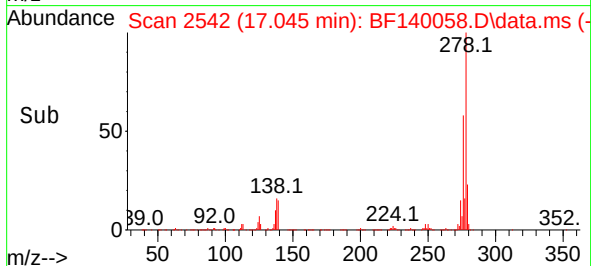
Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD



Tgt Ion:278 Resp: 623179
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.3 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: 31.961 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF140058.D
Acq: 26 Oct 2024 14:27

Tgt Ion:276 Resp: 516906
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 19.9 17.4 26.0

