

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140613.D
 Acq On : 25 Nov 2024 19:52
 Operator : RC/JU
 Sample : P4892-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 01:33:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	62131	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	221607	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	122175	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	233749	20.000	ng	0.00
76) Chrysene-d12	14.045	240	142609	20.000	ng	0.00
86) Perylene-d12	15.539	264	139916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	480816	132.039	ng	0.00
7) Phenol-d6	6.510	99	577527	119.966	ng	0.00
23) Nitrobenzene-d5	7.434	82	431155	99.517	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	207310	158.655	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	793877	96.815	ng	0.00
79) Terphenyl-d14	12.980	244	953400	104.101	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	60736	39.670	ng	98
3) Pyridine	3.469	79	135391	40.192	ng	100
4) n-Nitrosodimethylamine	3.393	42	84881	42.872	ng	94
6) Aniline	6.534	93	98042	28.934	ng	# 70
8) 2-Chlorophenol	6.663	128	180708	46.126	ng	95
9) Benzaldehyde	6.428	77	7314	2.870	ng	96
10) Phenol	6.522	94	207548	42.215	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	165298	43.937	ng	100
12) 1,3-Dichlorobenzene	6.810	146	137092	31.143	ng	99
13) 1,4-Dichlorobenzene	6.887	146	142773	32.032	ng	99
14) 1,2-Dichlorobenzene	7.039	146	143542	34.368	ng	99
15) Benzyl Alcohol	7.016	79	173262	48.531	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	192626	43.340	ng	88
17) 2-Methylphenol	7.128	107	146144	46.601	ng	99
18) Hexachloroethane	7.381	117	50313	30.223	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	133035	46.759	ng	98
20) 3+4-Methylphenols	7.281	107	189738	47.071	ng	# 88
22) Acetophenone	7.281	105	258375	47.824	ng	98
24) Nitrobenzene	7.451	77	198594	44.351	ng	99
25) Isophorone	7.692	82	362961	50.228	ng	99
26) 2-Nitrophenol	7.769	139	95271	48.012	ng	99
27) 2,4-Dimethylphenol	7.804	122	151571m	63.841	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	214347	48.690	ng	99
29) 2,4-Dichlorophenol	8.016	162	162076	51.518	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	148140	41.241	ng	98
31) Naphthalene	8.175	128	509377	44.625	ng	99
32) Benzoic acid	7.928	122	95012	46.288	ng	99
33) 4-Chloroaniline	8.228	127	44466	13.011	ng	97
34) Hexachlorobutadiene	8.286	225	91159	38.315	ng	99
35) Caprolactam	8.586	113	43981m	45.174	ng	
36) 4-Chloro-3-methylphenol	8.710	107	180333	51.197	ng	99
37) 2-Methylnaphthalene	8.863	142	356471	49.167	ng	100
38) 1-Methylnaphthalene	8.963	142	332678	46.813	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	176202	49.264	ng	99
41) Hexachlorocyclopentadiene	9.016	237	131931	156.436	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	115856	51.622	ng	98

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 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	126594	51.974	ng	98
46) 1,1'-Biphenyl	9.328	154	451328	49.479	ng	99
47) 2-Chloronaphthalene	9.351	162	339951	49.185	ng	99
48) 2-Nitroaniline	9.451	65	121982	54.983	ng	99
49) Acenaphthylene	9.769	152	576890	55.241	ng	99
50) Dimethylphthalate	9.628	163	423095	52.582	ng	100
51) 2,6-Dinitrotoluene	9.692	165	92350	50.606	ng	98
52) Acenaphthene	9.939	154	347150	52.317	ng	99
53) 3-Nitroaniline	9.863	138	40331	22.597	ng	97
54) 2,4-Dinitrophenol	9.975	184	95599	99.083	ng	99
55) Dibenzofuran	10.116	168	529228	52.289	ng	99
56) 4-Nitrophenol	10.039	139	130842	107.491	ng	98
57) 2,4-Dinitrotoluene	10.098	165	131881	54.377	ng	97
58) Fluorene	10.457	166	430529	52.995	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	109906	58.712	ng	95
60) Diethylphthalate	10.328	149	424041	51.869	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	207770	52.113	ng	98
62) 4-Nitroaniline	10.480	138	100087	53.467	ng	97
63) Azobenzene	10.610	77	407336	52.614	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69222	57.952	ng	100
66) n-Nitrosodiphenylamine	10.569	169	366728	53.052	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124486	51.713	ng	96
68) Hexachlorobenzene	11.004	284	143124	51.347	ng	96
69) Atrazine	11.092	200	121415	62.436	ng	99
70) Pentachlorophenol	11.210	266	145390	118.513	ng	99
71) Phenanthrene	11.422	178	627848	55.878	ng	100
72) Anthracene	11.474	178	635239	57.796	ng	100
73) Carbazole	11.633	167	605108	57.229	ng	100
74) Di-n-butylphthalate	11.951	149	666795	54.624	ng	99
75) Fluoranthene	12.616	202	700692	57.436	ng	99
77) Benzidine	12.733	184	73119	17.635	ng	100
78) Pyrene	12.845	202	713798	54.133	ng	99
80) Butylbenzylphthalate	13.457	149	243532	51.269	ng	99
81) Benzo(a)anthracene	14.033	228	503621	53.349	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	75498	26.637	ng	99
83) Chrysene	14.074	228	474768	55.001	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	312333	52.073	ng	99
85) Di-n-octyl phthalate	14.639	149	448346	54.696	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	520377	57.070	ng	99
88) Benzo(b)fluoranthene	15.104	252	435157	49.515	ng	100
89) Benzo(k)fluoranthene	15.133	252	424758	55.231	ng	100
90) Benzo(a)pyrene	15.474	252	420698	58.875	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	424791	56.886	ng	99
92) Benzo(g,h,i)perylene	17.503	276	386129	50.673	ng	99

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

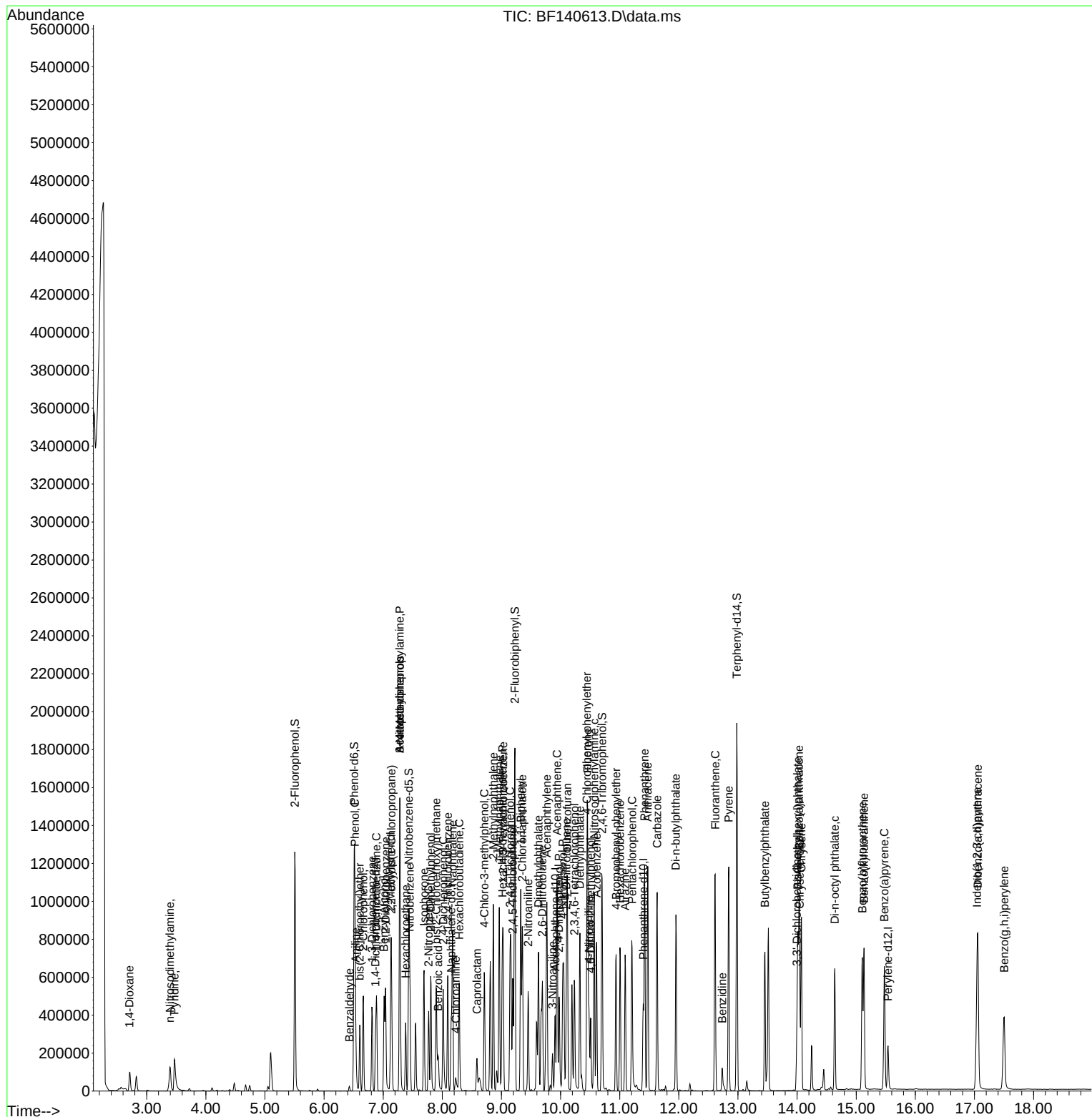
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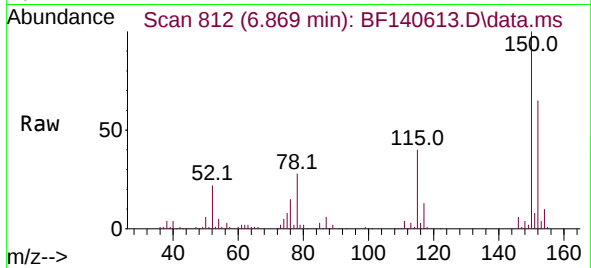
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

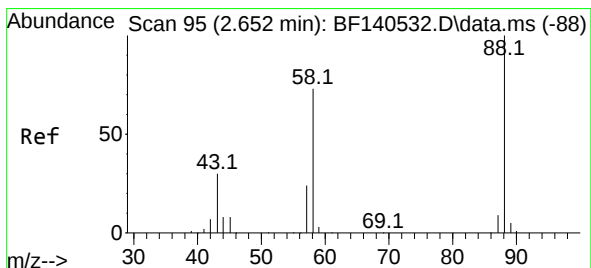
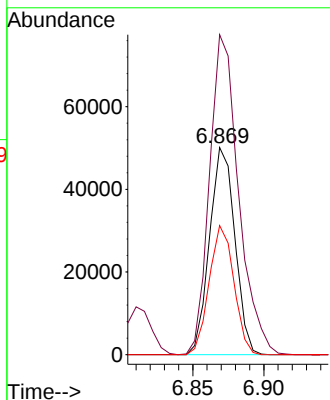
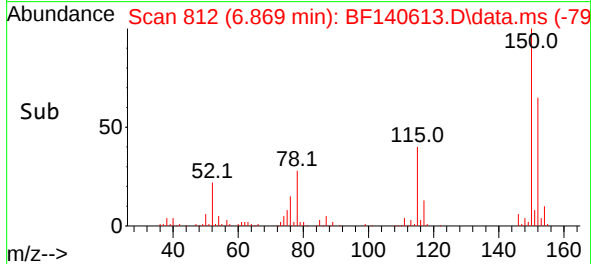
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:152 Resp: 6213
Ion Ratio Lower Upper
152 100
150 154.4 128.5 192.7
115 62.3 50.2 75.4

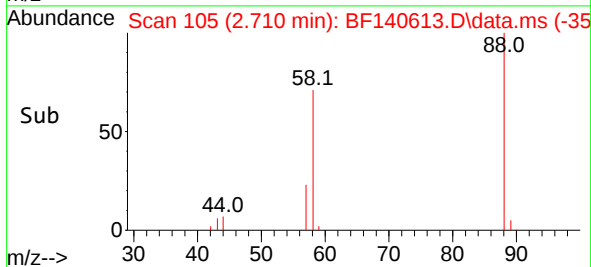
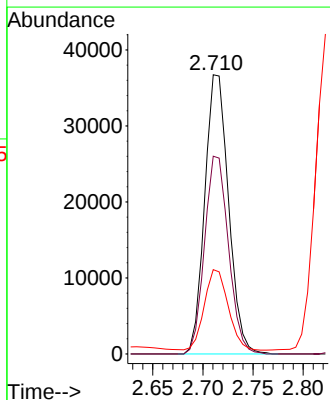
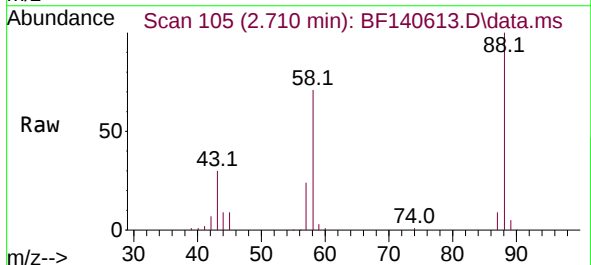
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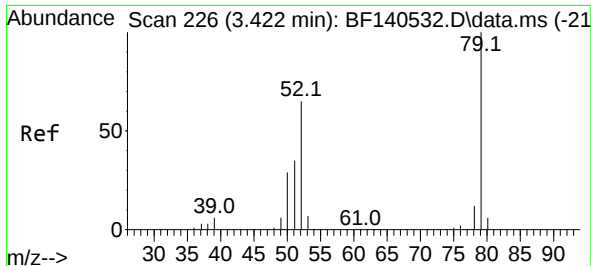
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 39.670 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.059 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

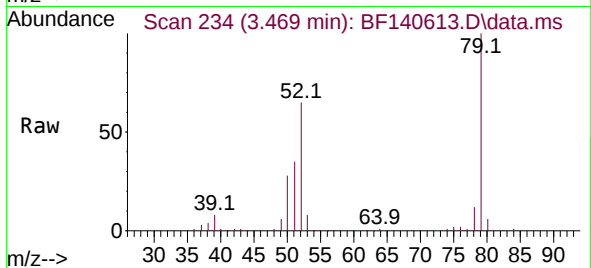
Tgt Ion: 88 Resp: 60736
Ion Ratio Lower Upper
88 100
58 71.0 57.4 86.2
43 28.8 24.3 36.5





#3
Pyridine
Concen: 40.192 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

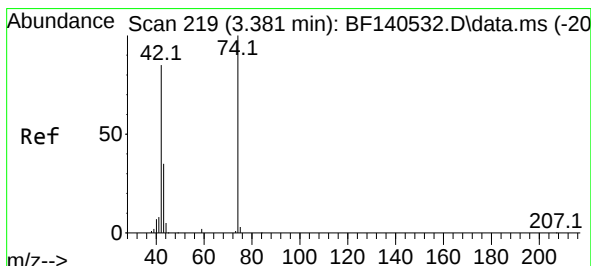
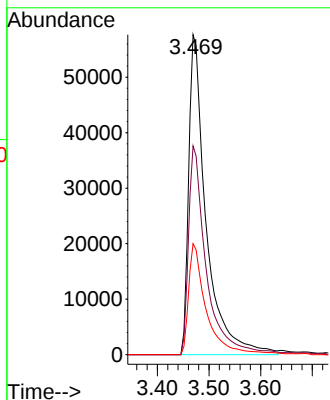
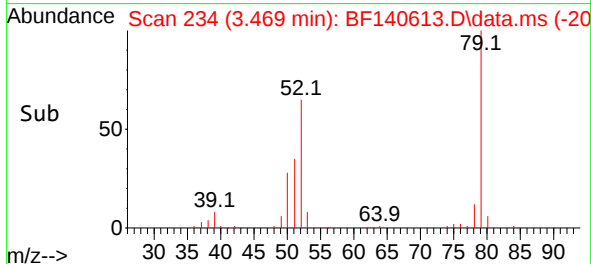
Instrument :
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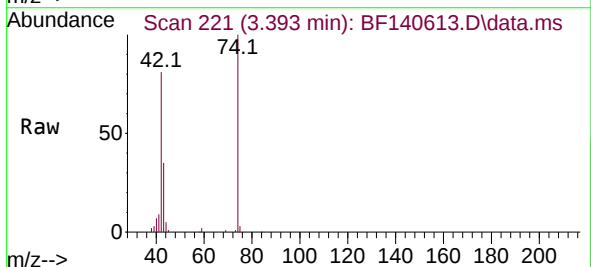
Tgt Ion: 79 Resp: 13539
Ion Ratio Lower Upper
79 100
52 65.3 52.1 78.1
51 34.7 27.8 41.8

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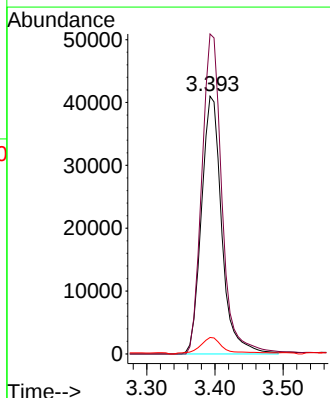
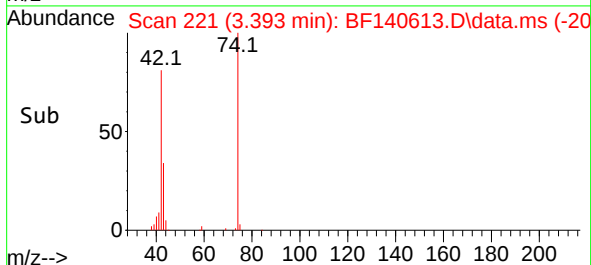
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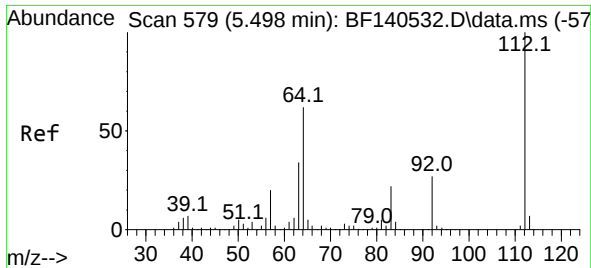


#4
n-Nitrosodimethylamine
Concen: 42.872 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.012 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion: 42 Resp: 84881
Ion Ratio Lower Upper
42 100
74 124.2 93.8 140.6
44 6.4 4.6 6.8





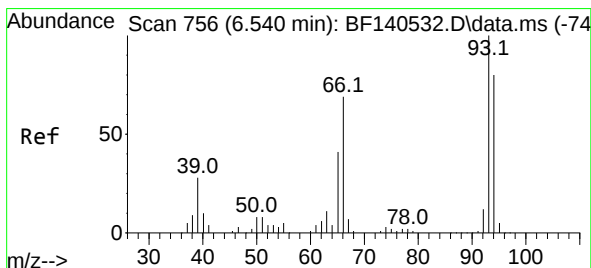
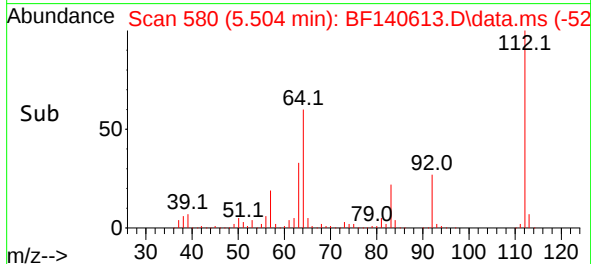
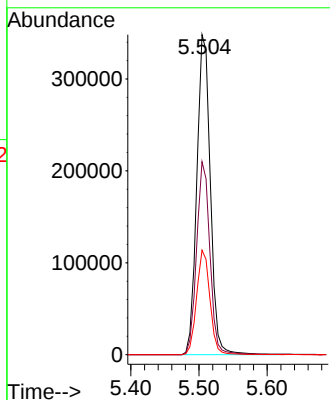
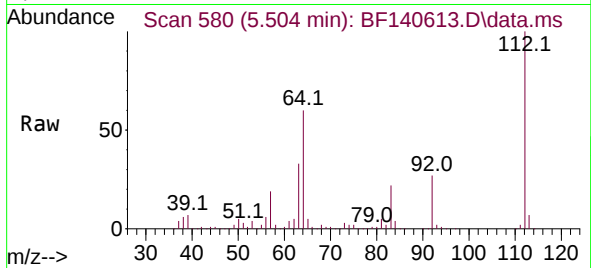
#5
2-Fluorophenol
Concen: 132.039 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

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ClientSampleId :
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Tgt Ion:112 Resp: 480810
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 32.6 27.0 40.4

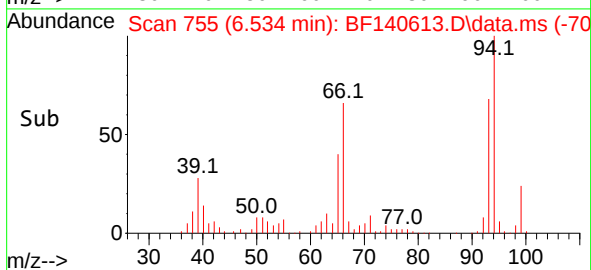
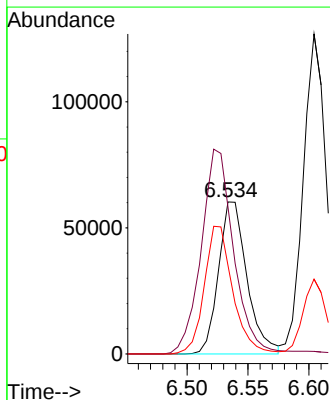
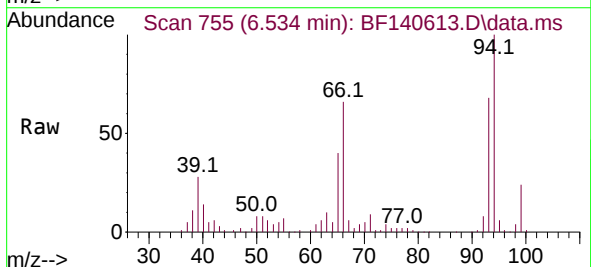
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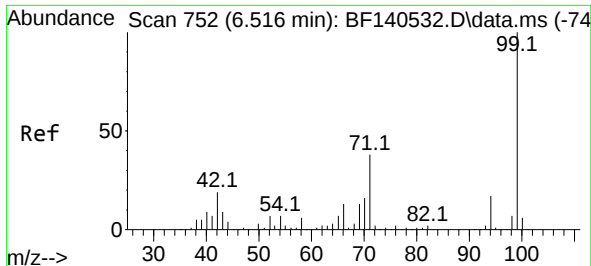
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 28.934 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

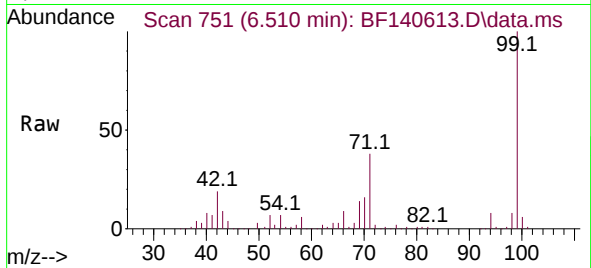
Tgt Ion: 93 Resp: 98042
Ion Ratio Lower Upper
93 100
66 96.7 56.5 84.7#
65 58.4 32.9 49.3#





#7
Phenol-d6
Concen: 119.966 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

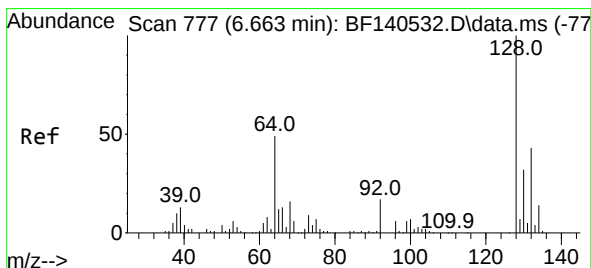
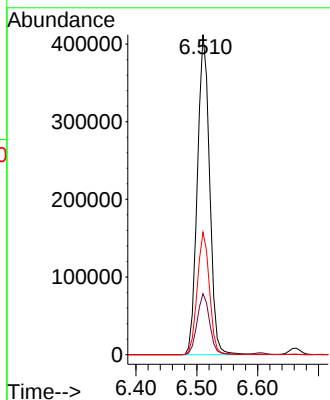
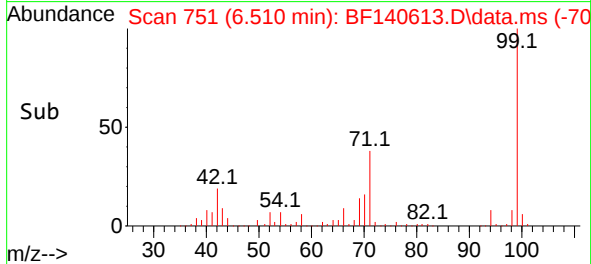
Instrument :
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Tgt Ion: 99 Resp: 57752
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.3 30.6 46.0

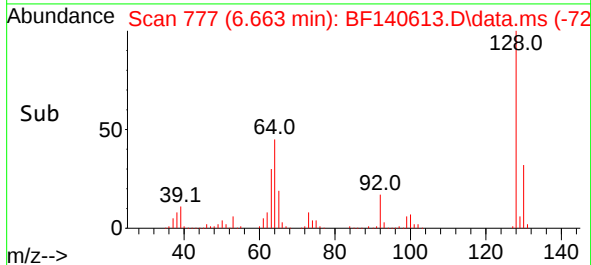
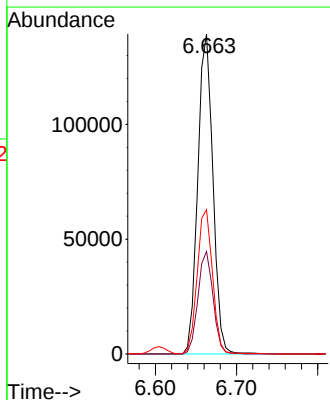
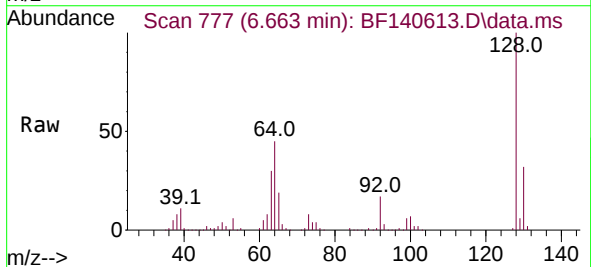
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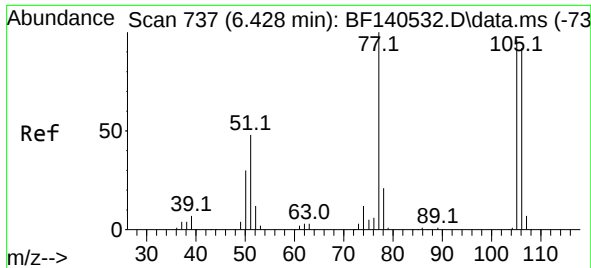
Reviewed By :Yogesh Patel 11/27/2024
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#8
2-Chlorophenol
Concen: 46.126 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

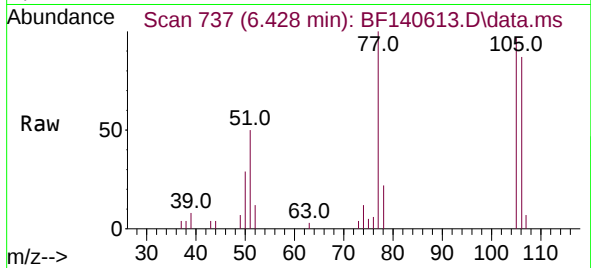
Tgt Ion:128 Resp: 180708
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 45.1 30.2 70.2





#9
Benzaldehyde
Concen: 2.870 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140613.D
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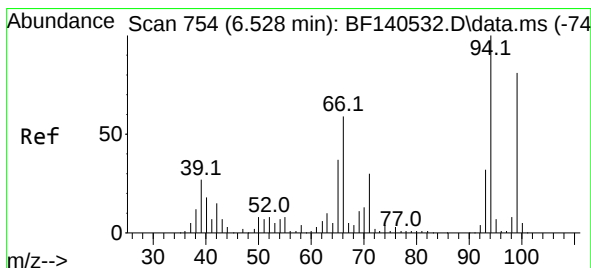
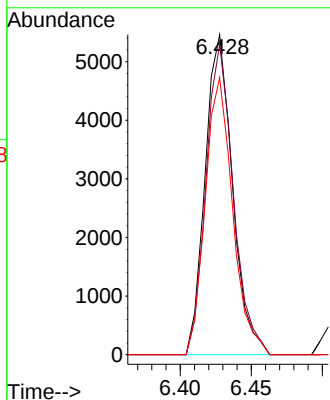
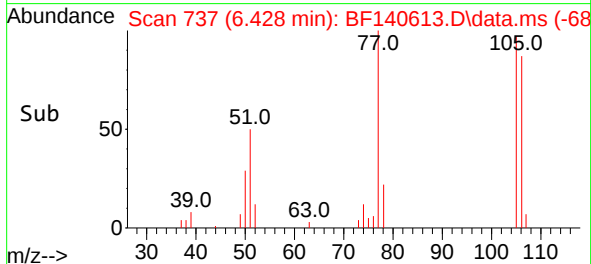
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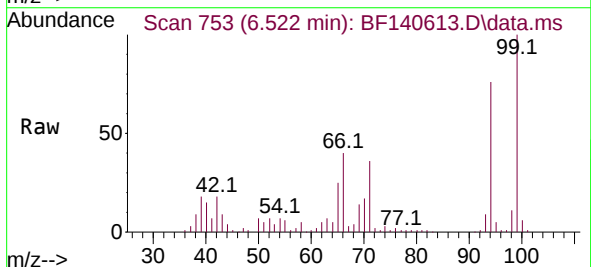
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Ion Ratio Lower Upper
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106 86.6 72.0 112.0

Manual Integrations
APPROVED

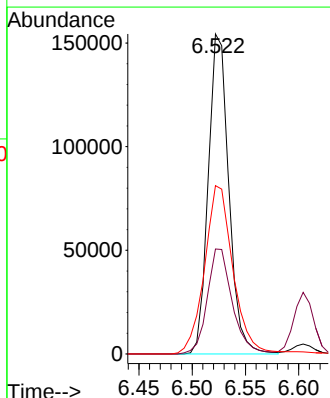
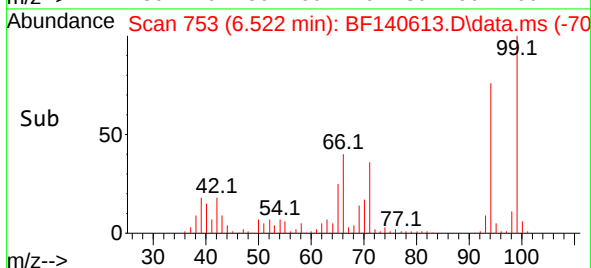
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 42.215 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion: 94 Resp: 207548
Ion Ratio Lower Upper
94 100
65 32.8 17.2 57.2
66 52.6 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 43.937 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion: 93 Resp: 165298

Ion Ratio Lower Upper

93 100

63 73.1 52.8 92.8

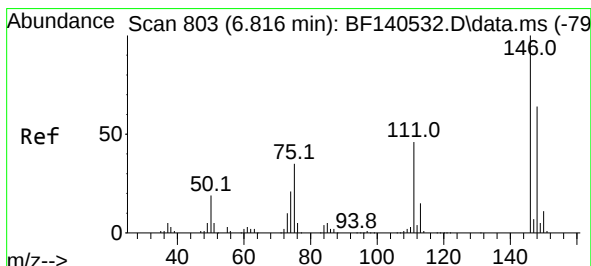
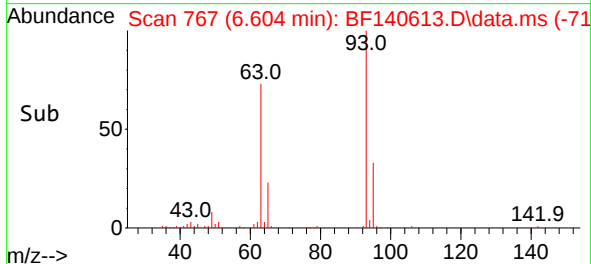
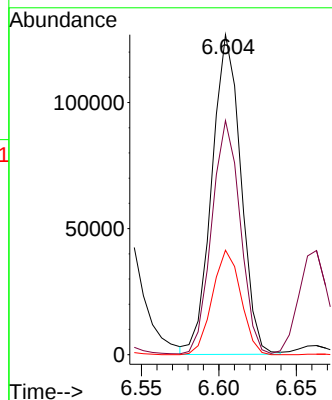
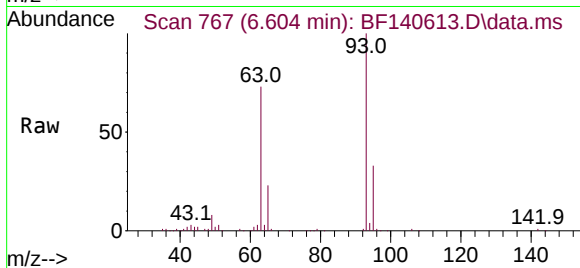
95 32.7 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 31.143 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

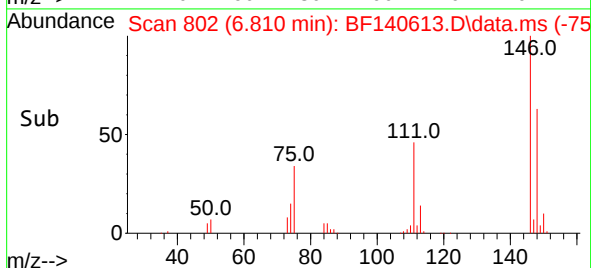
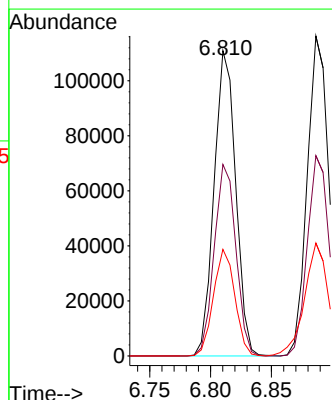
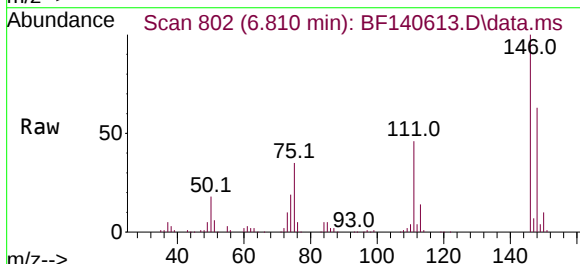
Tgt Ion:146 Resp: 137092

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

75 34.9 28.2 42.2





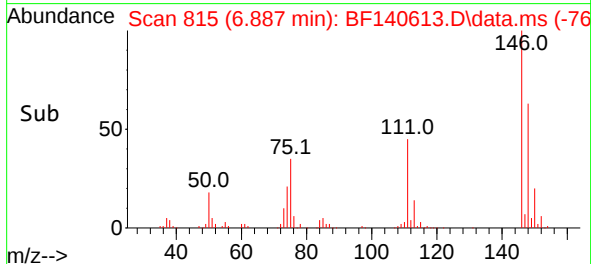
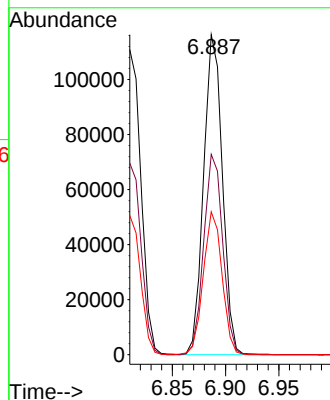
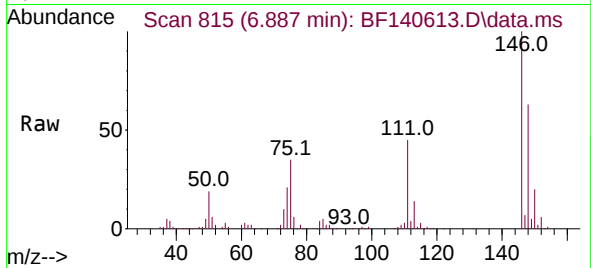
#13
1,4-Dichlorobenzene
Concen: 32.032 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion:146 Resp: 14277
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 44.7 35.3 52.9

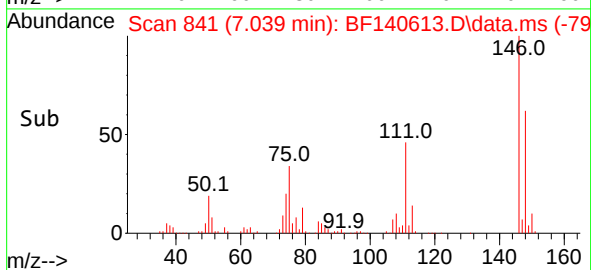
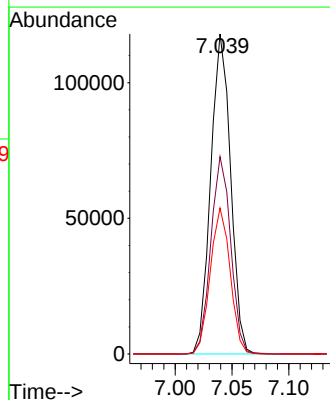
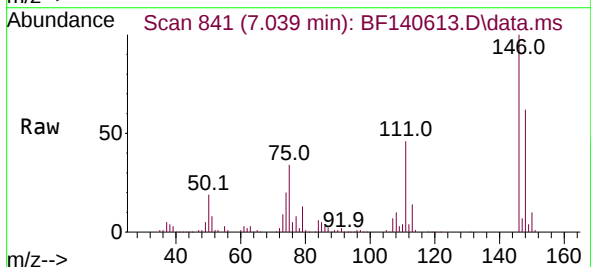
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 34.368 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:146 Resp: 143542
Ion Ratio Lower Upper
146 100
148 61.6 50.5 75.7
111 45.6 36.7 55.1





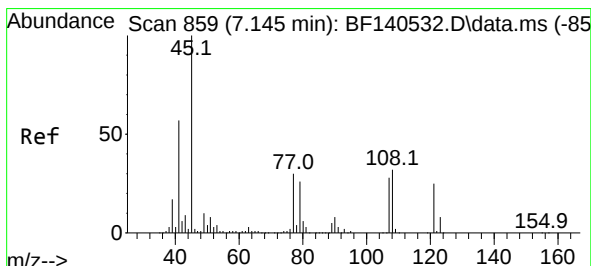
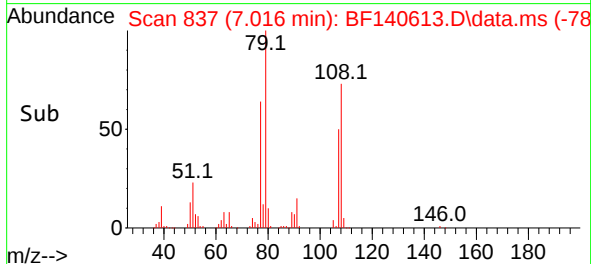
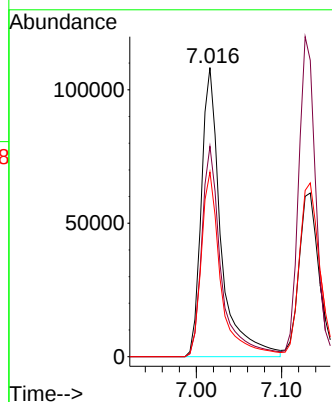
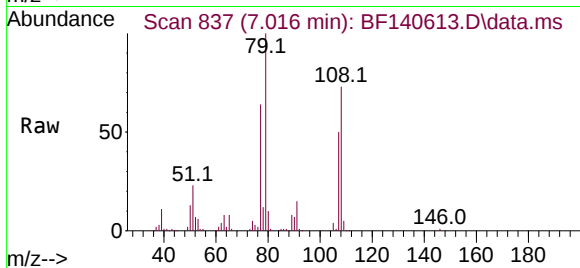
#15
Benzyl Alcohol
Concen: 48.531 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion: 79 Resp: 17326
Ion Ratio Lower Upper
79 100
108 72.8 55.0 82.6
77 63.9 50.1 75.1

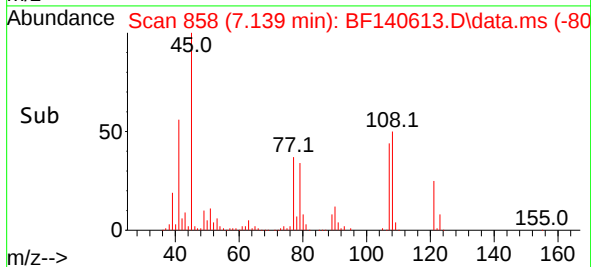
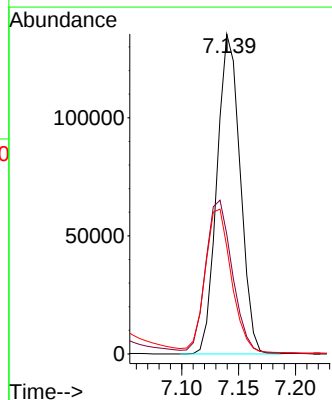
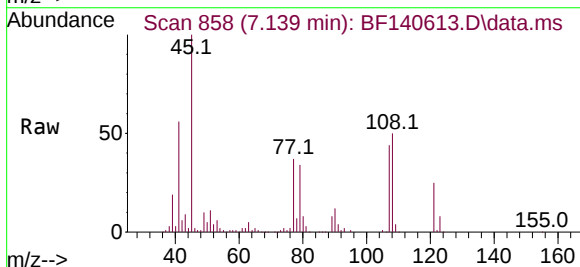
Manual Integrations
APPROVED

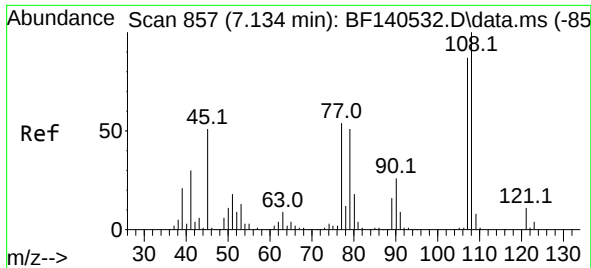
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.340 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion: 45 Resp: 192626
Ion Ratio Lower Upper
45 100
77 37.4 10.7 50.7
79 33.5 7.0 47.0





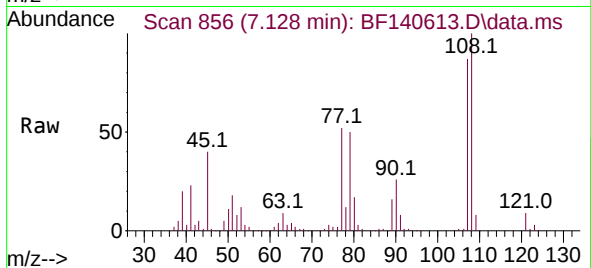
#17
2-Methylphenol
Concen: 46.601 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



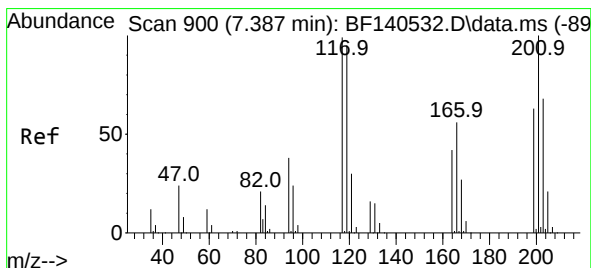
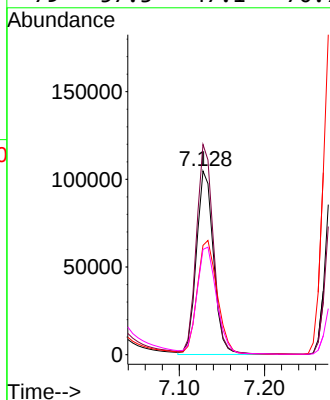
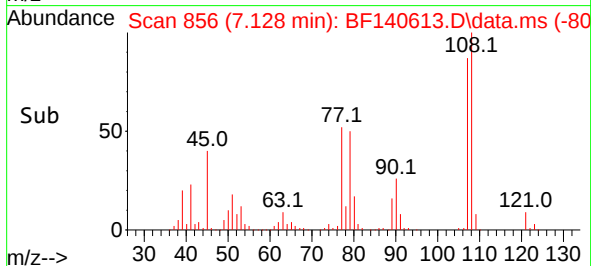
Tgt Ion:107 Resp: 146144
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 59.5 49.3 73.9
79 57.3 47.1 70.7

Manual Integrations

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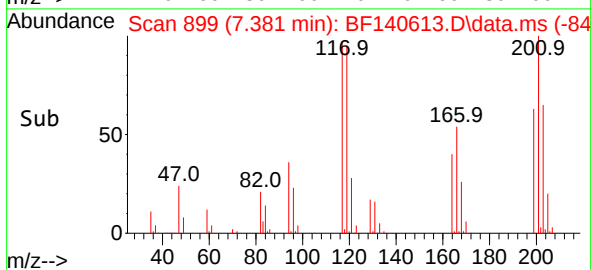
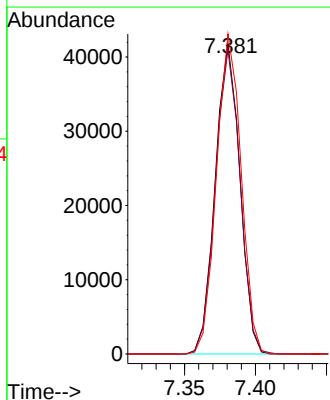
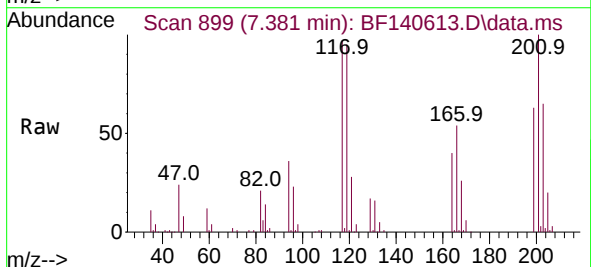
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 30.223 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

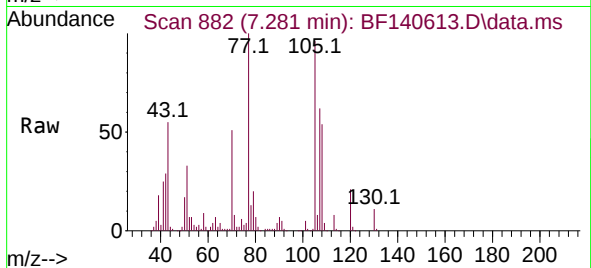
Tgt Ion:117 Resp: 50313
Ion Ratio Lower Upper
117 100
119 97.9 77.1 115.7
201 103.1 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 46.759 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

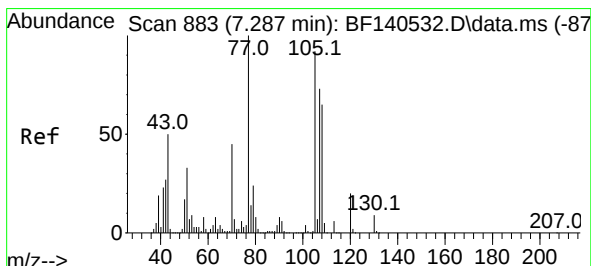
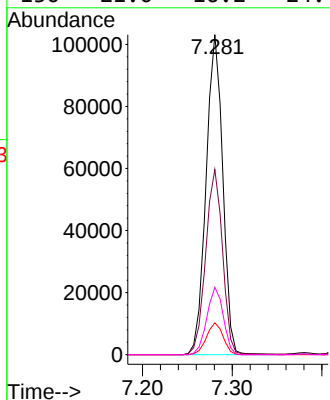
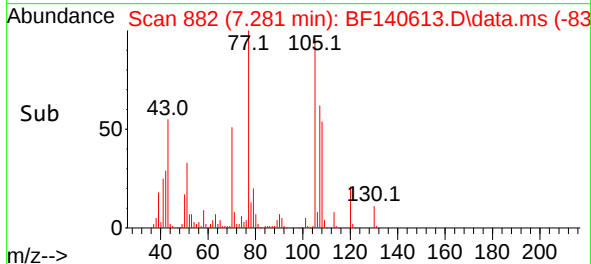
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



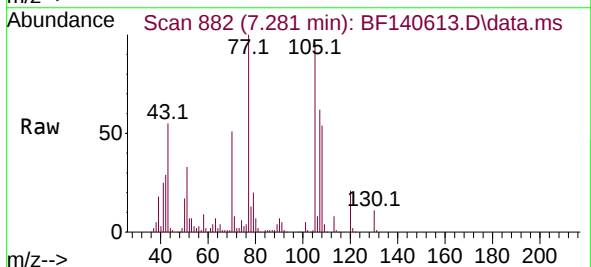
Tgt Ion: 70 Resp: 133035
Ion Ratio Lower Upper
70 100
42 57.9 47.6 71.4
101 10.0 7.6 11.4
130 21.0 16.2 24.4

Manual Integrations
APPROVED

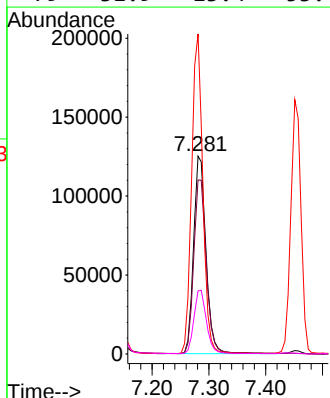
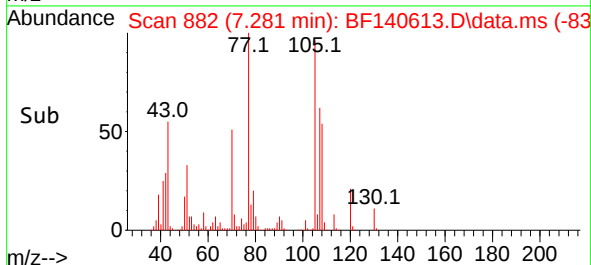
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

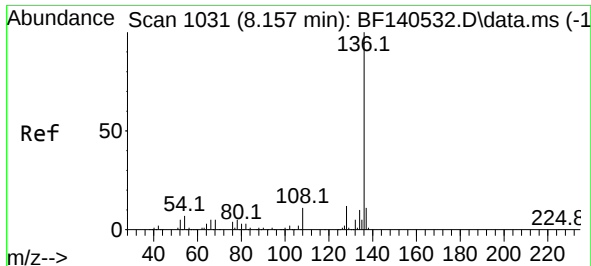


#20
3+4-Methylphenols
Concen: 47.071 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:107 Resp: 189738
Ion Ratio Lower Upper
107 100
108 88.0 69.9 109.9
77 161.9 117.7 157.7#
79 31.9 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

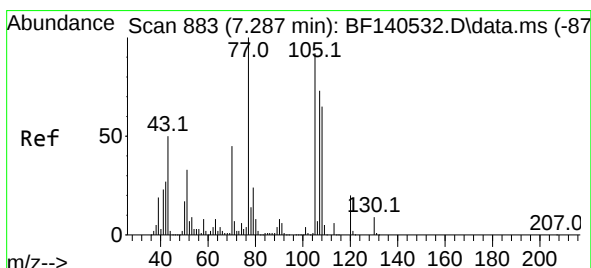
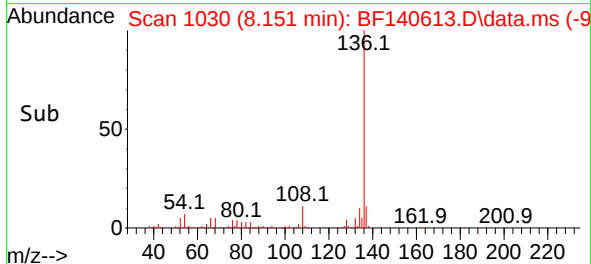
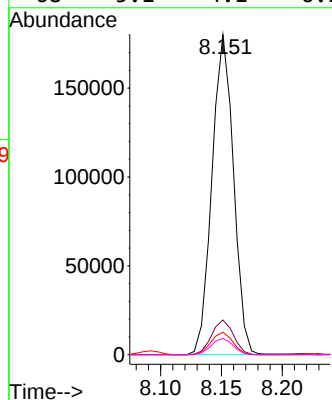
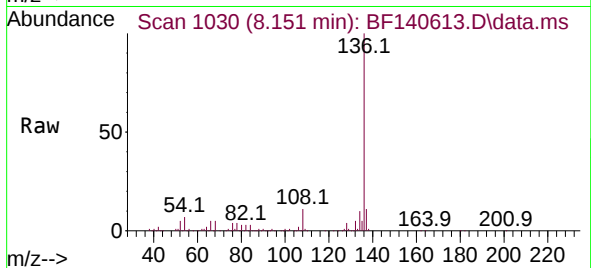
ClientSampleId :

WB-310-BOTMS

Tgt Ion:136 Resp: 22160
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 5.1 4.1 6.1

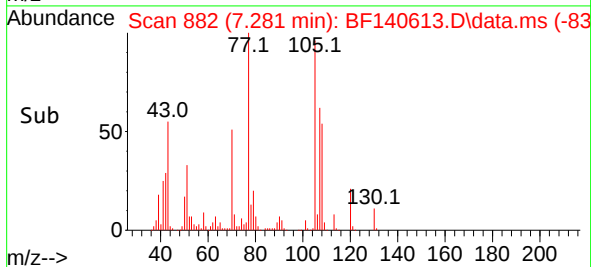
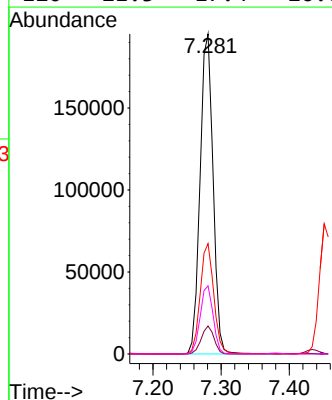
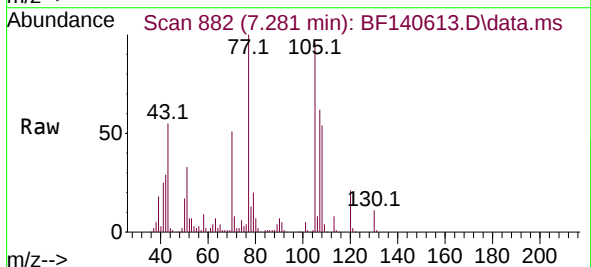
Manual Integrations
APPROVED

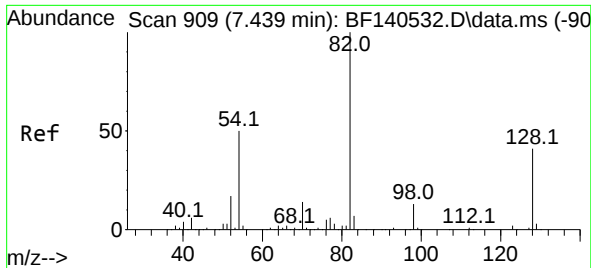
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 47.824 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:105 Resp: 258375
Ion Ratio Lower Upper
105 100
71 8.8 6.2 9.2
51 34.5 29.0 43.6
120 21.3 17.4 26.0





#23
Nitrobenzene-d5
Concen: 99.517 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

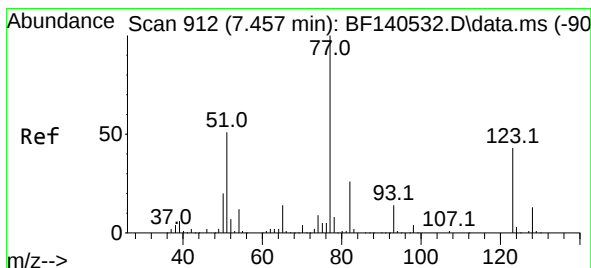
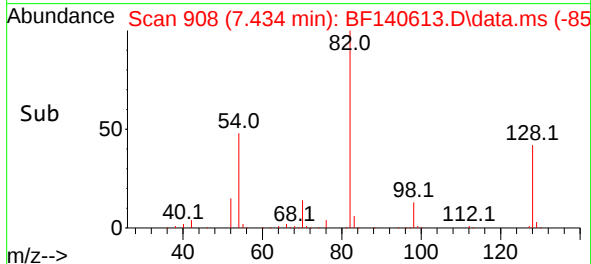
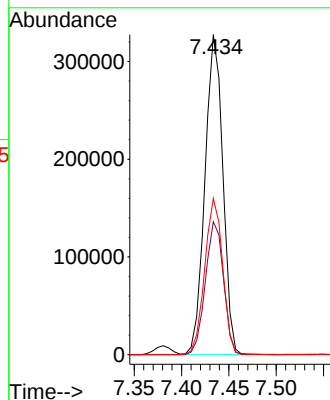
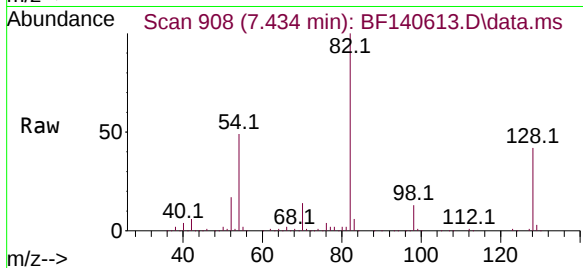
WB-310-BOTMS

Tgt Ion: 82 Resp: 43115
Ion Ratio Lower Upper
82 100
128 41.6 33.0 49.4
54 48.9 39.5 59.3

Manual Integrations

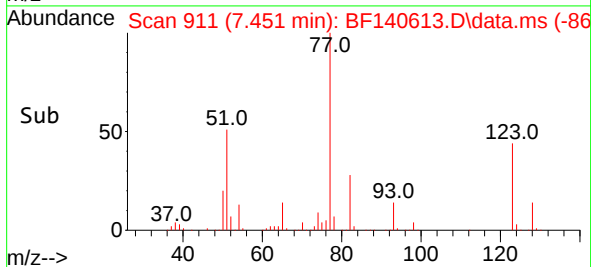
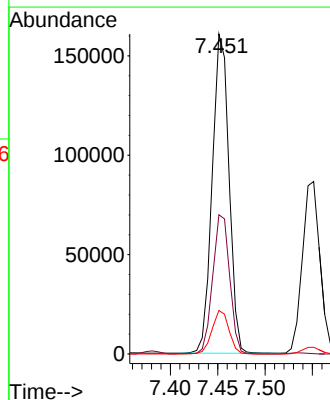
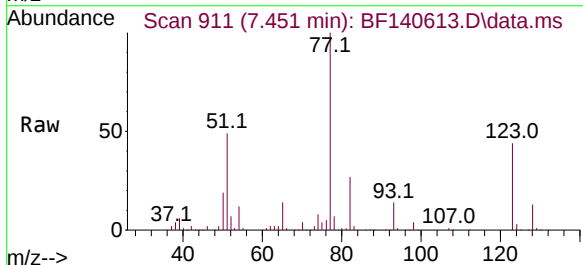
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 44.351 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion: 77 Resp: 198594
Ion Ratio Lower Upper
77 100
123 43.5 34.3 51.5
65 13.6 11.2 16.8





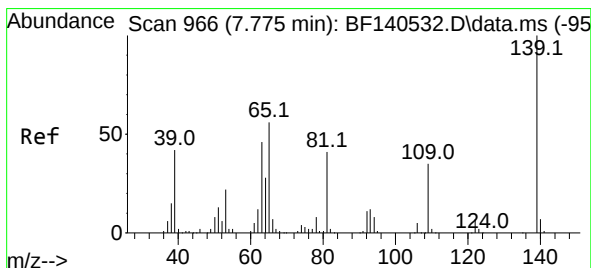
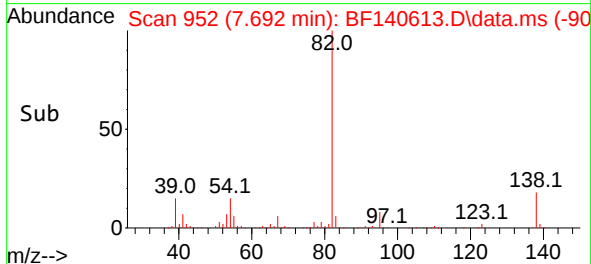
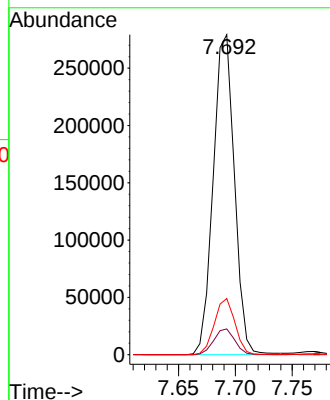
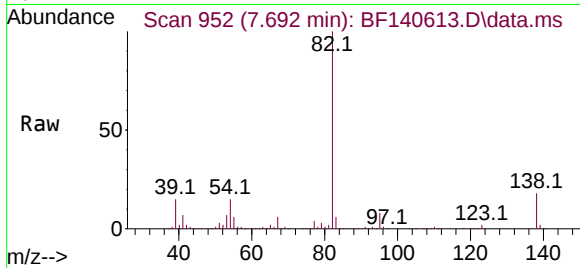
#25
Isophorone
Concen: 50.228 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion: 82 Resp: 36296
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.6 13.8 20.6

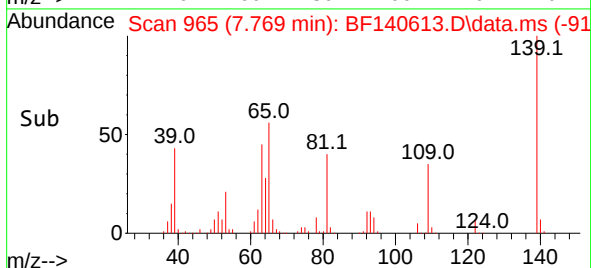
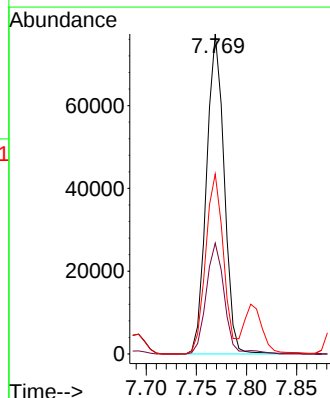
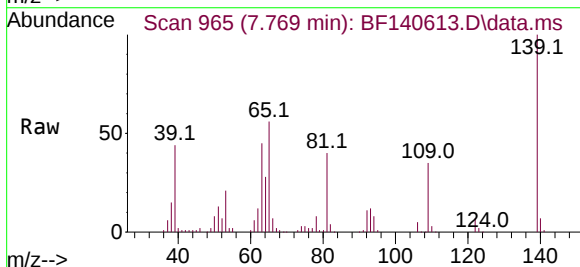
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 48.012 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:139 Resp: 95271
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 56.2 44.6 67.0





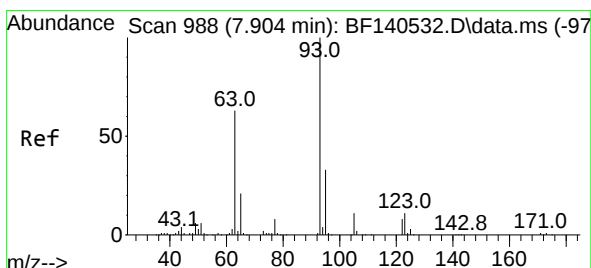
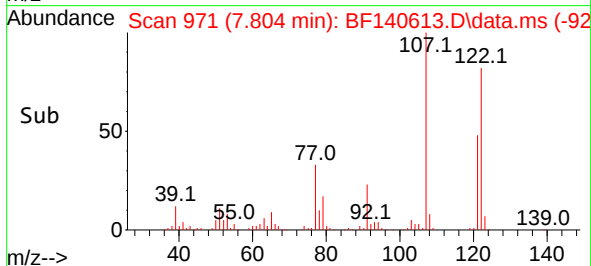
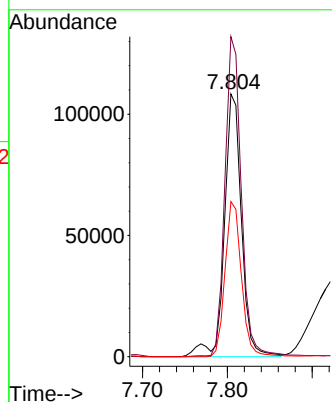
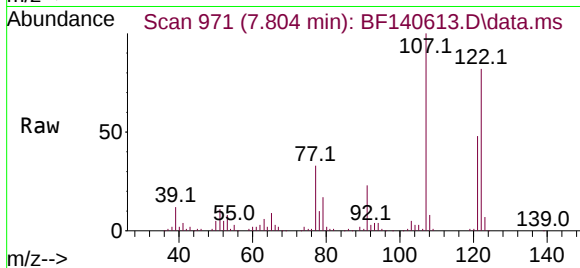
#27
2,4-Dimethylphenol
Concen: 63.841 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion:122 Resp: 15157
Ion Ratio Lower Upper
122 100
107 121.8 96.8 145.2
121 59.0 47.4 71.0

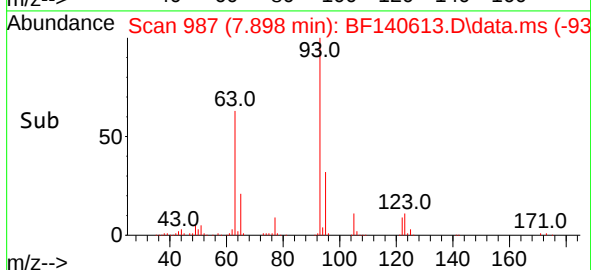
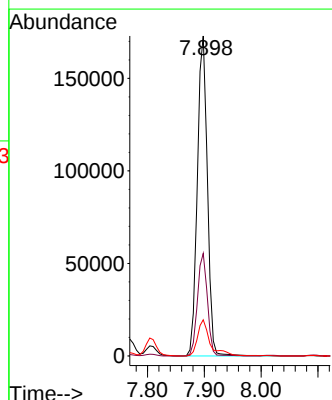
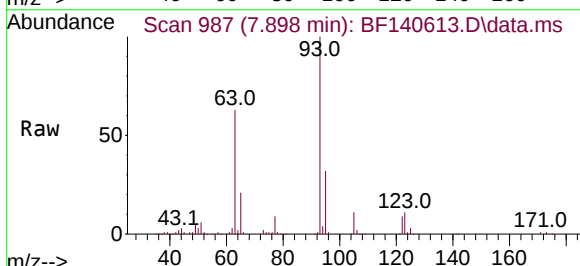
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.690 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion: 93 Resp: 214347
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 11.3 9.1 13.7





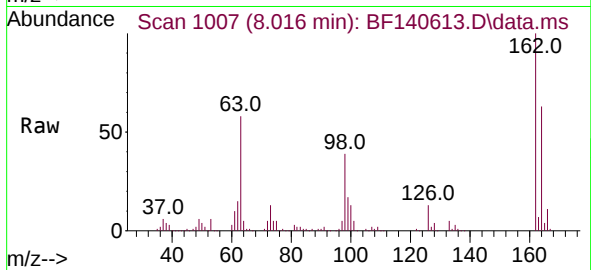
#29
2,4-Dichlorophenol
Concen: 51.518 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



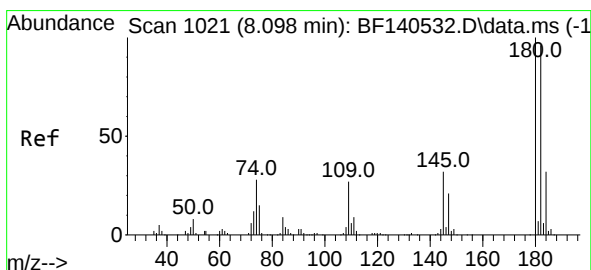
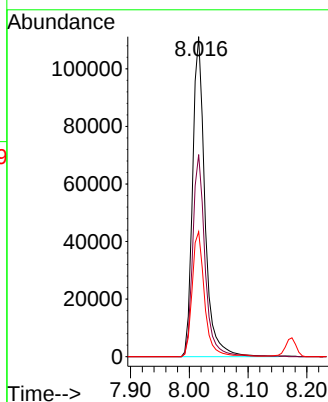
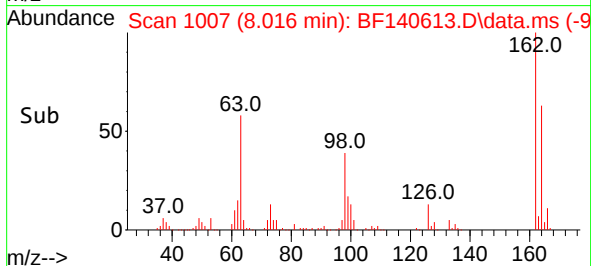
Tgt Ion:162 Resp: 162070
Ion Ratio Lower Upper
162 100
164 63.2 44.8 84.8
98 39.1 21.2 61.2

Manual Integrations

APPROVED

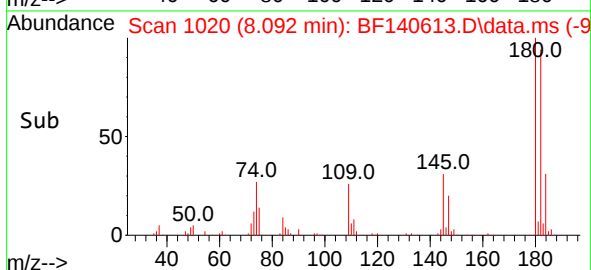
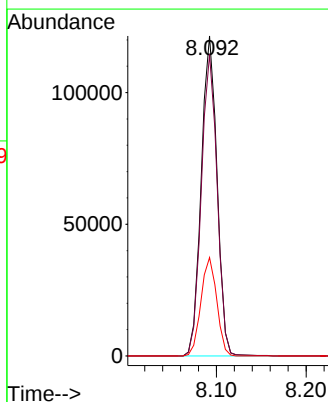
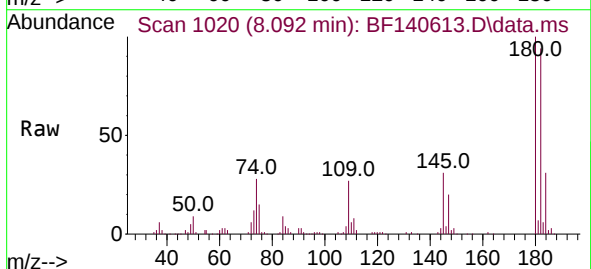
Reviewed By :Yogesh Patel 11/27/2024

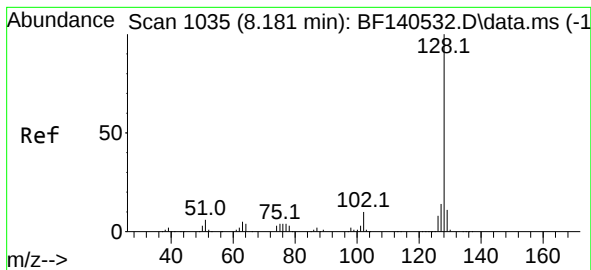
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.241 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

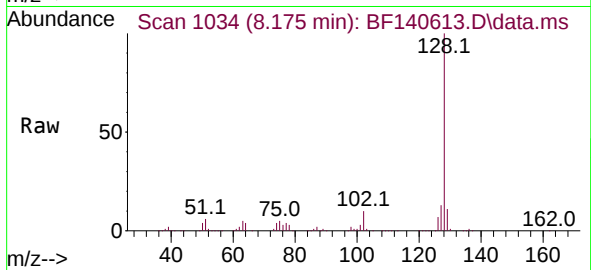
Tgt Ion:180 Resp: 148140
Ion Ratio Lower Upper
180 100
182 94.2 76.4 114.6
145 30.7 25.9 38.9





#31
Naphthalene
Concen: 44.625 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

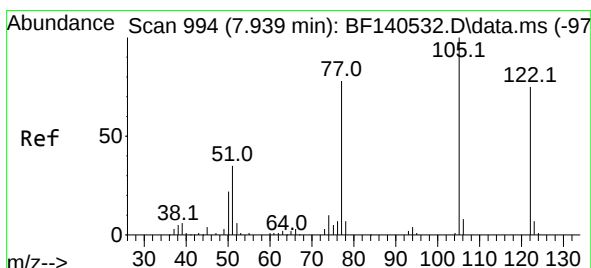
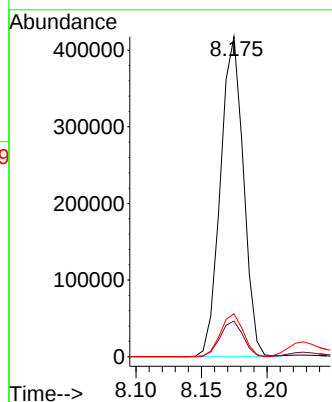
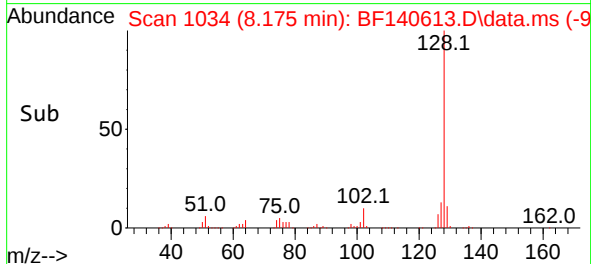
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:128 Resp: 50937
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2

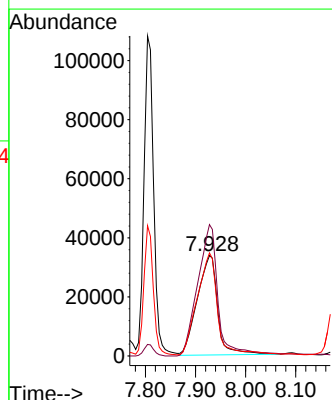
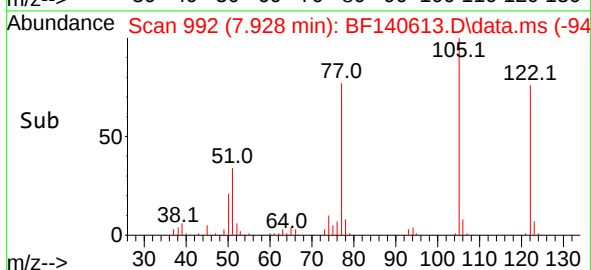
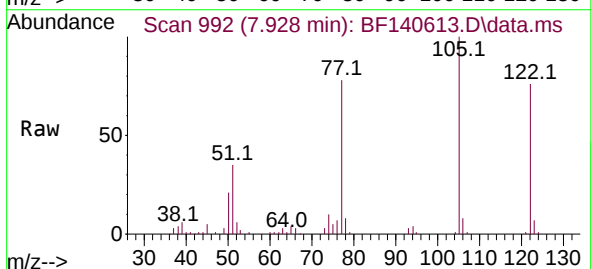
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 46.288 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:122 Resp: 95012
Ion Ratio Lower Upper
122 100
105 130.7 109.3 149.3
77 102.5 82.3 122.3





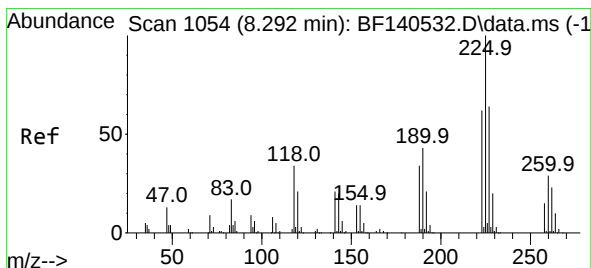
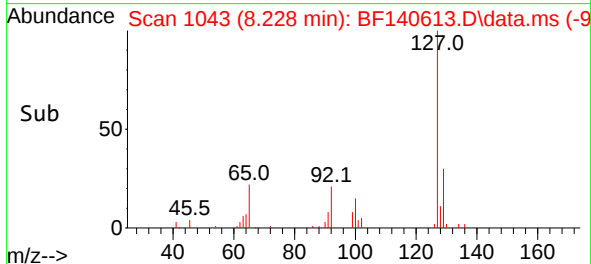
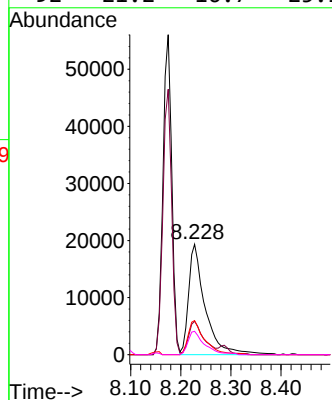
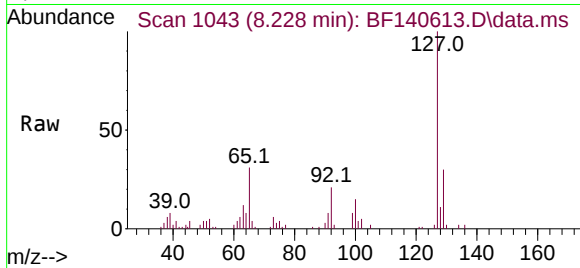
#33
4-Chloroaniline
Concen: 13.011 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion:	127	Resp:	4446
Ion Ratio	Lower	Upper	
127	100		
129	30.3	26.0	39.0
65	30.8	26.0	39.0
92	21.2	16.7	25.1

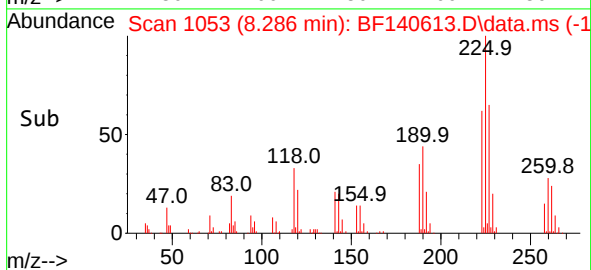
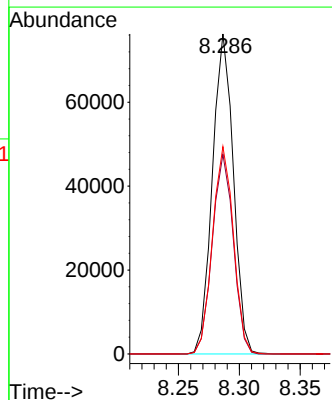
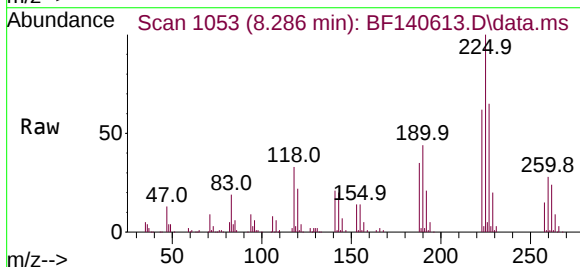
Manual Integrations
APPROVED

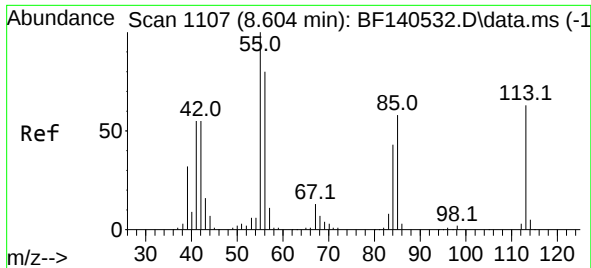
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 38.315 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

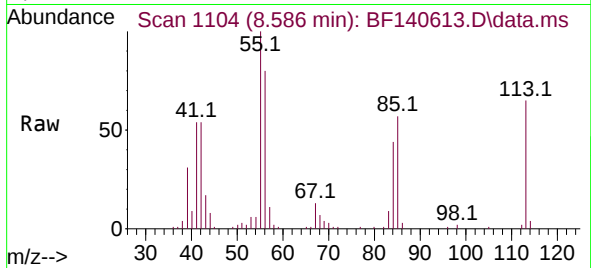
Tgt Ion:	225	Resp:	91159
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	64.8	51.3	76.9





#35
Caprolactam
Concen: 45.174 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

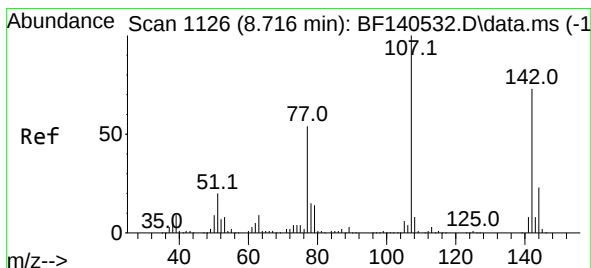
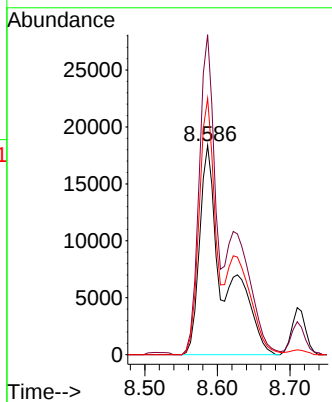
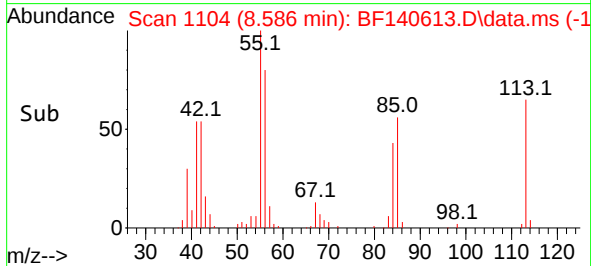
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:113 Resp: 4398
Ion Ratio Lower Upper
113 100
55 152.9 137.7 177.7
56 122.5 106.4 146.4

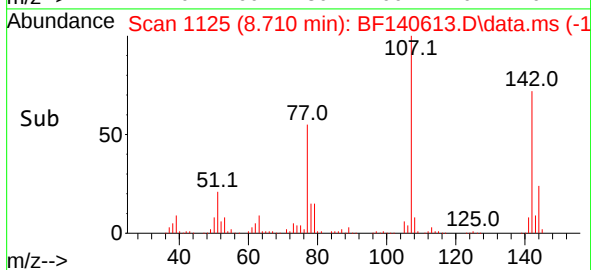
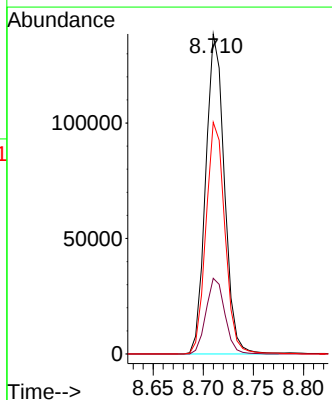
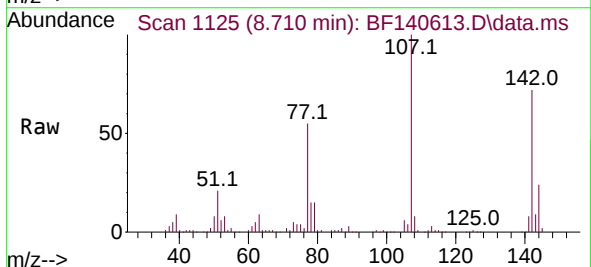
Manual Integrations
APPROVED

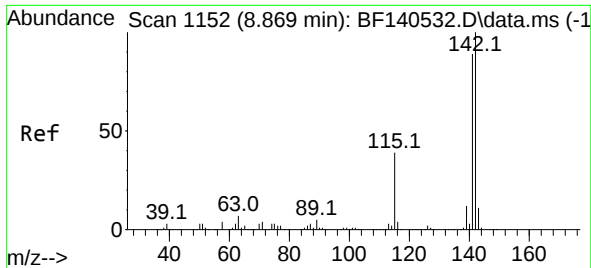
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 51.197 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:107 Resp: 180333
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 72.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.167 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:142 Resp: 35647

Ion Ratio Lower Upper

142 100

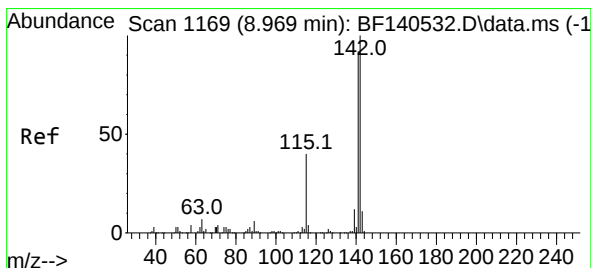
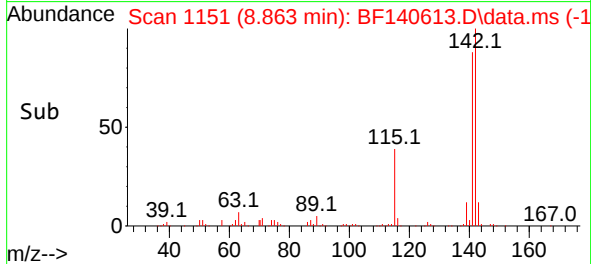
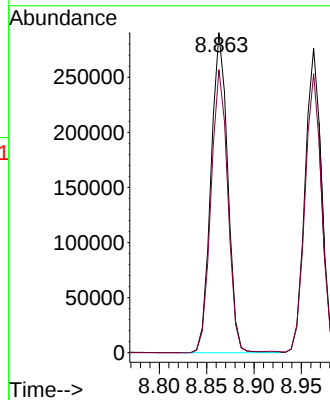
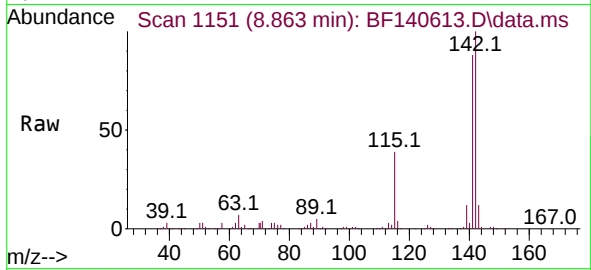
141 88.4 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 46.813 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140613.D

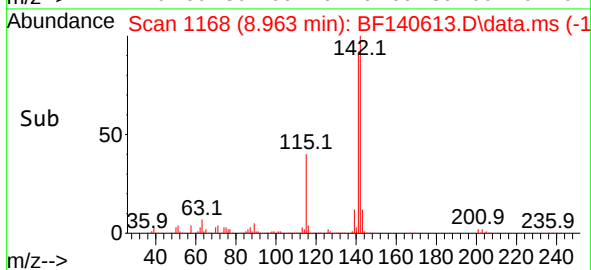
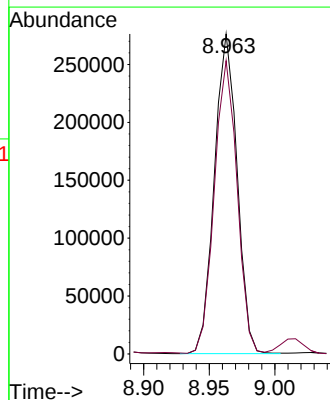
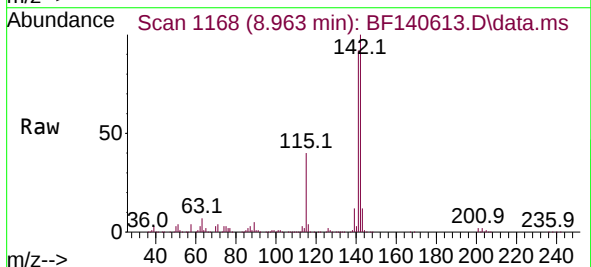
Acq: 25 Nov 2024 19:52

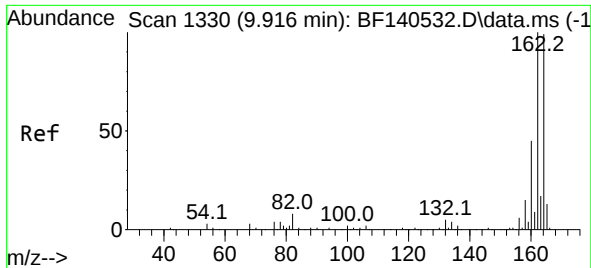
Tgt Ion:142 Resp: 332678

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140613.D

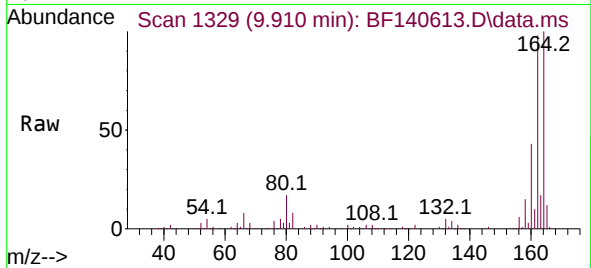
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



Tgt Ion:164 Resp: 122179

Ion Ratio Lower Upper

164 100

162 98.0 80.6 120.8

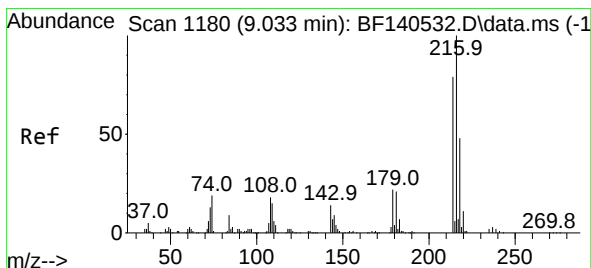
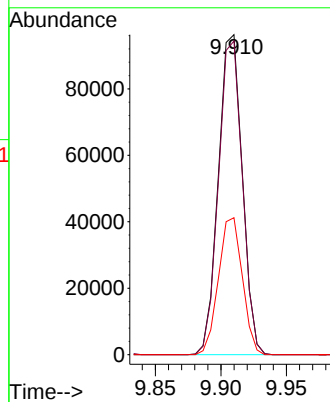
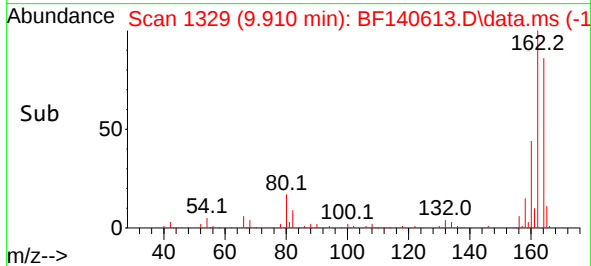
160 42.8 36.2 54.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.264 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Tgt Ion:216 Resp: 176202

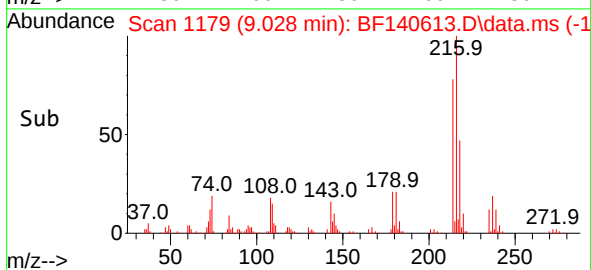
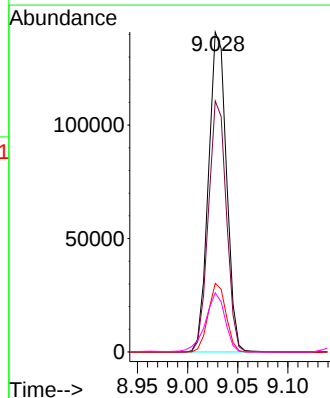
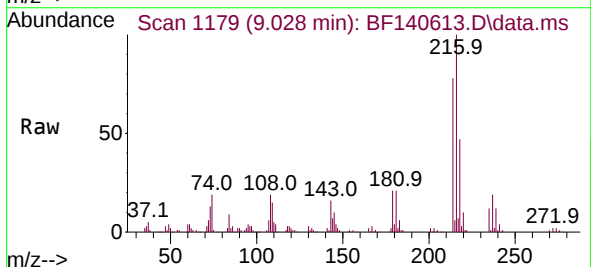
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 21.1 17.5 26.3

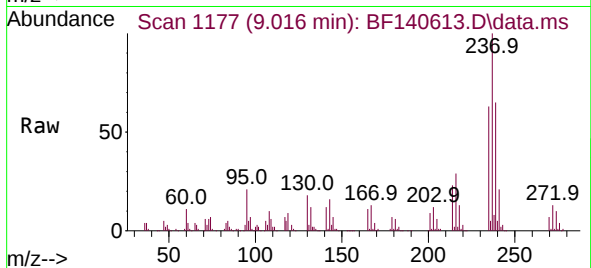
108 20.3 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 156.436 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

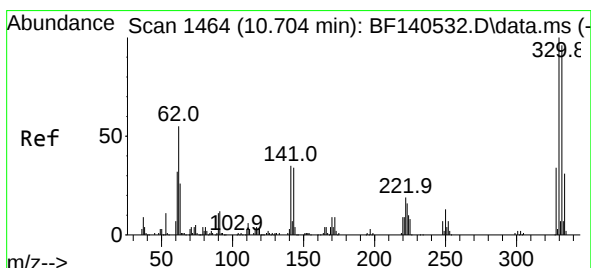
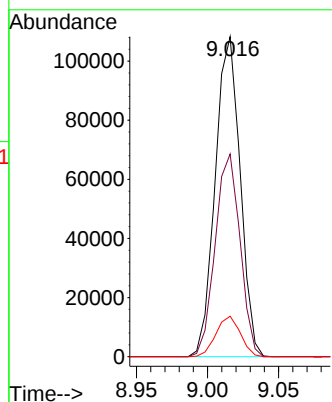
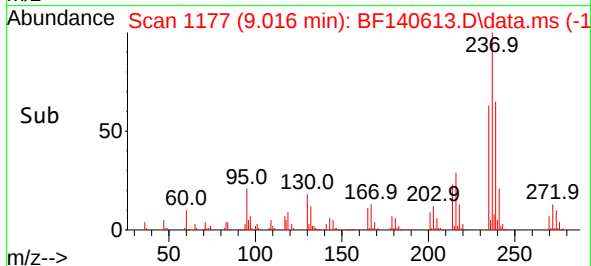
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



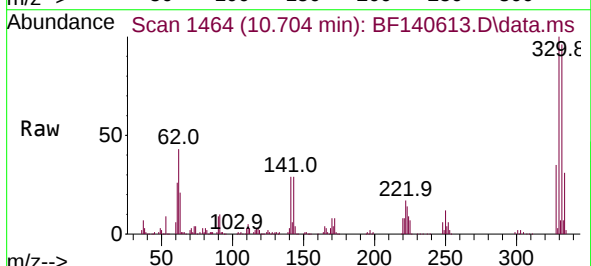
Tgt Ion:237 Resp: 13193
Ion Ratio Lower Upper
237 100
235 63.3 41.1 81.1
272 12.6 0.0 32.6

Manual Integrations
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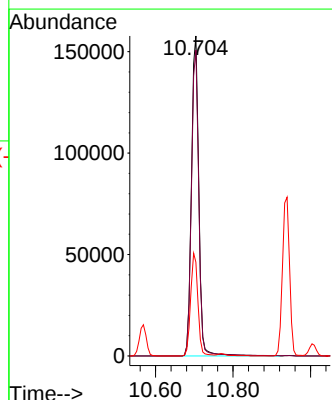
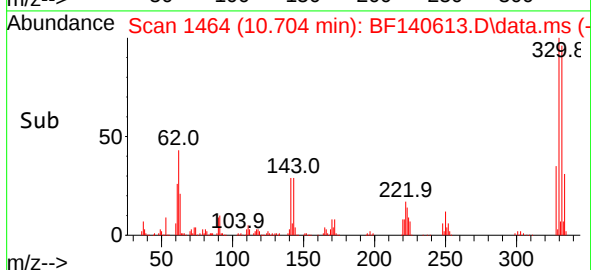
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 158.655 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



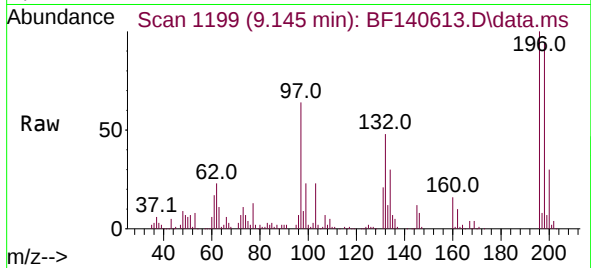
Tgt Ion:330 Resp: 207310
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 31.9 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 51.622 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

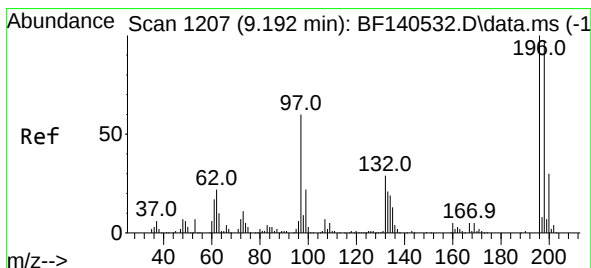
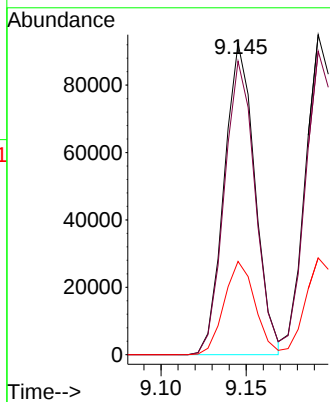
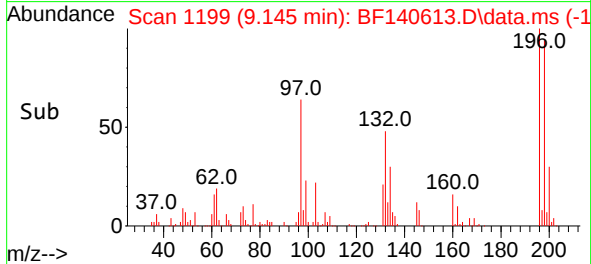
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:196 Resp: 115850
Ion Ratio Lower Upper
196 100
198 94.2 76.8 115.2
200 30.0 24.3 36.5

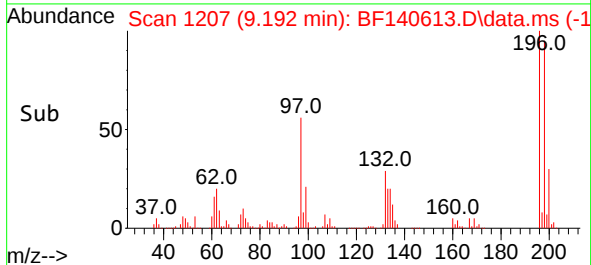
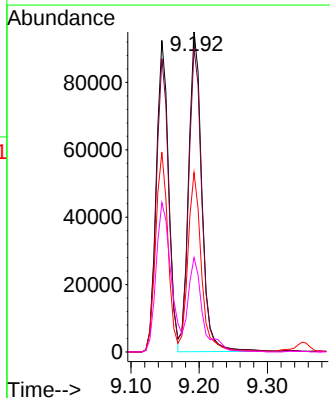
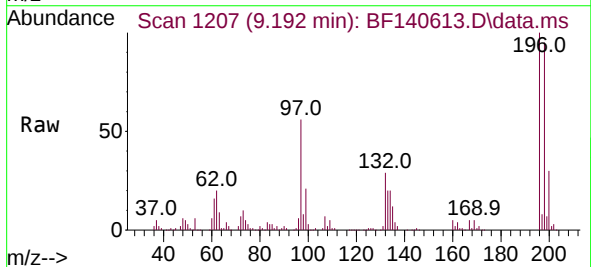
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 51.974 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

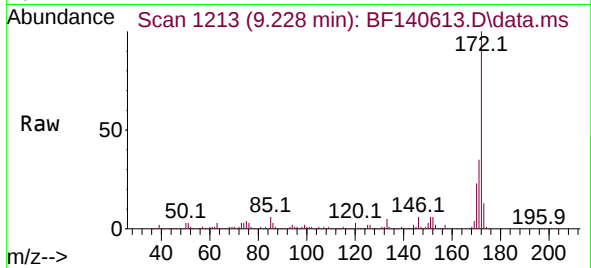
Tgt Ion:196 Resp: 126594
Ion Ratio Lower Upper
196 100
198 94.9 77.2 115.8
97 56.0 47.1 70.7
132 29.5 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 96.815 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

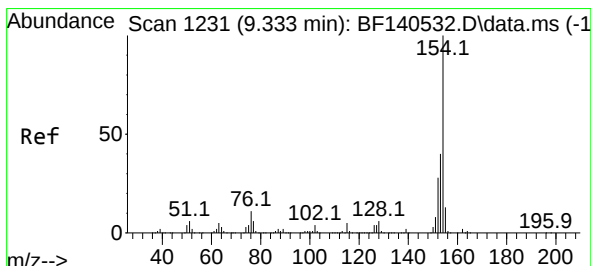
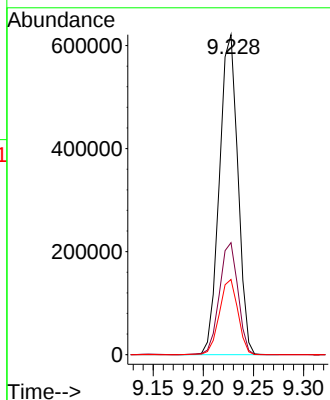
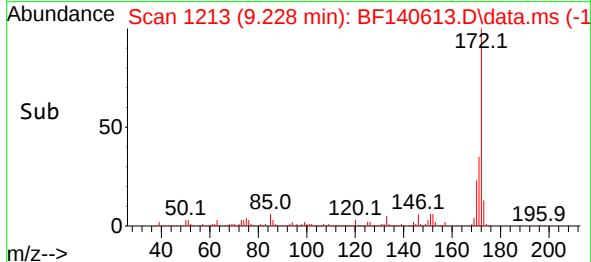
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



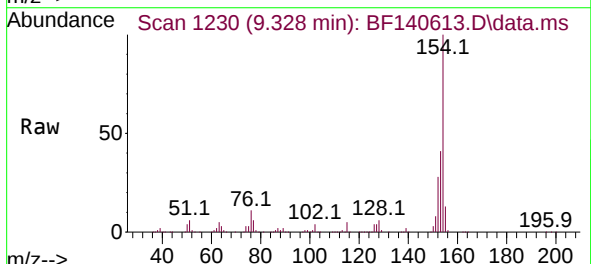
Tgt Ion:172 Resp: 79387
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 19.0 28.6

Manual Integrations
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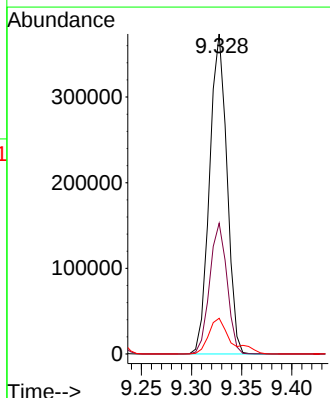
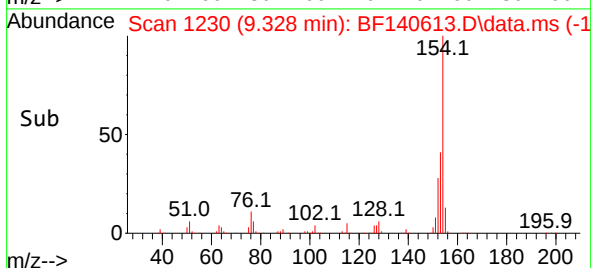
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

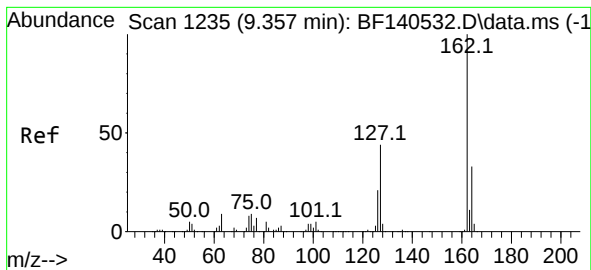


#46
1,1'-Biphenyl
Concen: 49.479 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:154 Resp: 451328
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.185 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:162 Resp: 33995

Ion Ratio Lower Upper

162 100

127 44.4 35.7 53.5

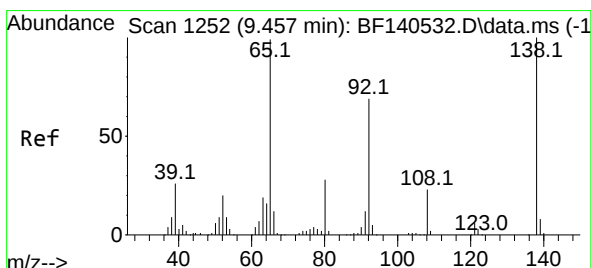
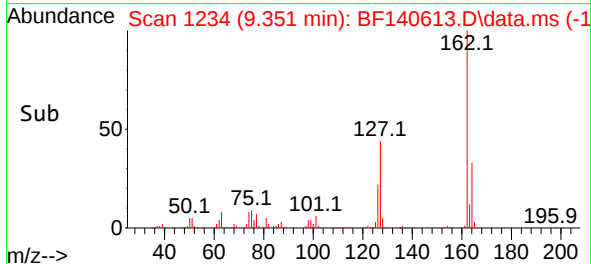
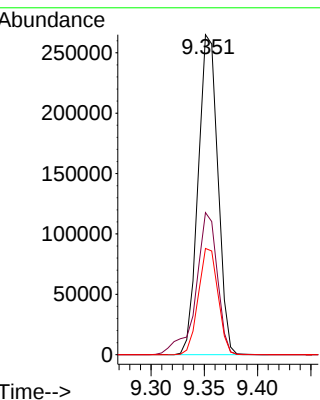
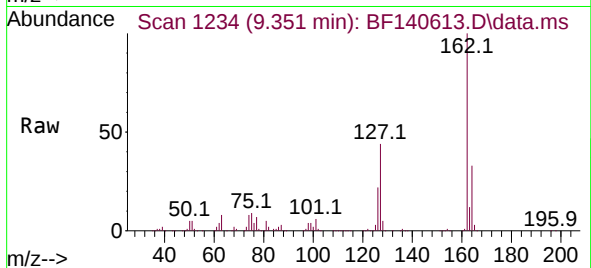
164 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 54.983 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

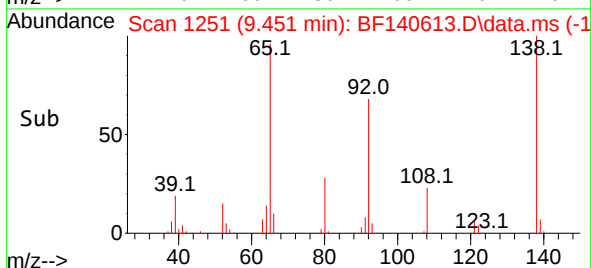
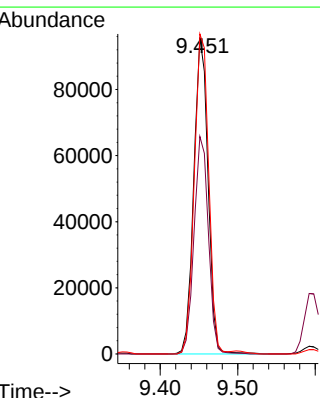
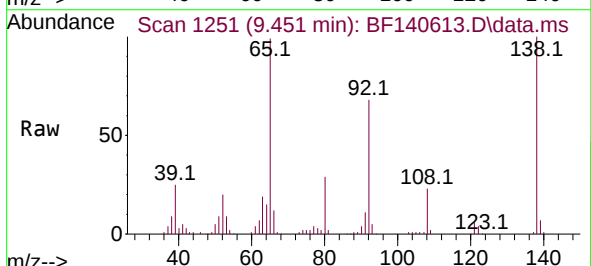
Tgt Ion: 65 Resp: 121982

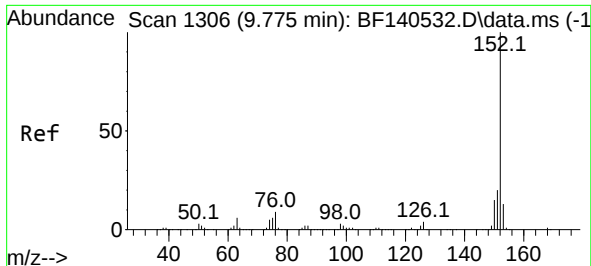
Ion Ratio Lower Upper

65 100

92 68.7 56.1 84.1

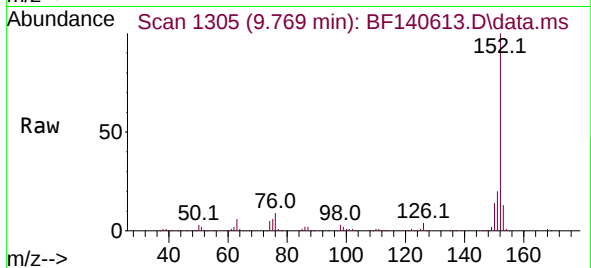
138 101.1 81.0 121.6





#49
Acenaphthylene
Concen: 55.241 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

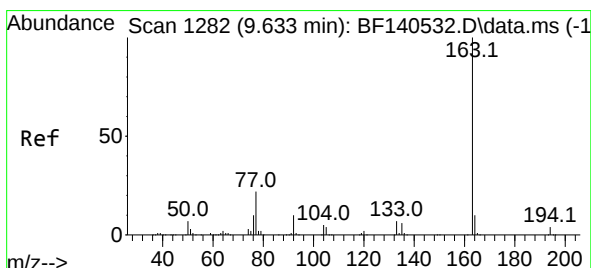
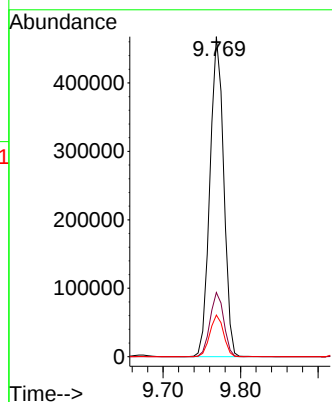
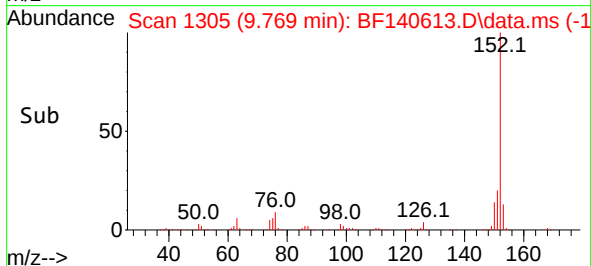
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



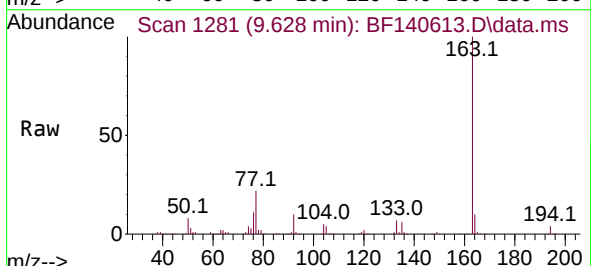
Tgt Ion:152 Resp: 576890
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.0 10.6 16.0

Manual Integrations
APPROVED

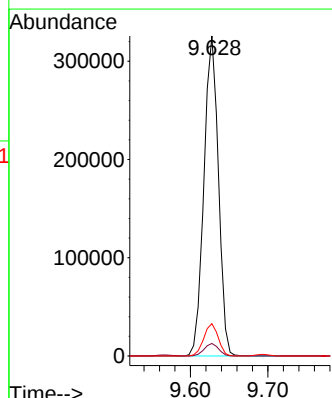
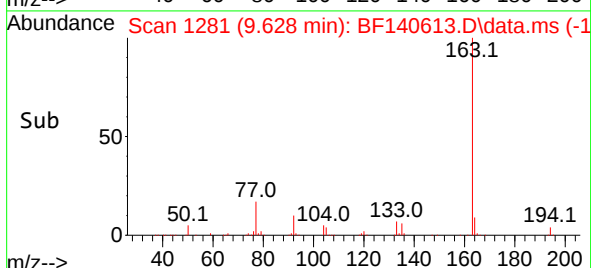
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

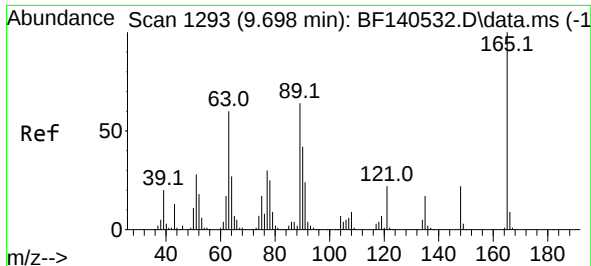


#50
Dimethylphthalate
Concen: 52.582 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:163 Resp: 423095
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2





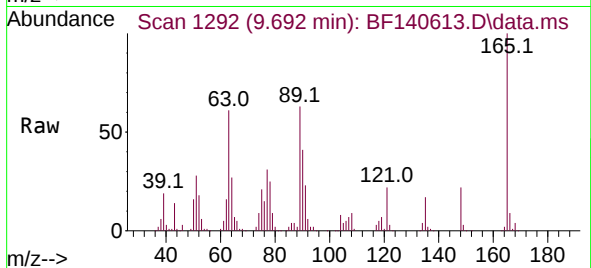
#51
2,6-Dinitrotoluene
Concen: 50.606 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



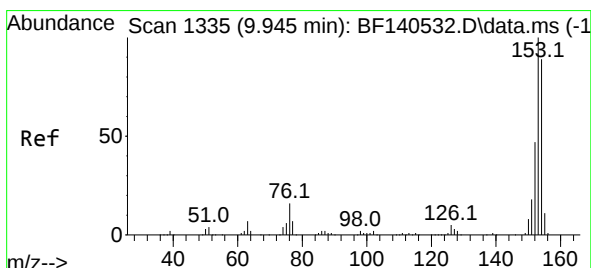
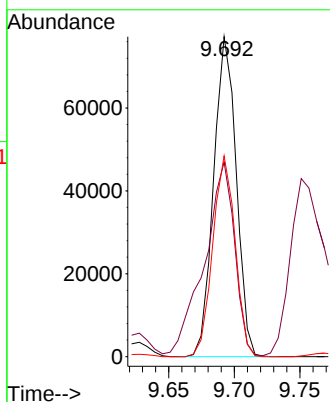
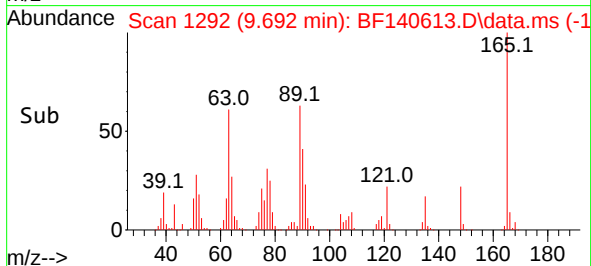
Tgt Ion:165 Resp: 92350
Ion Ratio Lower Upper
165 100
63 60.8 49.9 74.9
89 62.7 50.9 76.3

Manual Integrations

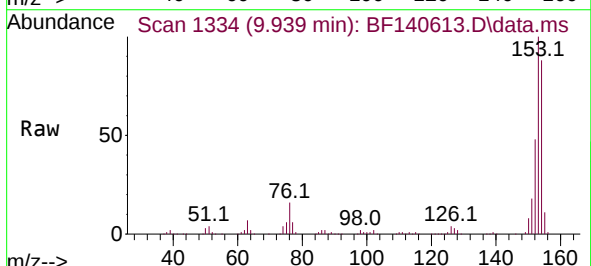
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

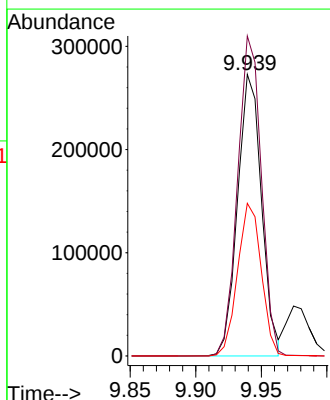
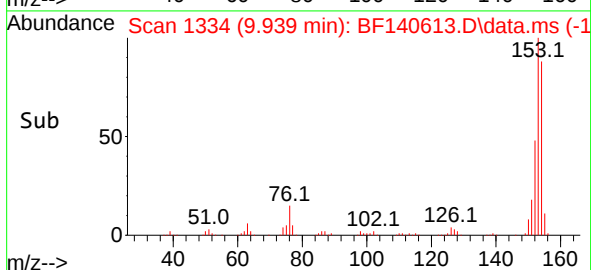
Supervised By :mohammad ahmed 11/27/2024

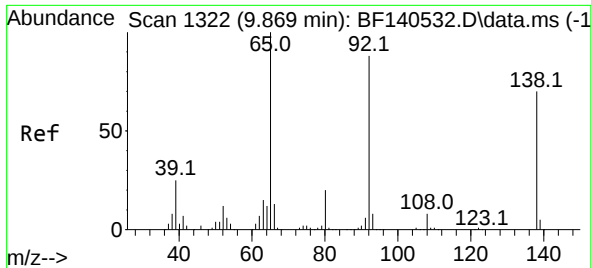


#52
Acenaphthene
Concen: 52.317 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:154 Resp: 347150
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 54.2 42.5 63.7





#53
3-Nitroaniline
Concen: 22.597 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

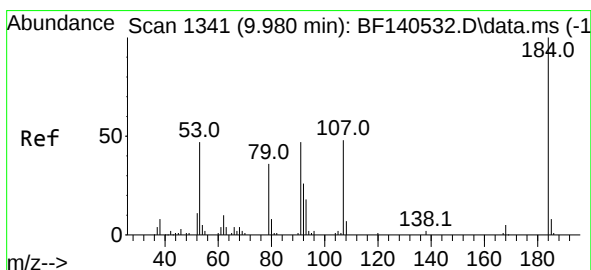
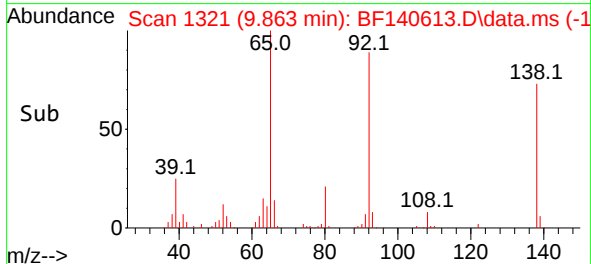
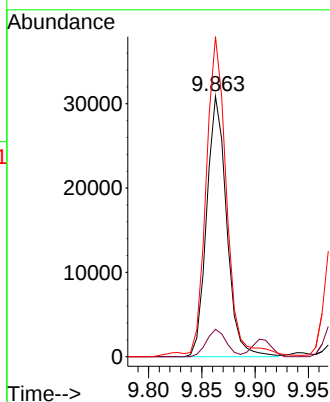
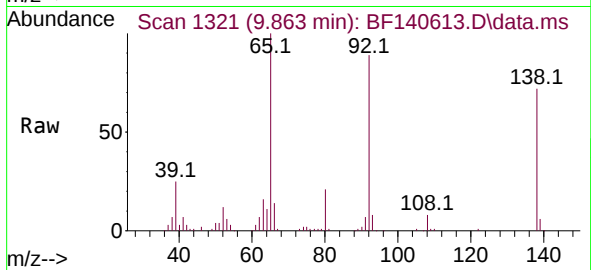
WB-310-BOTMS

Tgt Ion:138 Resp: 4033
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 122.8 100.6 150.8

Manual Integrations

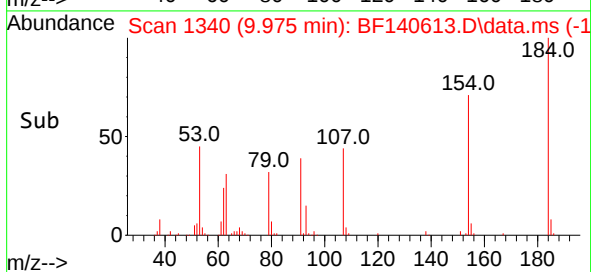
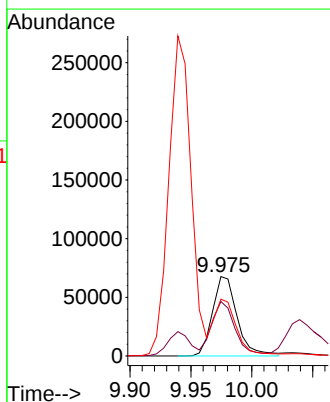
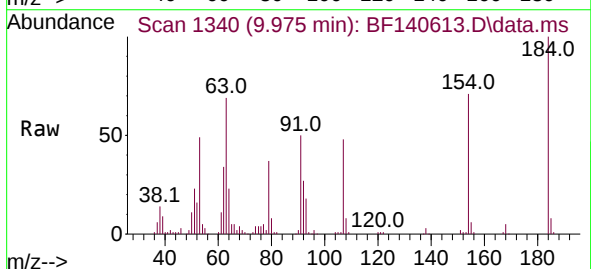
APPROVED

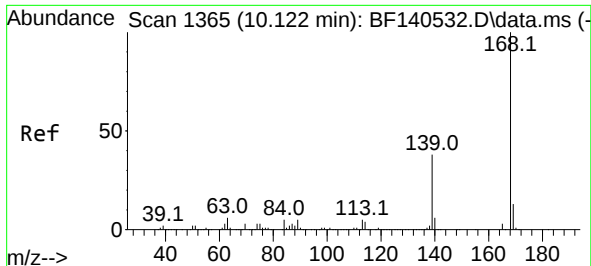
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 99.083 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

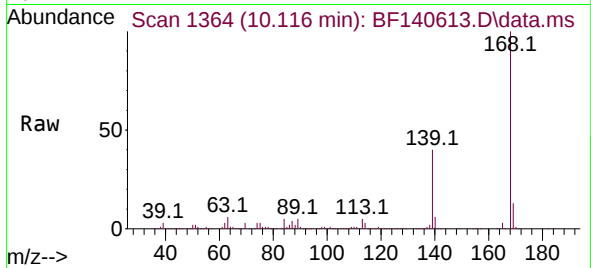
Tgt Ion:184 Resp: 95599
Ion Ratio Lower Upper
184 100
63 68.6 54.1 81.1
154 71.5 57.4 86.0





#55
Dibenzofuran
Concen: 52.289 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

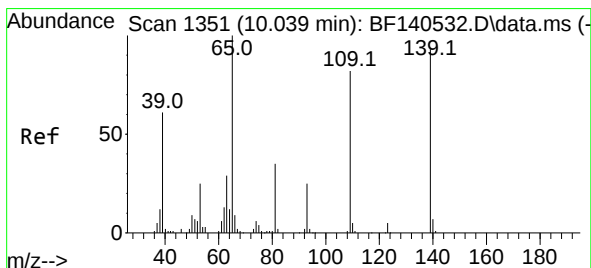
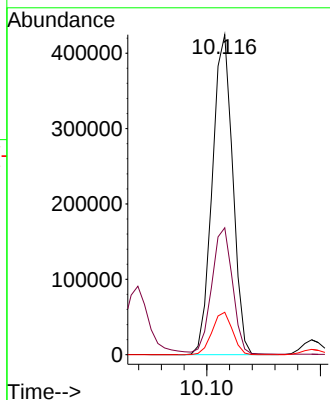
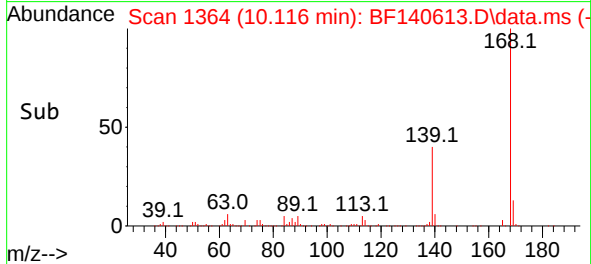
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:168 Resp: 529228
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.2 10.5 15.7

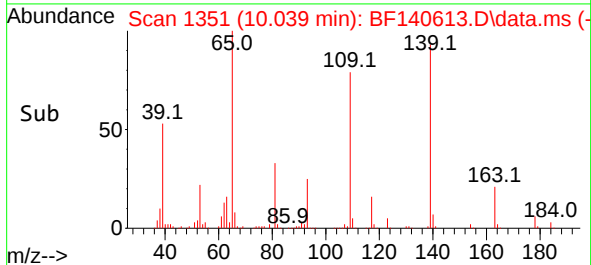
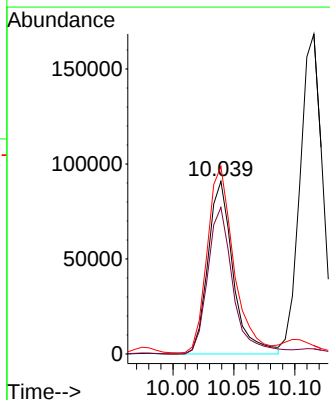
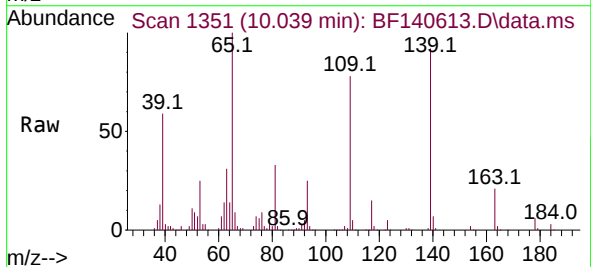
Manual Integrations
APPROVED

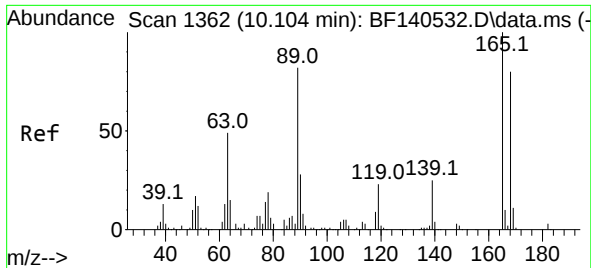
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 107.491 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:139 Resp: 130842
Ion Ratio Lower Upper
139 100
109 84.8 68.4 108.4
65 108.6 88.6 128.6





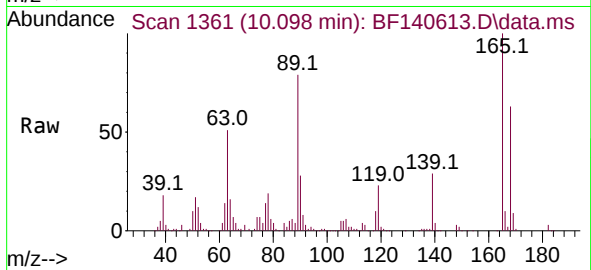
#57
2,4-Dinitrotoluene
Concen: 54.377 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



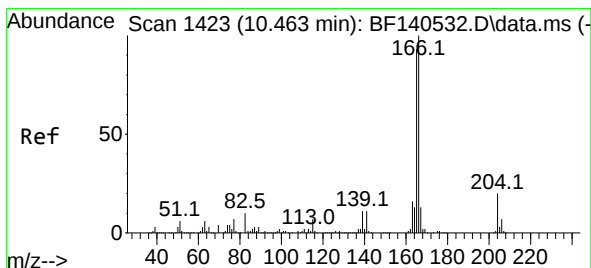
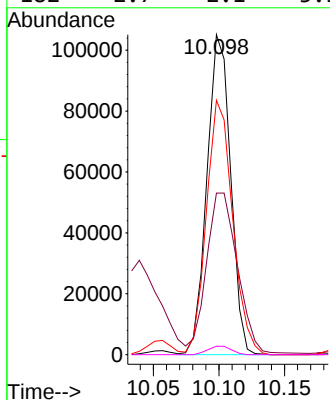
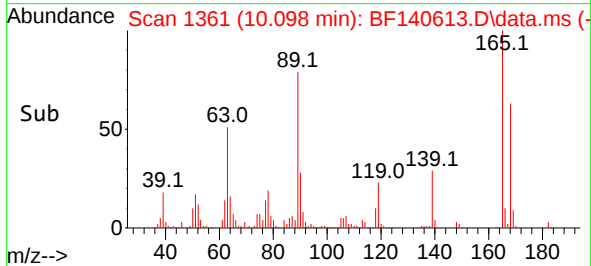
Tgt Ion:165 Resp: 13188
Ion Ratio Lower Upper
165 100
63 50.5 41.7 62.5
89 79.5 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

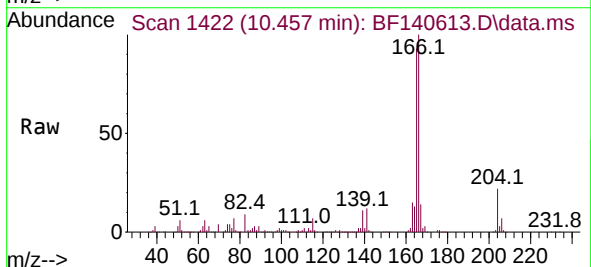
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

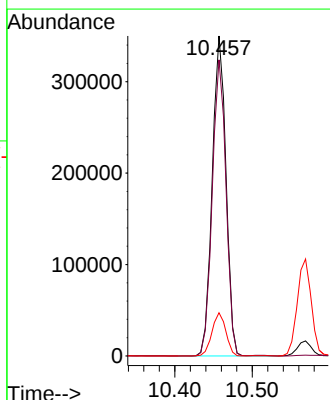
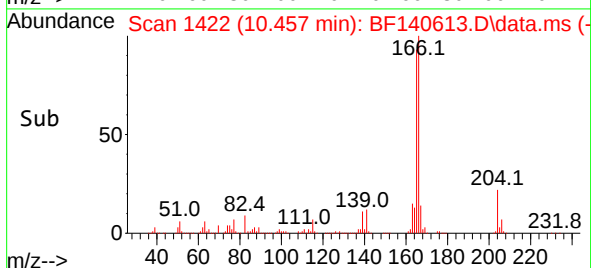
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 52.995 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



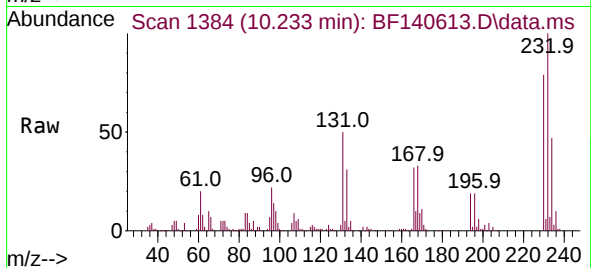
Tgt Ion:166 Resp: 430529
Ion Ratio Lower Upper
166 100
165 92.6 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.712 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

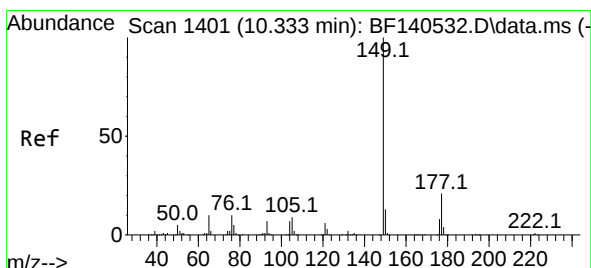
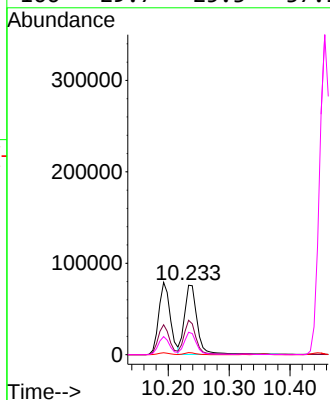
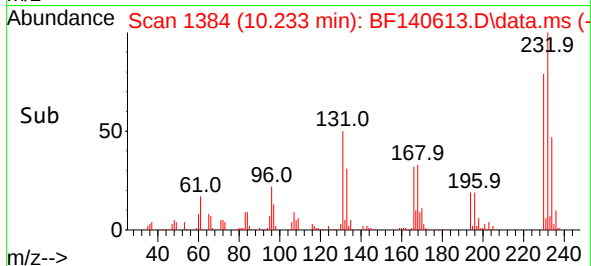
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:232 Resp: 109900
Ion Ratio Lower Upper
232 100
131 44.9 39.6 59.4
130 2.7 1.9 2.9
166 29.7 25.3 37.9

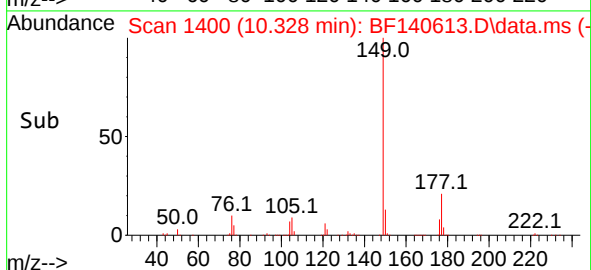
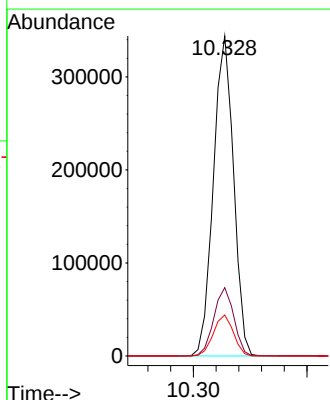
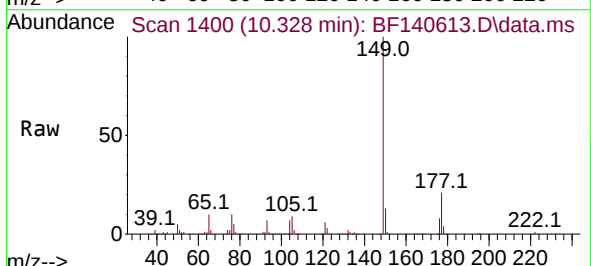
Manual Integrations
APPROVED

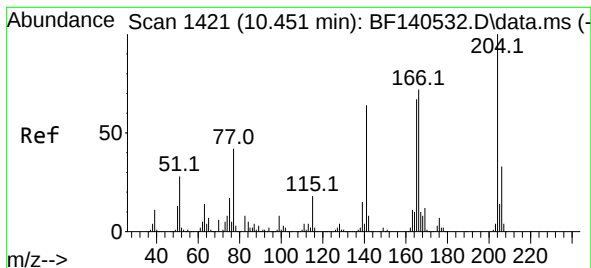
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 51.869 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

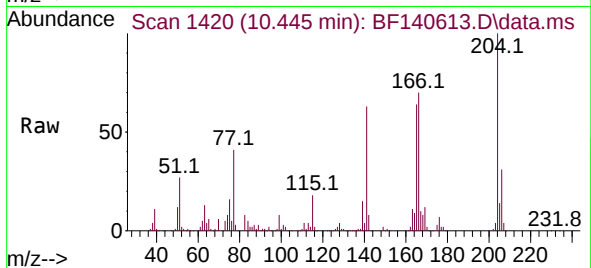
Tgt Ion:149 Resp: 424041
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 52.113 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

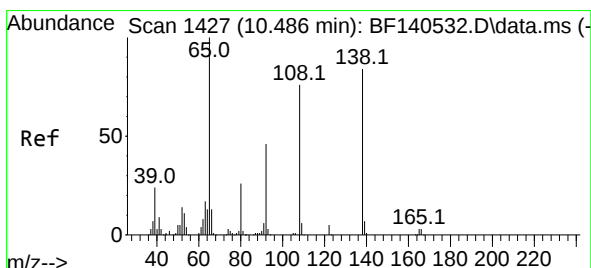
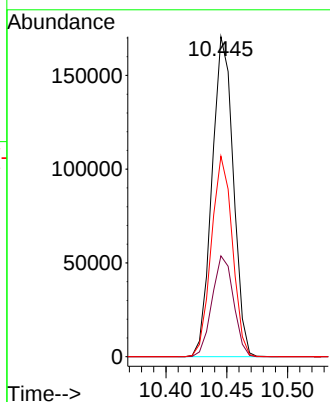
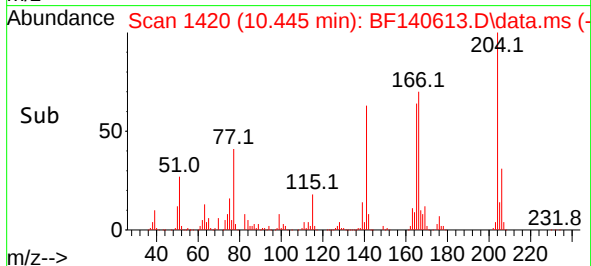
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



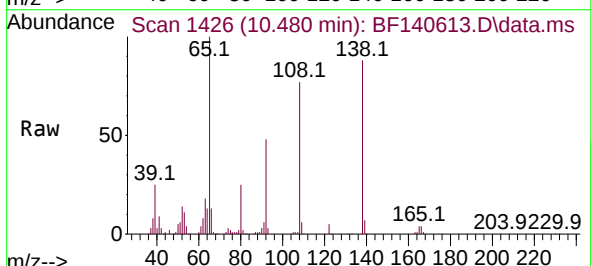
Tgt Ion:204 Resp: 207770
Ion Ratio Lower Upper
204 100
206 31.5 26.6 40.0
141 62.6 51.1 76.7

Manual Integrations
APPROVED

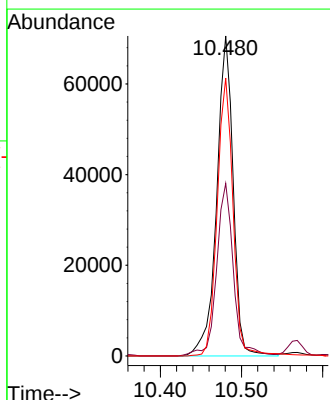
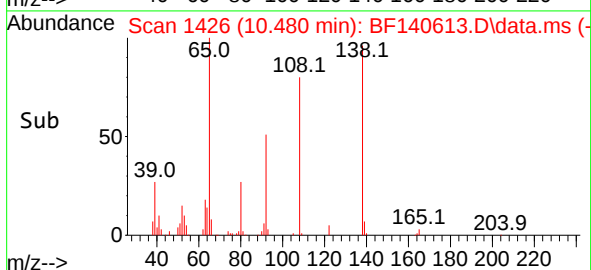
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

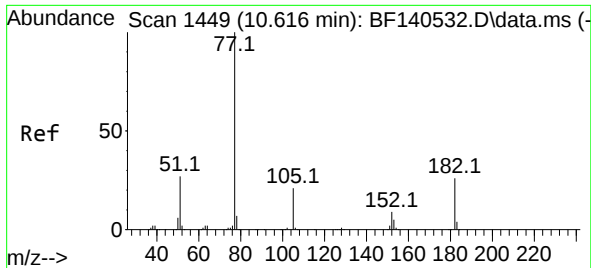


#62
4-Nitroaniline
Concen: 53.467 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:138 Resp: 100087
Ion Ratio Lower Upper
138 100
92 53.9 34.5 74.5
108 86.9 70.6 110.6





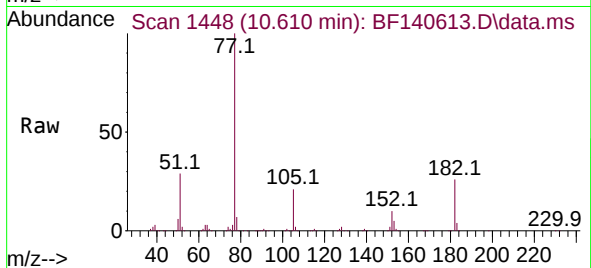
#63
Azobenzene
Concen: 52.614 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



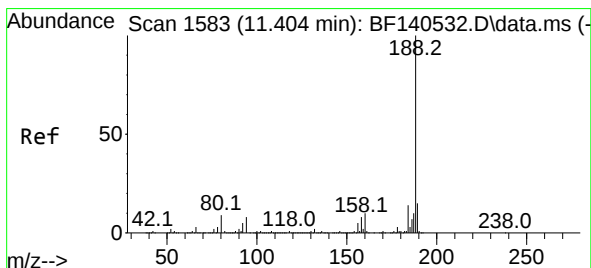
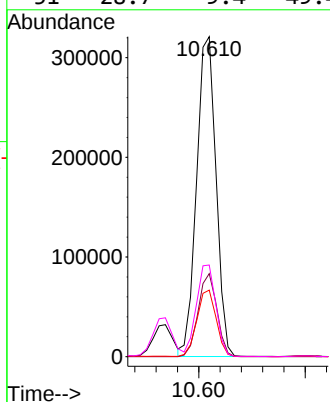
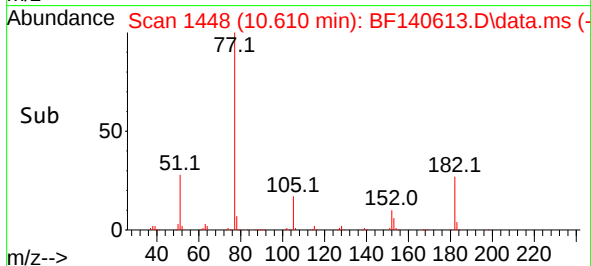
Tgt Ion: 77 Resp: 407330
Ion Ratio Lower Upper
77 100
182 25.9 5.3 45.3
105 20.8 0.3 40.3
51 28.7 9.4 49.4

Manual Integrations

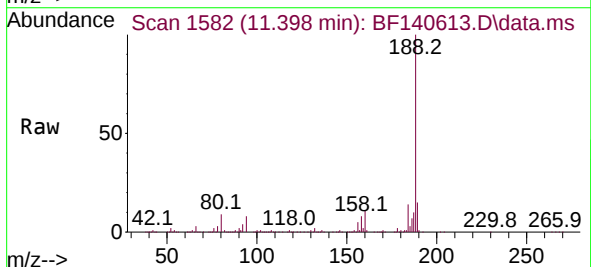
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

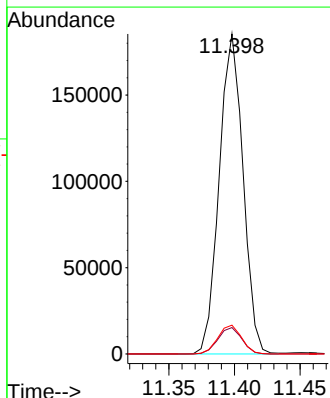
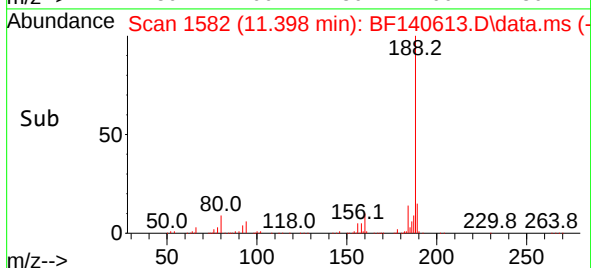
Supervised By :mohammad ahmed 11/27/2024

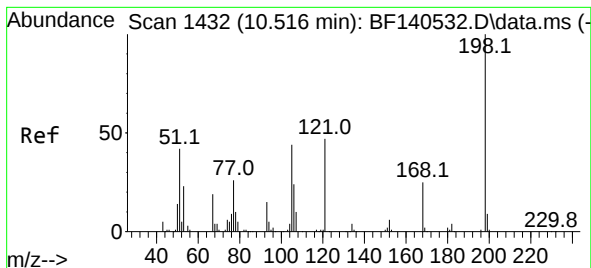


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:188 Resp: 233749
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.0 6.9 10.3





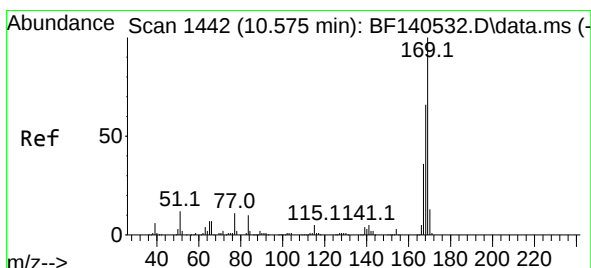
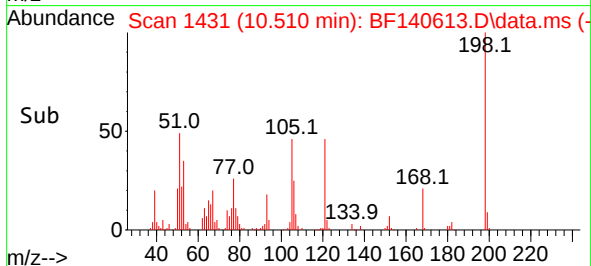
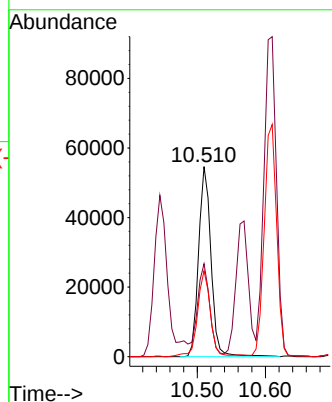
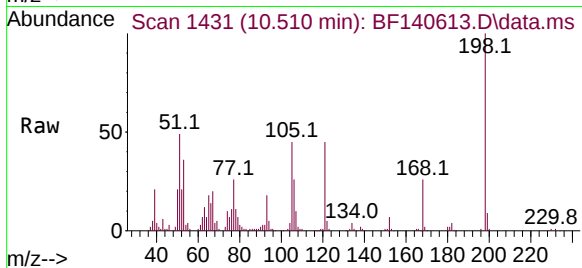
#65
4,6-Dinitro-2-methylphenol
Concen: 57.952 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion:198 Resp: 6922
Ion Ratio Lower Upper
198 100
51 48.9 29.4 69.4
105 45.2 25.4 65.4

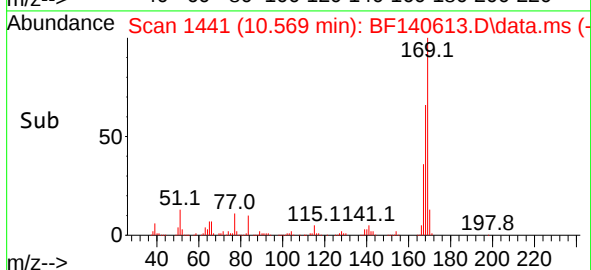
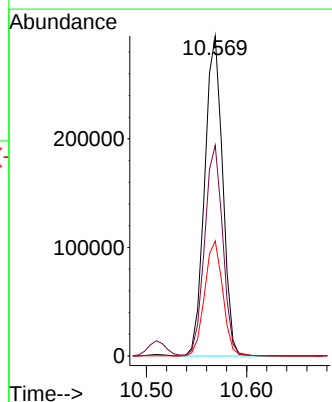
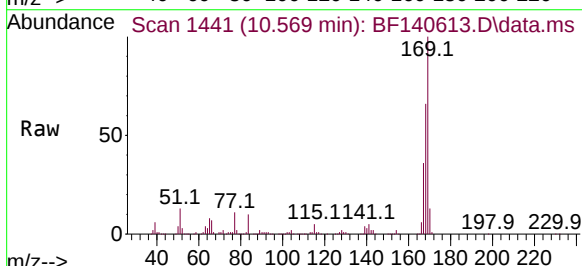
Manual Integrations
APPROVED

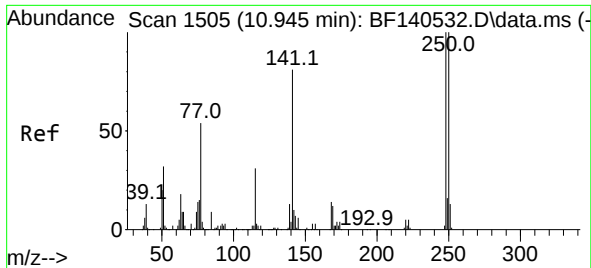
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 53.052 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

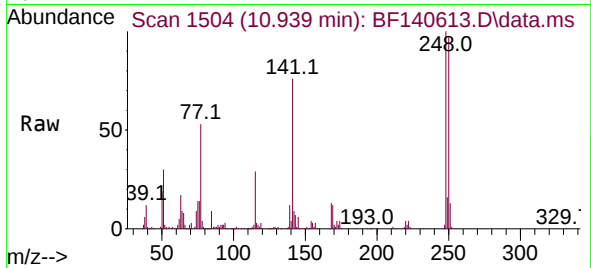
Tgt Ion:169 Resp: 366728
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 51.713 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

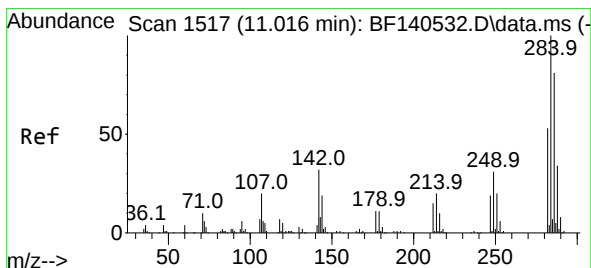
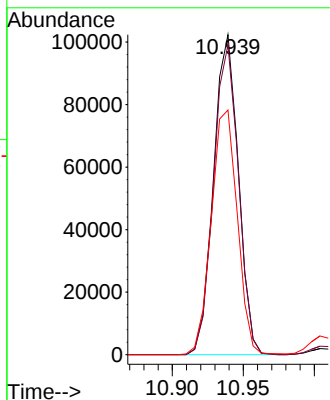
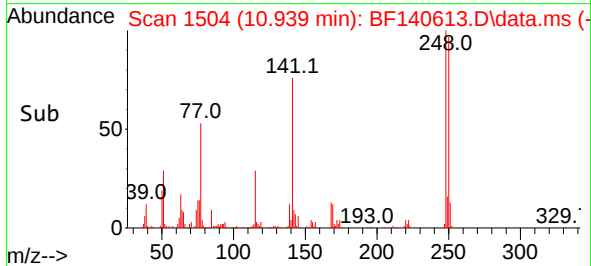
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:248 Resp: 124480
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 76.5 64.7 97.1

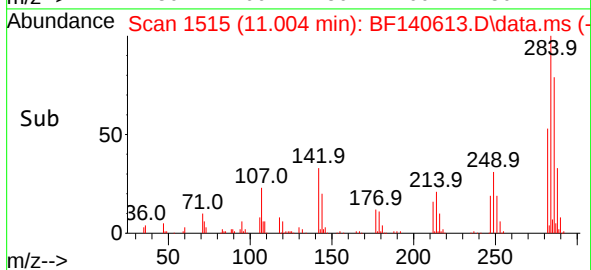
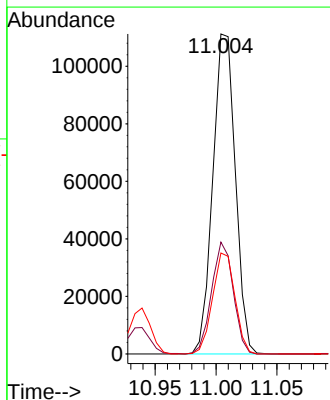
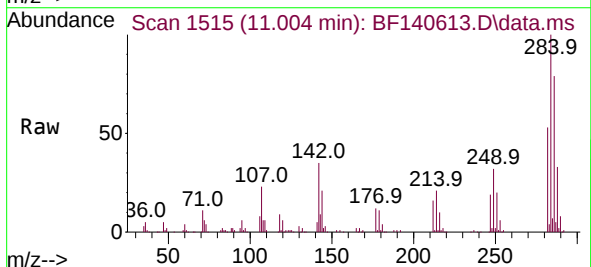
Manual Integrations
APPROVED

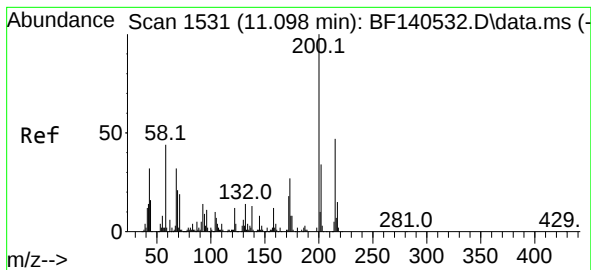
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 51.347 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Tgt Ion:284 Resp: 143124
Ion Ratio Lower Upper
284 100
142 35.0 25.3 37.9
249 31.6 24.8 37.2





#69

Atrazine

Concen: 62.436 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:200 Resp: 12141

Ion Ratio Lower Upper

200 100

173 27.6 7.0 47.0

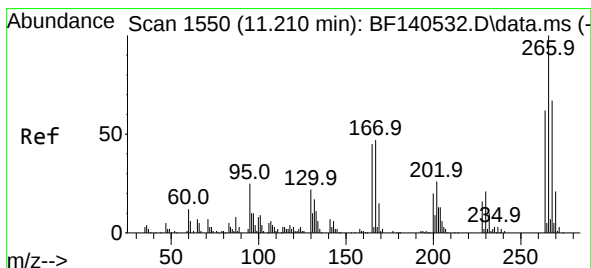
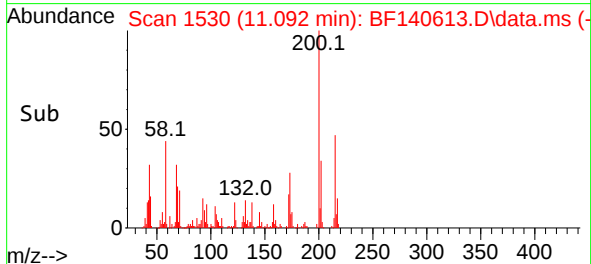
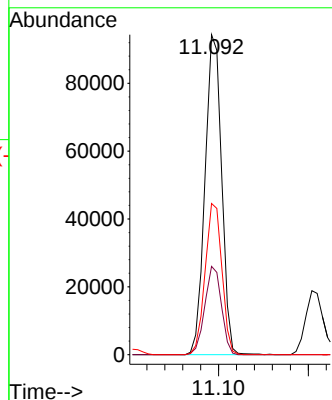
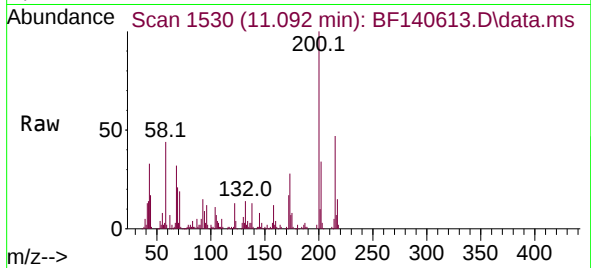
215 47.2 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 118.513 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

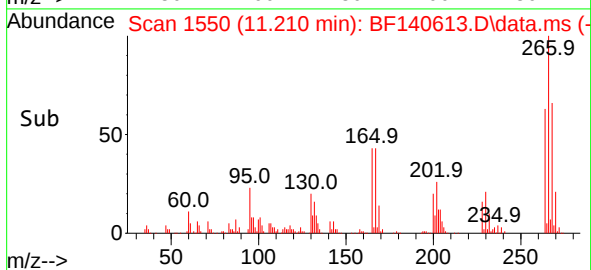
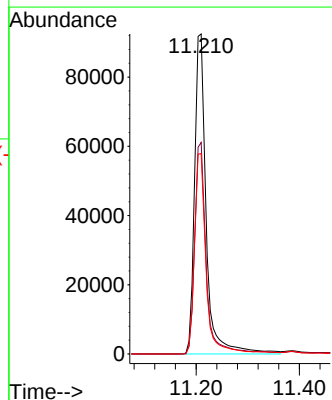
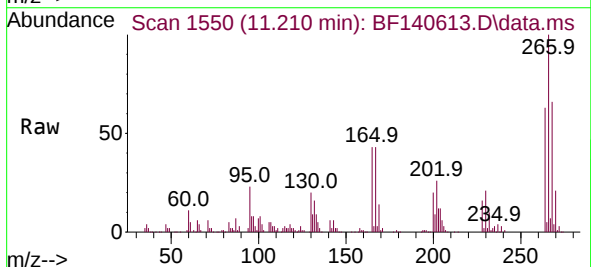
Tgt Ion:266 Resp: 145390

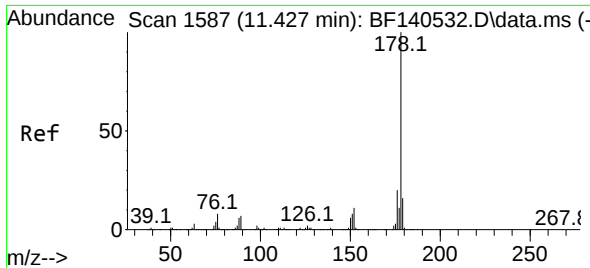
Ion Ratio Lower Upper

266 100

268 66.1 53.7 80.5

264 62.6 49.8 74.8





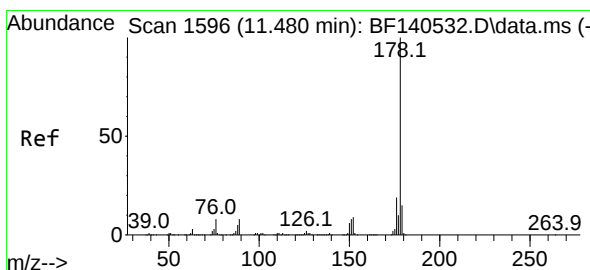
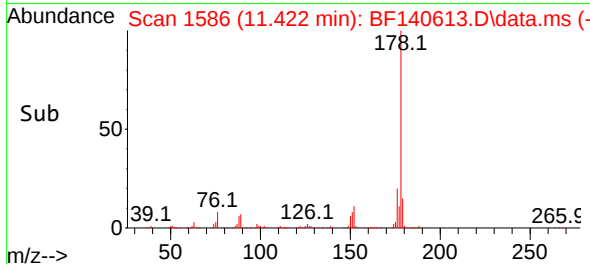
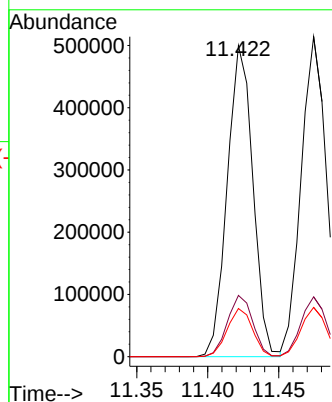
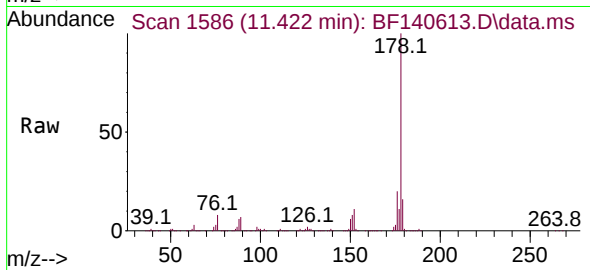
#71
Phenanthrene
Concen: 55.878 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Tgt Ion:178 Resp: 62784
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.4 18.6

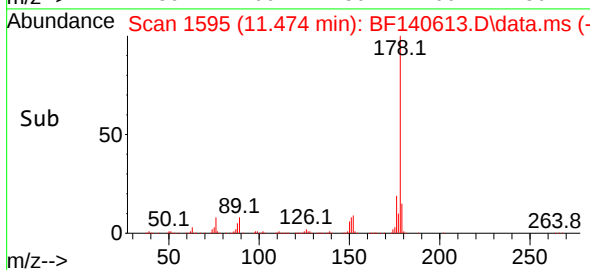
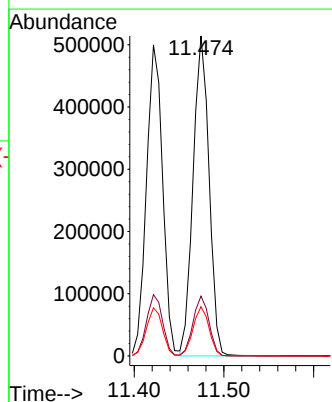
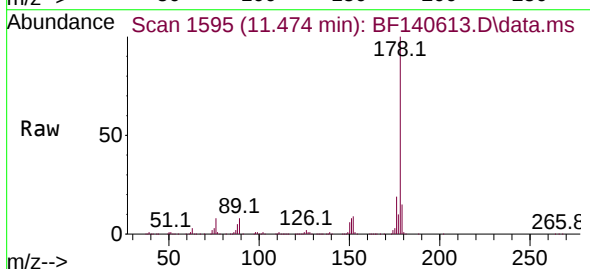
Manual Integrations
APPROVED

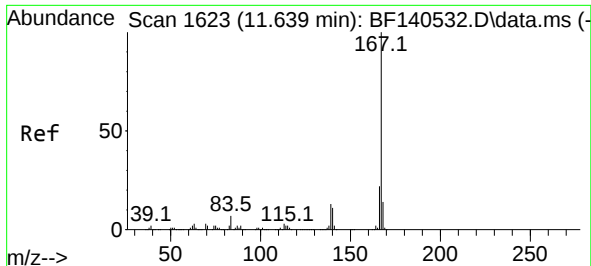
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 57.796 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

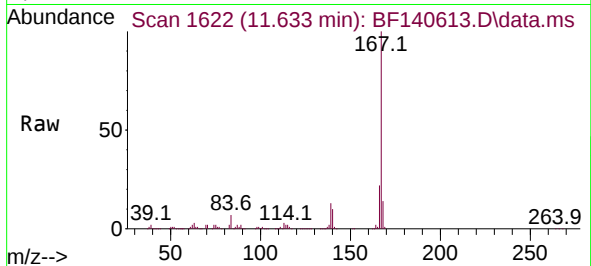
Tgt Ion:178 Resp: 635239
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.2 18.4





#73
Carbazole
Concen: 57.229 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

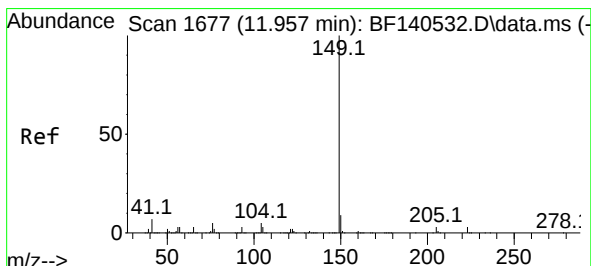
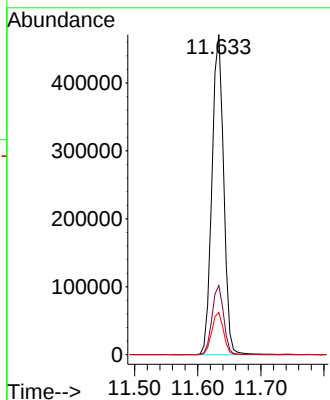
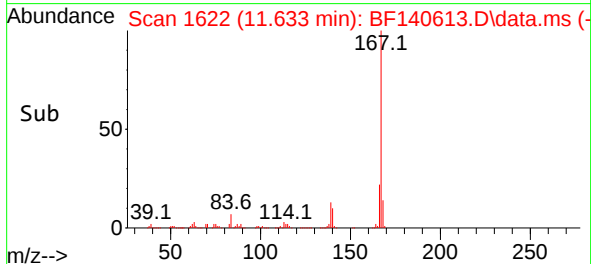
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



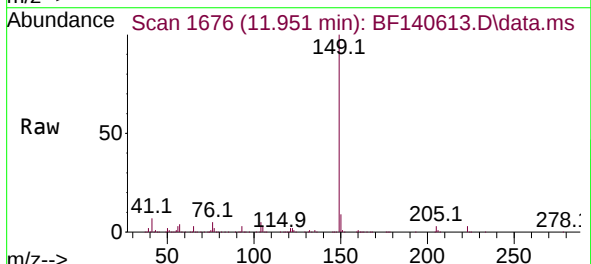
Tgt Ion:167 Resp: 605108
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.2 10.6 15.8

Manual Integrations
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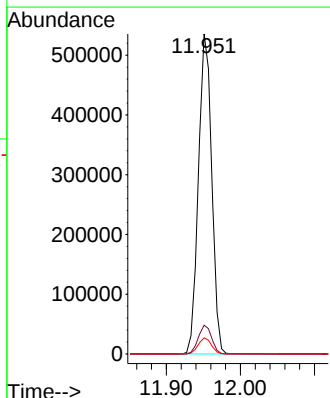
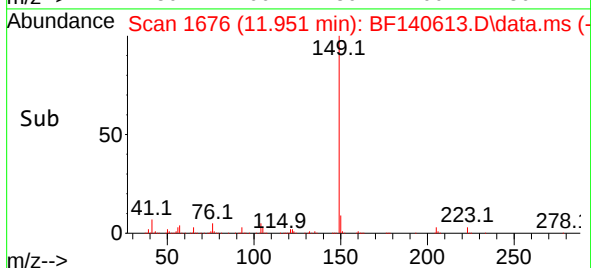
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

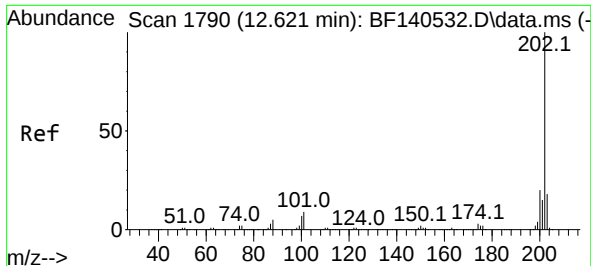


#74
Di-n-butylphthalate
Concen: 54.624 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



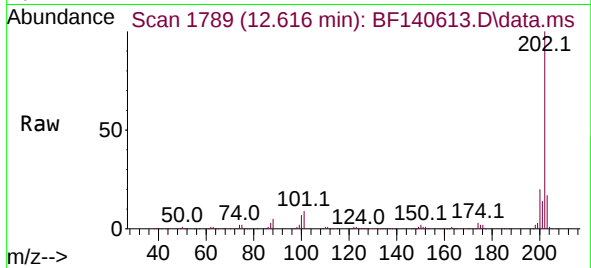
Tgt Ion:149 Resp: 666795
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 57.436 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

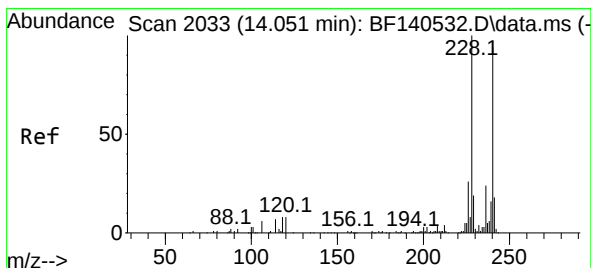
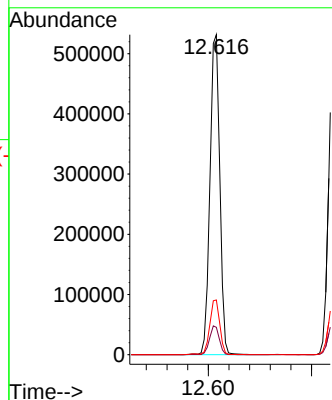
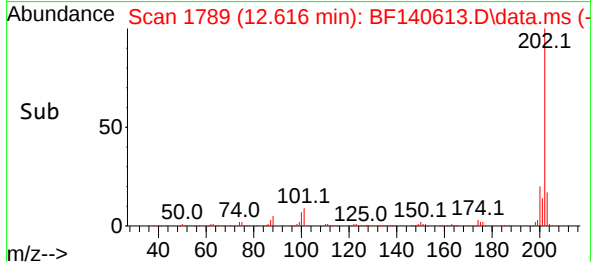
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



Tgt Ion:202 Resp: 700692
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.9
203 17.1 0.0 37.6

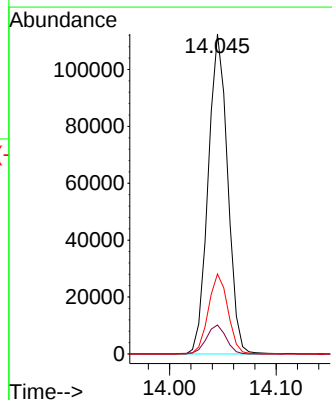
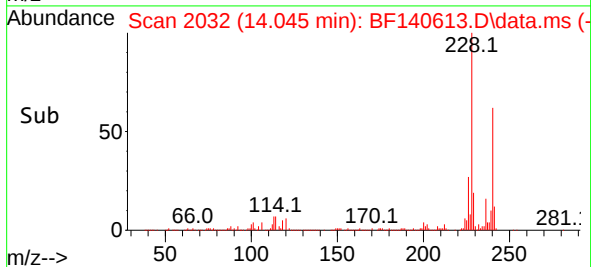
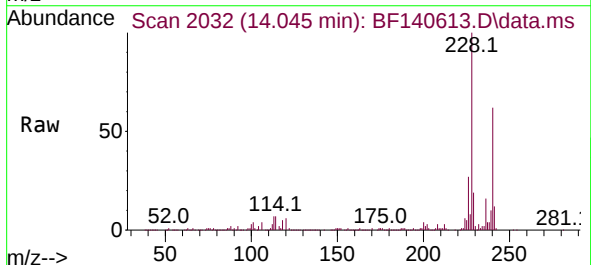
Manual Integrations
APPROVED

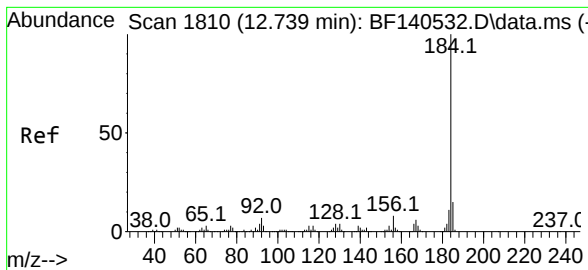
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

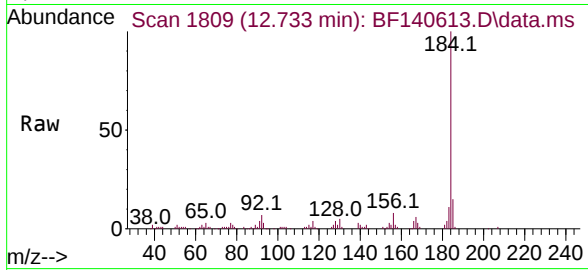
Tgt Ion:240 Resp: 142609
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.0 20.6 31.0





#77
Benzidine
Concen: 17.635 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

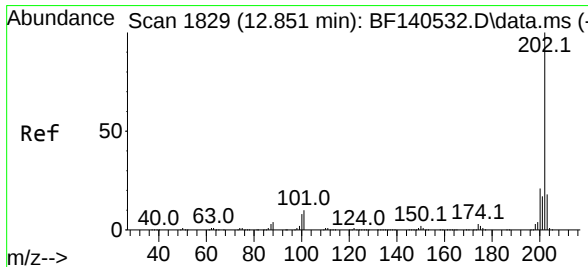
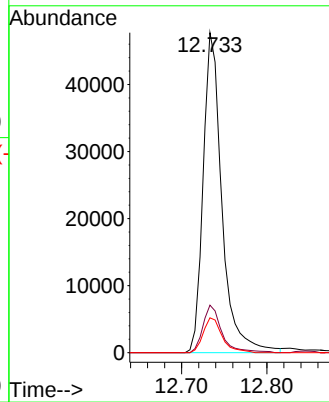
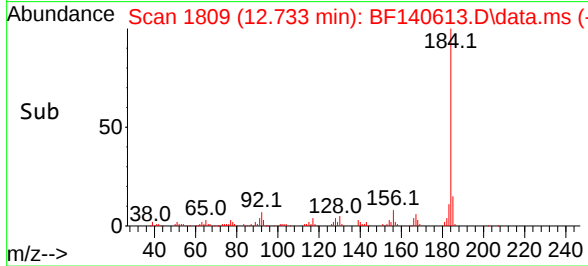
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



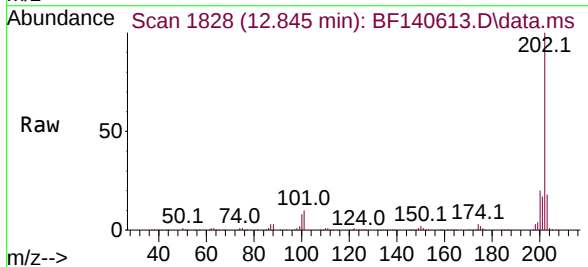
Tgt Ion:184 Resp: 73119
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.9 8.8 13.2

Manual Integrations
APPROVED

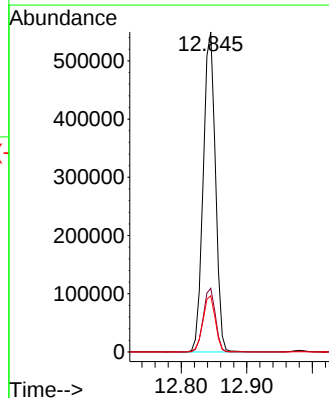
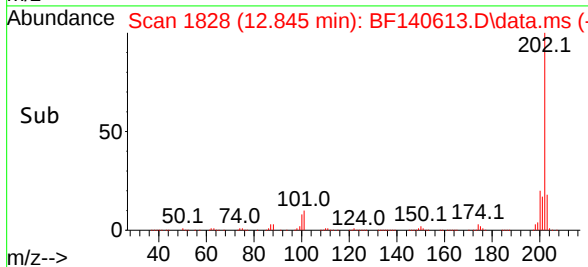
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

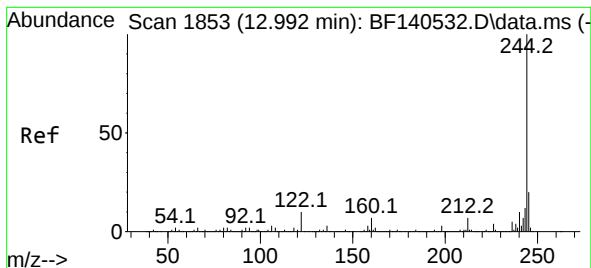


#78
Pyrene
Concen: 54.133 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:202 Resp: 713798
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 104.101 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:244 Resp: 953400

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

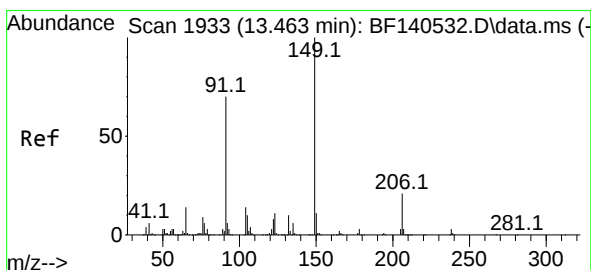
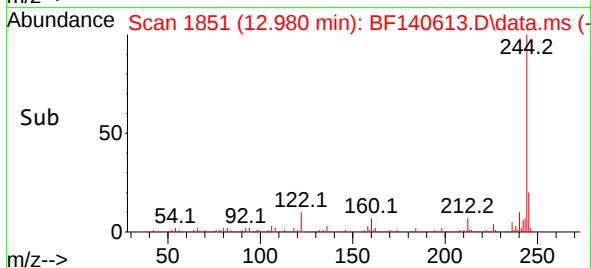
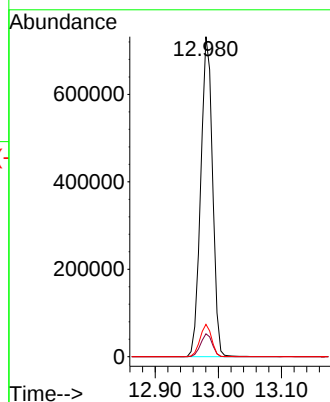
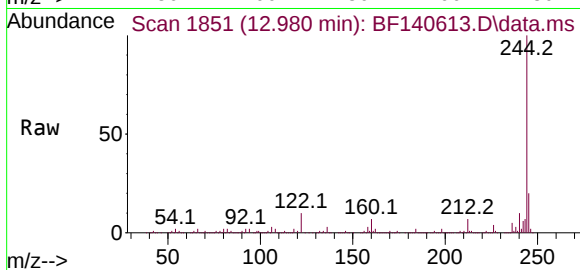
122 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 51.269 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

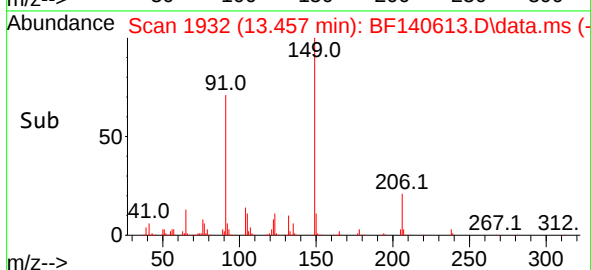
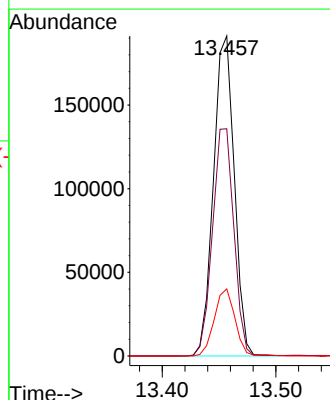
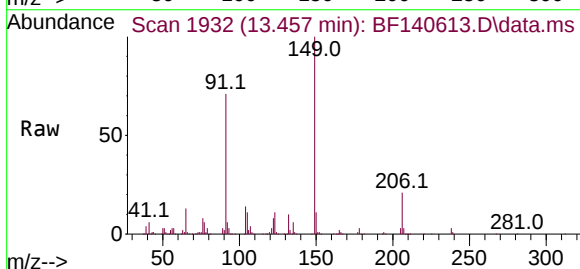
Tgt Ion:149 Resp: 243532

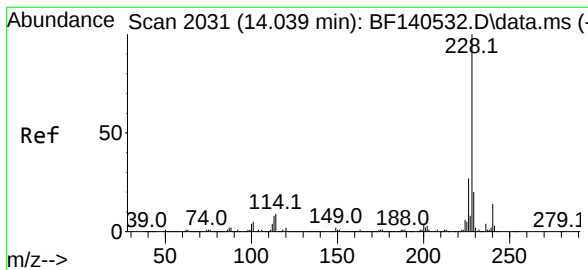
Ion Ratio Lower Upper

149 100

91 71.0 56.2 84.2

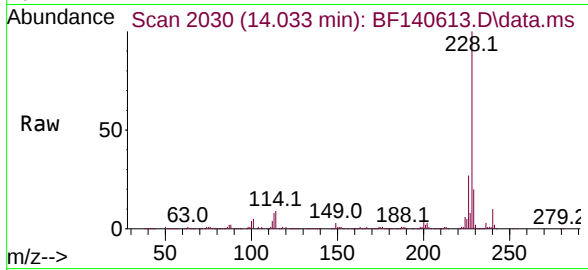
206 21.0 16.4 24.6





#81
 Benzo(a)anthracene
 Concen: 53.349 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF140613.D
 Acq: 25 Nov 2024 19:52

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMS

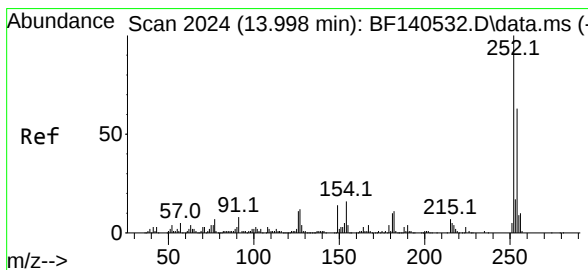
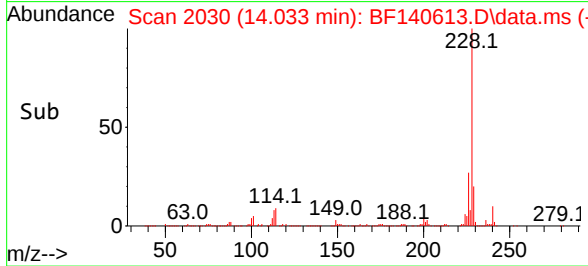
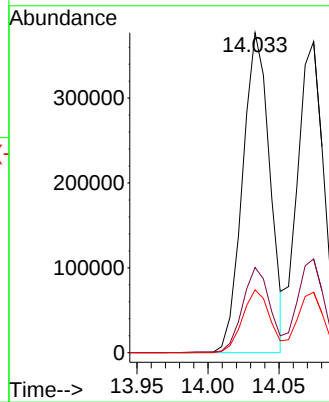


Tgt Ion: 228 Resp: 50362

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.7	15.8	23.6

Manual Integrations
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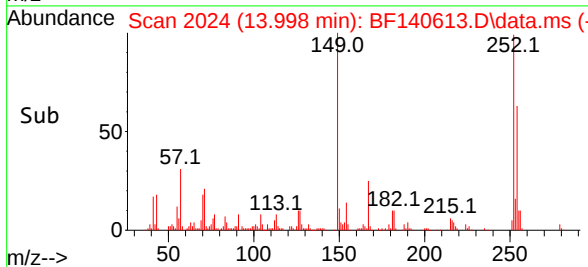
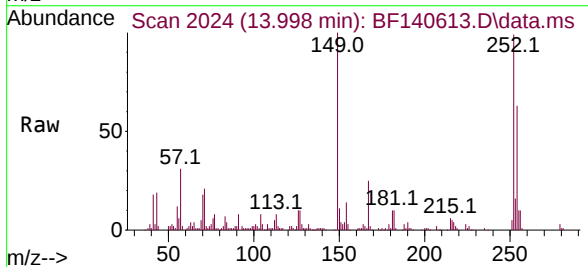
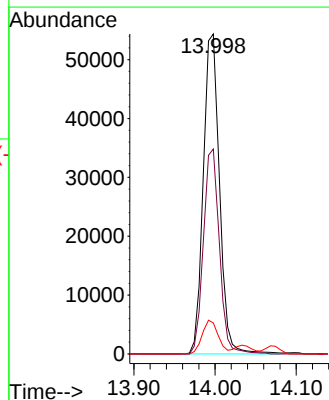
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 26.637 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.000 min
 Lab File: BF140613.D
 Acq: 25 Nov 2024 19:52

Tgt Ion: 252 Resp: 75498

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	9.7	8.6	13.0





#83

Chrysene

Concen: 55.001 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:228 Resp: 474768

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

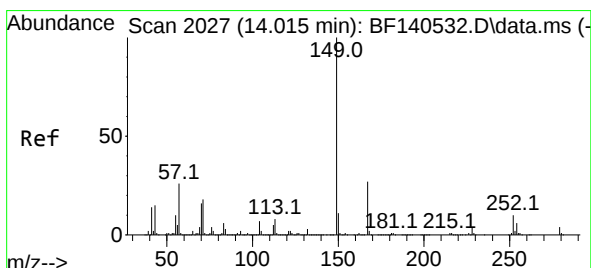
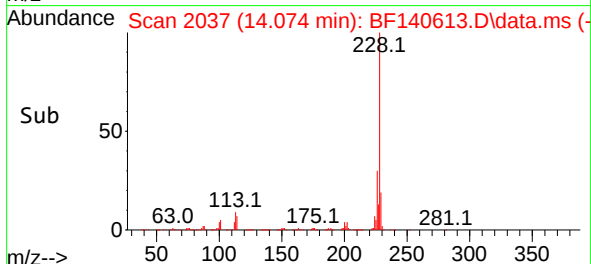
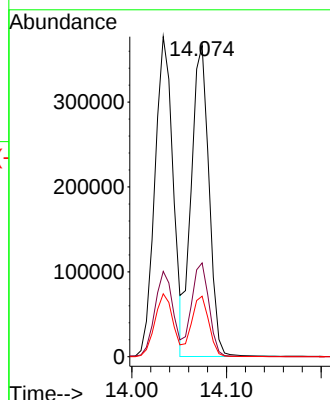
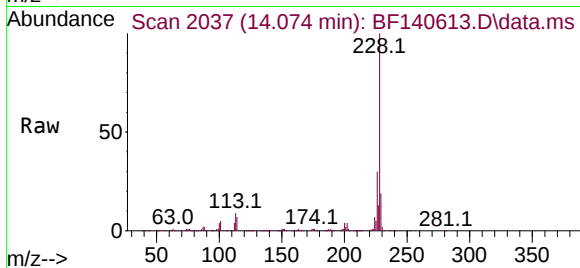
229 19.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.073 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

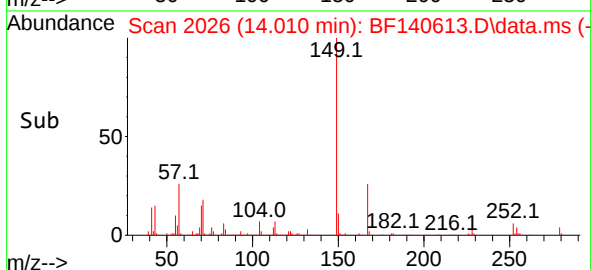
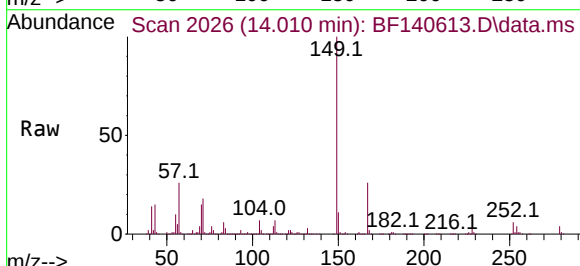
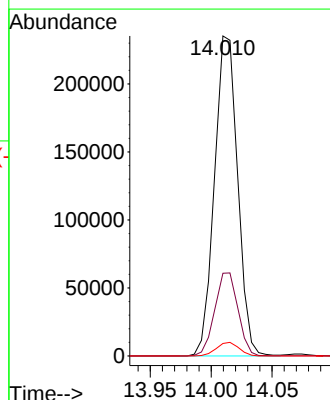
Tgt Ion:149 Resp: 312333

Ion Ratio Lower Upper

149 100

167 25.8 21.2 31.8

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.696 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:149 Resp: 448340

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

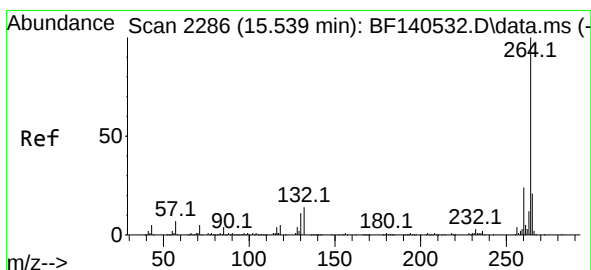
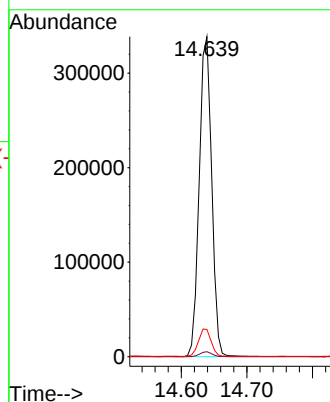
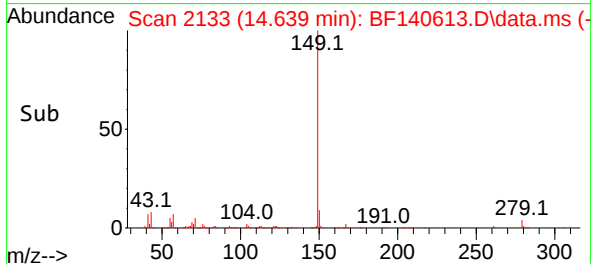
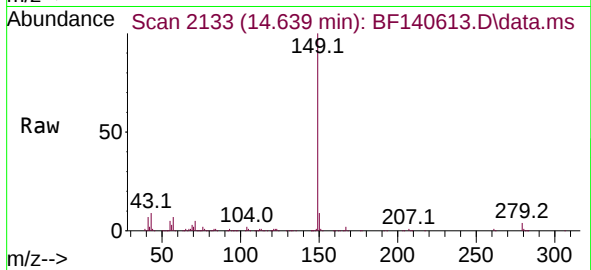
43 8.6 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

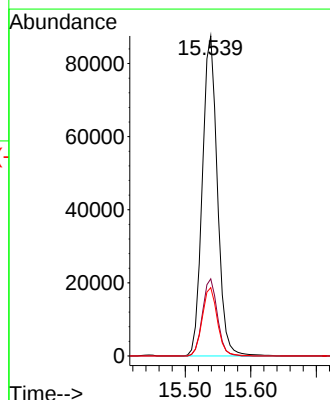
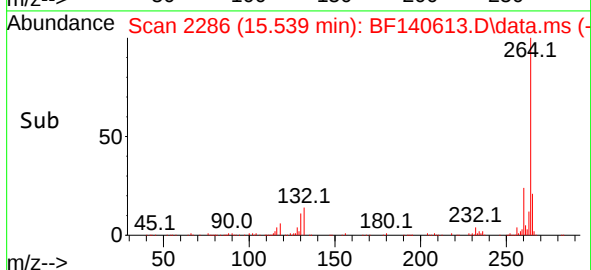
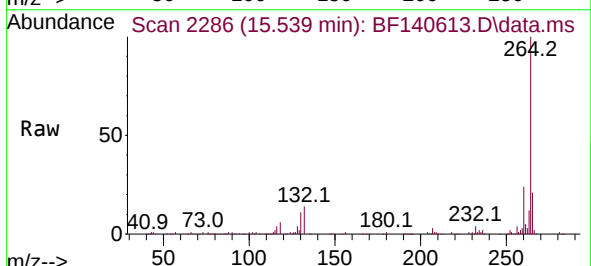
Tgt Ion:264 Resp: 139916

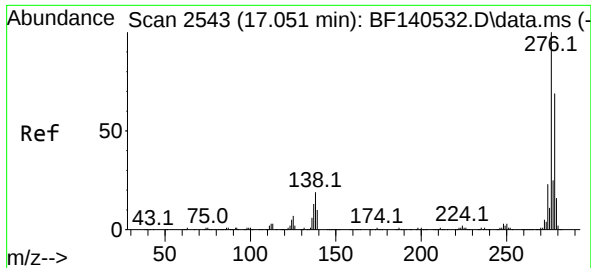
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.4 16.6 25.0





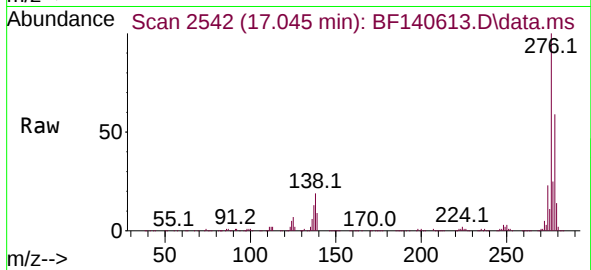
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.070 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS



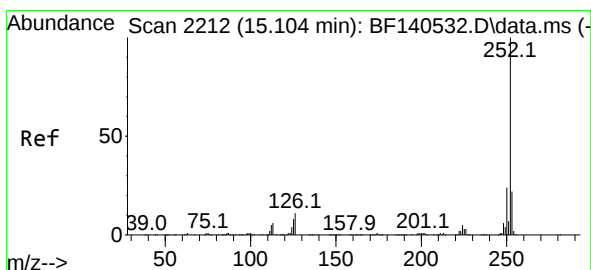
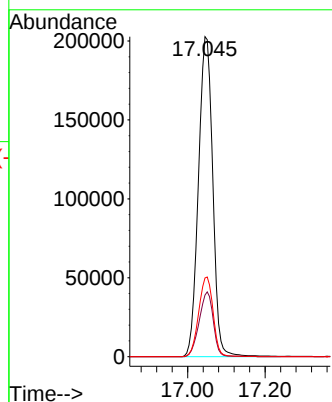
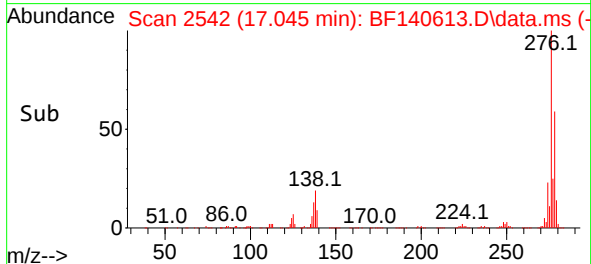
Tgt Ion:276 Resp: 52037
Ion Ratio Lower Upper
276 100
138 19.9 15.5 23.3
277 25.0 20.1 30.1

Manual Integrations

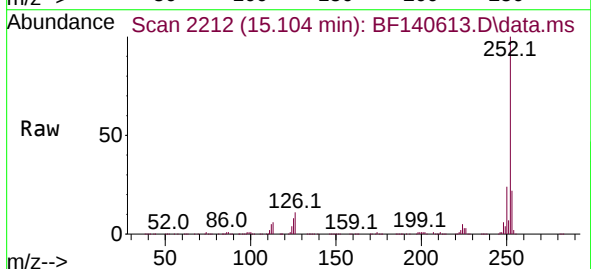
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

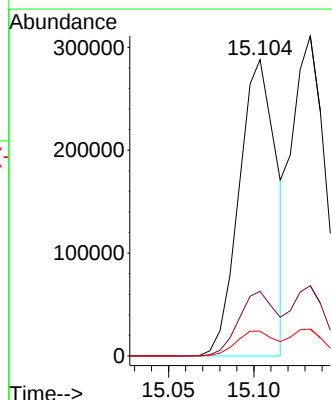
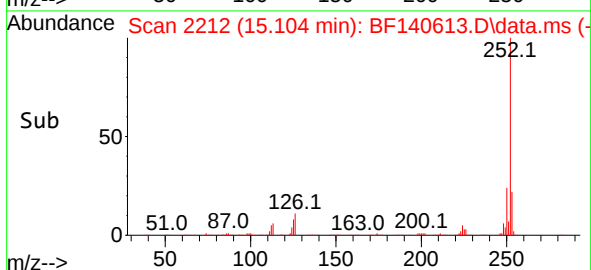
Supervised By :mohammad ahmed 11/27/2024

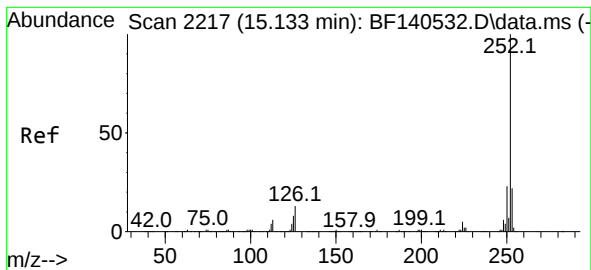


#88
Benzo(b)fluoranthene
Concen: 49.515 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:252 Resp: 435157
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.231 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMS

Tgt Ion:252 Resp: 424758

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

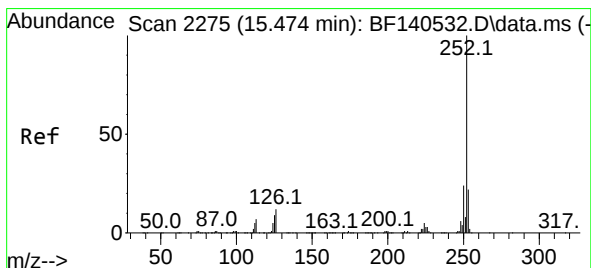
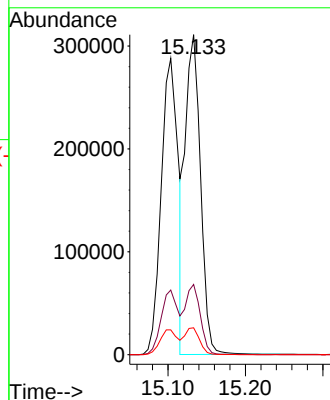
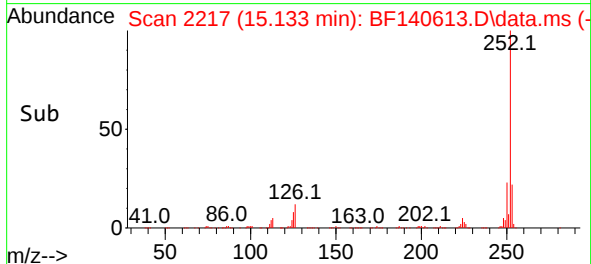
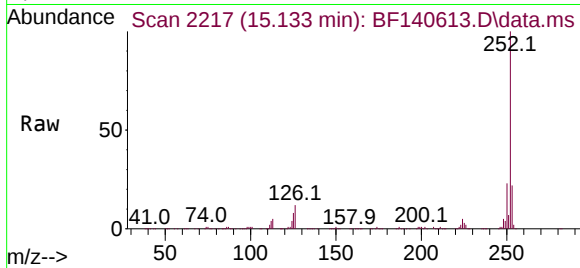
125 8.4 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 58.875 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF140613.D

Acq: 25 Nov 2024 19:52

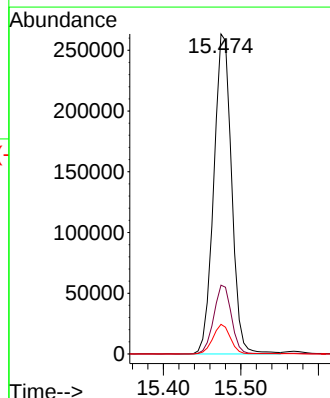
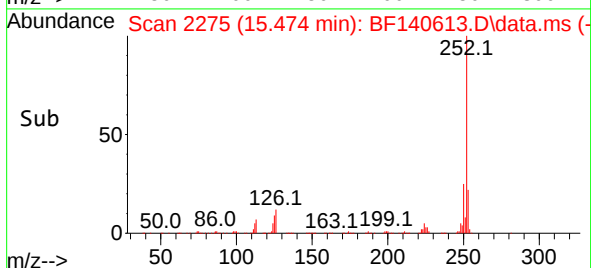
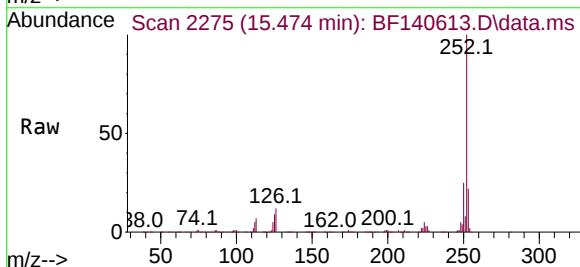
Tgt Ion:252 Resp: 420698

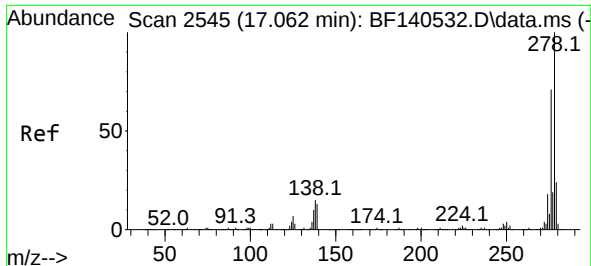
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

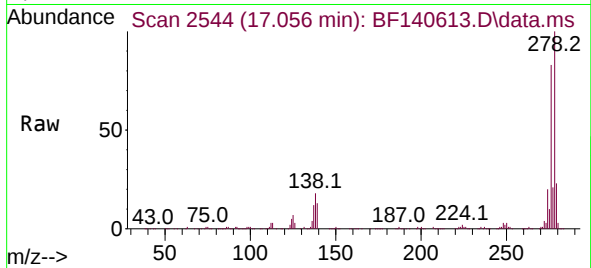
125 9.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 56.886 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52

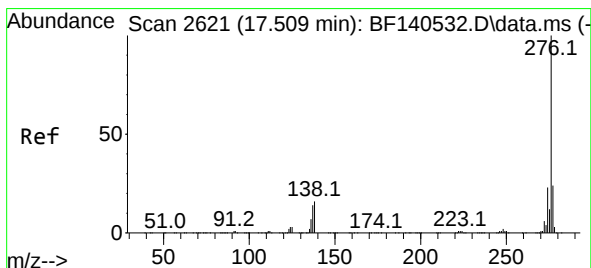
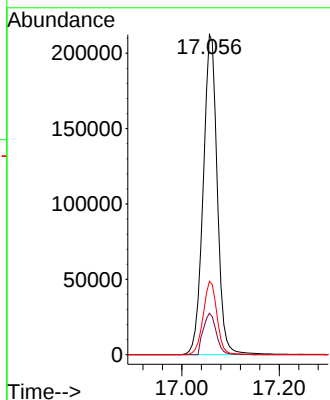
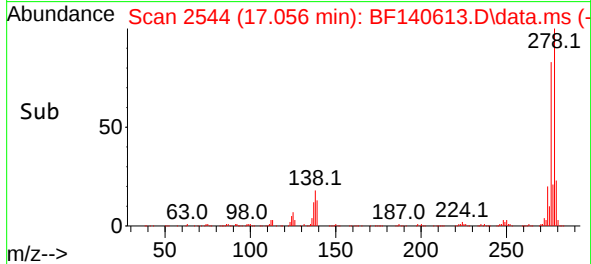
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS



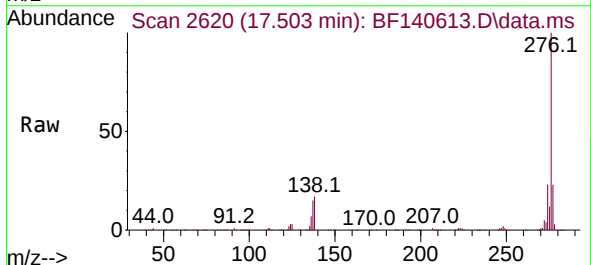
Tgt Ion:278 Resp: 42479
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.0 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 50.673 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140613.D
Acq: 25 Nov 2024 19:52



Tgt Ion:276 Resp: 386129
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 17.2 13.2 19.8

