

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140824.D
 Acq On : 11 Dec 2024 12:57
 Operator : RC/JU
 Sample : PB165525BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165525BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 14:21:10 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	6.857	152	73233	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	271997	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	154532	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	299083	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	197037	20.000	ng	0.00
86) Perylene-d12	15.557	264	160886	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	573883	133.705	ng	0.01
7) Phenol-d6	6.516	99	725407	127.840	ng	0.00
23) Nitrobenzene-d5	7.428	82	473924	89.124	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	232403	140.618	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	933815	90.035	ng	-0.02
79) Terphenyl-d14	12.980	244	1159974	91.670	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	77117	42.733	ng	98
3) Pyridine	3.534	79	186705	47.022	ng	99
4) n-Nitrosodimethylamine	3.451	42	98736	42.310	ng	93
6) Aniline	6.528	93	205729	51.511	ng	# 62
8) 2-Chlorophenol	6.657	128	226634	49.079	ng	95
9) Benzaldehyde	6.422	77	64634	21.517	ng	98
10) Phenol	6.528	94	278150	47.999	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	213407	48.125	ng	98
12) 1,3-Dichlorobenzene	6.798	146	240565	46.364	ng	98
13) 1,4-Dichlorobenzene	6.875	146	243145	46.281	ng	99
14) 1,2-Dichlorobenzene	7.028	146	232696	47.268	ng	100
15) Benzyl Alcohol	7.016	79	205159	48.754	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	253441	48.378	ng	# 58
17) 2-Methylphenol	7.128	107	175062	47.360	ng	93
18) Hexachloroethane	7.369	117	92752	47.269	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	159448	47.547	ng	98
20) 3+4-Methylphenols	7.287	107	232669	48.971	ng	# 72
22) Acetophenone	7.275	105	317490	47.879	ng	95
24) Nitrobenzene	7.445	77	247061	44.954	ng	99
25) Isophorone	7.687	82	433351	48.859	ng	99
26) 2-Nitrophenol	7.763	139	121609	49.931	ng	96
27) 2,4-Dimethylphenol	7.804	122	178759m	61.343	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	259649	48.054	ng	99
29) 2,4-Dichlorophenol	8.016	162	190668	49.378	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	202902	46.022	ng	99
31) Naphthalene	8.163	128	661812	47.238	ng	99
32) Benzoic acid	7.957	122	140411	54.266	ng	98
33) 4-Chloroaniline	8.222	127	119597	28.511	ng	98
34) Hexachlorobutadiene	8.275	225	136274	46.666	ng	99
35) Caprolactam	8.610	113	59065m	49.428	ng	
36) 4-Chloro-3-methylphenol	8.716	107	211648	48.955	ng	99
37) 2-Methylnaphthalene	8.857	142	435183	48.904	ng	100
38) 1-Methylnaphthalene	8.957	142	400774	45.947	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	216179	47.786	ng	99
41) Hexachlorocyclopentadiene	9.004	237	93199	90.590	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	134544	47.396	ng	100

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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	139850	45.394	ng	98
46) 1,1'-Biphenyl	9.322	154	550620	47.724	ng	100
47) 2-Chloronaphthalene	9.345	162	409637	46.857	ng	99
48) 2-Nitroaniline	9.451	65	134869	48.063	ng	97
49) Acenaphthylene	9.763	152	663184	50.207	ng	100
50) Dimethylphthalate	9.622	163	497052	48.839	ng	100
51) 2,6-Dinitrotoluene	9.692	165	108107	46.836	ng	97
52) Acenaphthene	9.933	154	405667	48.335	ng	99
53) 3-Nitroaniline	9.869	138	75164	33.295	ng	96
54) 2,4-Dinitrophenol	9.986	184	111480	91.960	ng	93
55) Dibenzofuran	10.110	168	620144	48.442	ng	100
56) 4-Nitrophenol	10.057	139	123257	80.057	ng	96
57) 2,4-Dinitrotoluene	10.104	165	151089	49.252	ng	94
58) Fluorene	10.451	166	503714	49.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	131128	55.381	ng	92
60) Diethylphthalate	10.322	149	513096	49.620	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	246167	48.815	ng	98
62) 4-Nitroaniline	10.486	138	113508m	47.940	ng	
63) Azobenzene	10.604	77	479448	48.962	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	83212	54.446	ng	99
66) n-Nitrosodiphenylamine	10.563	169	442246	50.001	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	152044	49.363	ng	93
68) Hexachlorobenzene	11.004	284	175486	49.205	ng	98
69) Atrazine	11.092	200	148182	59.554	ng	100
70) Pentachlorophenol	11.210	266	149735	95.392	ng	99
71) Phenanthrene	11.422	178	734200	51.069	ng	99
72) Anthracene	11.469	178	748630	53.234	ng	99
73) Carbazole	11.633	167	701553	51.856	ng	99
74) Di-n-butylphthalate	11.945	149	790089	50.585	ng	100
75) Fluoranthene	12.610	202	827187	52.993	ng	99
77) Benzidine	12.733	184	212623	37.115	ng	98
78) Pyrene	12.845	202	857317	47.057	ng	99
80) Butylbenzylphthalate	13.451	149	309037	47.087	ng	99
81) Benzo(a)anthracene	14.039	228	662867	50.821	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	134731	34.405	ng	99
83) Chrysene	14.080	228	615901	51.642	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	364957	44.039	ng	100
85) Di-n-octyl phthalate	14.639	149	487770	43.068	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	558585	53.276	ng	98
88) Benzo(b)fluoranthene	15.115	252	527785	52.228	ng	99
89) Benzo(k)fluoranthene	15.145	252	440363	49.797	ng	99
90) Benzo(a)pyrene	15.492	252	447394	54.450	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	460408	53.619	ng	99
92) Benzo(g,h,i)perylene	17.539	276	428637	48.919	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

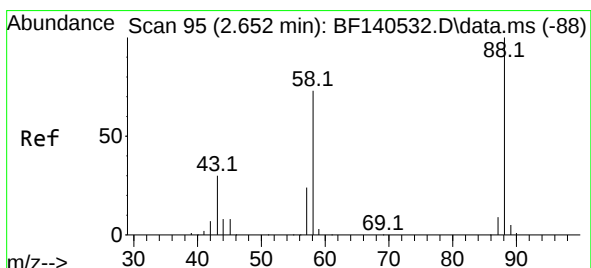
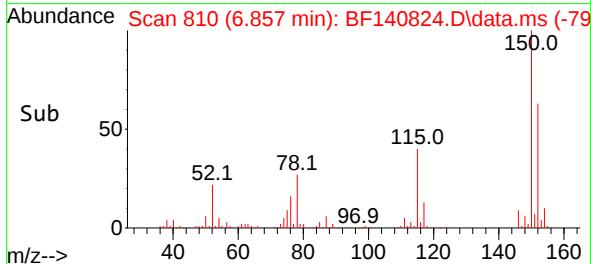
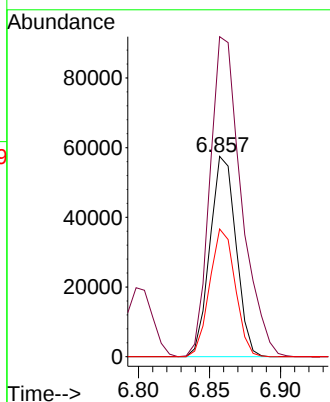
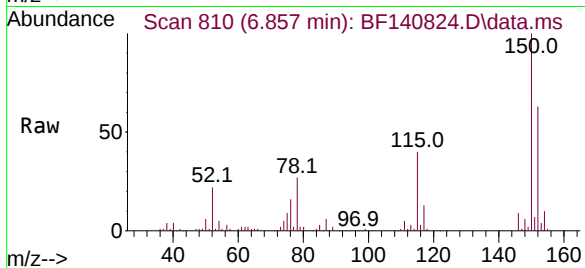
PB165525BS

Tgt Ion:152 Resp: 7323
Ion Ratio Lower Upper
152 100
150 159.7 128.5 192.7
115 63.8 50.2 75.4

Manual Integrations

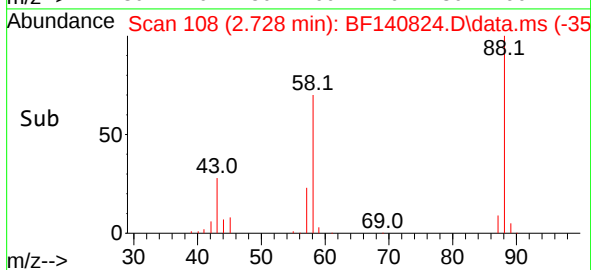
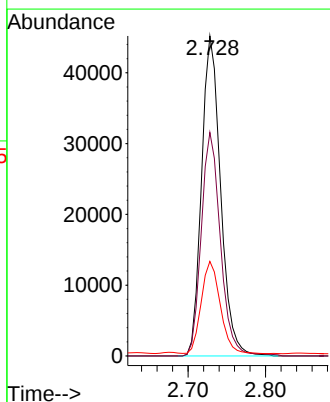
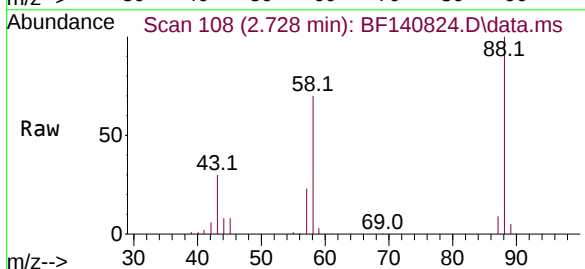
APPROVED

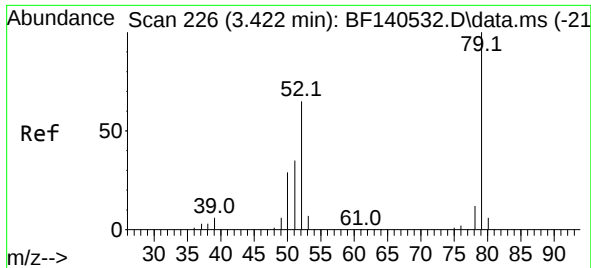
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 42.733 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.076 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion: 88 Resp: 77117
Ion Ratio Lower Upper
88 100
58 70.5 57.4 86.2
43 28.7 24.3 36.5





#3

Pyridine

Concen: 47.022 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.112 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion: 79 Resp: 18670

Ion Ratio Lower Upper

79 100

52 66.3 52.1 78.1

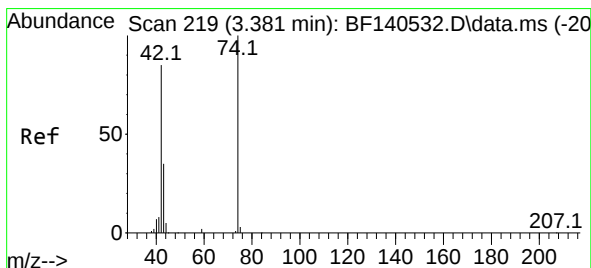
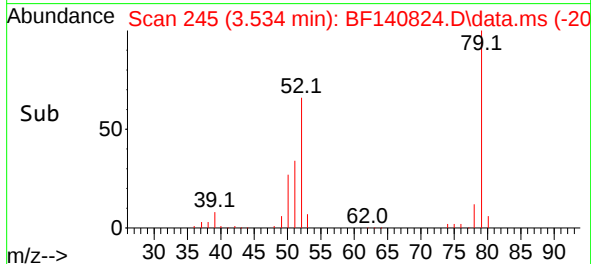
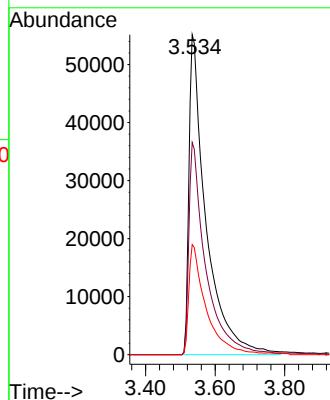
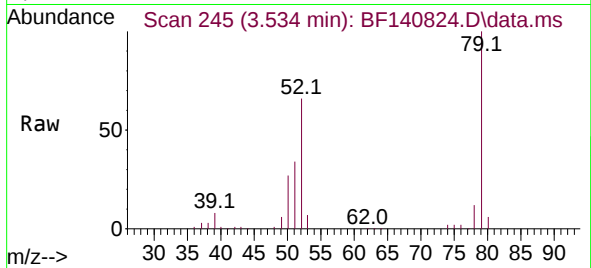
51 34.4 27.8 41.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 42.310 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.071 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

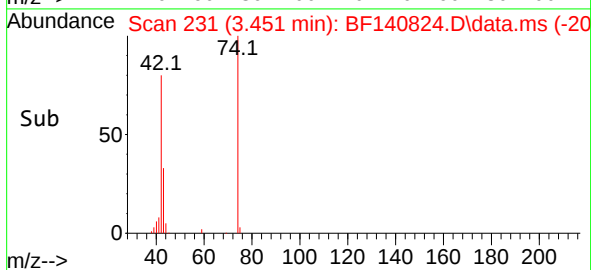
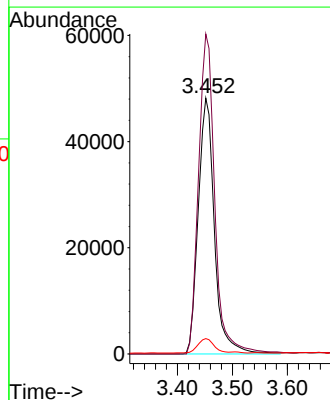
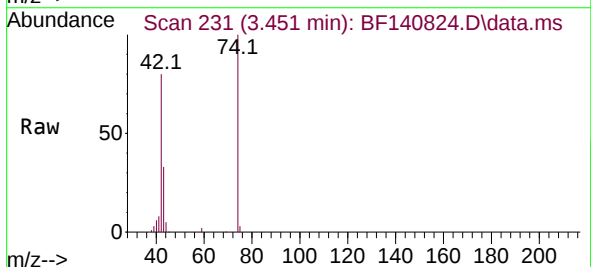
Tgt Ion: 42 Resp: 98736

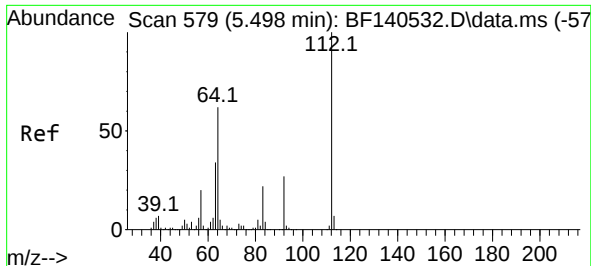
Ion Ratio Lower Upper

42 100

74 125.1 93.8 140.6

44 6.0 4.6 6.8





#5
2-Fluorophenol
Concen: 133.705 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

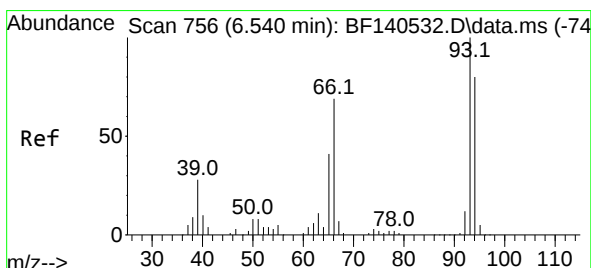
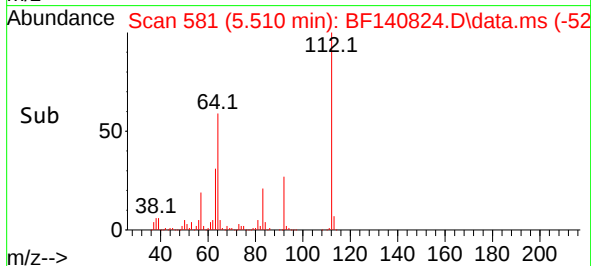
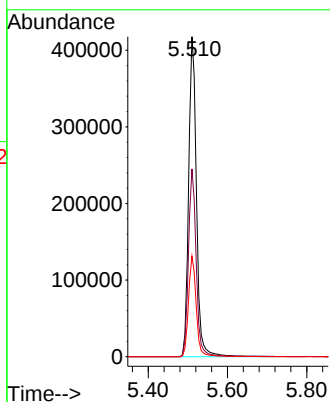
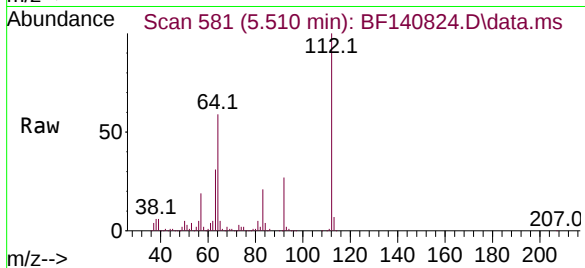
ClientSampleId :

PB165525BS

Tgt Ion:112 Resp: 57388
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 31.4 27.0 40.4

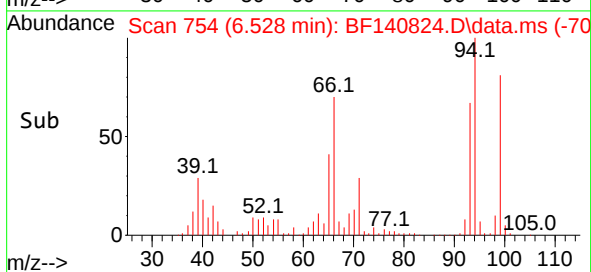
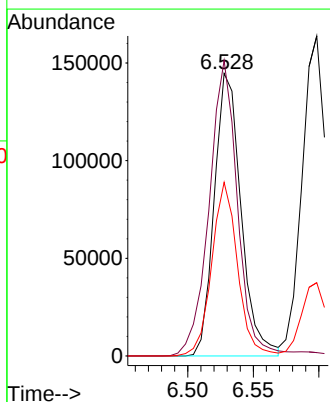
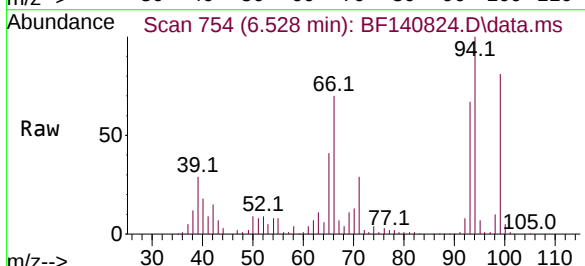
Manual Integrations
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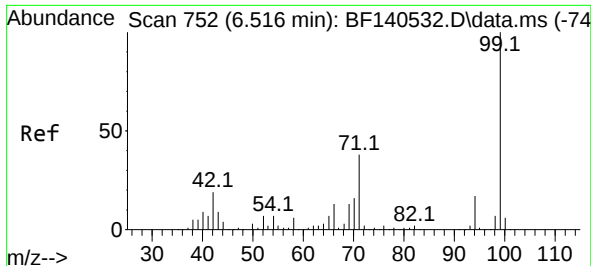
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 51.511 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion: 93 Resp: 205729
Ion Ratio Lower Upper
93 100
66 104.6 56.5 84.7#
65 61.4 32.9 49.3#





#7

Phenol-d6

Concen: 127.840 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

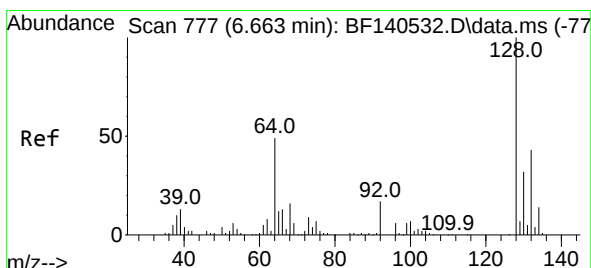
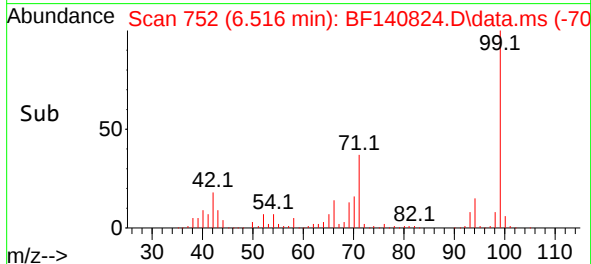
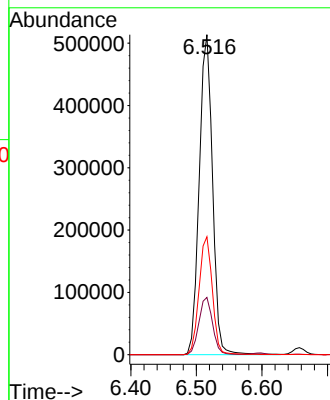
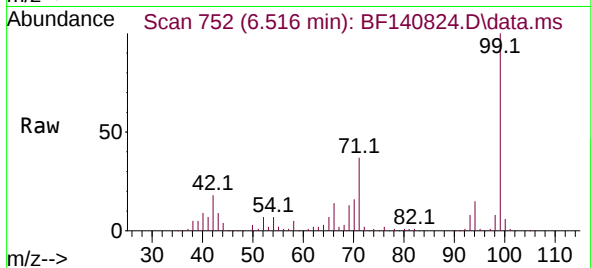
Tgt Ion:	99	Resp:	72540
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.4	23.0
71	36.9	30.6	46.0

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#8

2-Chlorophenol

Concen: 49.079 ng

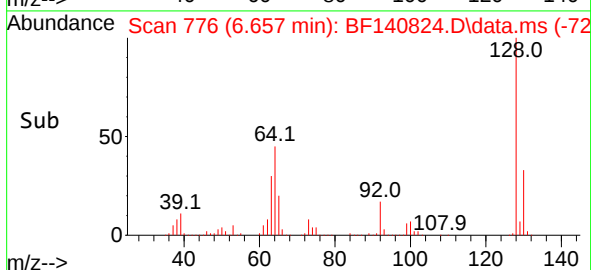
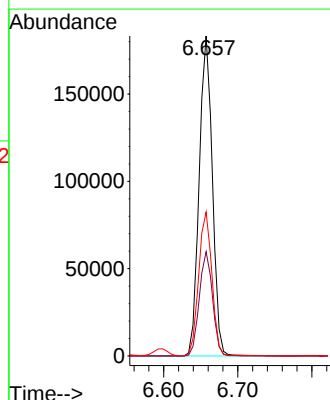
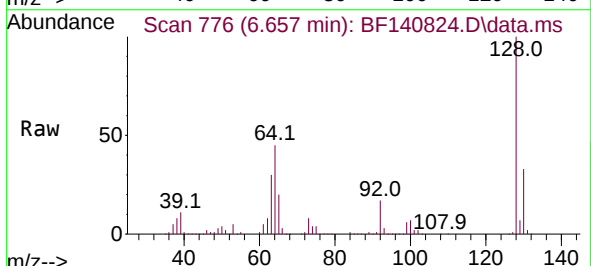
RT: 6.657 min Scan# 776

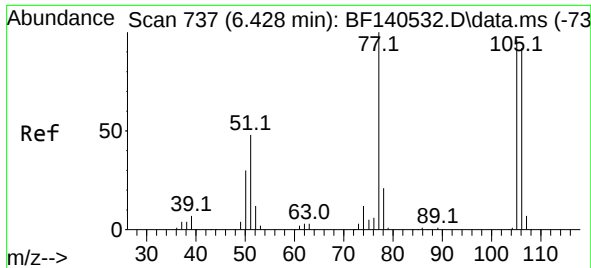
Delta R.T. -0.006 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Tgt Ion:	128	Resp:	226634
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	45.0	30.2	70.2





#9

Benzaldehyde

Concen: 21.517 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

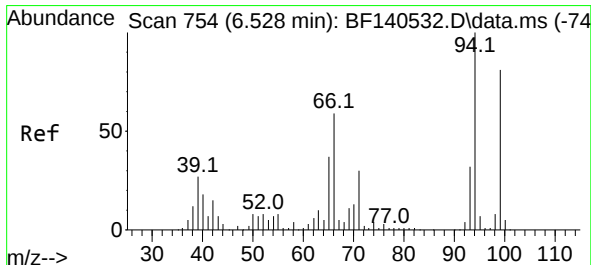
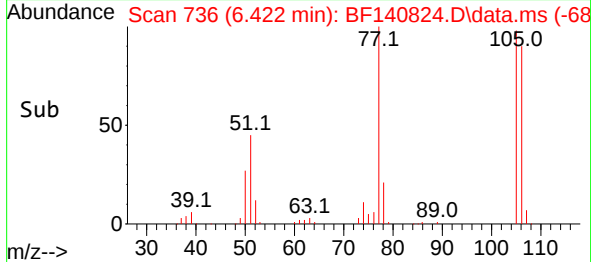
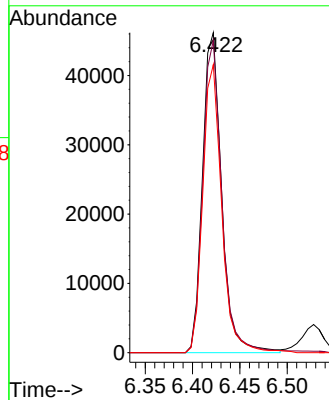
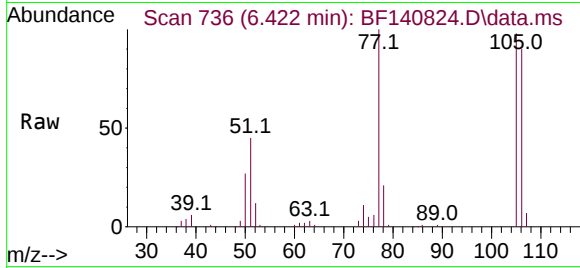
Tgt Ion:	77	Resp:	64634
Ion Ratio	Lower	Upper	
77	100		
105	97.6	75.6	115.6
106	90.0	72.0	112.0

Manual Integrations

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#10

Phenol

Concen: 47.999 ng

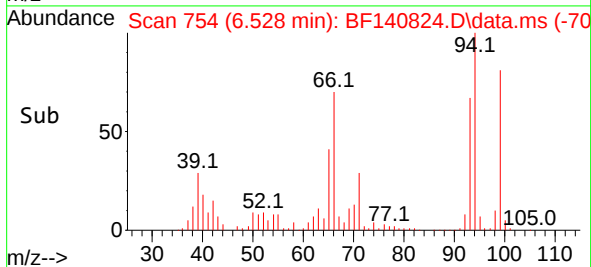
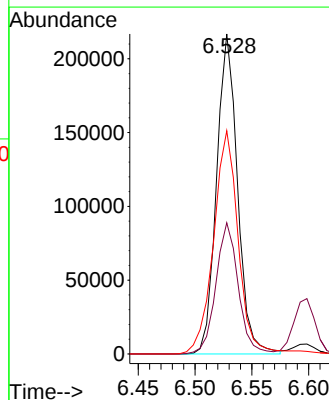
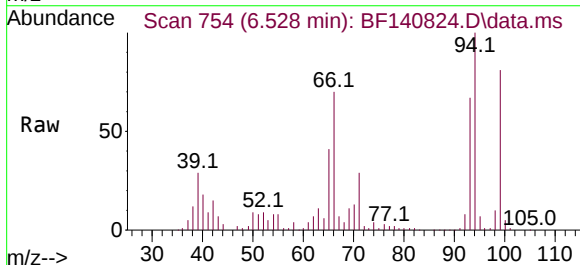
RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Tgt Ion:	94	Resp:	278150
Ion Ratio	Lower	Upper	
94	100		
65	41.0	17.2	57.2
66	69.8	39.2	79.2





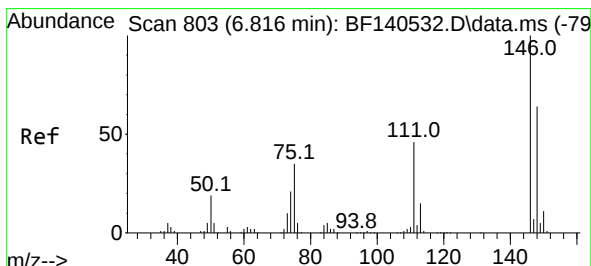
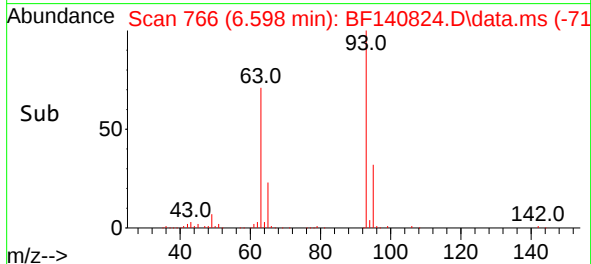
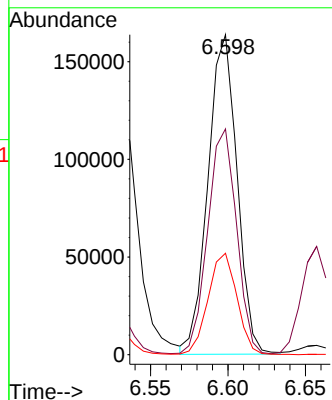
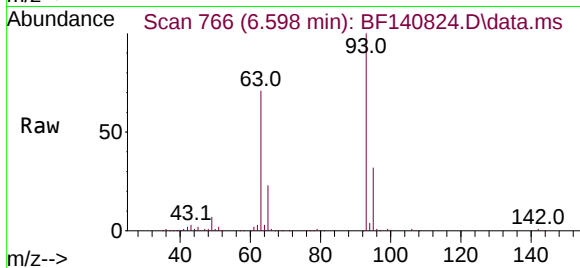
#11
bis(2-Chloroethyl)ether
Concen: 48.125 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Tgt Ion: 93 Resp: 21340
Ion Ratio Lower Upper
93 100
63 70.5 52.8 92.8
95 31.7 12.3 52.3

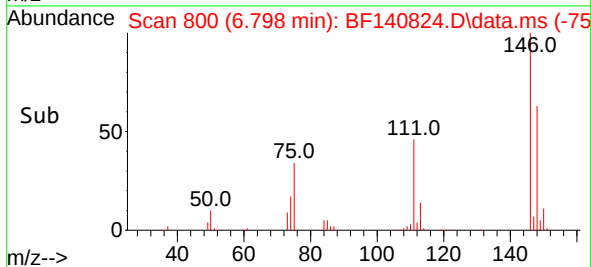
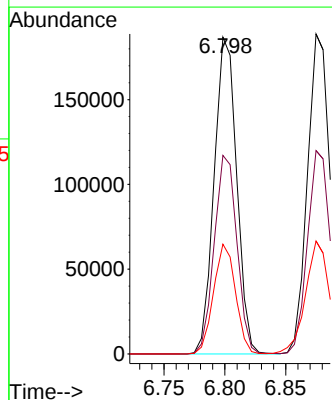
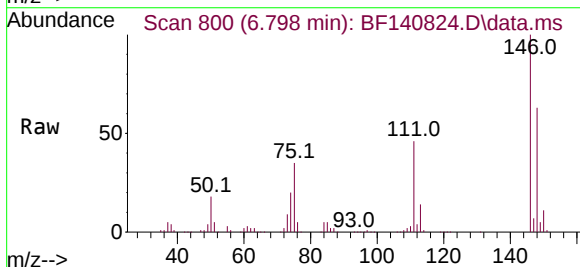
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 46.364 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:146 Resp: 240565
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 34.6 28.2 42.2





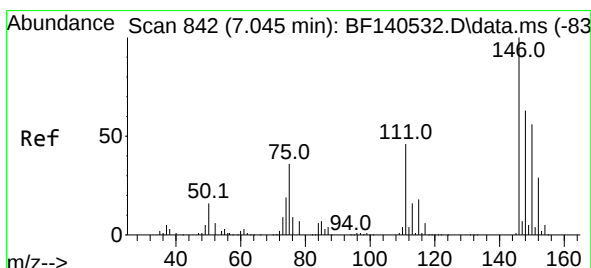
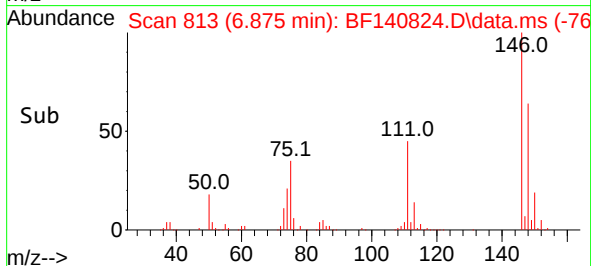
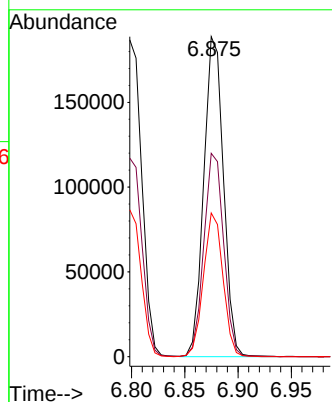
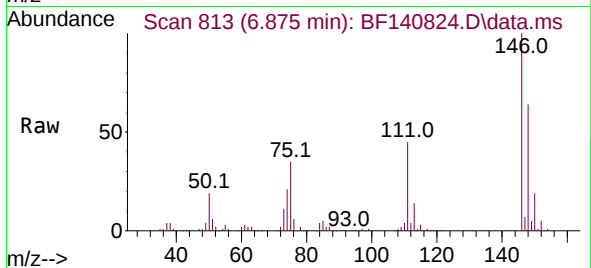
#13
1,4-Dichlorobenzene
Concen: 46.281 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Tgt Ion:146 Resp: 24314
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 44.9 35.3 52.9

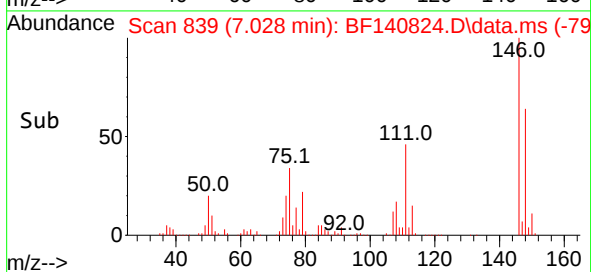
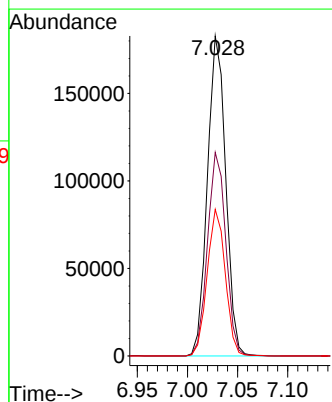
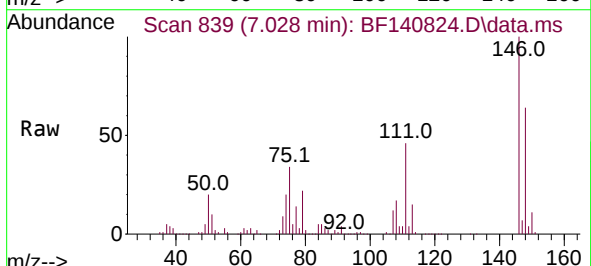
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 47.268 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:146 Resp: 232696
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 45.8 36.7 55.1





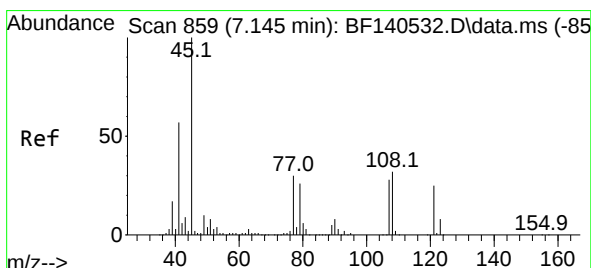
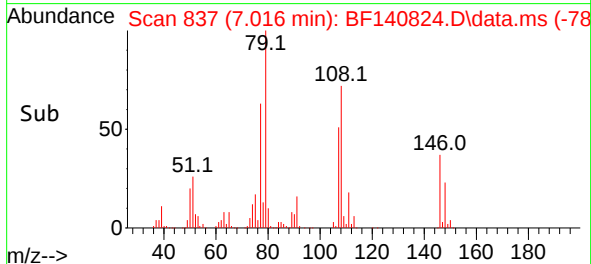
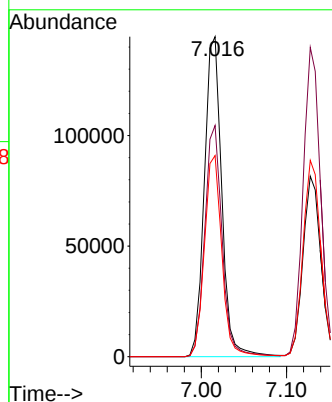
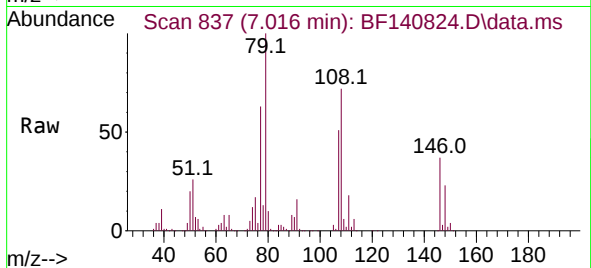
#15
Benzyl Alcohol
Concen: 48.754 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Tgt Ion: 79 Resp: 205159
Ion Ratio Lower Upper
79 100
108 72.3 55.0 82.6
77 62.8 50.1 75.1

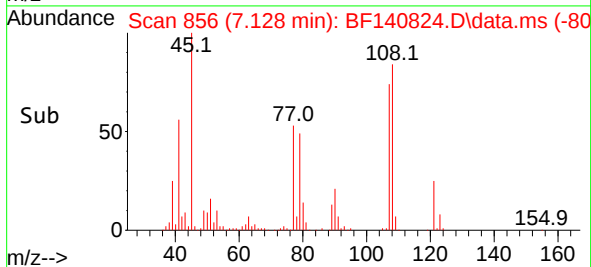
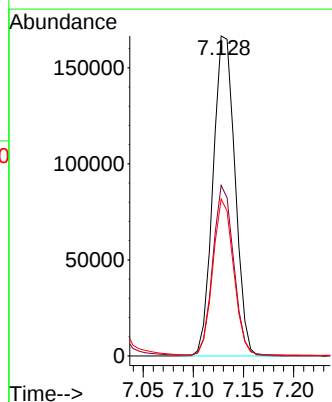
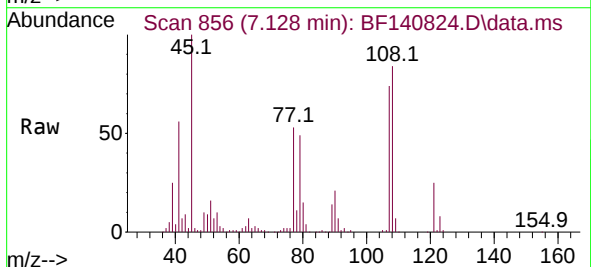
Manual Integrations
APPROVED

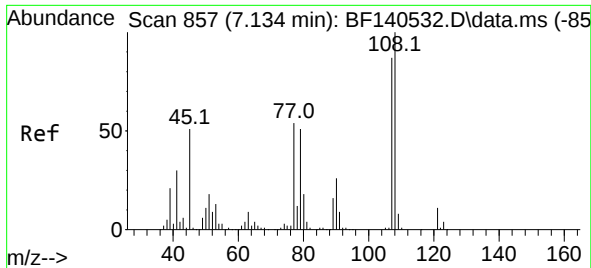
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.378 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion: 45 Resp: 253441
Ion Ratio Lower Upper
45 100
77 53.3 10.7 50.7#
79 49.0 7.0 47.0#





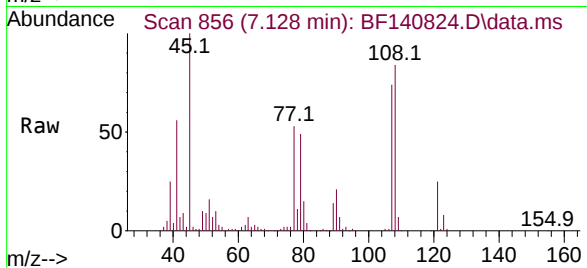
#17
2-Methylphenol
Concen: 47.360 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

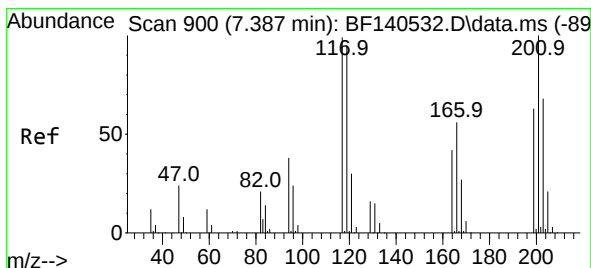
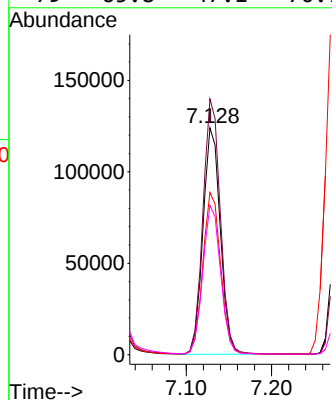


Tgt Ion:107 Resp: 175062
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 71.6 49.3 73.9
79 65.8 47.1 70.7

Manual Integrations

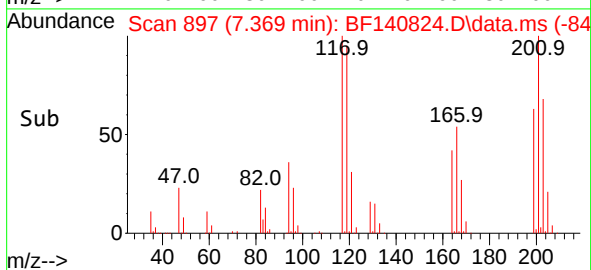
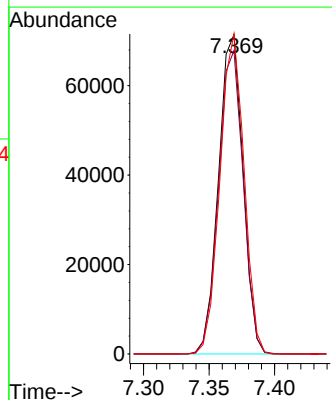
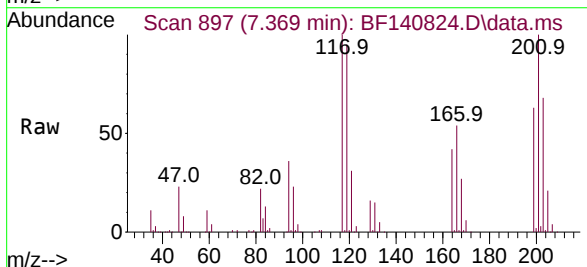
APPROVED

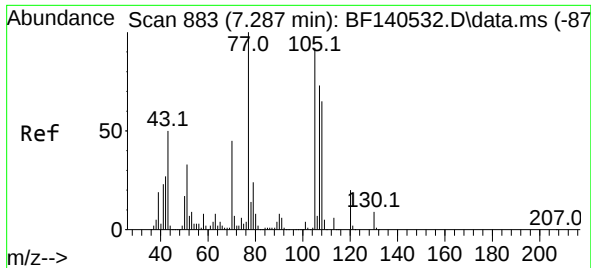
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 47.269 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:117 Resp: 92752
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 100.2 81.1 121.7





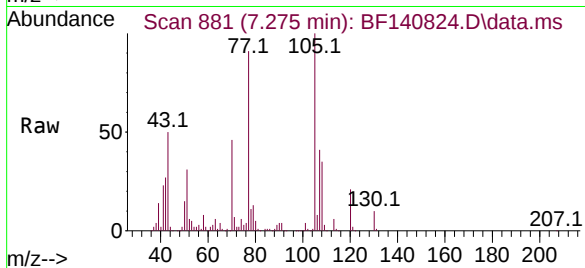
#19
n-Nitroso-di-n-propylamine
Concen: 47.547 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

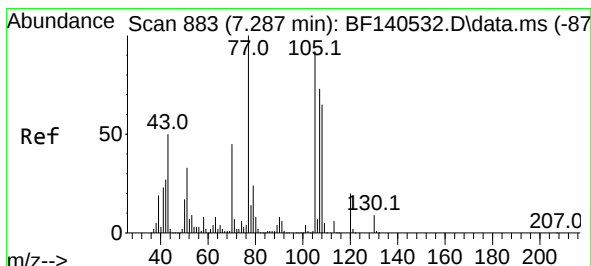
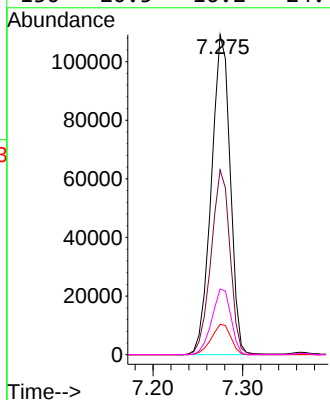
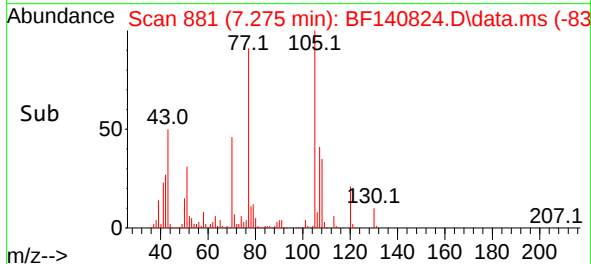
PB165525BS



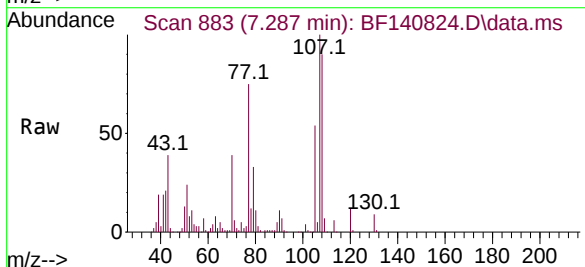
Tgt Ion: 70 Resp: 159448
Ion Ratio Lower Upper
70 100
42 57.8 47.6 71.4
101 9.5 7.6 11.4
130 20.5 16.2 24.4

Manual Integrations
APPROVED

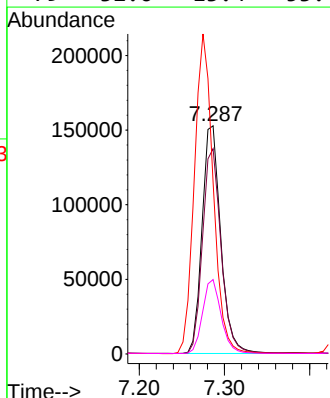
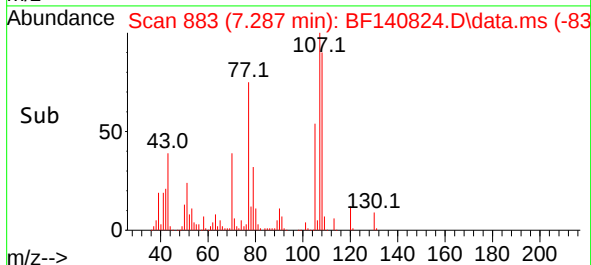
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

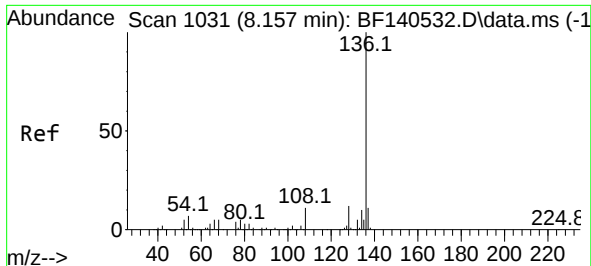


#20
3+4-Methylphenols
Concen: 48.971 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



Tgt Ion:107 Resp: 232669
Ion Ratio Lower Upper
107 100
108 90.0 69.9 109.9
77 75.3 117.7 157.7#
79 32.6 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

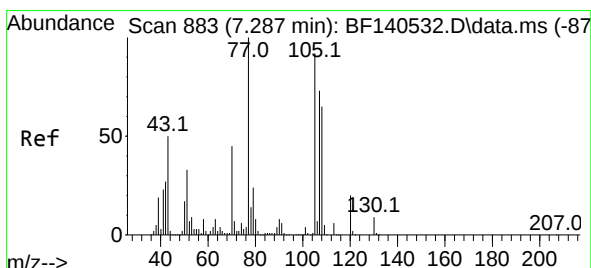
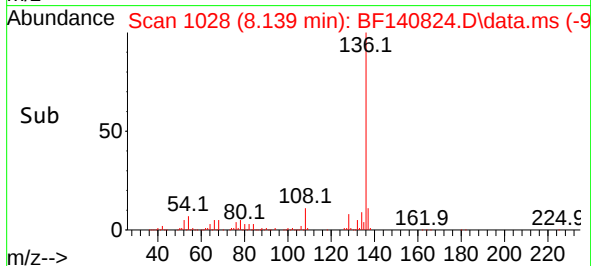
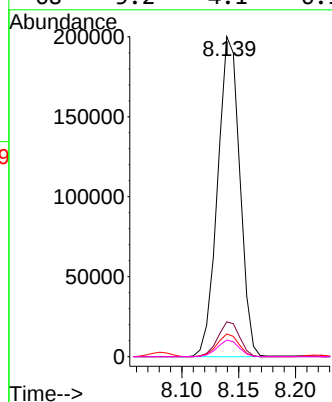
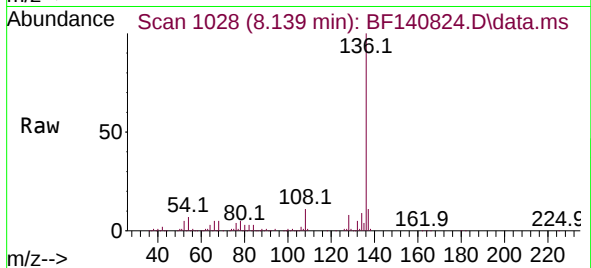
Tgt Ion:136 Resp: 271997
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

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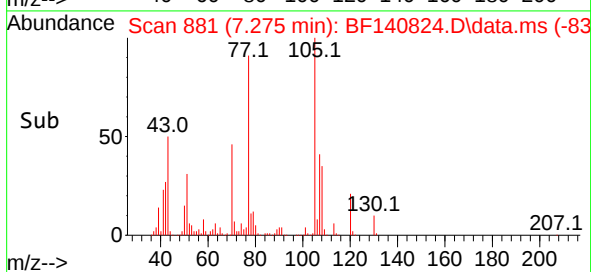
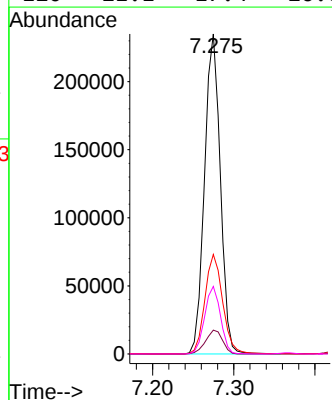
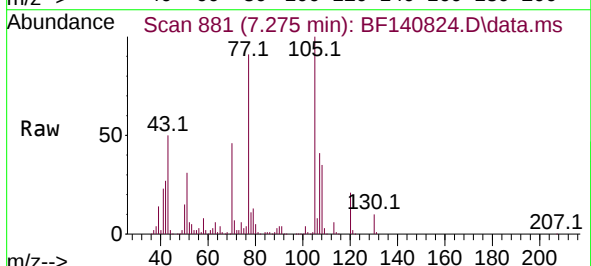
Reviewed By :Yogesh Patel 12/12/2024

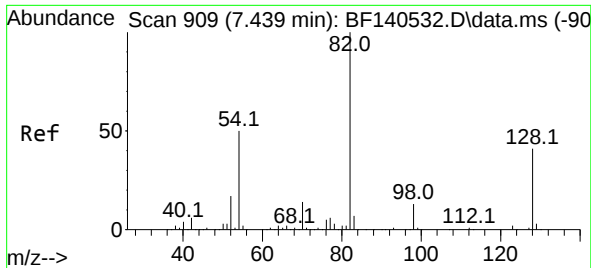
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 47.879 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:105 Resp: 317490
Ion Ratio Lower Upper
105 100
71 7.4 6.2 9.2
51 31.1 29.0 43.6
120 21.1 17.4 26.0





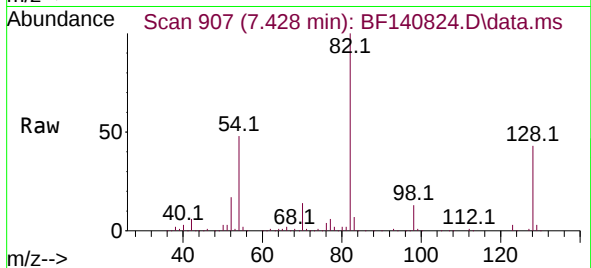
#23
Nitrobenzene-d5
Concen: 89.124 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

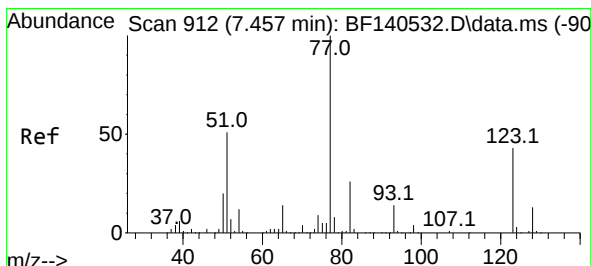
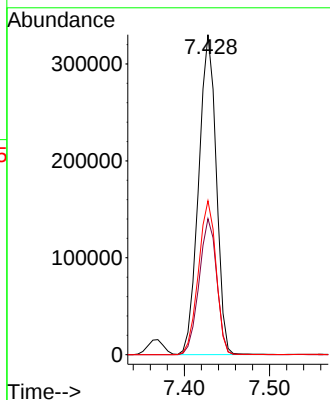
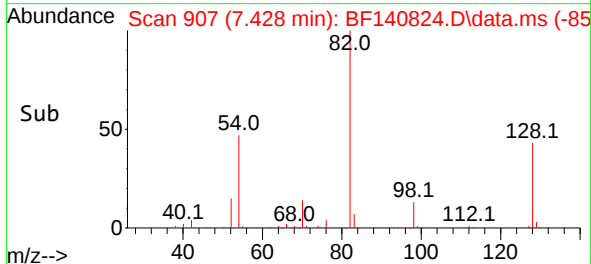


Tgt Ion: 82 Resp: 473924
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.1 39.5 59.3

Manual Integrations

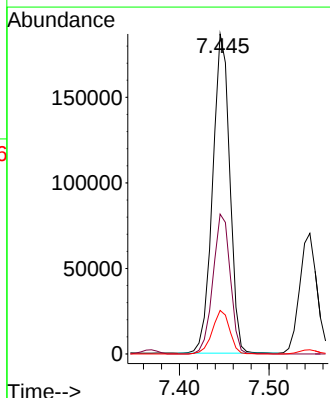
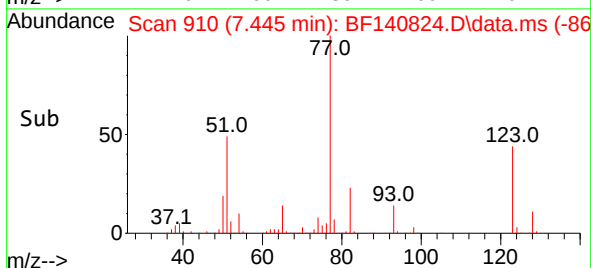
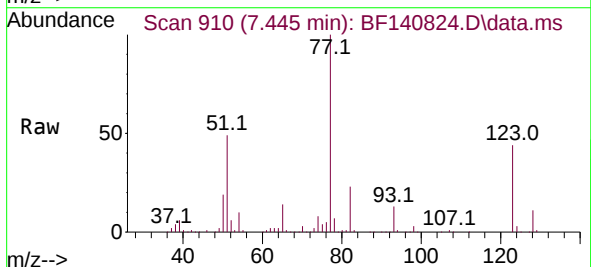
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 44.954 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion: 77 Resp: 247061
Ion Ratio Lower Upper
77 100
123 43.7 34.3 51.5
65 13.6 11.2 16.8





#25
Isophorone
Concen: 48.859 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

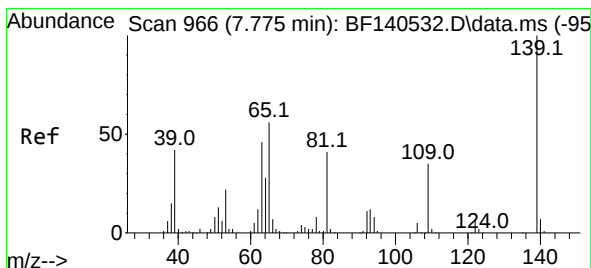
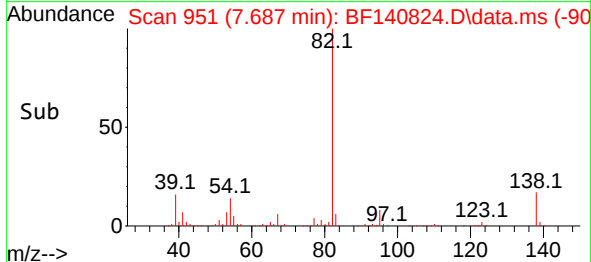
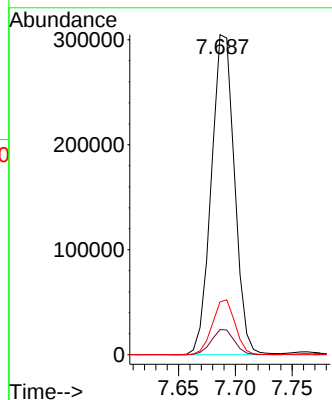
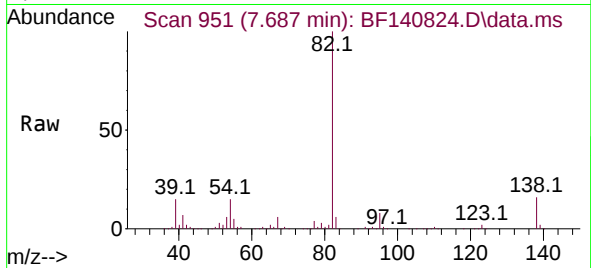
ClientSampleId :

PB165525BS

Tgt Ion: 82 Resp: 43335
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 16.5 13.8 20.6

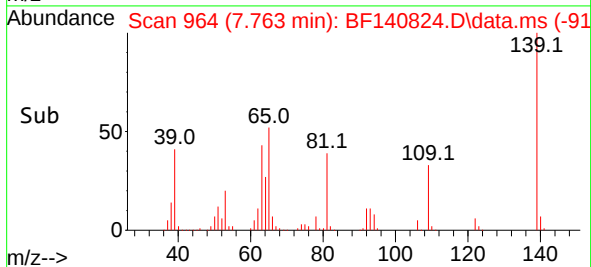
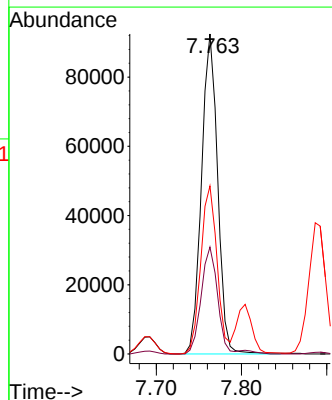
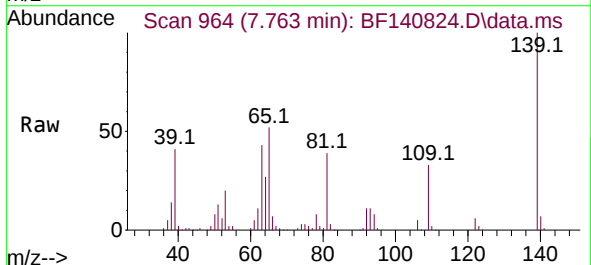
Manual Integrations
APPROVED

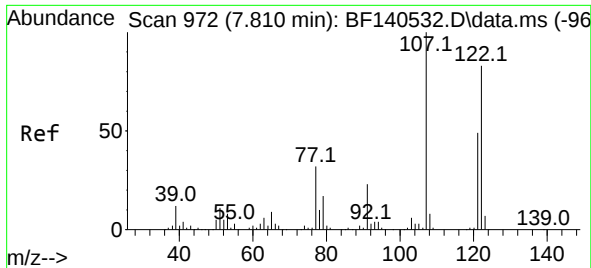
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 49.931 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:139 Resp: 121609
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 52.5 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 61.343 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

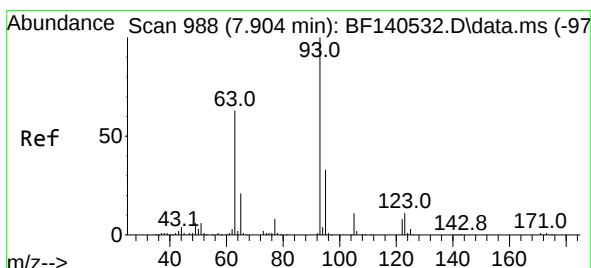
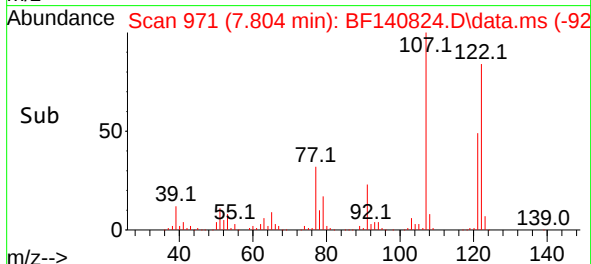
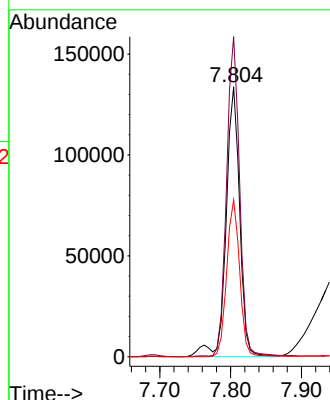
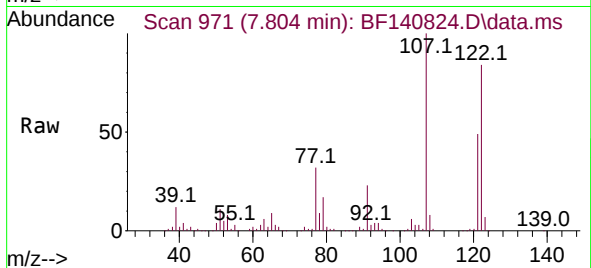
PB165525BS

Tgt Ion:122 Resp: 17875
Ion Ratio Lower Upper
122 100
107 118.6 96.8 145.2
121 58.1 47.4 71.0

Manual Integrations

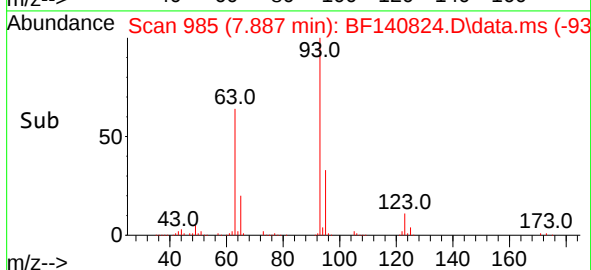
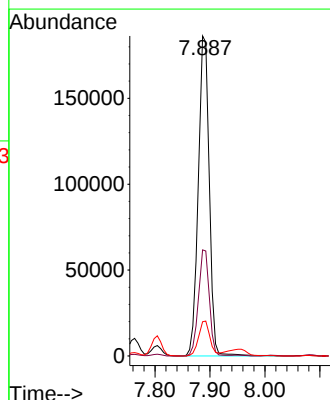
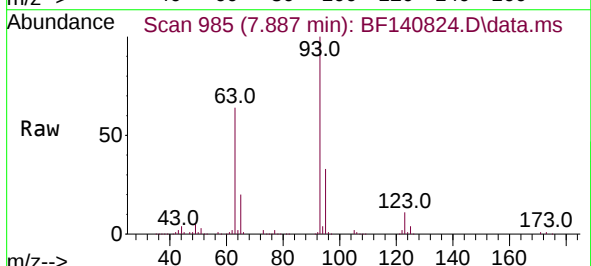
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.054 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion: 93 Resp: 259649
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 10.7 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 49.378 ng
RT: 8.016 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

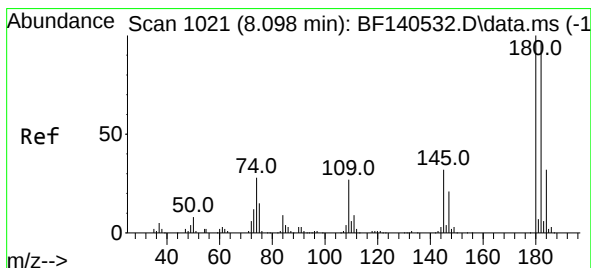
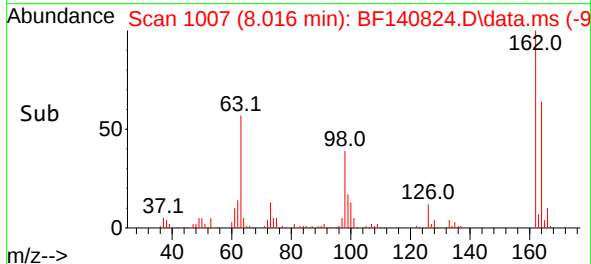
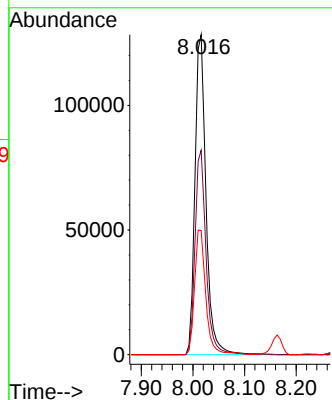
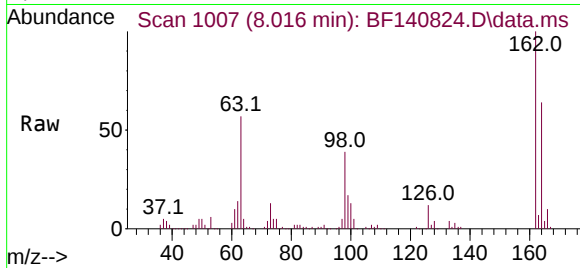
PB165525BS

Tgt Ion:162 Resp: 190668
Ion Ratio Lower Upper
162 100
164 63.9 44.8 84.8
98 38.8 21.2 61.2

Manual Integrations

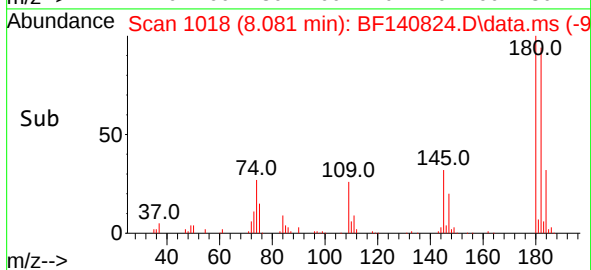
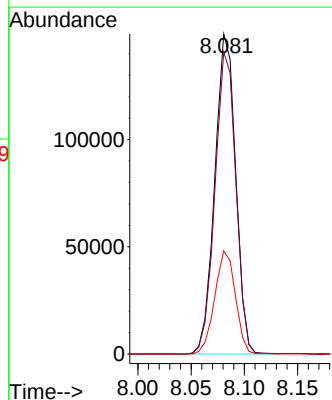
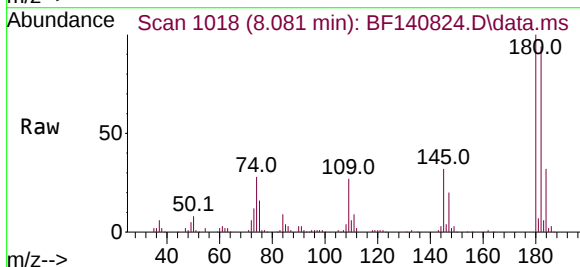
APPROVED

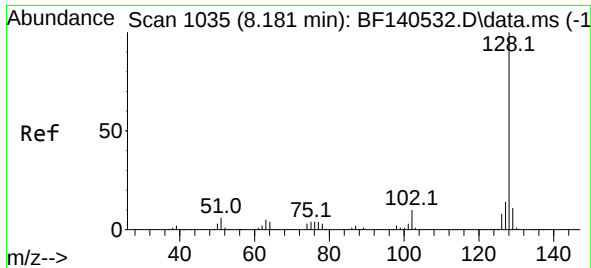
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.022 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

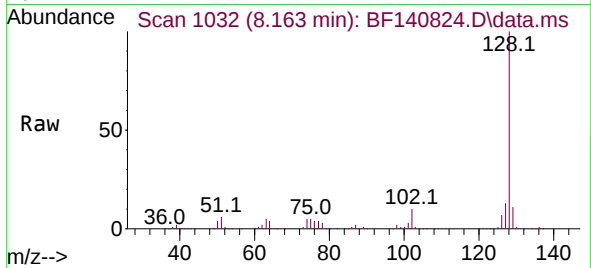
Tgt Ion:180 Resp: 202902
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
145 32.3 25.9 38.9





#31
Naphthalene
Concen: 47.238 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

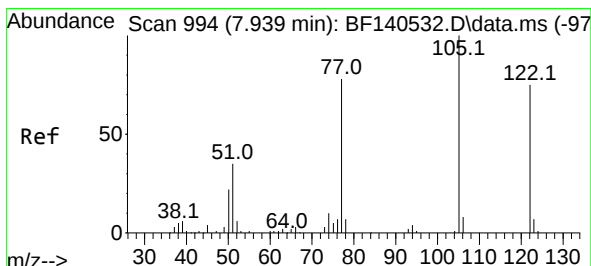
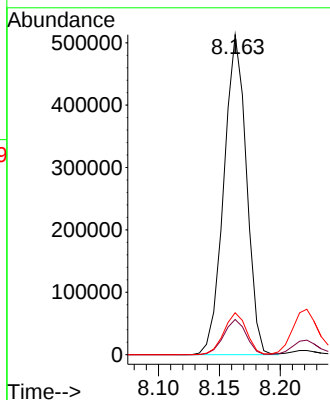
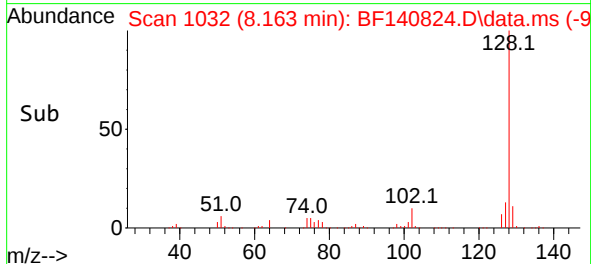
Instrument :
BNA_F
ClientSampleId :
PB165525BS



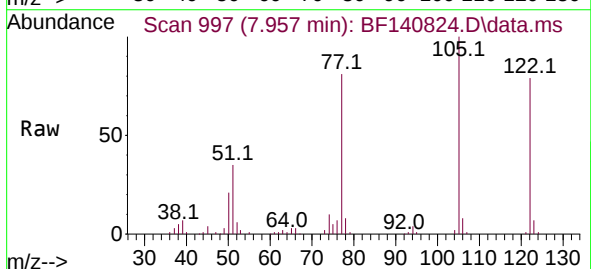
Tgt Ion:128 Resp: 66181
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.8 16.2

Manual Integrations
APPROVED

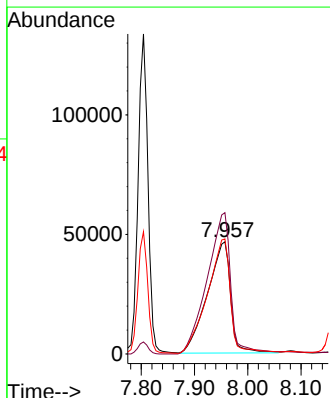
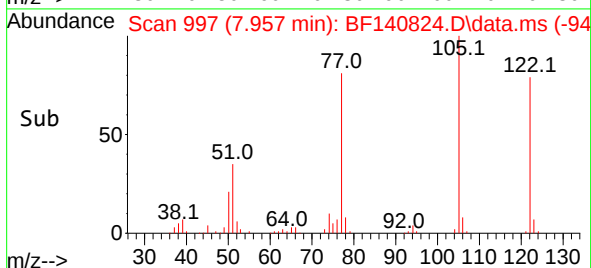
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

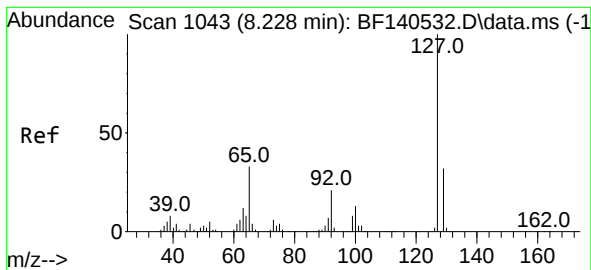


#32
Benzoic acid
Concen: 54.266 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



Tgt Ion:122 Resp: 140411
Ion Ratio Lower Upper
122 100
105 125.8 109.3 149.3
77 102.5 82.3 122.3





#33
4-Chloroaniline
Concen: 28.511 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

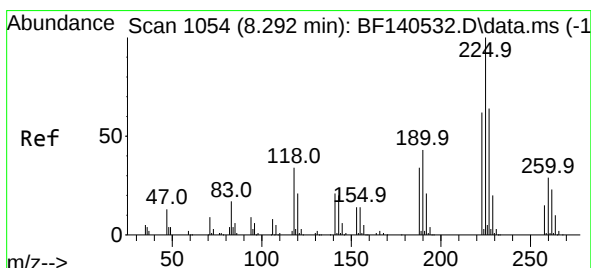
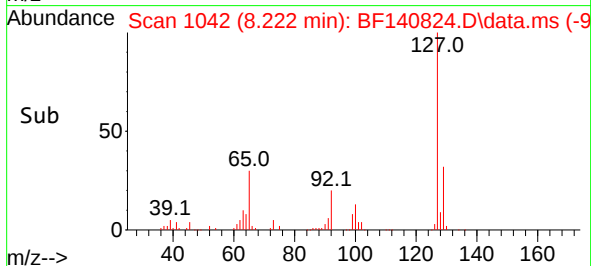
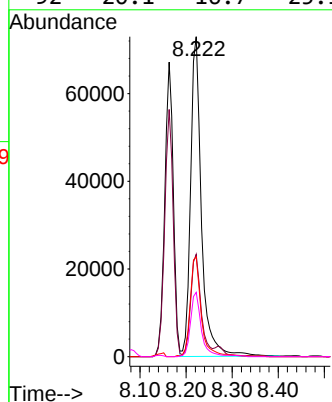
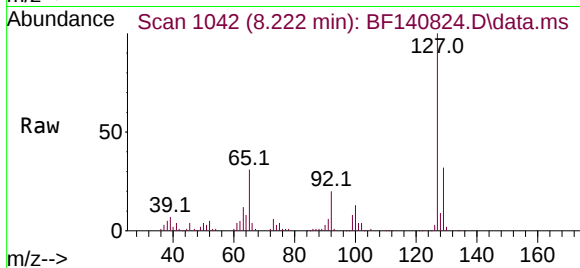
ClientSampleId :

PB165525BS

Tgt Ion:127 Resp: 11959
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 31.2 26.0 39.0
92 20.1 16.7 25.1

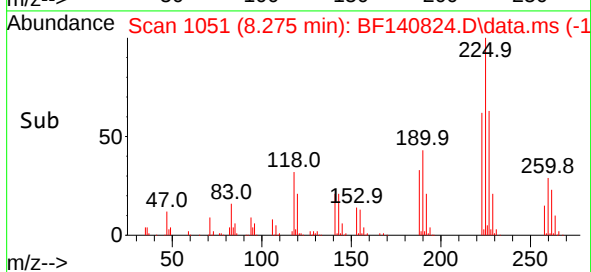
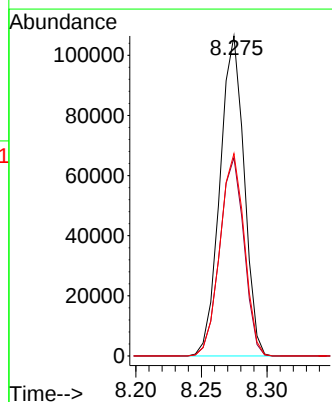
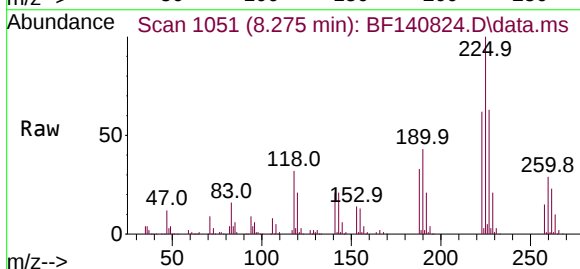
Manual Integrations
APPROVED

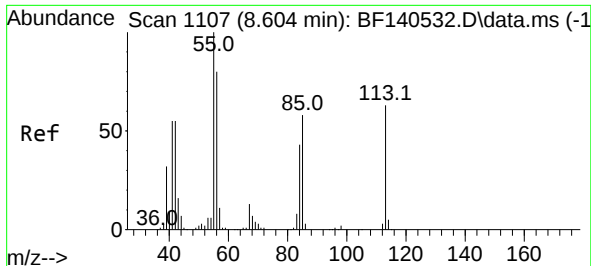
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 46.666 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

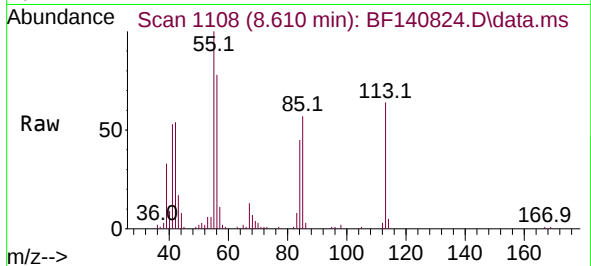
Tgt Ion:225 Resp: 136274
Ion Ratio Lower Upper
225 100
223 61.9 49.8 74.8
227 63.3 51.3 76.9





#35
Caprolactam
Concen: 49.428 ng m
RT: 8.610 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

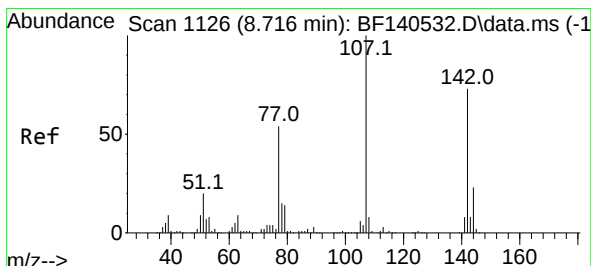
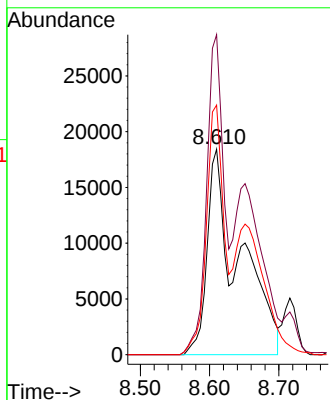
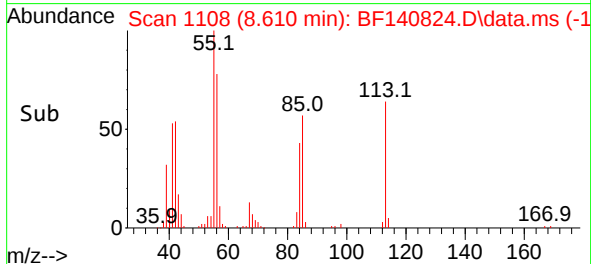
Instrument :
BNA_F
ClientSampleId :
PB165525BS



Tgt Ion:113 Resp: 5906
Ion Ratio Lower Upper
113 100
55 155.8 137.7 177.7
56 121.5 106.4 146.4

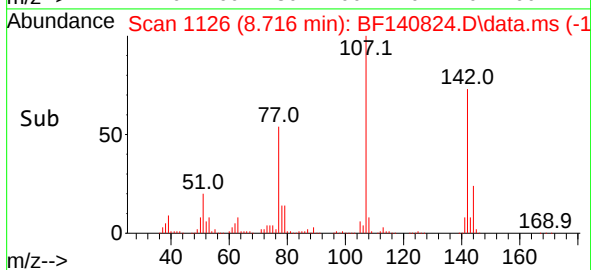
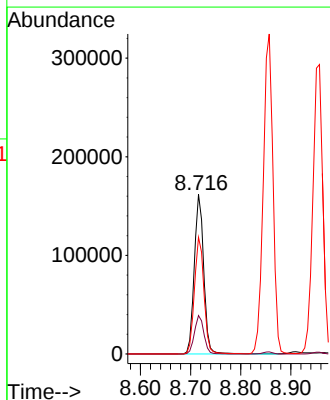
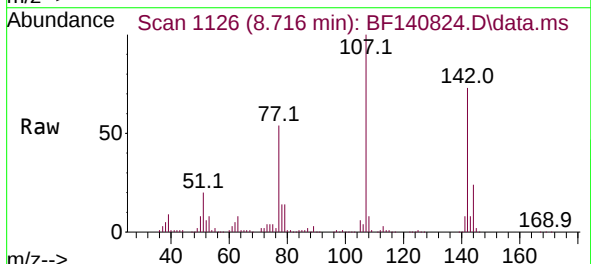
Manual Integrations
APPROVED

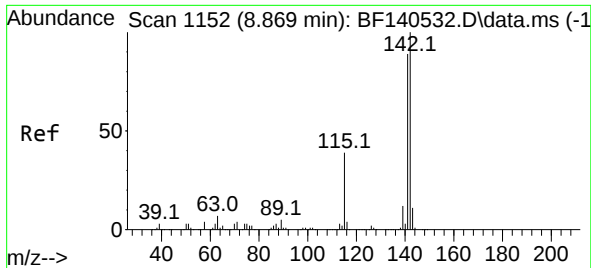
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 48.955 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:107 Resp: 211648
Ion Ratio Lower Upper
107 100
144 24.1 18.7 28.1
142 73.2 58.3 87.5





#37

2-Methylnaphthalene

Concen: 48.904 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:142 Resp: 43518

Ion Ratio Lower Upper

142 100

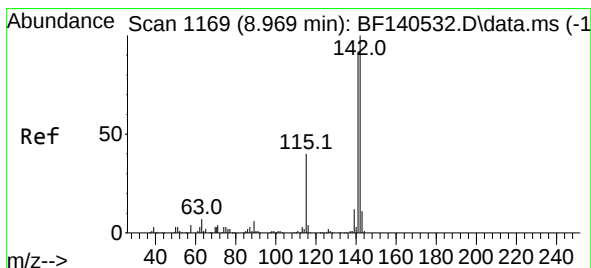
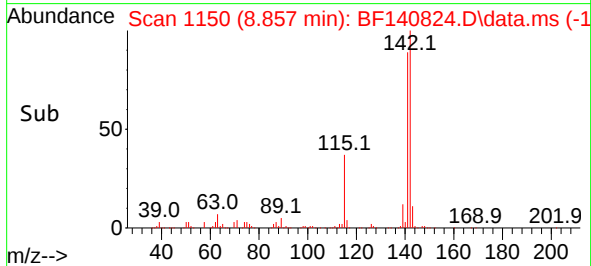
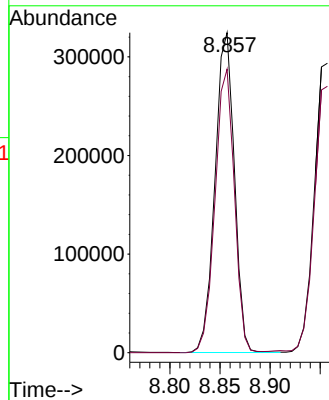
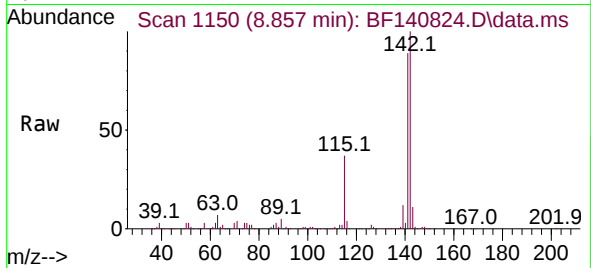
141 88.6 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#38

1-Methylnaphthalene

Concen: 45.947 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140824.D

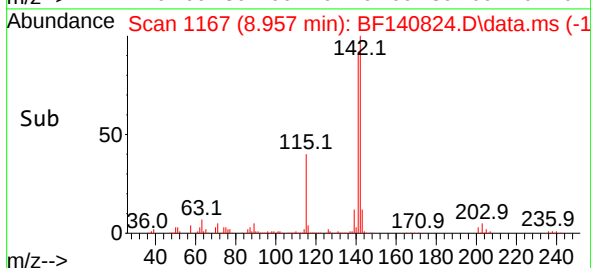
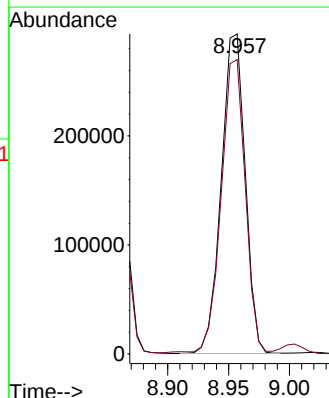
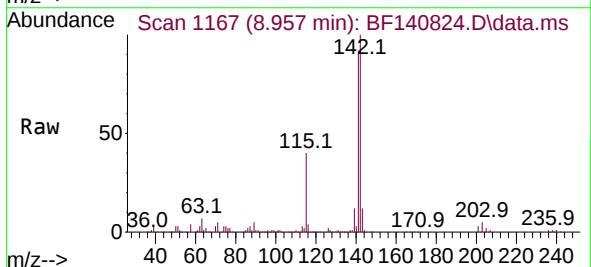
Acq: 11 Dec 2024 12:57

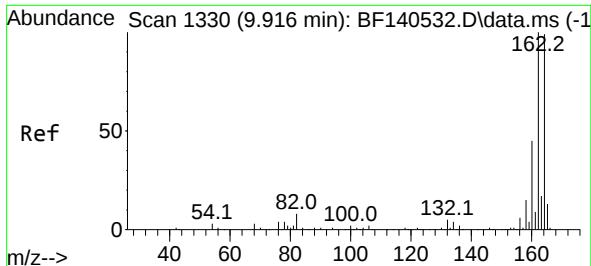
Tgt Ion:142 Resp: 400774

Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.018 min

Lab File: BF140824.D

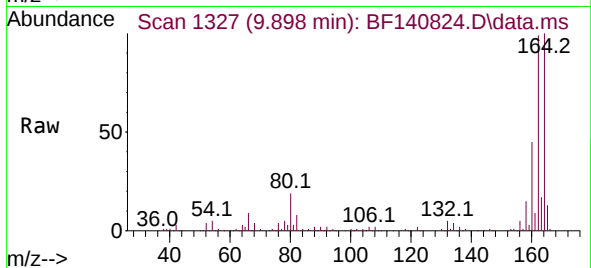
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS



Tgt Ion:164 Resp: 15453

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

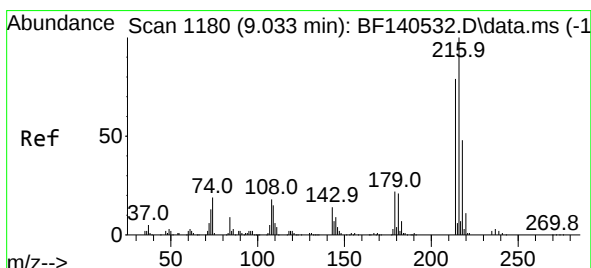
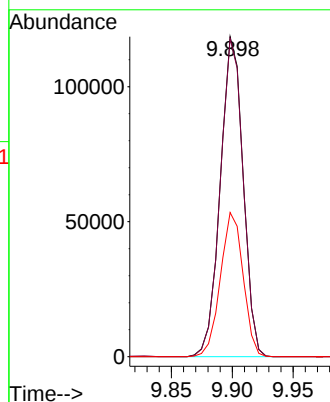
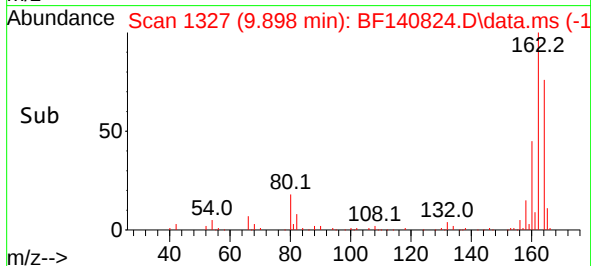
160 45.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.786 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Tgt Ion:216 Resp: 216179

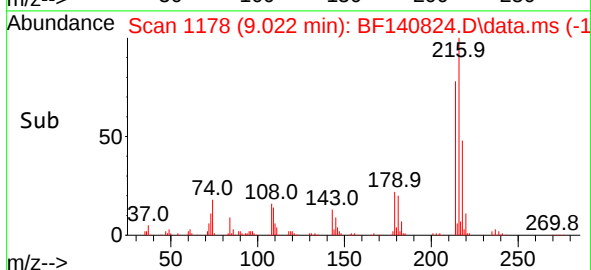
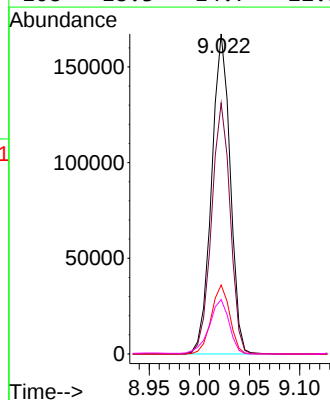
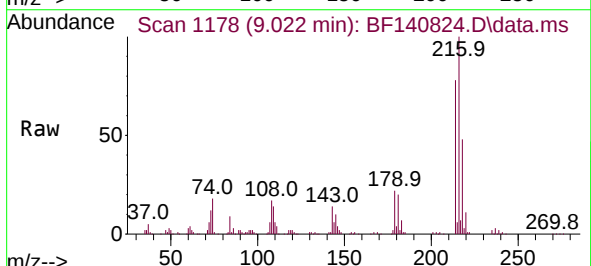
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.4 17.5 26.3

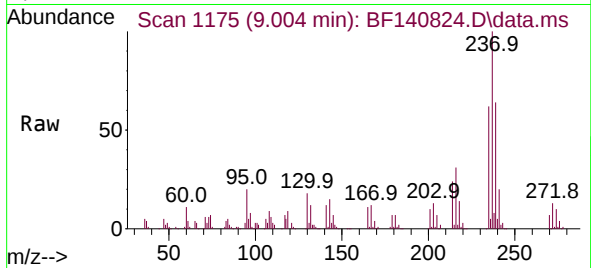
108 18.3 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 90.590 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

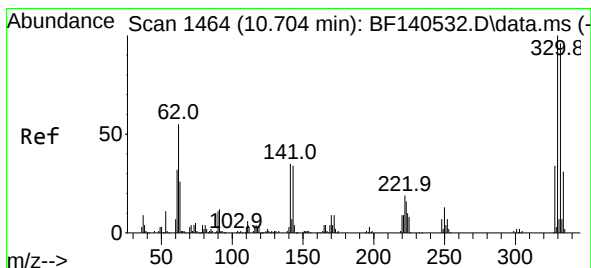
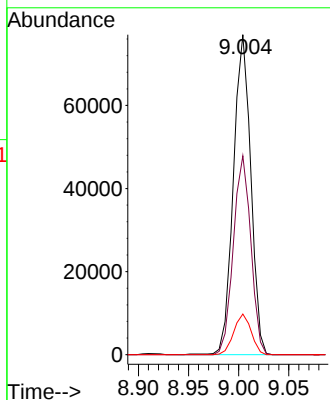
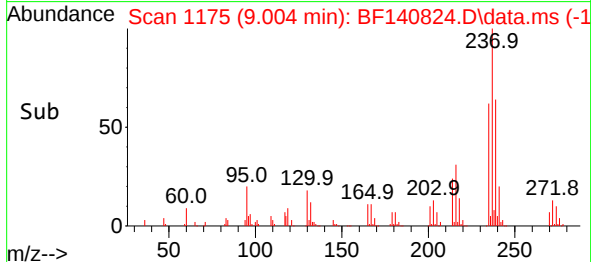
Instrument :
BNA_F
ClientSampleId :
PB165525BS



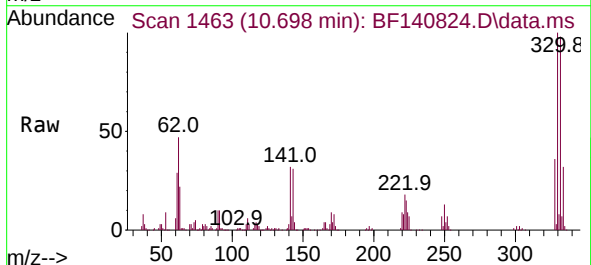
Tgt Ion:237 Resp: 93199
Ion Ratio Lower Upper
237 100
235 62.2 41.1 81.1
272 12.7 0.0 32.6

Manual Integrations
APPROVED

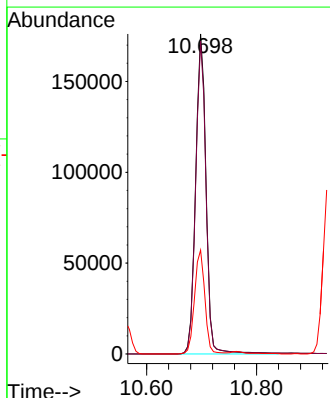
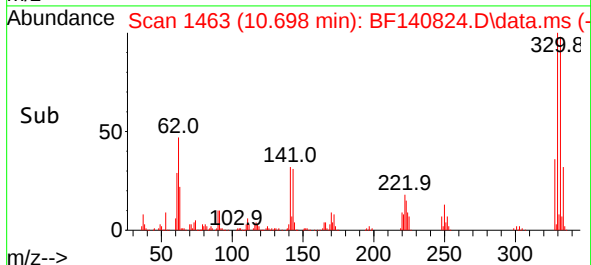
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

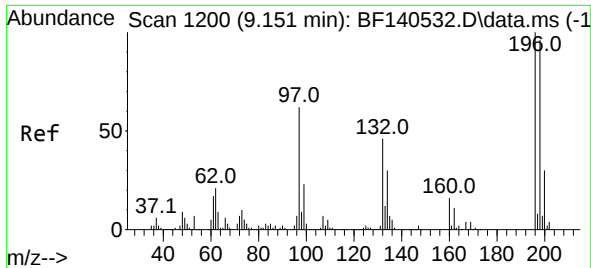


#42
2,4,6-Tribromophenol
Concen: 140.618 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



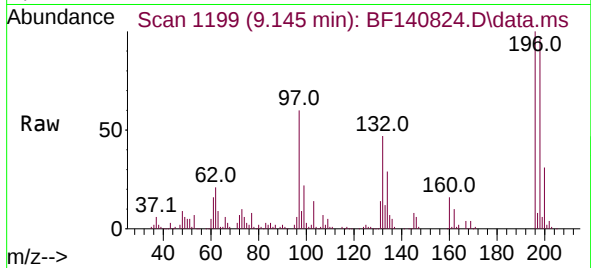
Tgt Ion:330 Resp: 232403
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 32.2 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.396 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

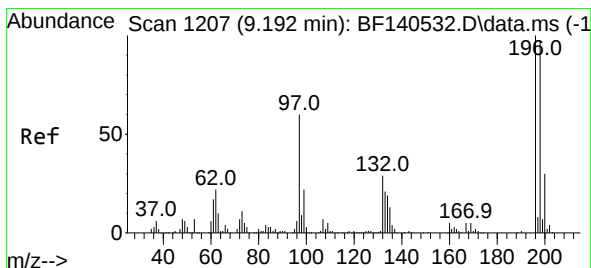
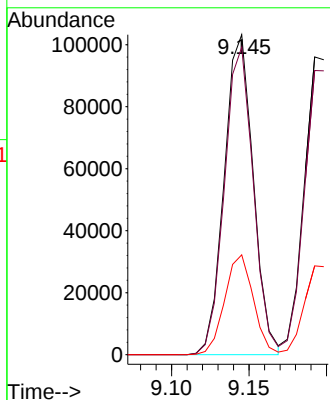
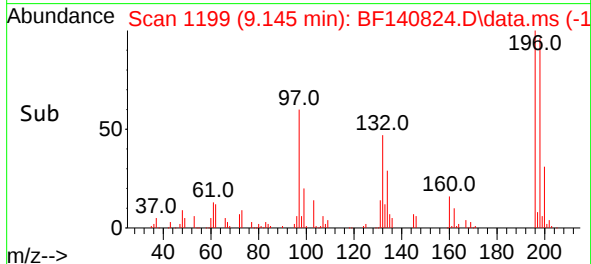
Instrument :
BNA_F
ClientSampleId :
PB165525BS



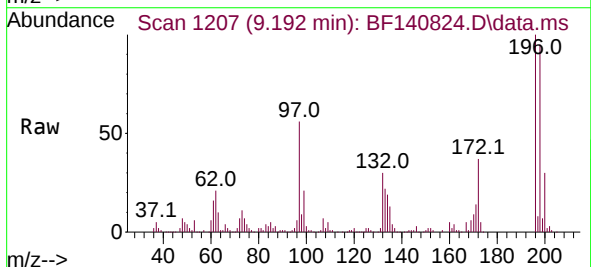
Tgt Ion:196 Resp: 134544
Ion Ratio Lower Upper
196 100
198 96.1 76.8 115.2
200 31.2 24.3 36.5

Manual Integrations
APPROVED

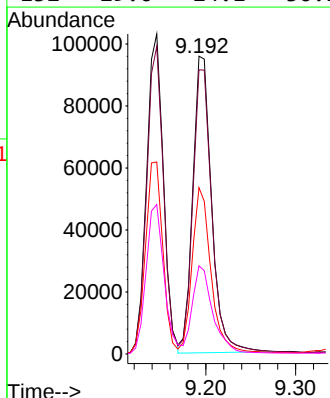
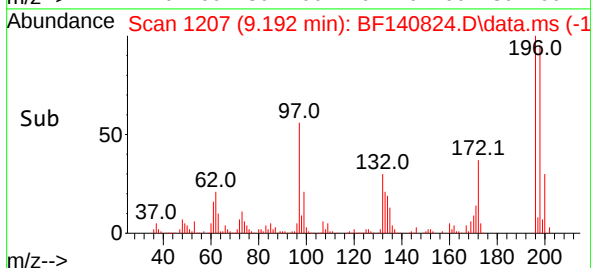
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

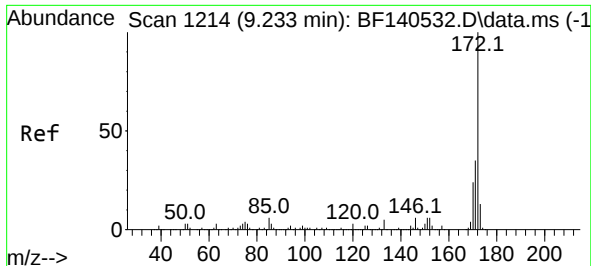


#44
2,4,5-Trichlorophenol
Concen: 45.394 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



Tgt Ion:196 Resp: 139850
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 55.8 47.1 70.7
132 29.6 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 90.035 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

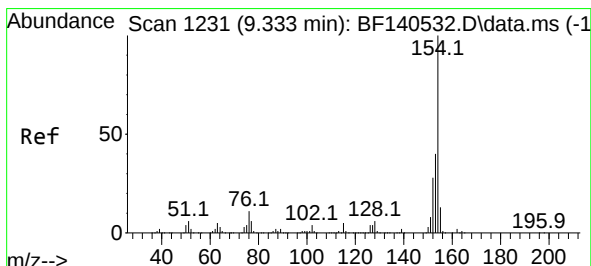
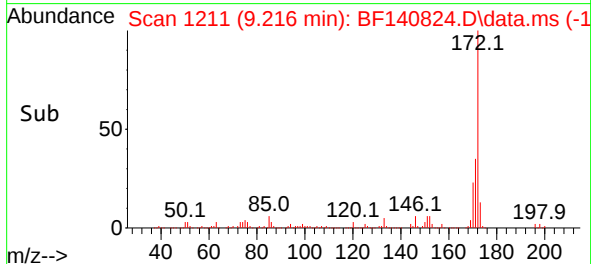
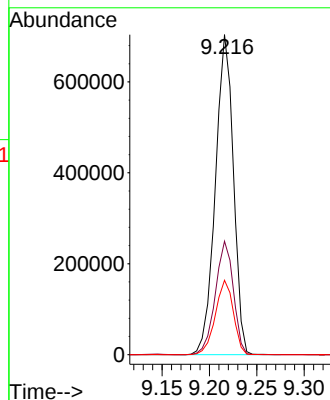
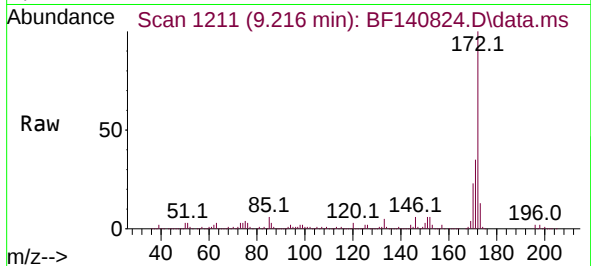
ClientSampleId :

PB165525BS

Tgt Ion:172 Resp: 93381
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 19.0 28.6

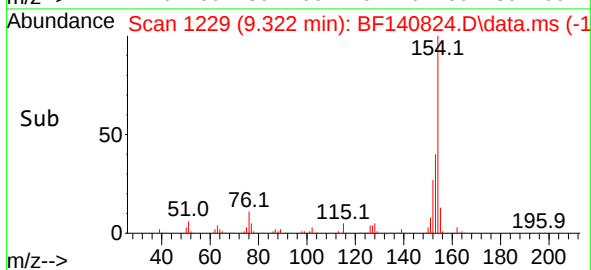
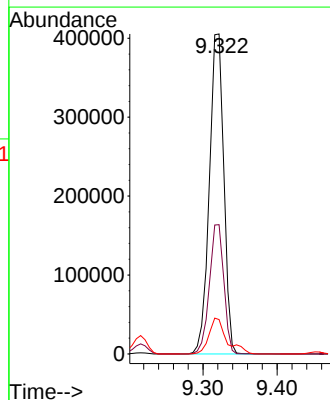
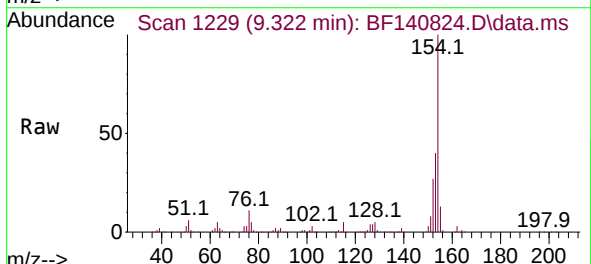
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#46
1,1'-Biphenyl
Concen: 47.724 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:154 Resp: 550620
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.7 0.0 31.2





#47
2-Chloronaphthalene
Concen: 46.857 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

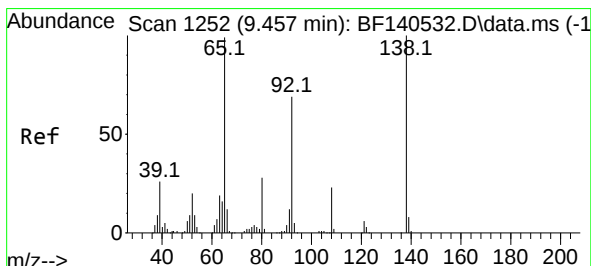
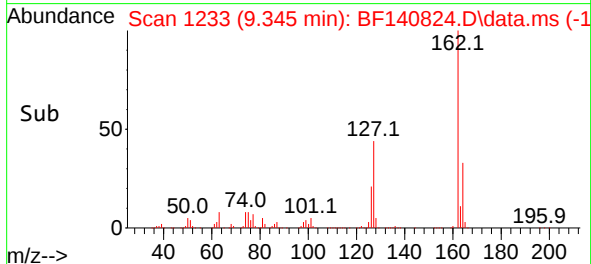
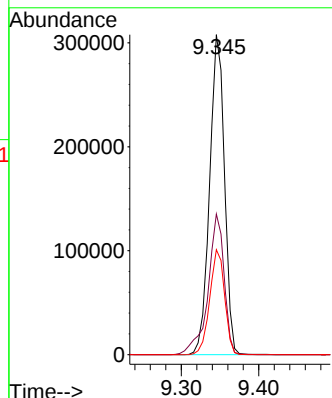
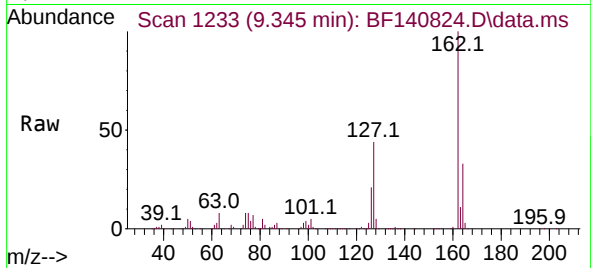
ClientSampleId :

PB165525BS

Tgt Ion:162 Resp: 40963
Ion Ratio Lower Upper
162 100
127 44.0 35.7 53.5
164 32.8 26.1 39.1

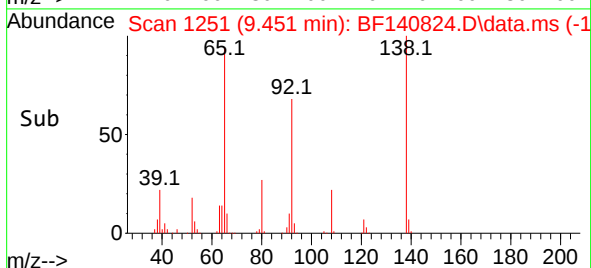
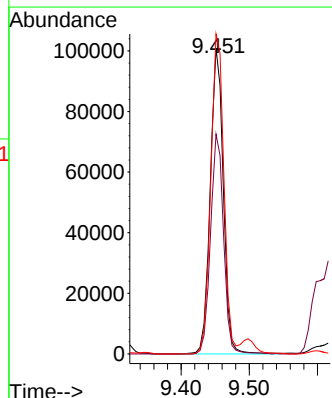
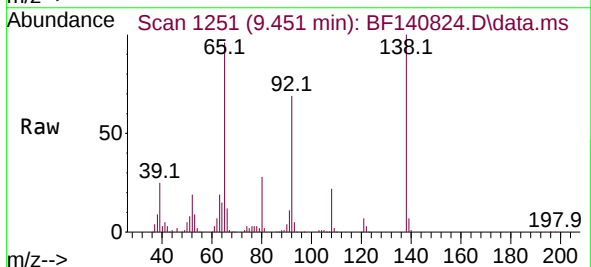
Manual Integrations
APPROVED

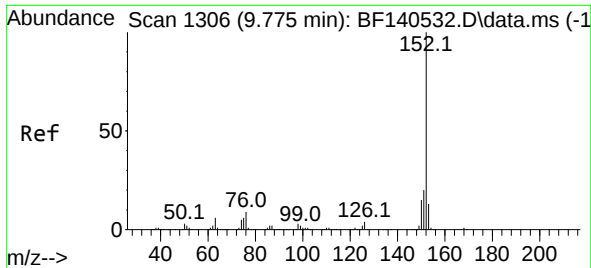
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#48
2-Nitroaniline
Concen: 48.063 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion: 65 Resp: 134869
Ion Ratio Lower Upper
65 100
92 71.9 56.1 84.1
138 104.6 81.0 121.6





#49
Acenaphthylene
Concen: 50.207 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

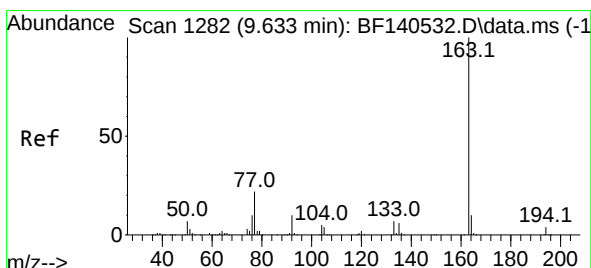
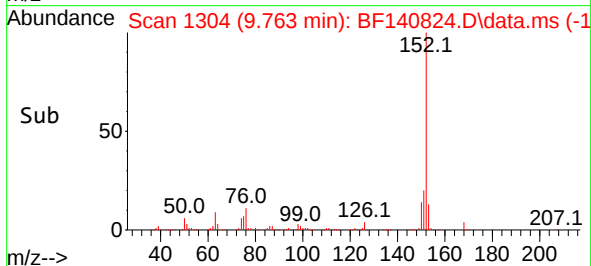
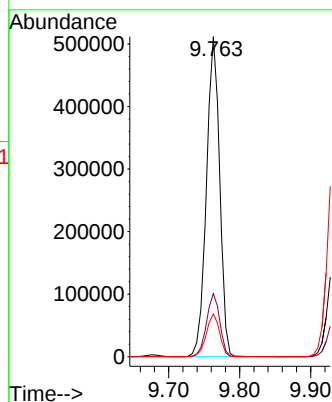
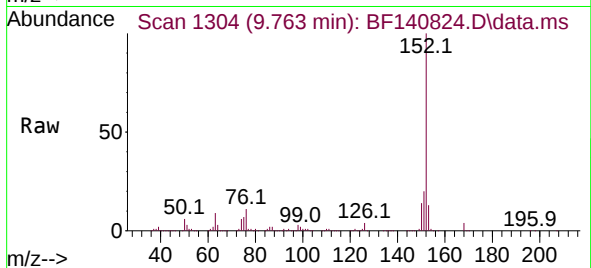
ClientSampleId :

PB165525BS

Tgt Ion:152 Resp: 663184
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.4 10.6 16.0

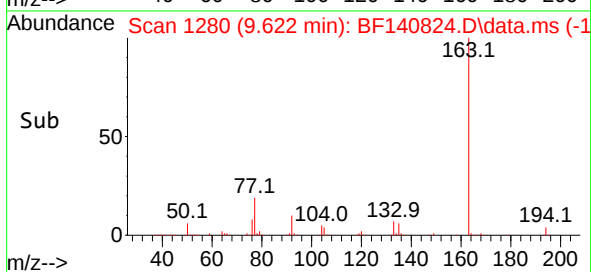
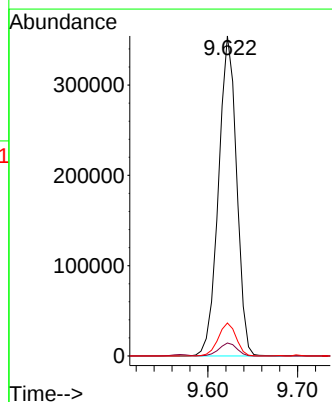
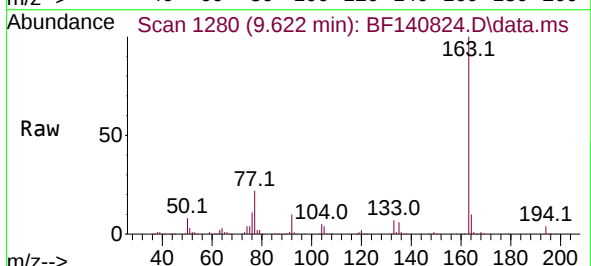
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#50
Dimethylphthalate
Concen: 48.839 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:163 Resp: 497052
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.836 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

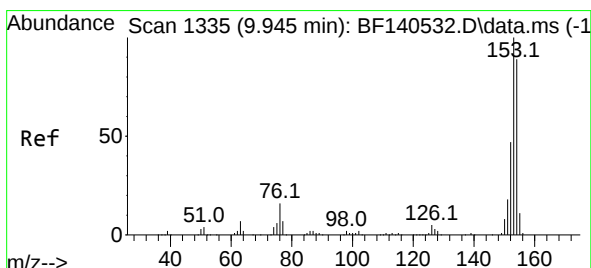
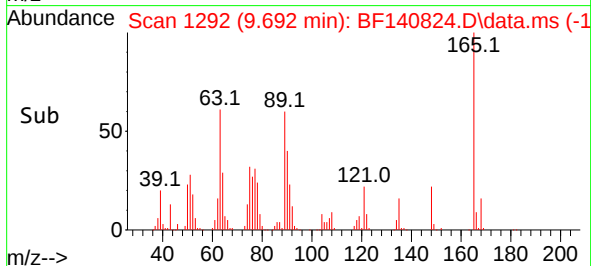
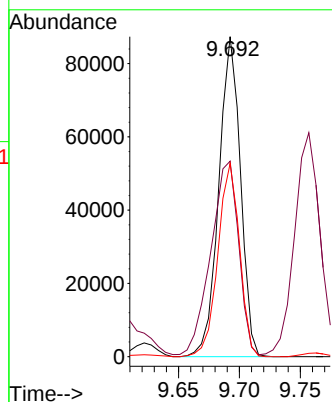
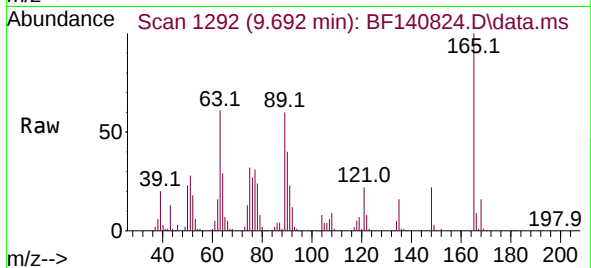
PB165525BS

Tgt Ion:165 Resp: 10810
Ion Ratio Lower Upper
165 100
63 61.1 49.9 74.9
89 60.4 50.9 76.3

Manual Integrations

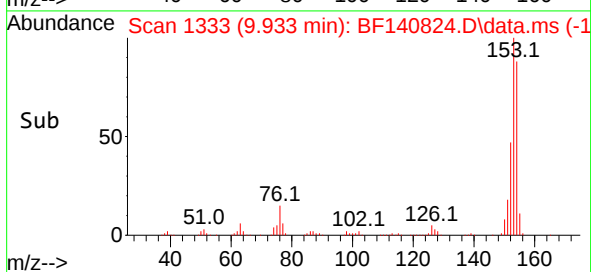
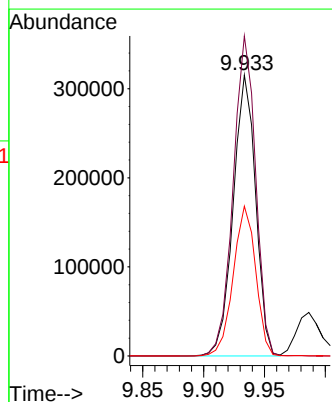
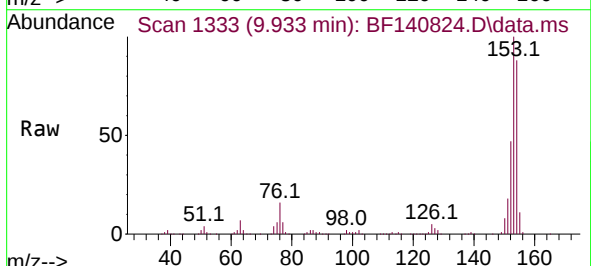
APPROVED

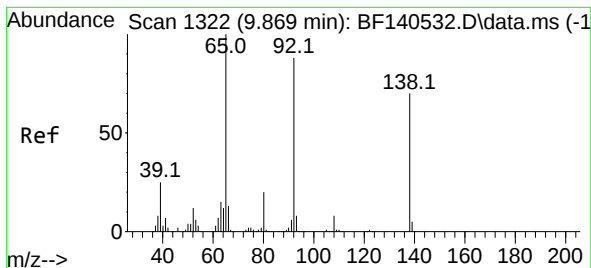
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#52
Acenaphthene
Concen: 48.335 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:154 Resp: 405667
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 53.3 42.5 63.7





#53

3-Nitroaniline

Concen: 33.295 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

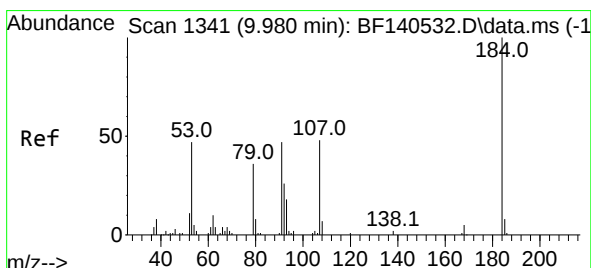
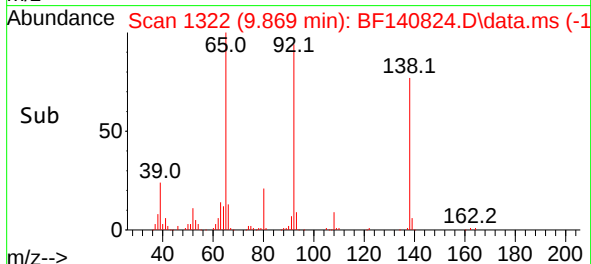
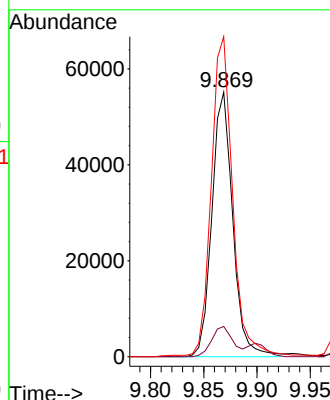
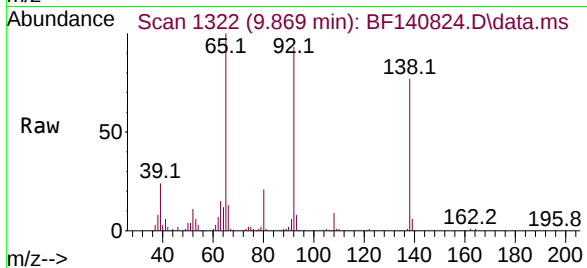
Tgt Ion:138 Resp: 75164
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.2 13.8
 92 121.0 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#54

2,4-Dinitrophenol

Concen: 91.960 ng

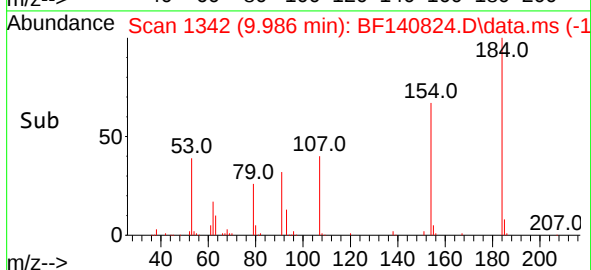
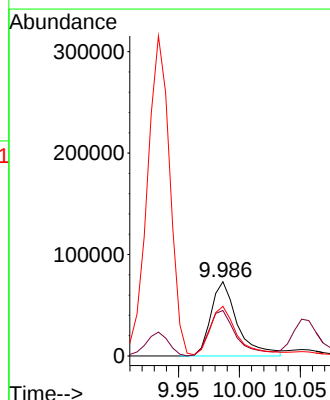
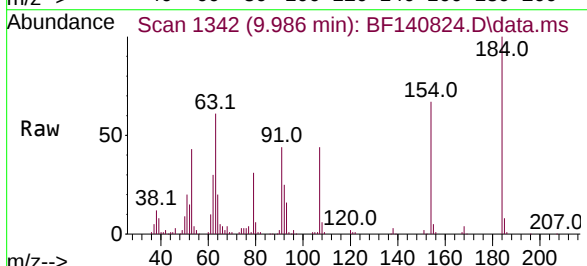
RT: 9.986 min Scan# 1342

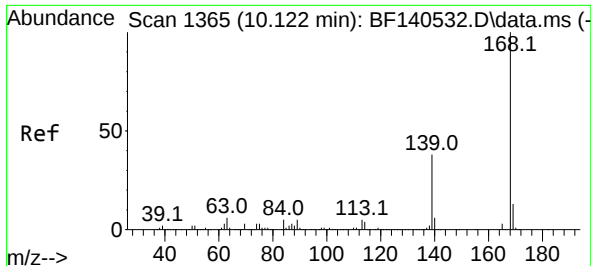
Delta R.T. 0.006 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

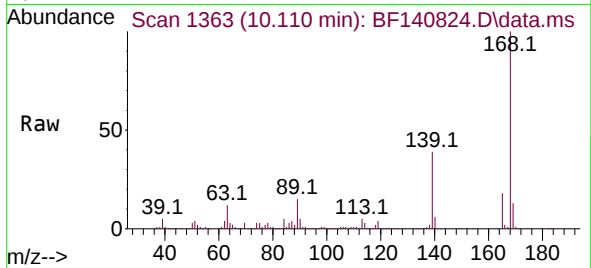
Tgt Ion:184 Resp: 111480
 Ion Ratio Lower Upper
 184 100
 63 61.3 54.1 81.1
 154 66.8 57.4 86.0





#55
Dibenzenofuran
Concen: 48.442 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

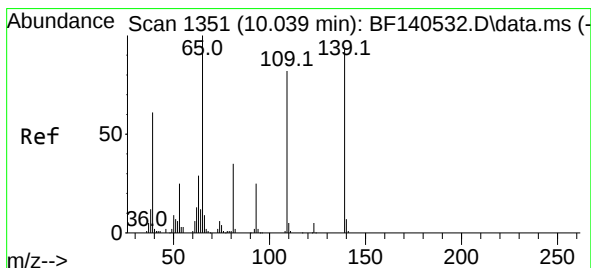
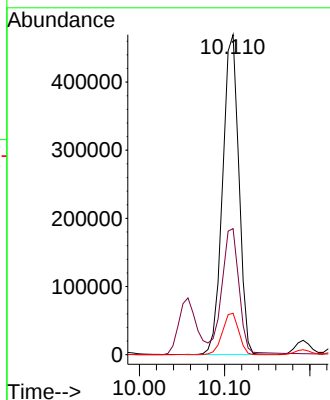
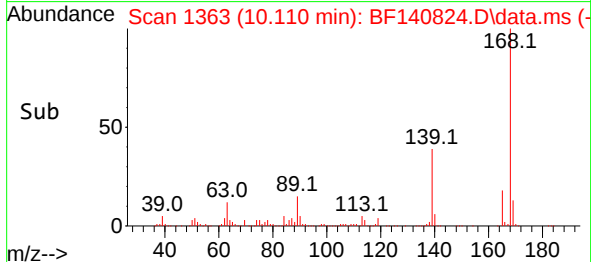
Instrument :
BNA_F
ClientSampleId :
PB165525BS



Tgt Ion:168 Resp: 620144
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.0 10.5 15.7

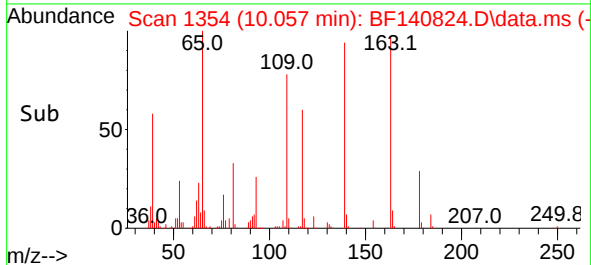
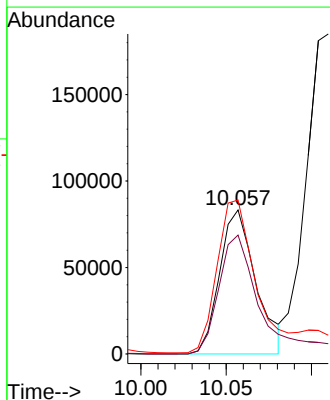
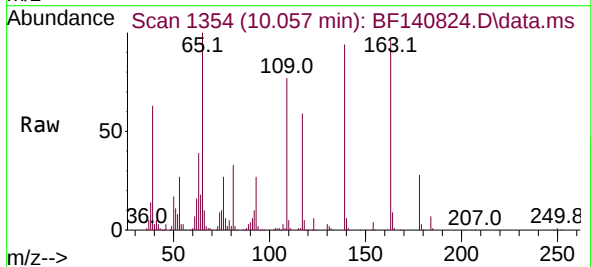
Manual Integrations
APPROVED

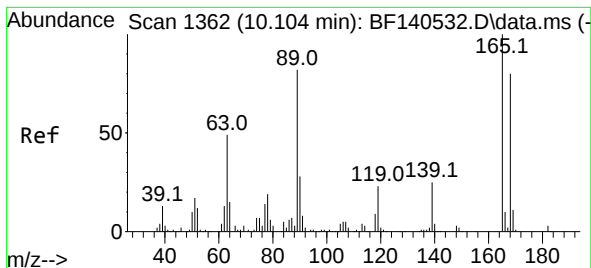
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 80.057 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:139 Resp: 123257
Ion Ratio Lower Upper
139 100
109 82.6 68.4 108.4
65 106.9 88.6 128.6





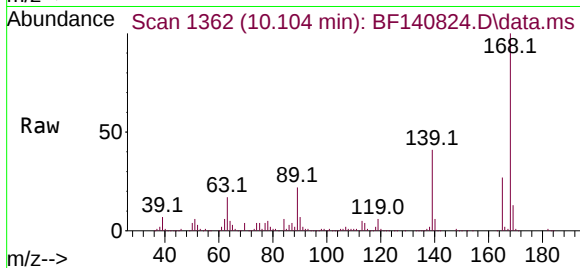
#57
2,4-Dinitrotoluene
Concen: 49.252 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

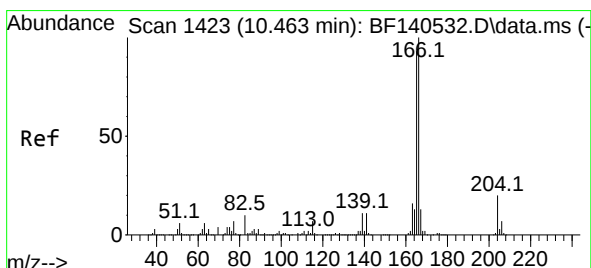
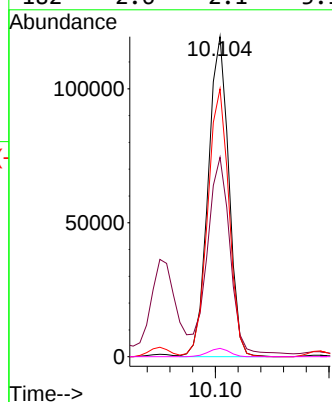
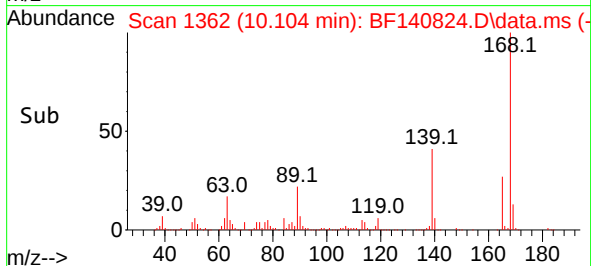


Tgt Ion:165 Resp: 151089
Ion Ratio Lower Upper
165 100
63 62.3 41.7 62.5
89 83.7 65.8 98.8
182 2.6 2.1 3.1

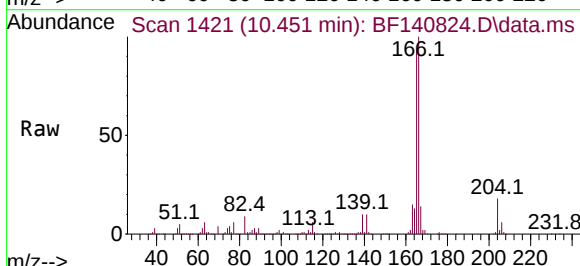
Manual Integrations

APPROVED

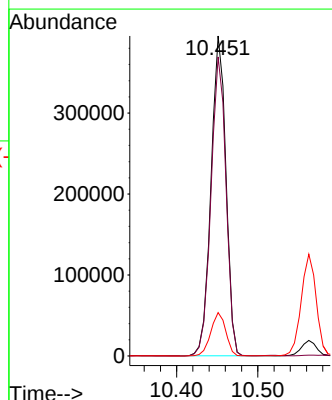
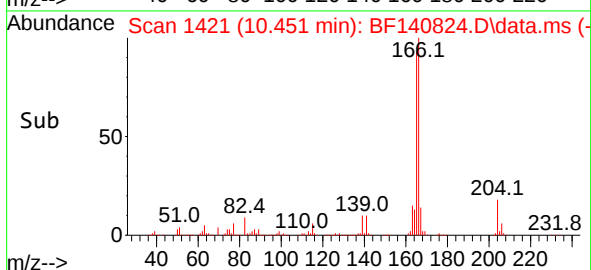
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 49.020 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



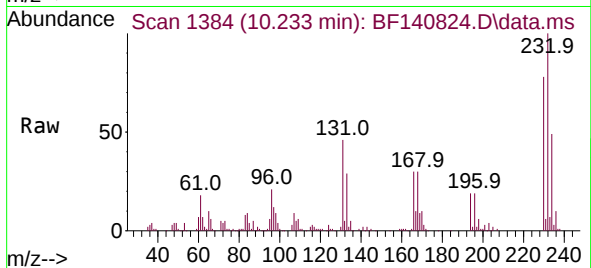
Tgt Ion:166 Resp: 503714
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.381 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

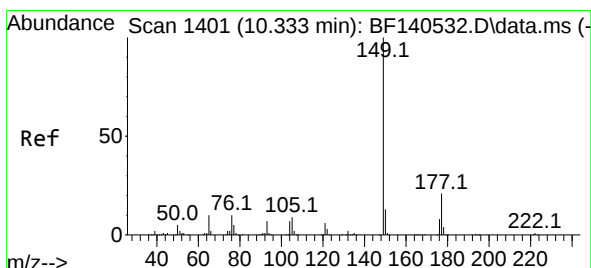
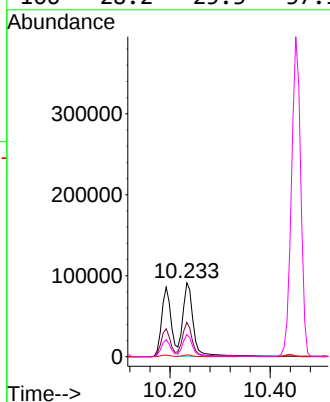
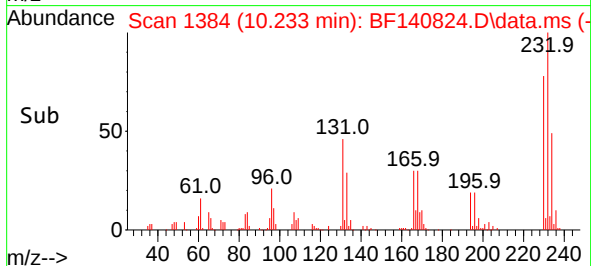
Instrument :
BNA_F
ClientSampleId :
PB165525BS



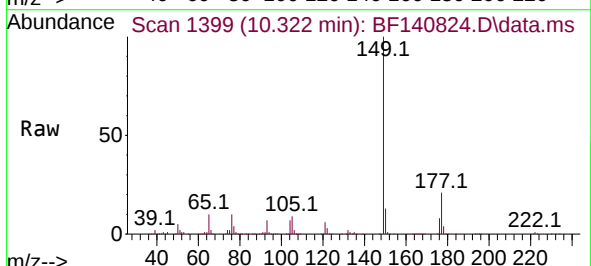
Tgt Ion:232 Resp: 131128
Ion Ratio Lower Upper
232 100
131 43.4 39.6 59.4
130 2.3 1.9 2.9
166 28.2 25.3 37.9

Manual Integrations
APPROVED

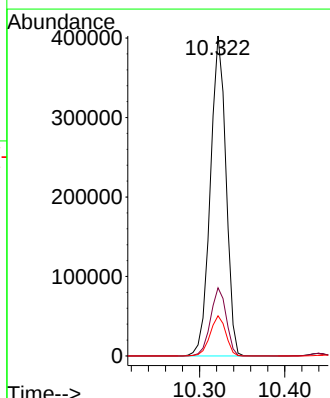
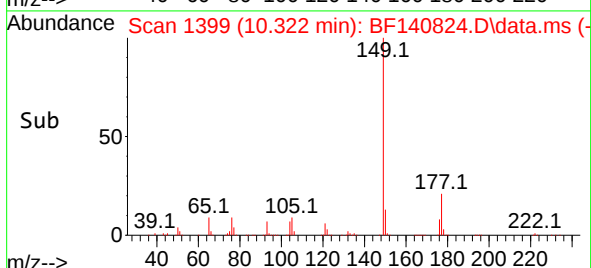
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

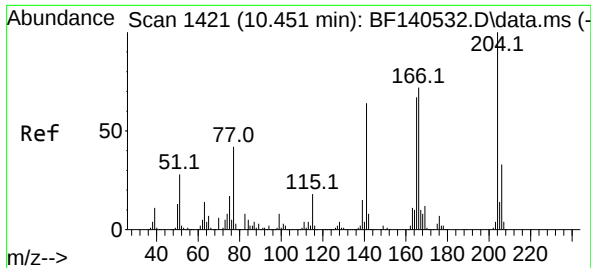


#60
Diethylphthalate
Concen: 49.620 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



Tgt Ion:149 Resp: 513096
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.6 10.1 15.1





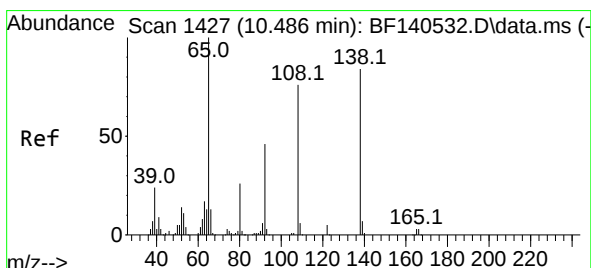
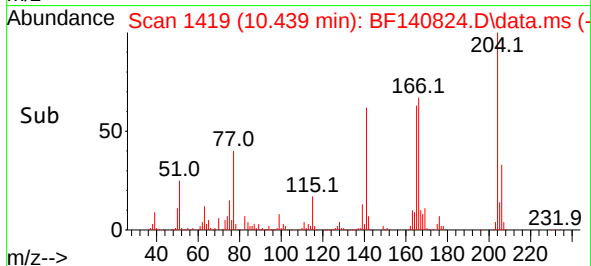
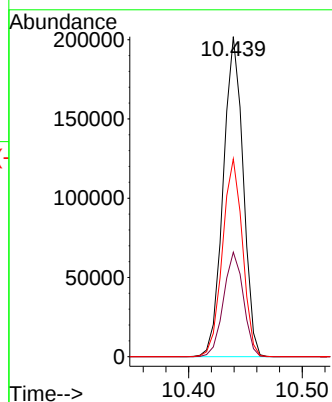
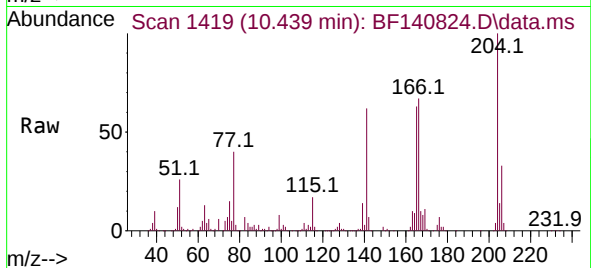
#61
4-Chlorophenyl-phenylether
Concen: 48.815 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Tgt Ion:204 Resp: 24616
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 61.8 51.1 76.7

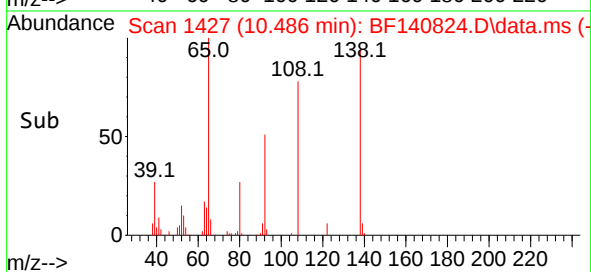
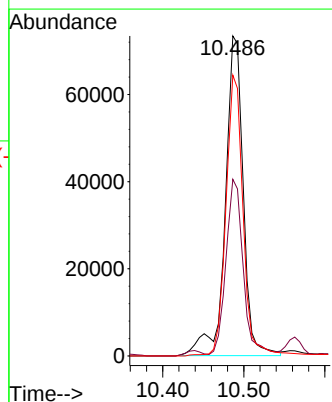
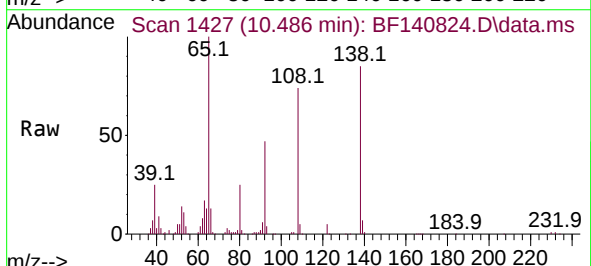
Manual Integrations
APPROVED

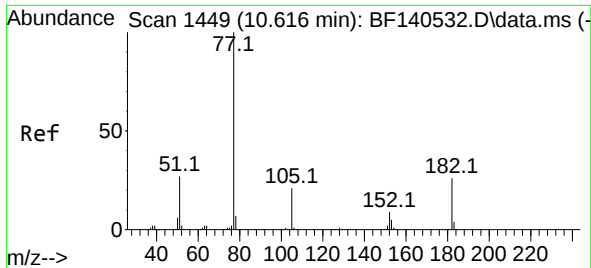
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 47.940 ng m
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:138 Resp: 113508
Ion Ratio Lower Upper
138 100
92 55.2 34.5 74.5
108 87.7 70.6 110.6





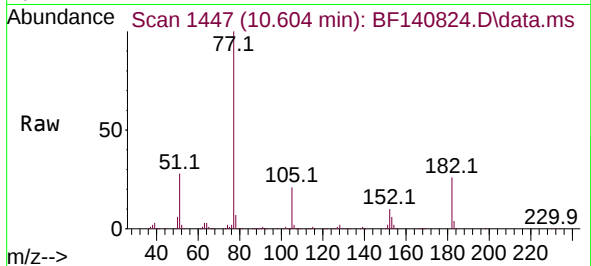
#63
Azobenzene
Concen: 48.962 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS



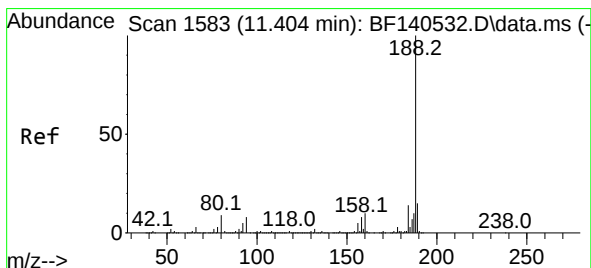
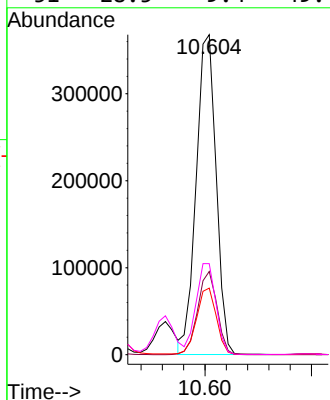
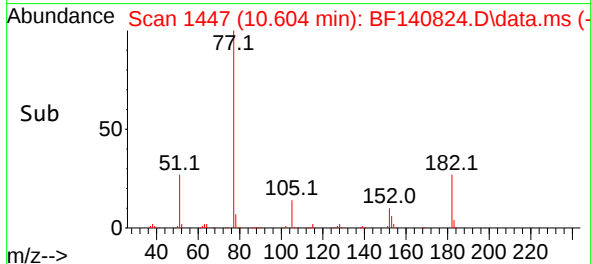
Tgt Ion: 77 Resp: 479448
Ion Ratio Lower Upper
77 100
182 26.0 5.3 45.3
105 20.8 0.3 40.3
51 28.5 9.4 49.4

Manual Integrations

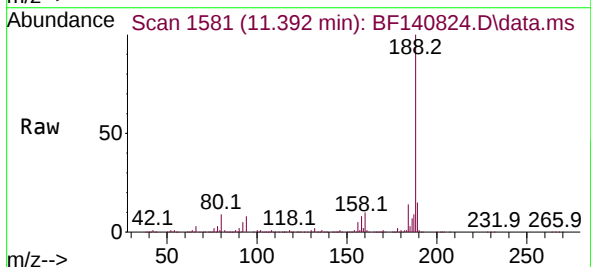
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

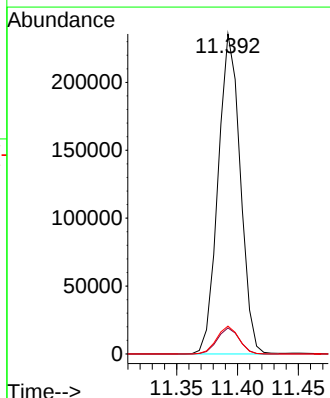
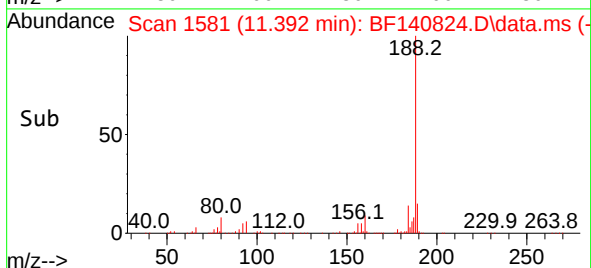
Supervised By :mohammad ahmed 12/12/2024

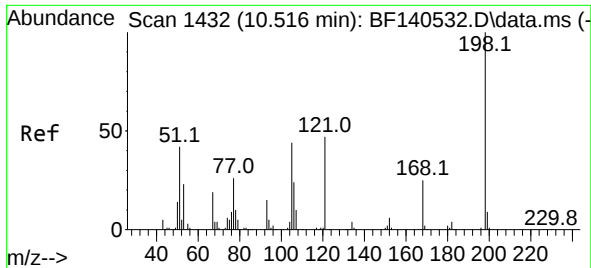


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57



Tgt Ion:188 Resp: 299083
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 6.9 10.3





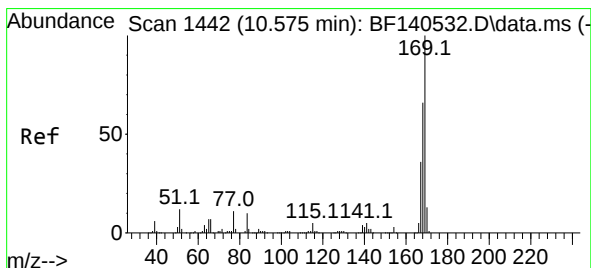
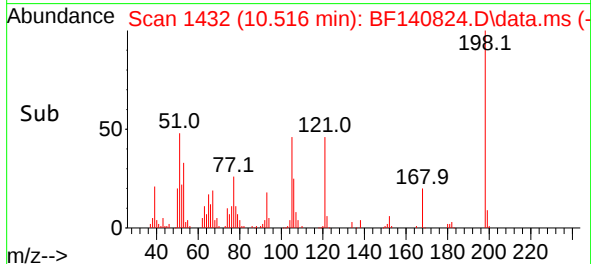
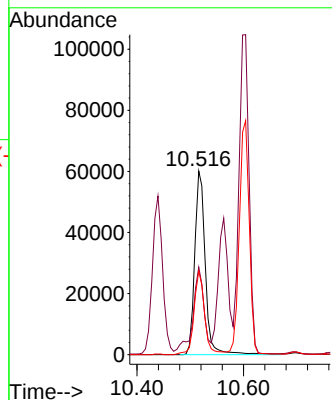
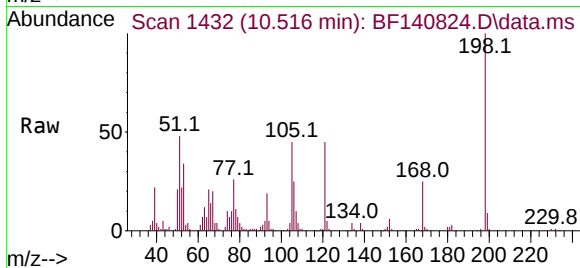
#65
4,6-Dinitro-2-methylphenol
Concen: 54.446 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Tgt Ion:198 Resp: 83212
Ion Ratio Lower Upper
198 100
51 47.7 29.4 69.4
105 45.5 25.4 65.4

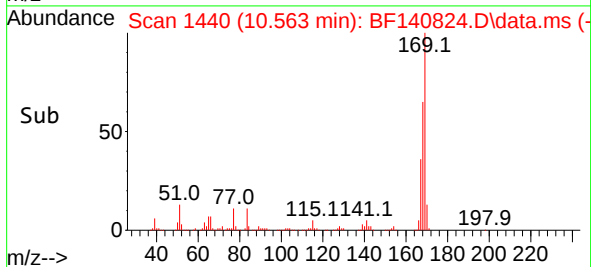
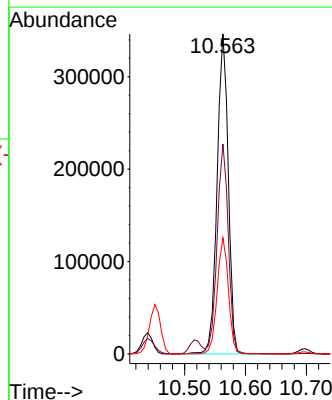
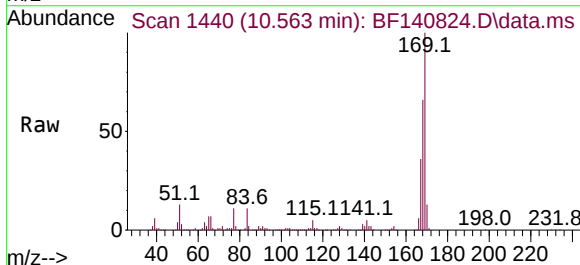
Manual Integrations
APPROVED

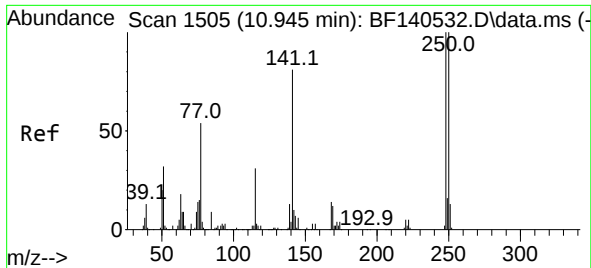
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 50.001 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

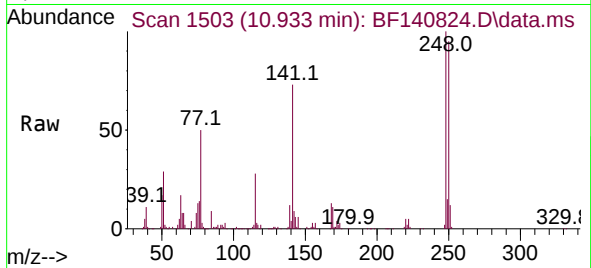
Tgt Ion:169 Resp: 442246
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.363 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

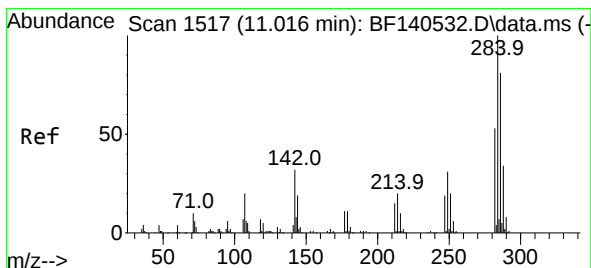
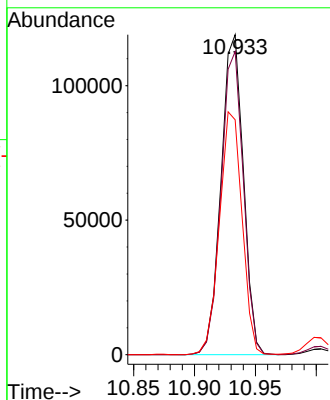
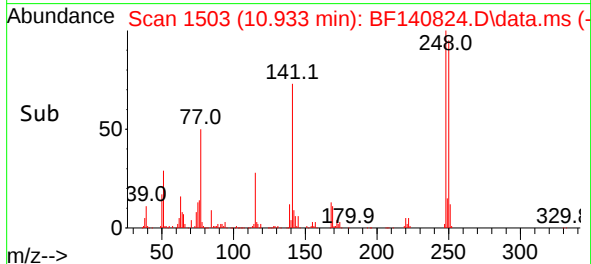
Instrument :
BNA_F
ClientSampleId :
PB165525BS



Tgt Ion:248 Resp: 15204
Ion Ratio Lower Upper
248 100
250 94.7 79.8 119.8
141 73.4 64.7 97.1

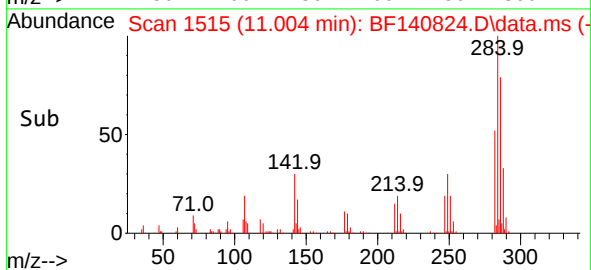
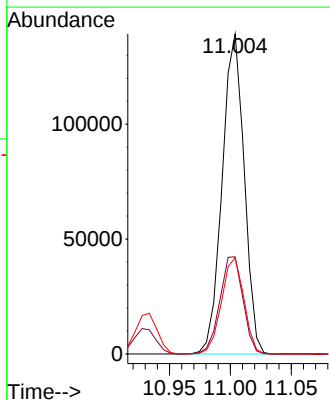
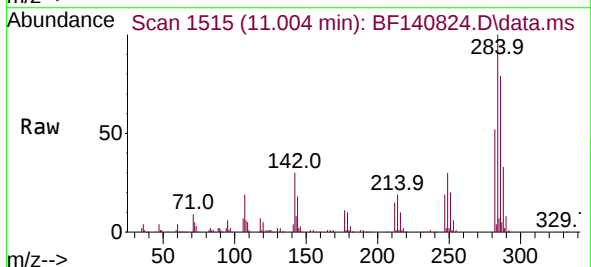
Manual Integrations
APPROVED

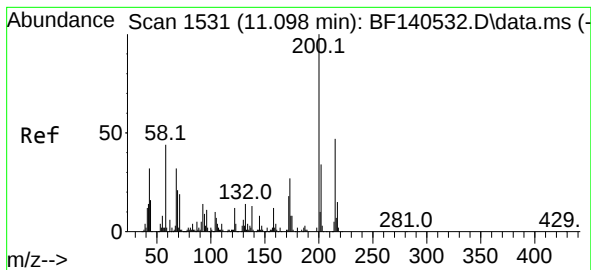
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 49.205 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:284 Resp: 175486
Ion Ratio Lower Upper
284 100
142 30.4 25.3 37.9
249 30.0 24.8 37.2





#69

Atrazine

Concen: 59.554 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:200 Resp: 14818

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

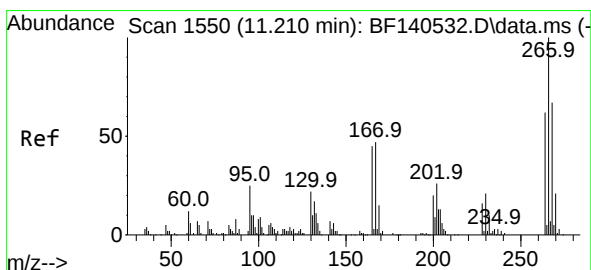
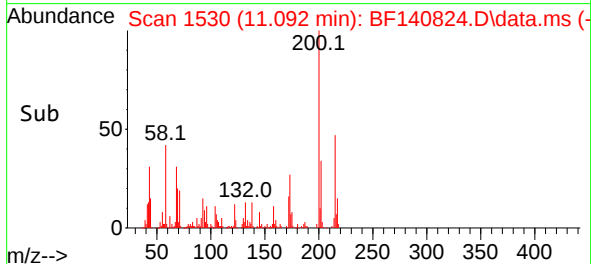
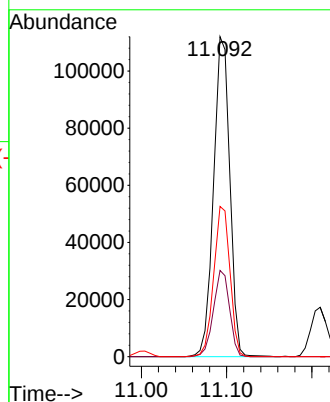
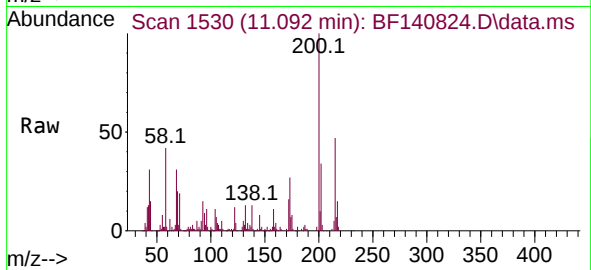
215 46.9 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 95.392 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

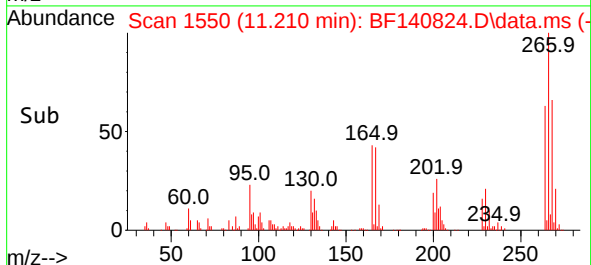
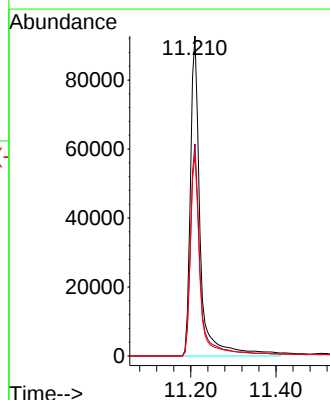
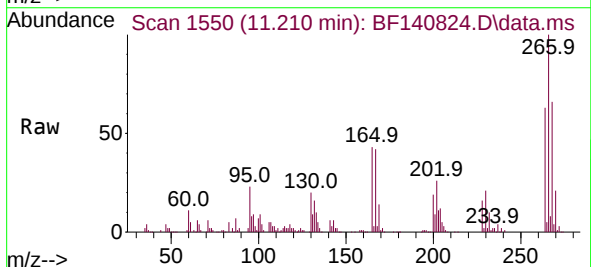
Tgt Ion:266 Resp: 149735

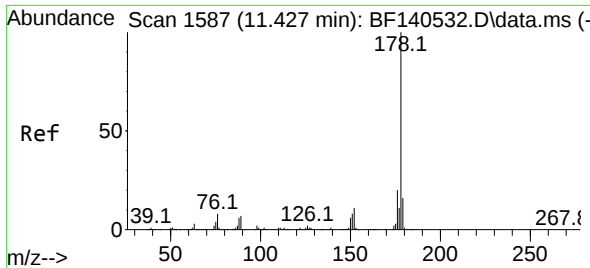
Ion Ratio Lower Upper

266 100

268 66.2 53.7 80.5

264 63.1 49.8 74.8





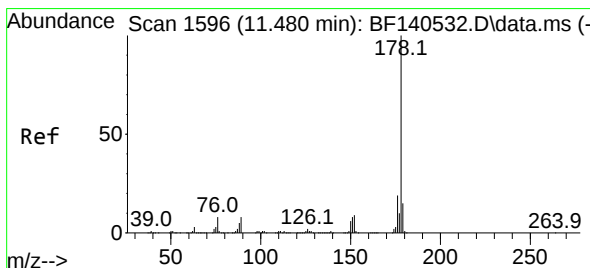
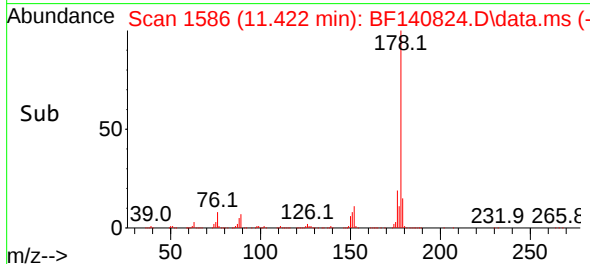
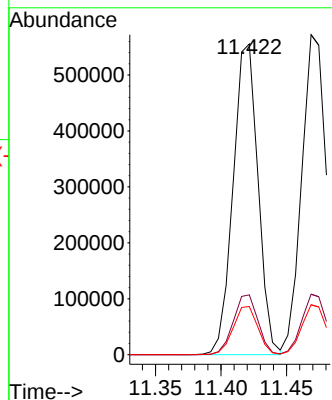
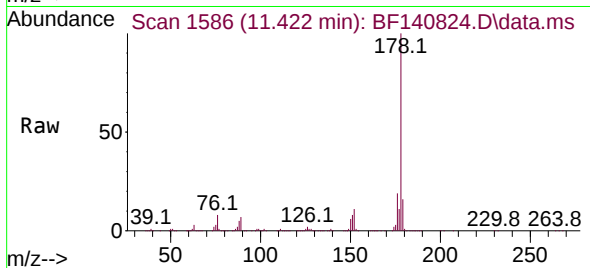
#71
Phenanthrene
Concen: 51.069 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Tgt Ion:178 Resp: 734200
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 12.4 18.6

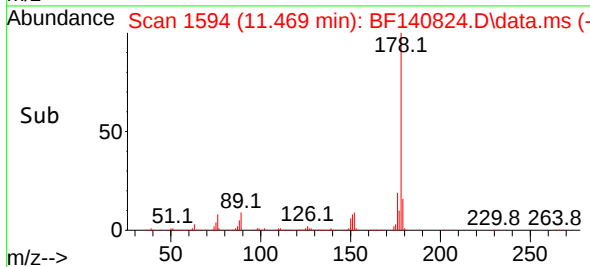
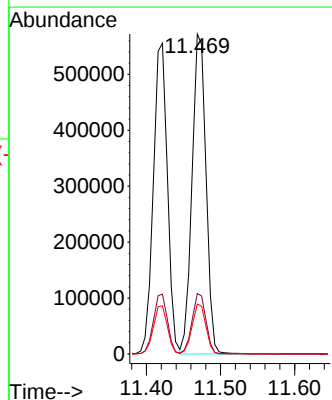
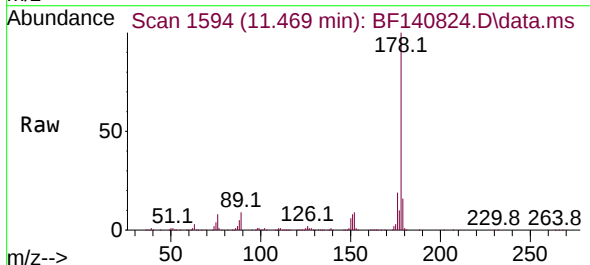
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 53.234 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:178 Resp: 748630
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 51.856 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

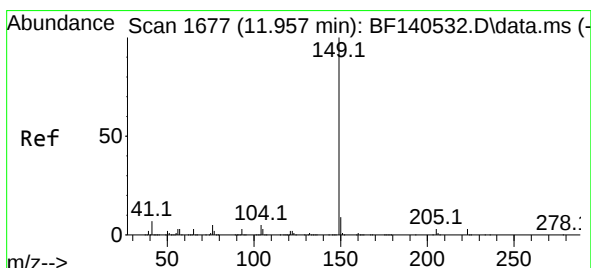
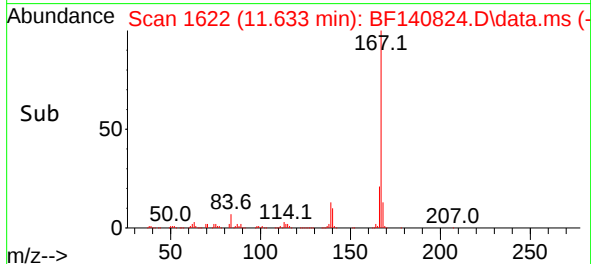
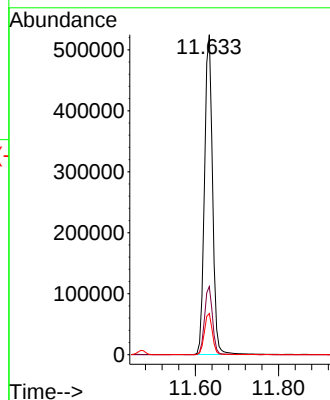
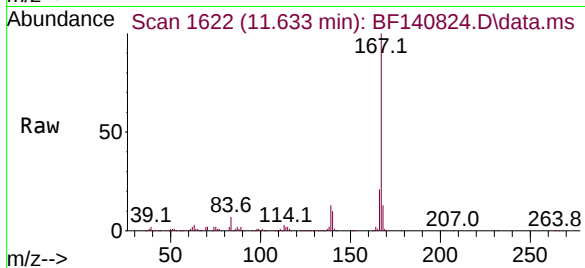
Tgt Ion:167	Resp: 70155
Ion Ratio	Lower Upper
167 100	
166 21.3	17.2 25.8
139 12.8	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#74

Di-n-butylphthalate

Concen: 50.585 ng

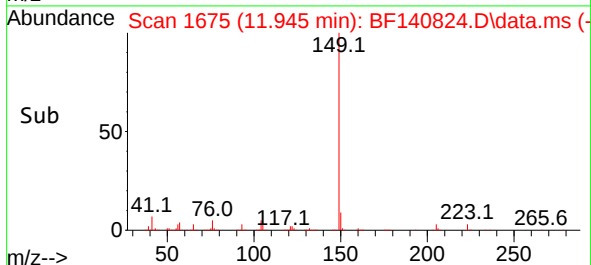
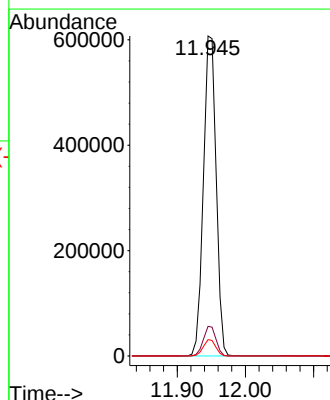
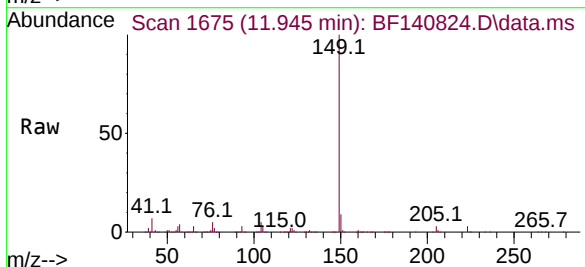
RT: 11.945 min Scan# 1675

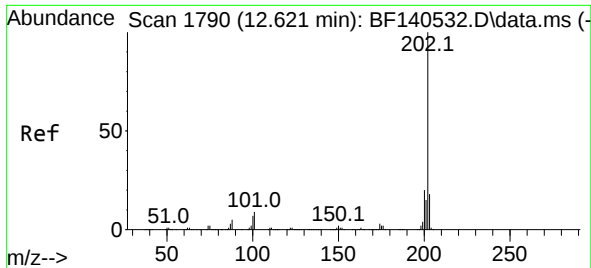
Delta R.T. -0.012 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

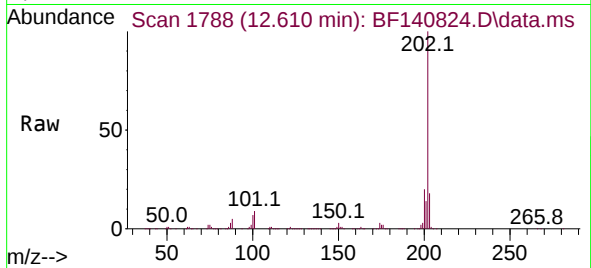
Tgt Ion:149	Resp: 790089
Ion Ratio	Lower Upper
149 100	
150 9.3	7.5 11.3
104 5.1	4.1 6.1





#75
Fluoranthene
Concen: 52.993 ng
RT: 12.610 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

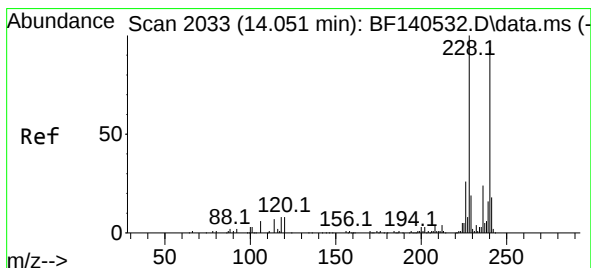
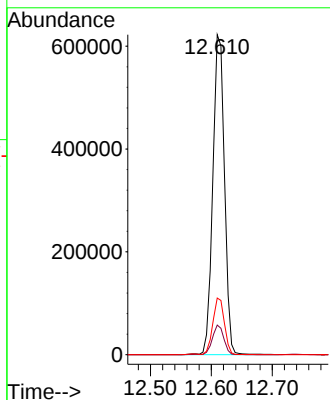
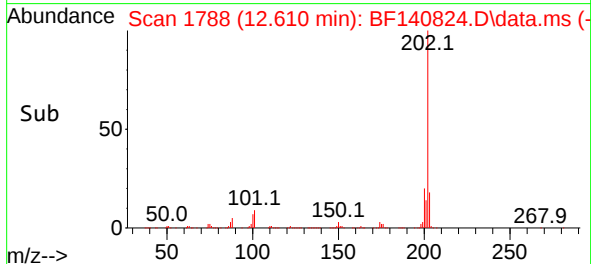
Instrument :
BNA_F
ClientSampleId :
PB165525BS



Tgt Ion:202 Resp: 82718
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.7 0.0 37.6

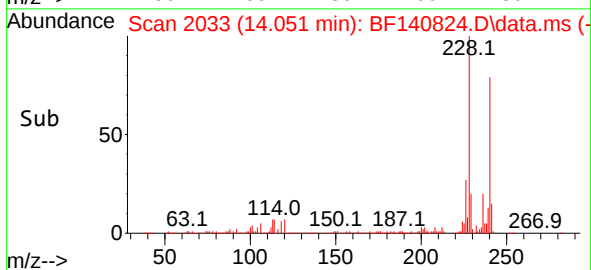
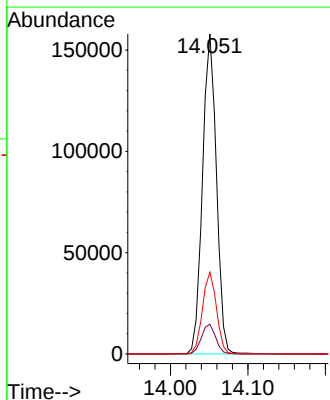
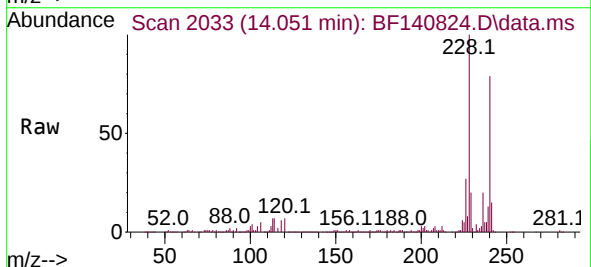
Manual Integrations
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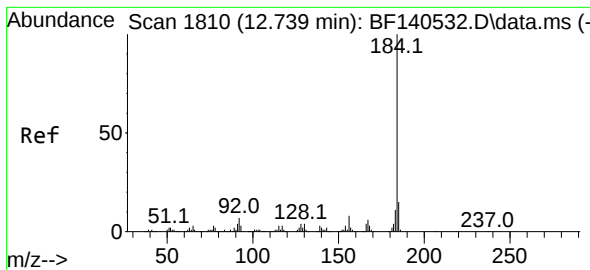
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:240 Resp: 197037
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.6 20.6 31.0





#77

Benzidine

Concen: 37.115 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:184 Resp: 21262

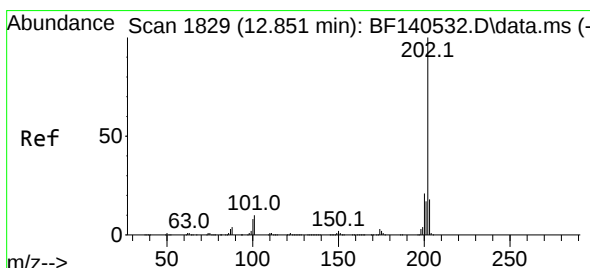
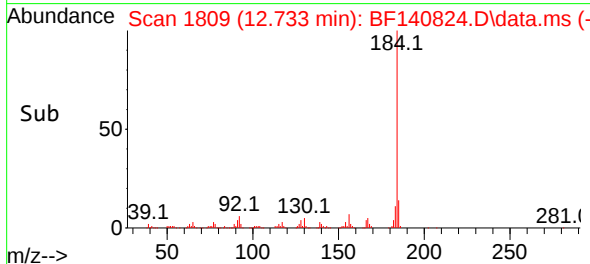
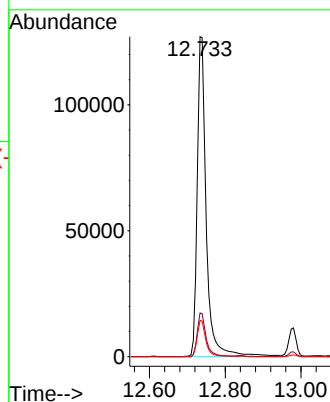
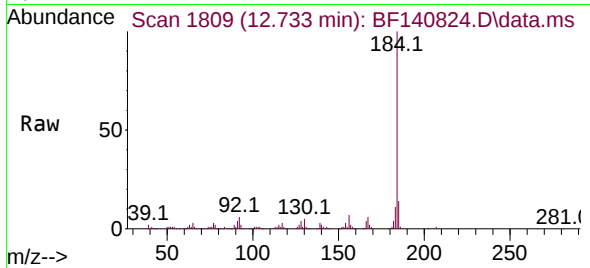
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.7	17.5
183	11.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#78

Pyrene

Concen: 47.057 ng

RT: 12.845 min Scan# 1828

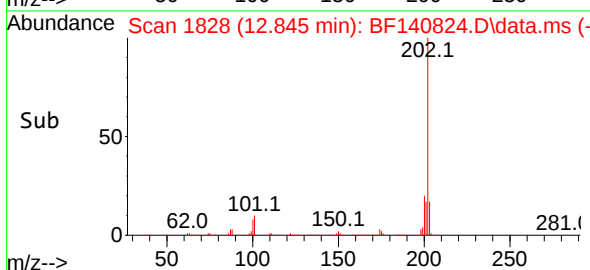
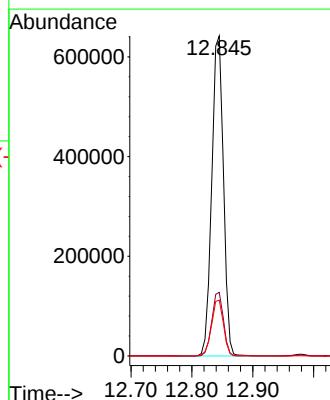
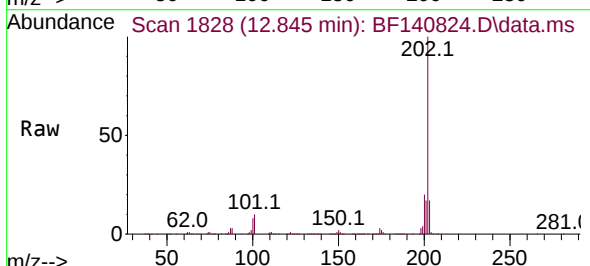
Delta R.T. -0.006 min

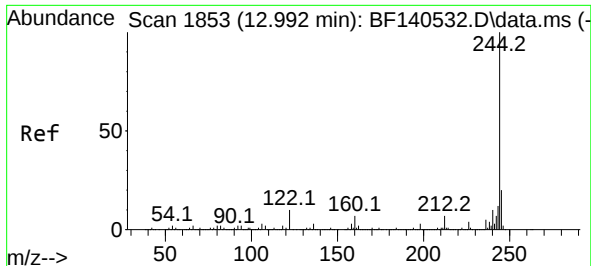
Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Tgt Ion:202 Resp: 857317

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.5	14.2	21.4





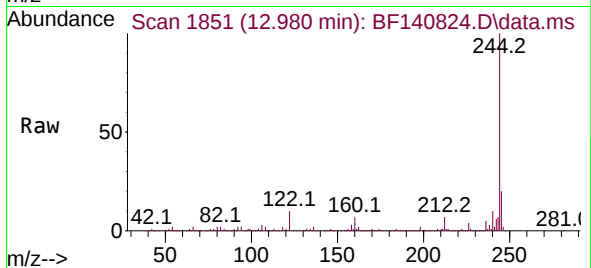
#79
 Terphenyl-d14
 Concen: 91.670 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140824.D
 Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

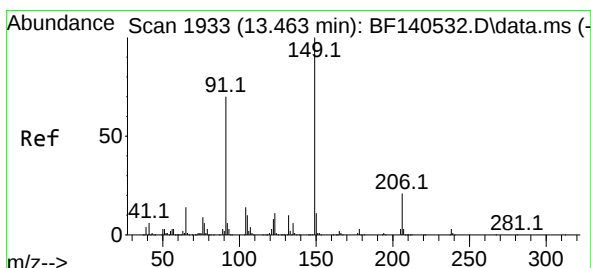
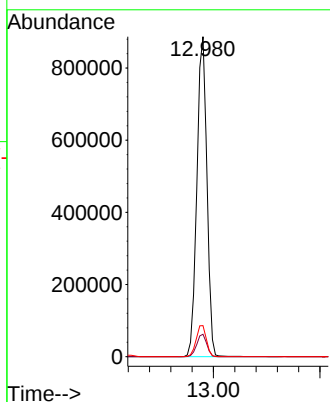
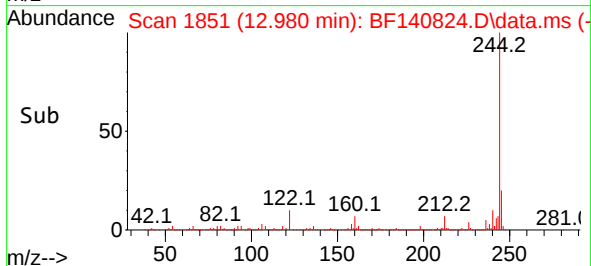


Tgt Ion:244 Resp: 1159974
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.7 8.0 12.0

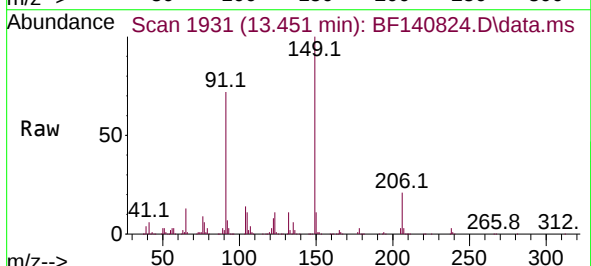
Manual Integrations

APPROVED

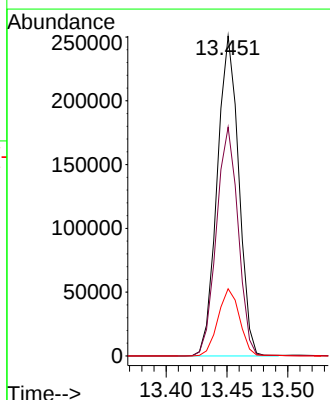
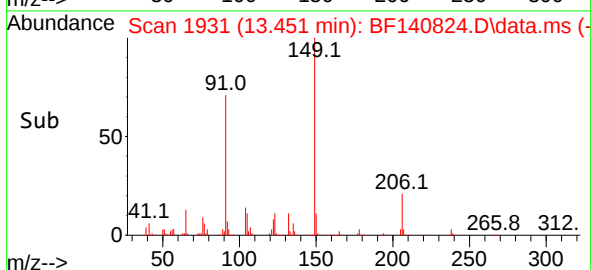
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

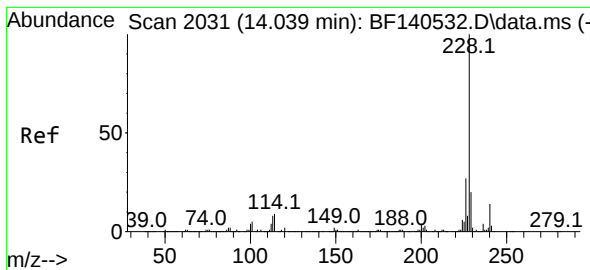


#80
 Butylbenzylphthalate
 Concen: 47.087 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140824.D
 Acq: 11 Dec 2024 12:57



Tgt Ion:149 Resp: 309037
 Ion Ratio Lower Upper
 149 100
 91 71.5 56.2 84.2
 206 21.0 16.4 24.6





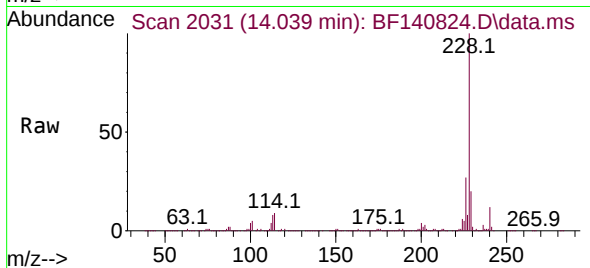
#81
Benzo(a)anthracene
Concen: 50.821 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS



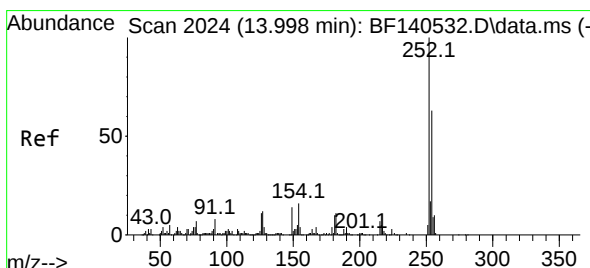
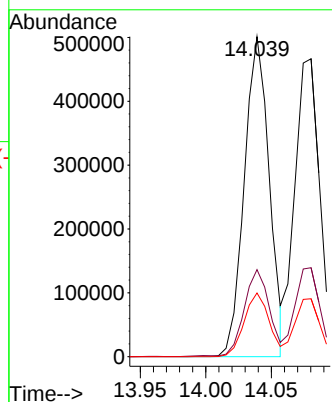
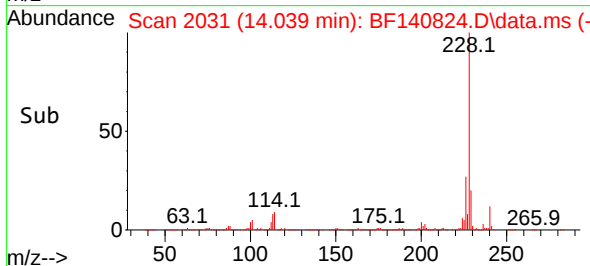
Tgt Ion:228 Resp: 66286
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations

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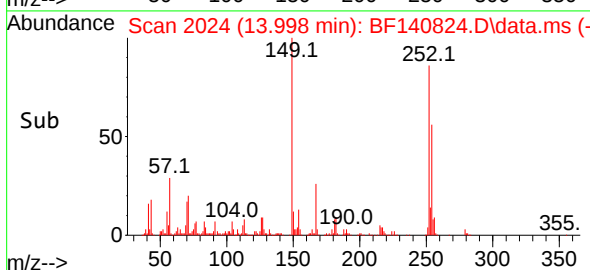
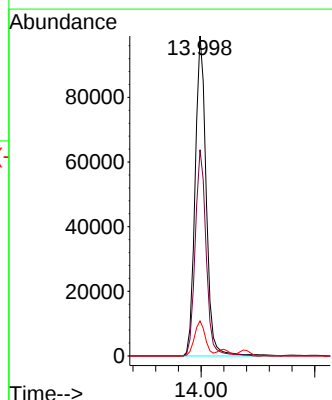
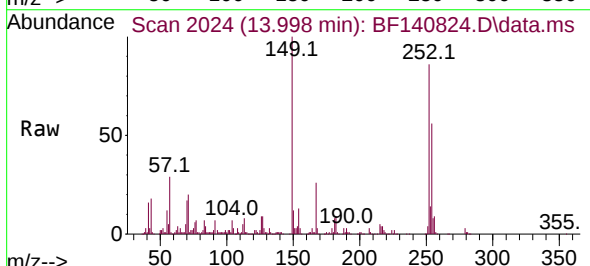
Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.405 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:252 Resp: 134731
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 11.0 8.6 13.0





#83

Chrysene

Concen: 51.642 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:228 Resp: 61590

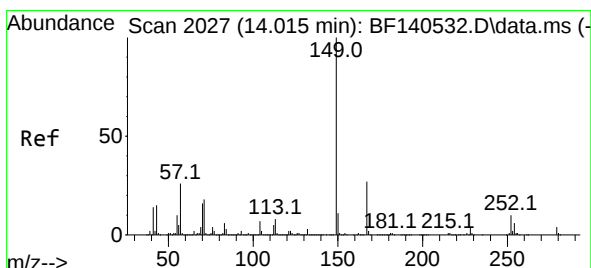
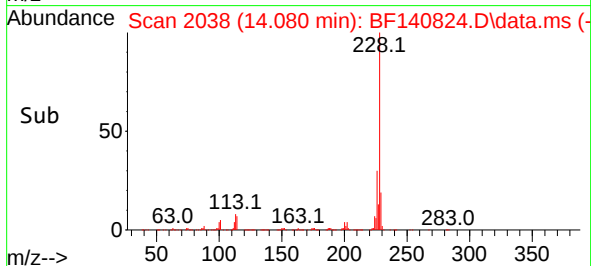
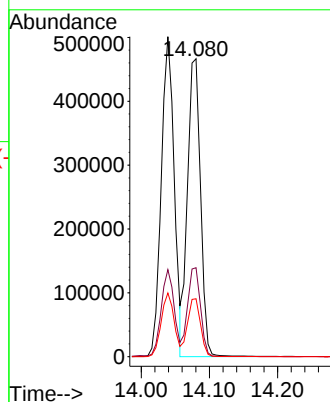
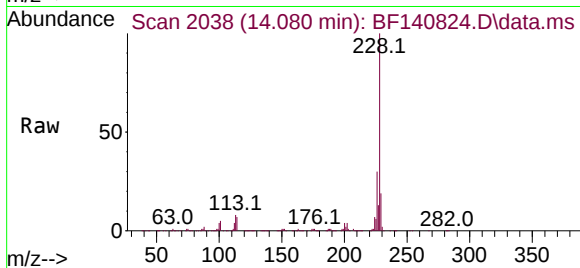
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.039 ng

RT: 14.010 min Scan# 2026

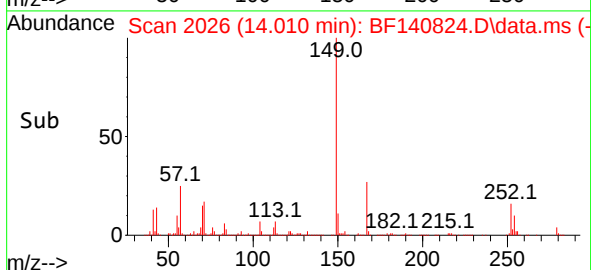
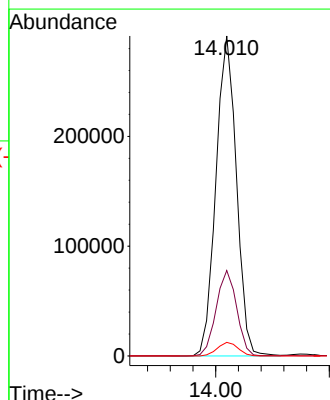
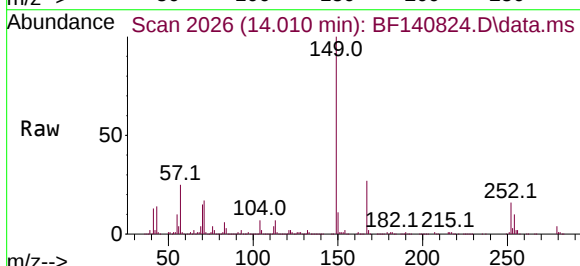
Delta R.T. -0.006 min

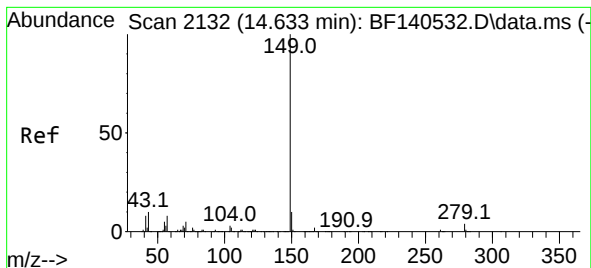
Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Tgt Ion:149 Resp: 364957

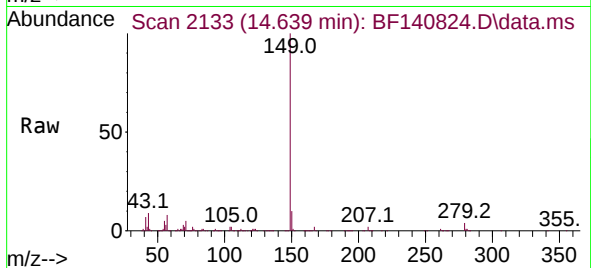
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.2	31.8
279	4.3	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 43.068 ng
RT: 14.639 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

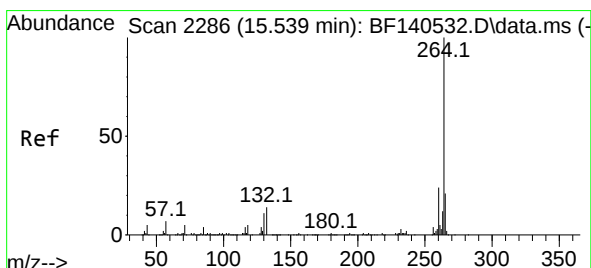
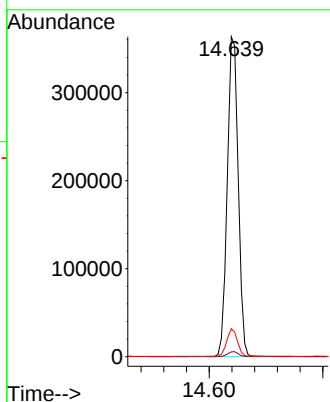
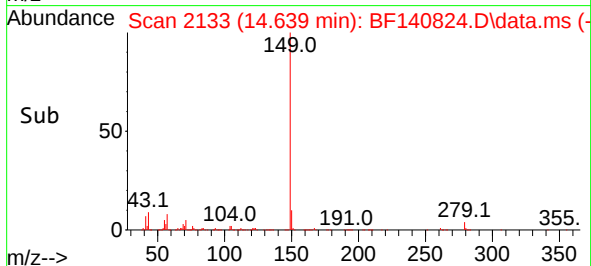
Instrument :
BNA_F
ClientSampleId :
PB165525BS



Tgt Ion:149 Resp: 487770
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.7 11.5

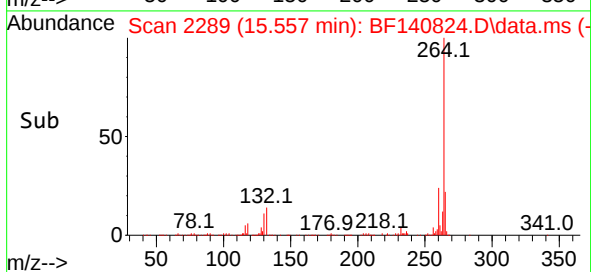
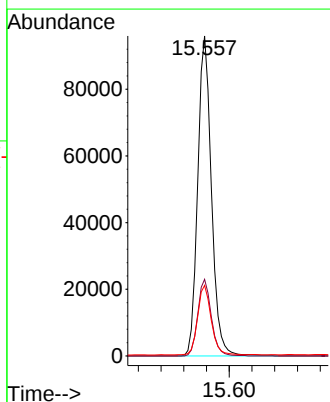
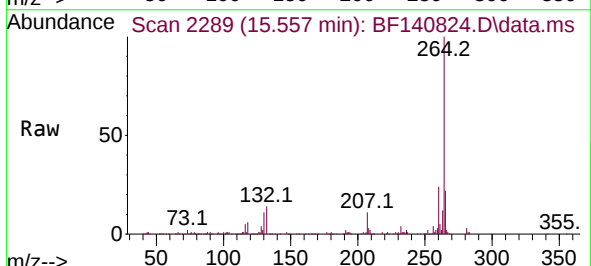
Manual Integrations
APPROVED

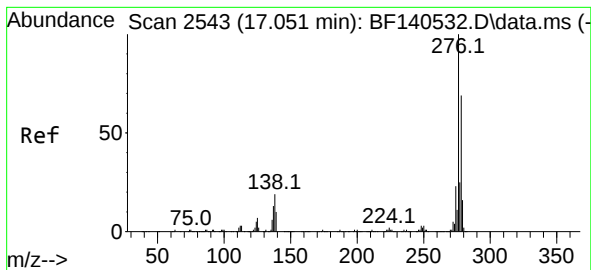
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140824.D
Acq: 11 Dec 2024 12:57

Tgt Ion:264 Resp: 160886
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.276 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:276 Resp: 55858

Ion Ratio Lower Upper

276 100

138 20.7 15.5 23.3

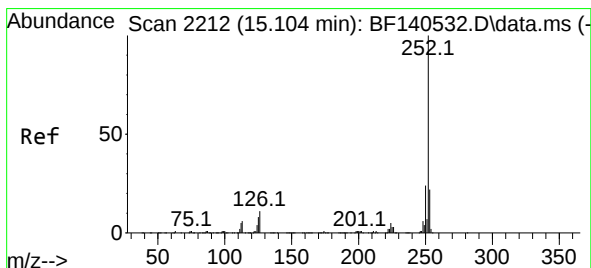
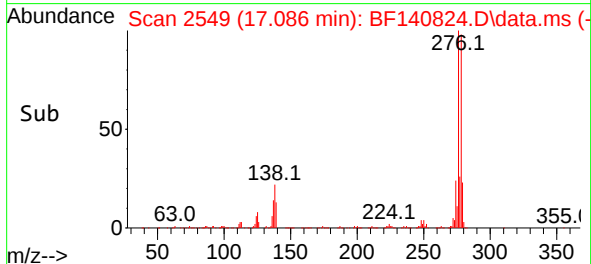
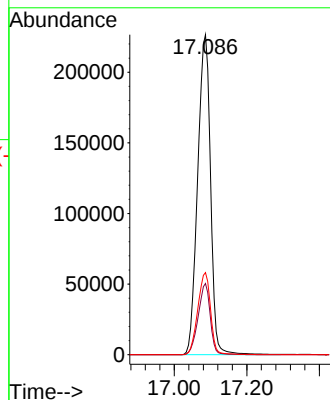
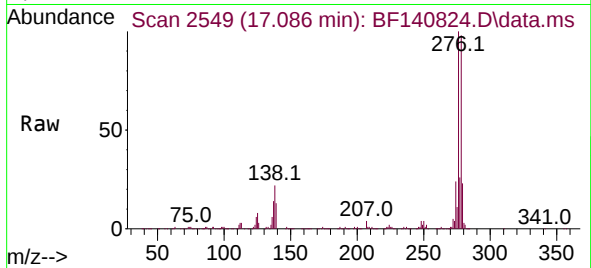
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 52.228 ng

RT: 15.115 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

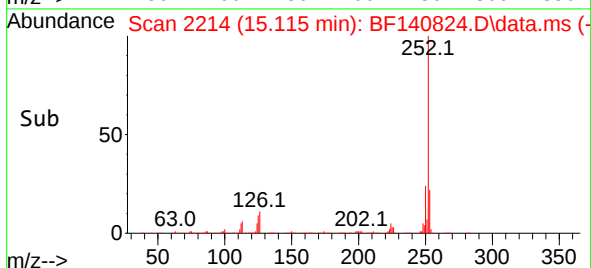
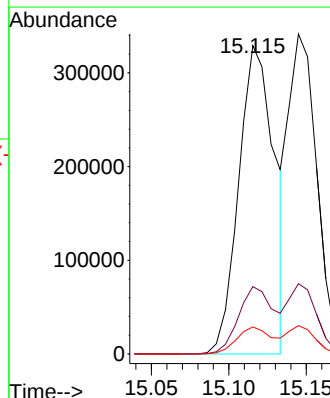
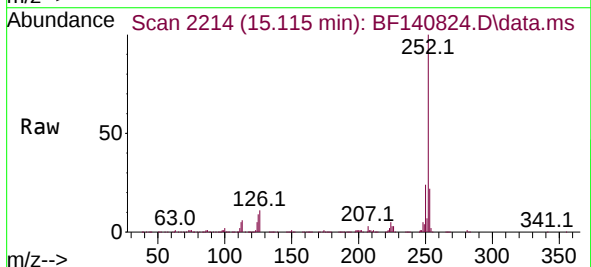
Tgt Ion:252 Resp: 527785

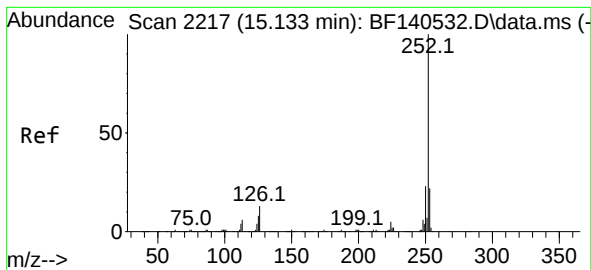
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.8 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.797 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:252 Resp: 44036

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

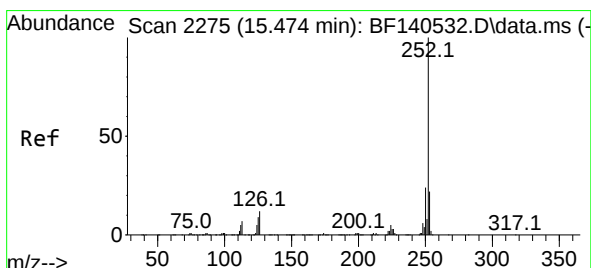
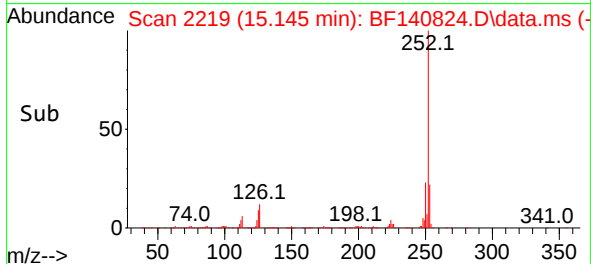
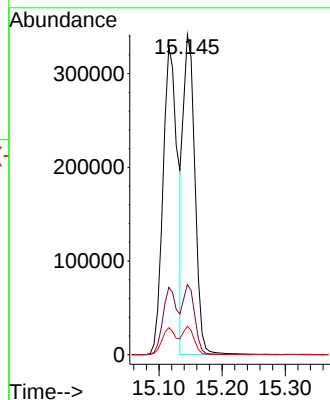
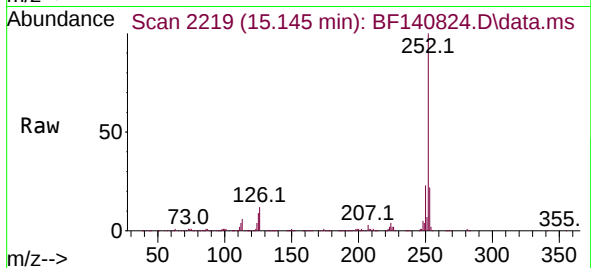
125 8.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 54.450 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

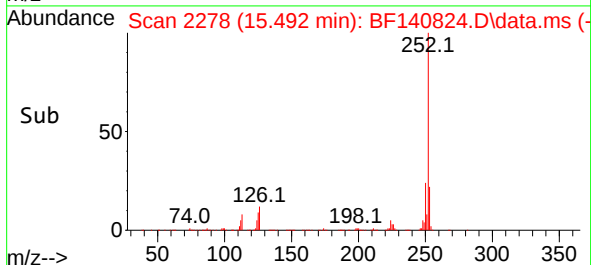
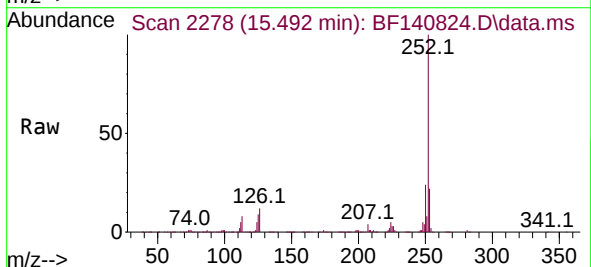
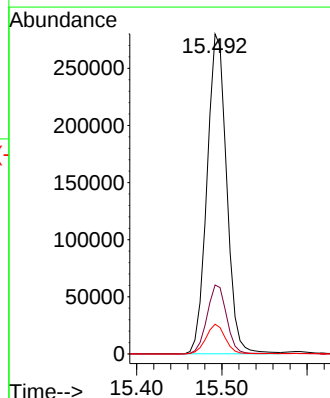
Tgt Ion:252 Resp: 447394

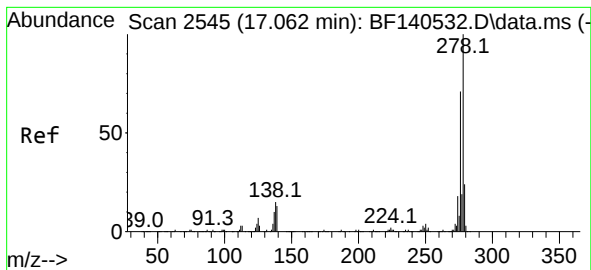
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 53.619 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB165525BS

Tgt Ion:278 Resp: 460408

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

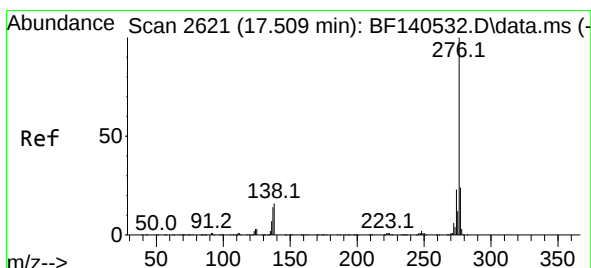
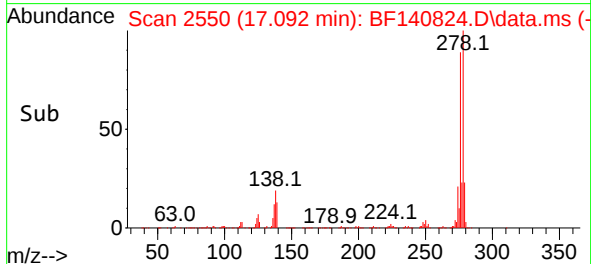
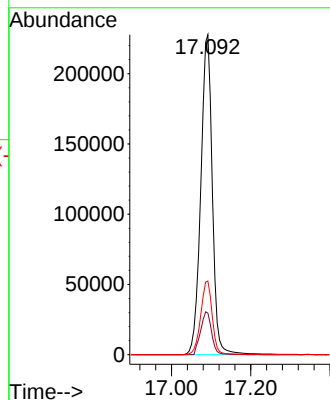
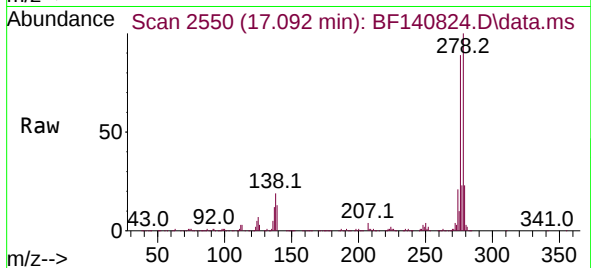
279 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#92

Benzo(g,h,i)perylene

Concen: 48.919 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.029 min

Lab File: BF140824.D

Acq: 11 Dec 2024 12:57

Tgt Ion:276 Resp: 428637

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 17.4 13.2 19.8

