

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140449.D
 Acq On : 18 Nov 2024 12:50
 Operator : RC/JU
 Sample : PB164940BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164940BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 13:22:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140752	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	537412	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	299132	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	551457	20.000	ng	0.00
76) Chrysene-d12	14.057	240	299750	20.000	ng	0.00
86) Perylene-d12	15.562	264	260212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	990344	120.133	ng	0.02
7) Phenol-d6	6.516	99	1299695	116.367	ng	0.01
23) Nitrobenzene-d5	7.439	82	860454	83.422	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	378900	127.377	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1583258	85.085	ng	0.00
79) Terphenyl-d14	12.986	244	1702760	98.603	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	136863	37.250	ng	98
3) Pyridine	3.493	79	349467	38.689	ng	99
4) n-Nitrosodimethylamine	3.446	42	187353	41.039	ng	100
6) Aniline	6.539	93	362848	37.346	ng	# 52
8) 2-Chlorophenol	6.663	128	400974	45.281	ng	98
9) Benzaldehyde	6.428	77	276526	41.310	ng	100
10) Phenol	6.534	94	496736	42.173	ng	77
11) bis(2-Chloroethyl)ether	6.610	93	386155	43.269	ng	99
12) 1,3-Dichlorobenzene	6.816	146	412989	42.269	ng	100
13) 1,4-Dichlorobenzene	6.892	146	412142	41.601	ng	99
14) 1,2-Dichlorobenzene	7.045	146	399233	43.408	ng	99
15) Benzyl Alcohol	7.022	79	357732	44.456	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	522444	42.381	ng	68
17) 2-Methylphenol	7.134	107	317788	43.624	ng	# 93
18) Hexachloroethane	7.386	117	155367	42.421	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	286722	42.505	ng	99
20) 3+4-Methylphenols	7.286	107	399598	43.863	ng	96
22) Acetophenone	7.281	105	531297	42.507	ng	99
24) Nitrobenzene	7.457	77	442798	41.232	ng	99
25) Isophorone	7.692	82	795927	43.540	ng	100
26) 2-Nitrophenol	7.775	139	211119	44.301	ng	98
27) 2,4-Dimethylphenol	7.810	122	324782	53.233	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	483647	43.148	ng	99
29) 2,4-Dichlorophenol	8.016	162	336895	44.680	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	351176	41.833	ng	99
31) Naphthalene	8.175	128	1162230	42.632	ng	99
32) Benzoic acid	7.939	122	221567	41.271	ng	96
33) 4-Chloroaniline	8.228	127	184177	19.426	ng	99
34) Hexachlorobutadiene	8.292	225	225562	42.171	ng	99
35) Caprolactam	8.592	113	106948m	42.675	ng	
36) 4-Chloro-3-methylphenol	8.716	107	368572	44.108	ng	99
37) 2-Methylnaphthalene	8.869	142	764580	43.738	ng	100
38) 1-Methylnaphthalene	8.969	142	710109	41.483	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	355029	42.919	ng	99
41) Hexachlorocyclopentadiene	9.016	237	362772	170.808	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	238713	43.973	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	254207	42.830	ng	98
46) 1,1'-Biphenyl	9.333	154	947471	43.538	ng	100
47) 2-Chloronaphthalene	9.357	162	703374	42.430	ng	99
48) 2-Nitroaniline	9.457	65	235769	42.885	ng	99
49) Acenaphthylene	9.775	152	1174308	46.820	ng	100
50) Dimethylphthalate	9.633	163	871777	44.712	ng	100
51) 2,6-Dinitrotoluene	9.698	165	186257	41.903	ng	98
52) Acenaphthene	9.945	154	828005m	48.877	ng	
53) 3-Nitroaniline	9.869	138	120934	25.907	ng	99
54) 2,4-Dinitrophenol	9.980	184	204580	89.250	ng	98
55) Dibenzofuran	10.122	168	1063312	44.339	ng	100
56) 4-Nitrophenol	10.045	139	270938	79.571	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258368	44.165	ng	99
58) Fluorene	10.463	166	815858	43.065	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	208761	44.546	ng	98
60) Diethylphthalate	10.333	149	874959	43.886	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	408496	43.676	ng	100
62) 4-Nitroaniline	10.486	138	194597	40.770	ng	99
63) Azobenzene	10.616	77	858363	43.573	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	144140	48.582	ng	95
66) n-Nitrosodiphenylamine	10.574	169	728155	45.700	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	248898	45.152	ng	98
68) Hexachlorobenzene	11.010	284	277399	44.725	ng	100
69) Atrazine	11.098	200	241644	50.127	ng	99
70) Pentachlorophenol	11.210	266	278698	83.419	ng	99
71) Phenanthrene	11.427	178	1173497	45.300	ng	100
72) Anthracene	11.480	178	1191380	46.926	ng	100
73) Carbazole	11.633	167	1080506	43.102	ng	100
74) Di-n-butylphthalate	11.957	149	1344754	44.694	ng	100
75) Fluoranthene	12.616	202	1235731	42.519	ng	100
77) Benzidine	12.739	184	316507	27.511	ng	98
78) Pyrene	12.845	202	1257665	49.051	ng	100
80) Butylbenzylphthalate	13.463	149	490842	49.834	ng	96
81) Benzo(a)anthracene	14.045	228	887051	45.027	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	174512	27.870	ng	100
83) Chrysene	14.080	228	813865	45.278	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	634392	48.254	ng	99
85) Di-n-octyl phthalate	14.662	149	822603	44.427	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	835795	51.997	ng	100
88) Benzo(b)fluoranthene	15.127	252	696487	40.917	ng	99
89) Benzo(k)fluoranthene	15.157	252	630794	45.363	ng	100
90) Benzo(a)pyrene	15.498	252	642643	48.617	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	679502	51.142	ng	100
92) Benzo(g,h,i)perylene	17.533	276	629771	46.363	ng	99

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

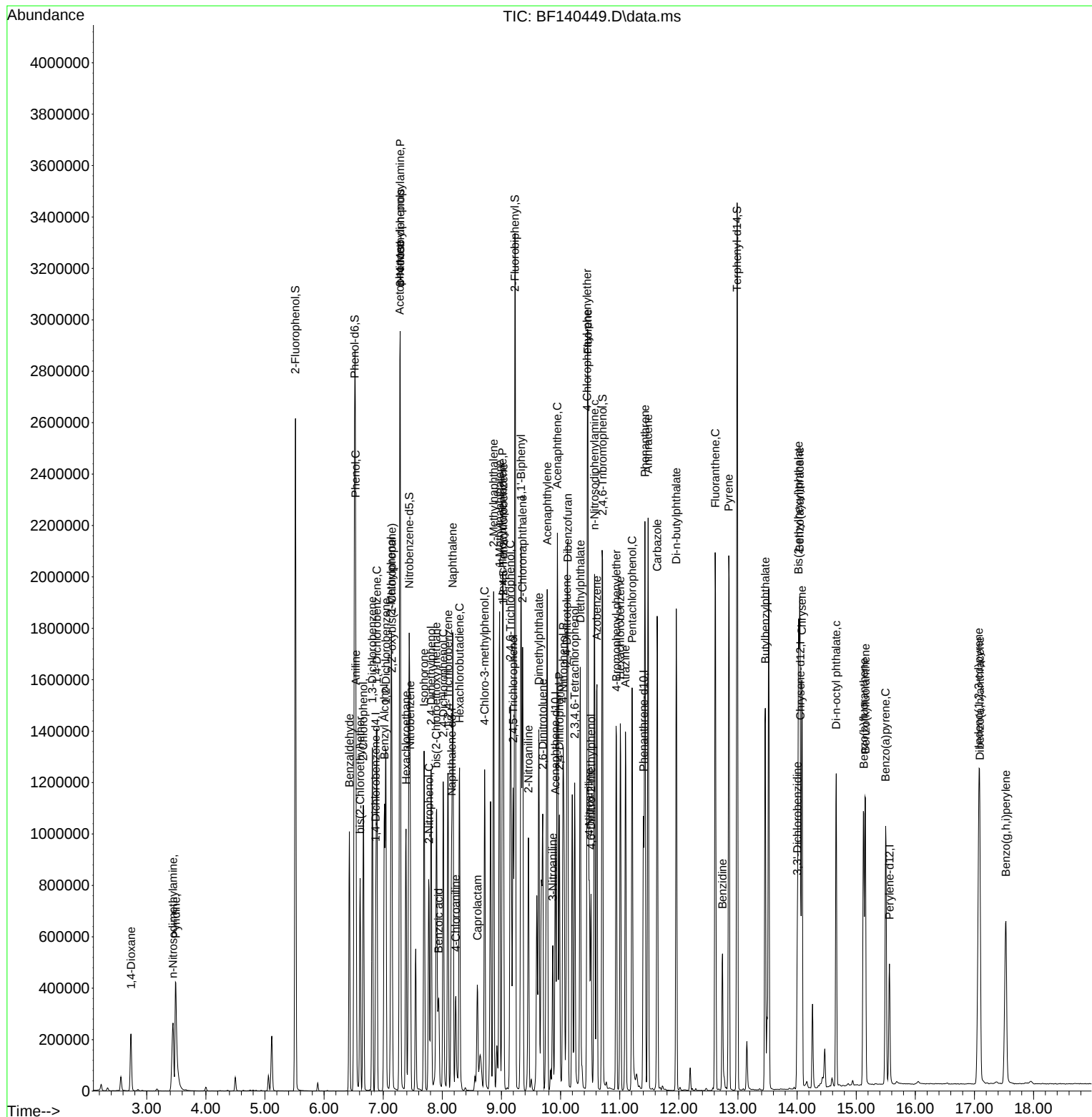
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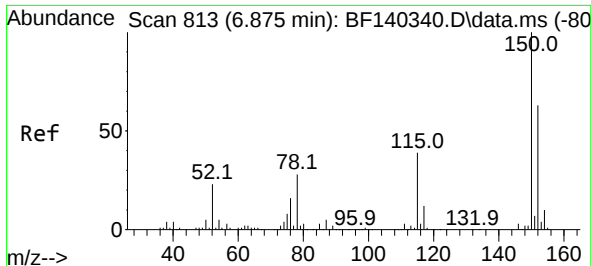
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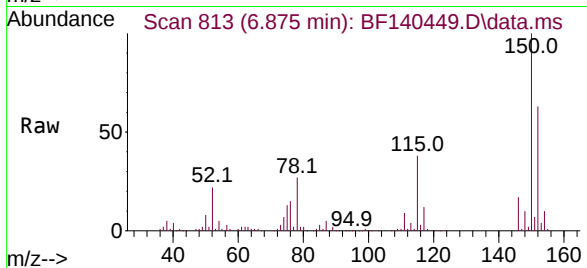
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



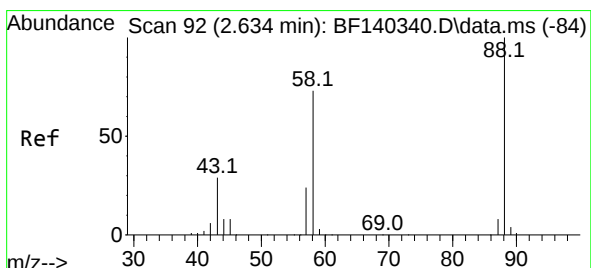
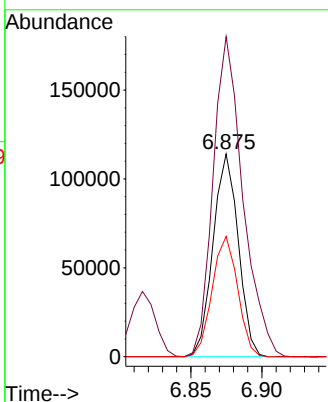
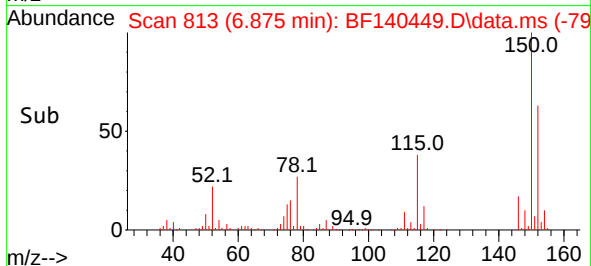
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Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 59.3 47.4 71.2

Manual Integrations

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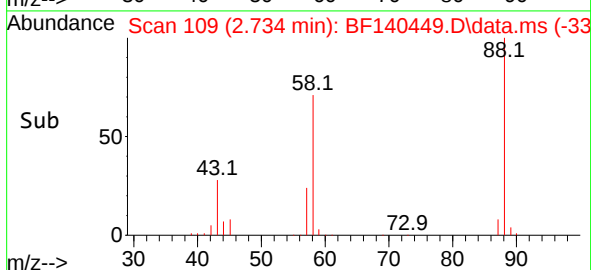
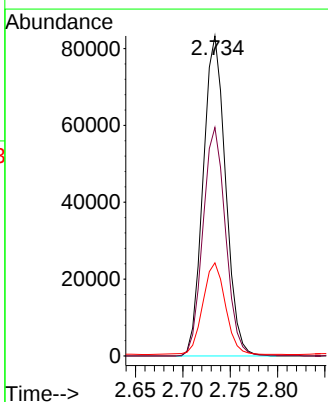
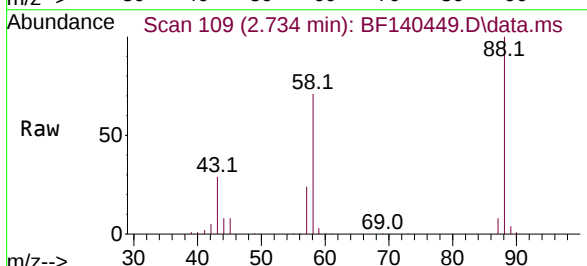
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Supervised By :mohammad ahmed 11/19/2024



#2
1,4-Dioxane
Concen: 37.250 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion: 88 Resp: 136863
Ion Ratio Lower Upper
88 100
58 72.2 59.5 89.3
43 29.1 23.4 35.2





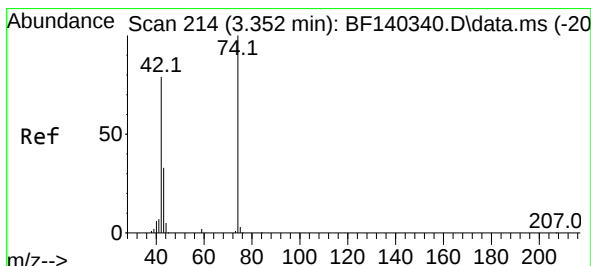
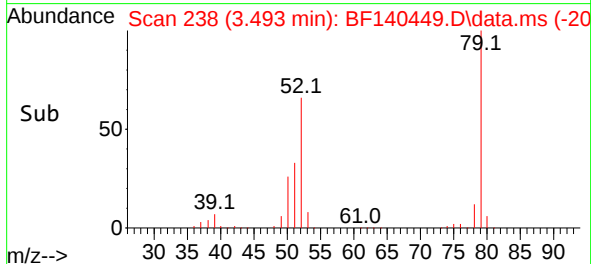
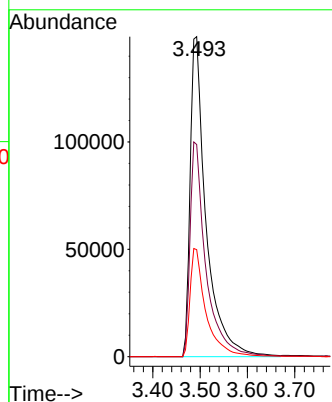
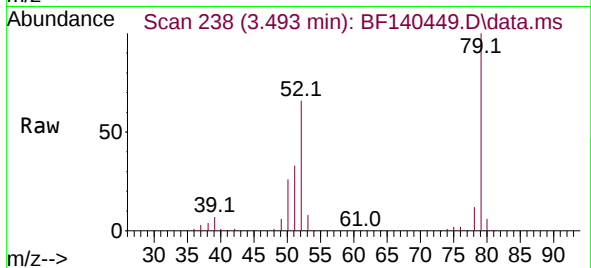
#3
Pyridine
Concen: 38.689 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :
BNA_F
ClientSampleId :
PB164940BS

Tgt Ion: 79 Resp: 34946
Ion Ratio Lower Upper
79 100
52 66.3 53.8 80.6
51 33.4 27.3 40.9

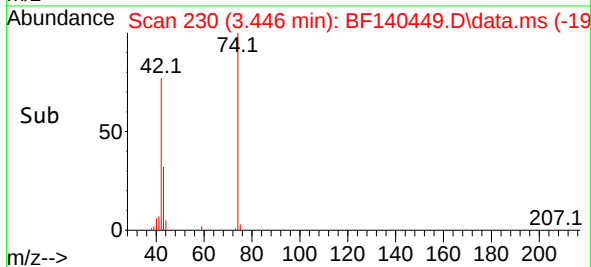
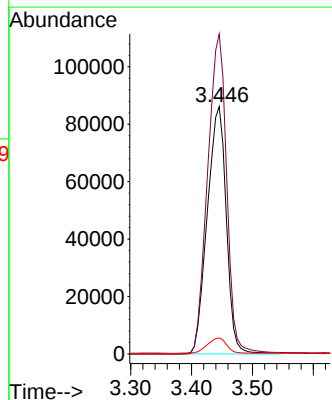
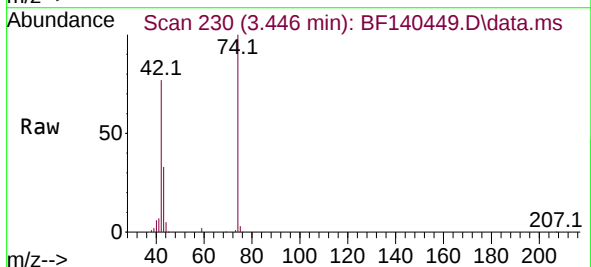
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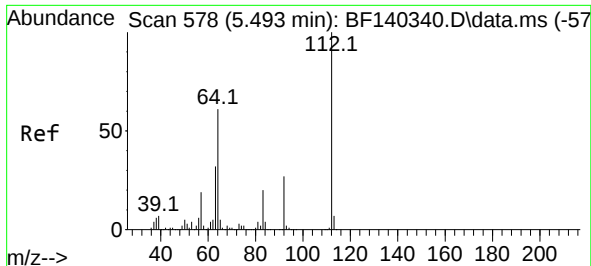
Reviewed By :Yogesh Patel 11/19/2024
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#4
n-Nitrosodimethylamine
Concen: 41.039 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.088 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion: 42 Resp: 187353
Ion Ratio Lower Upper
42 100
74 129.4 103.5 155.3
44 6.5 5.1 7.7





#5
2-Fluorophenol
Concen: 120.133 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

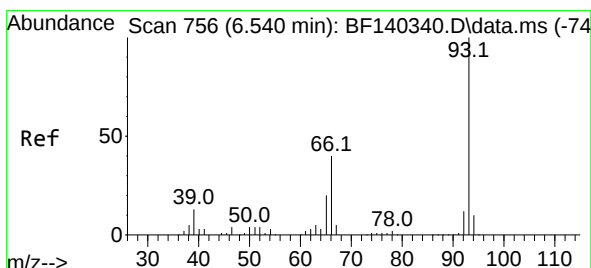
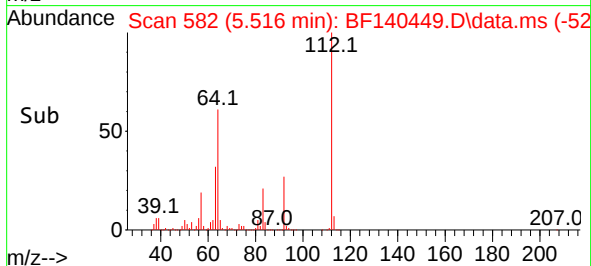
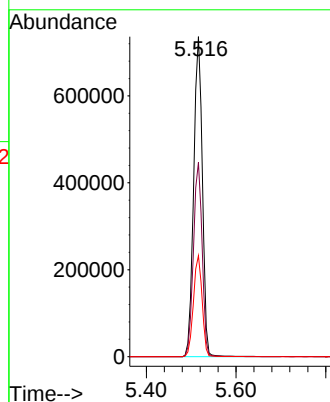
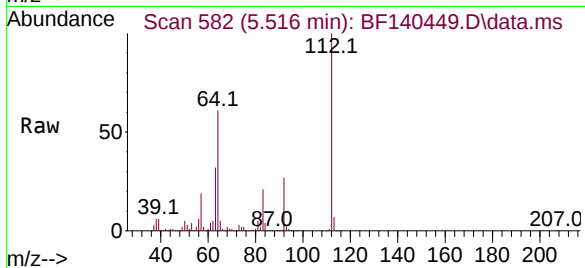
PB164940BS

Tgt Ion:112 Resp: 990344
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.6 25.6 38.4

Manual Integrations

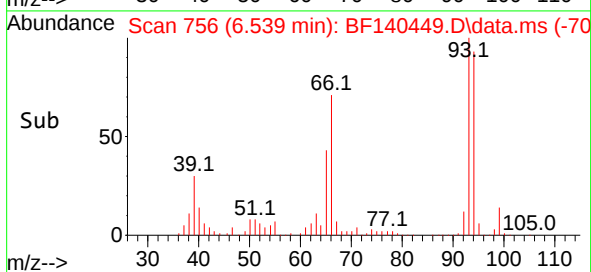
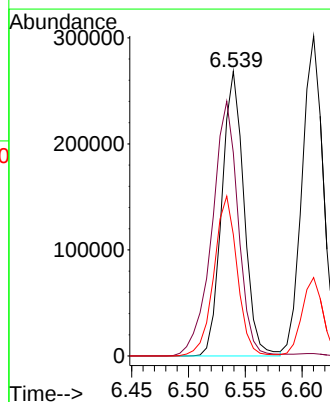
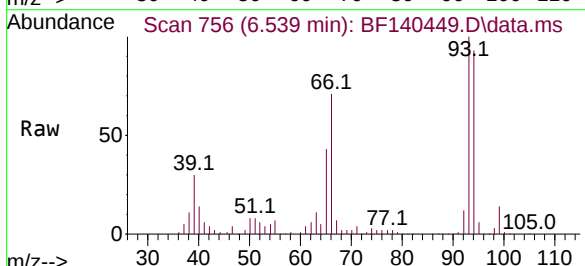
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#6
Aniline
Concen: 37.346 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140449.D
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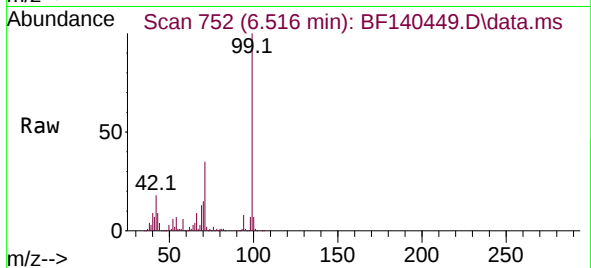
Tgt Ion: 93 Resp: 362848
Ion Ratio Lower Upper
93 100
66 71.4 32.8 49.2#
65 42.7 16.6 25.0#





#7
Phenol-d6
Concen: 116.367 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

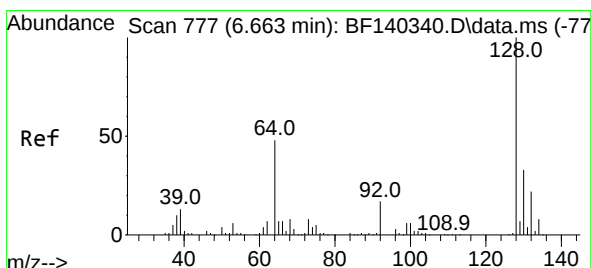
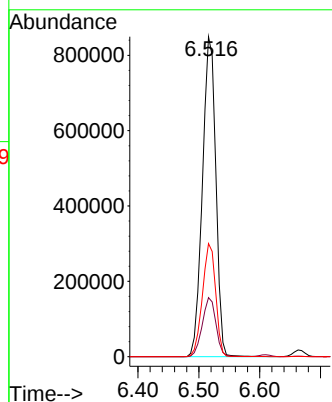
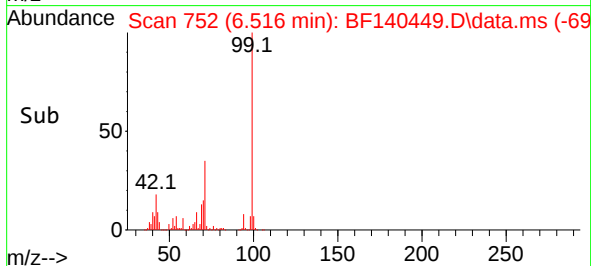
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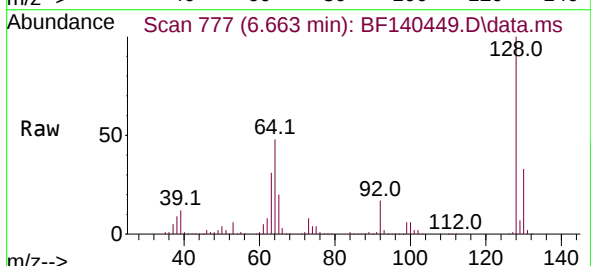
Tgt Ion: 99 Resp: 129969
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.4 27.9 41.9

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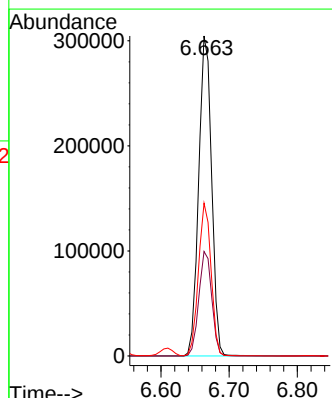
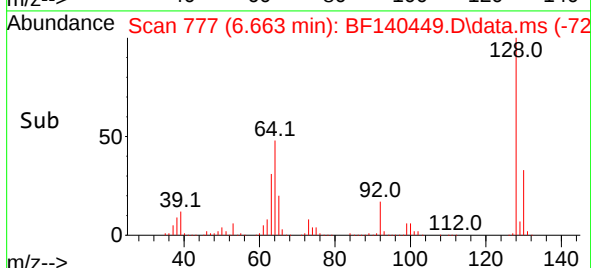
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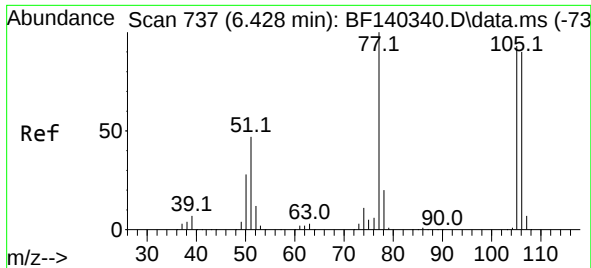


#8
2-Chlorophenol
Concen: 45.281 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



Tgt Ion:128 Resp: 400974
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 47.7 30.2 70.2





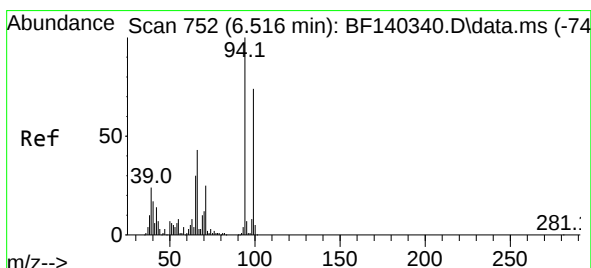
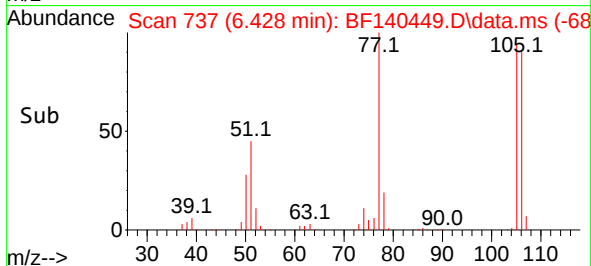
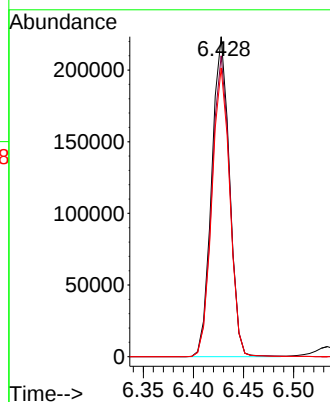
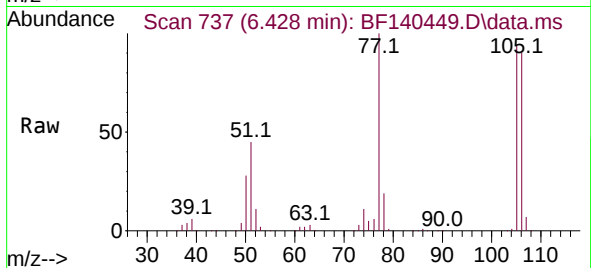
#9
Benzaldehyde
Concen: 41.310 ng
RT: 6.428 min Scan# 710
Delta R.T. -0.000 min
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Tgt Ion: 77 Resp: 276520
Ion Ratio Lower Upper
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105 94.0 74.4 114.4
106 90.3 69.9 109.9

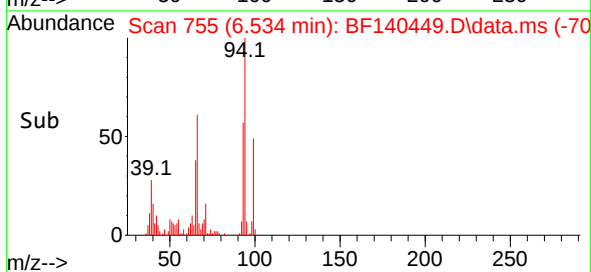
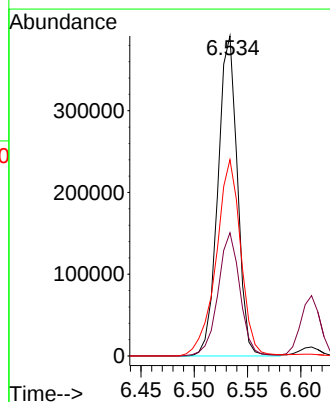
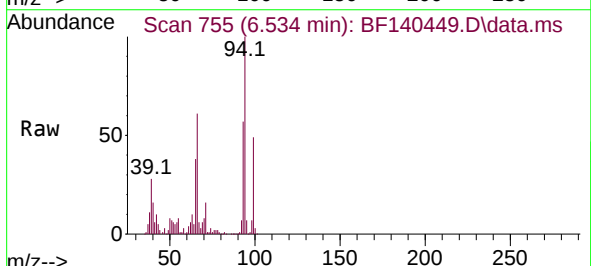
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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#10
Phenol
Concen: 42.173 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion: 94 Resp: 496736
Ion Ratio Lower Upper
94 100
65 38.5 10.4 50.4
66 61.4 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 43.269 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

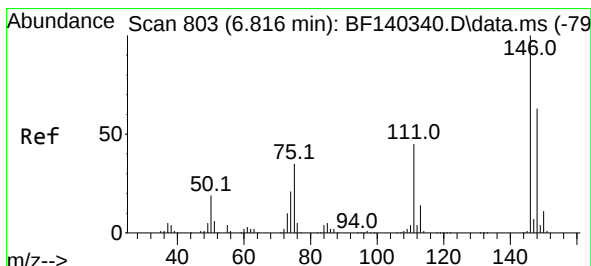
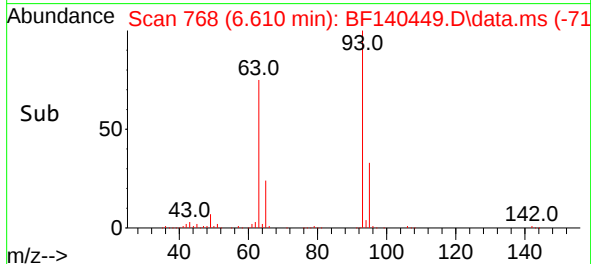
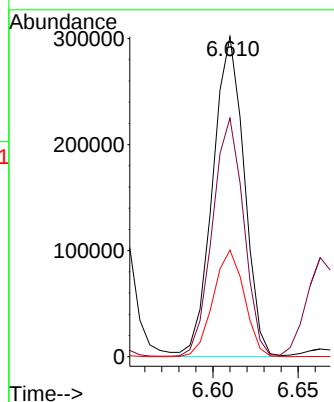
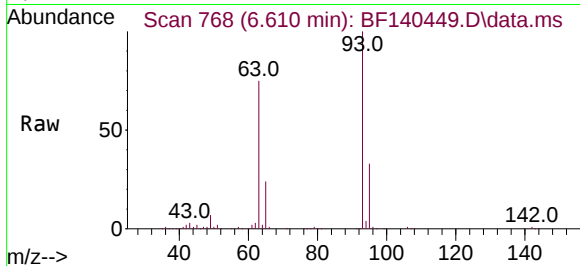
ClientSampleId :

PB164940BS

Tgt Ion: 93 Resp: 38615
Ion Ratio Lower Upper
93 100
63 74.5 54.0 94.0
95 33.3 12.9 52.9

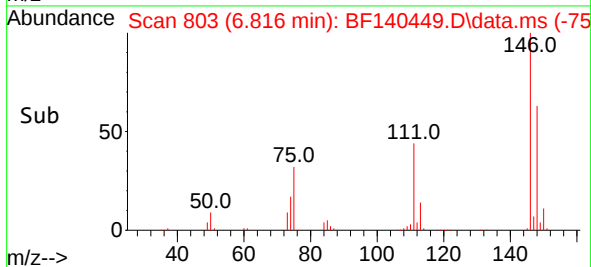
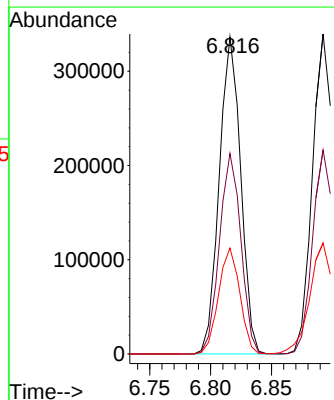
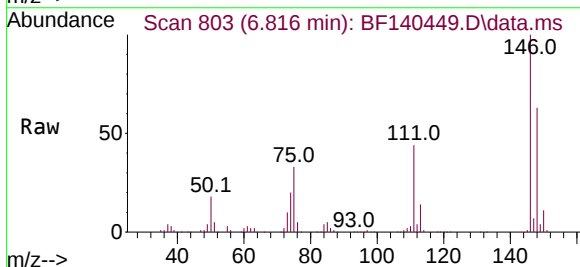
Manual Integrations
APPROVED

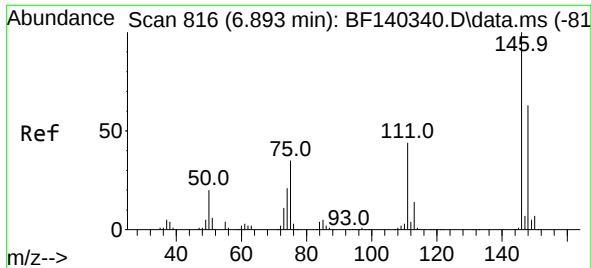
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 42.269 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:146 Resp: 412989
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
75 33.4 26.4 39.6





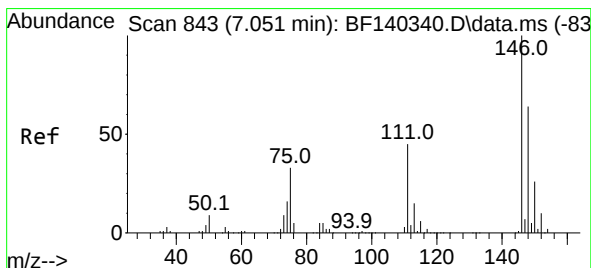
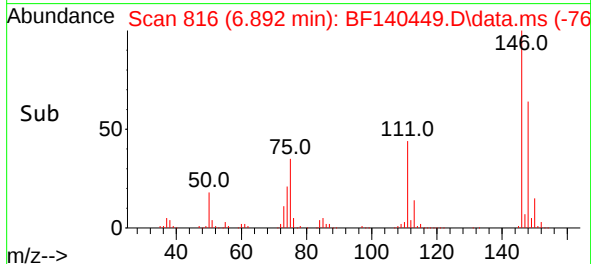
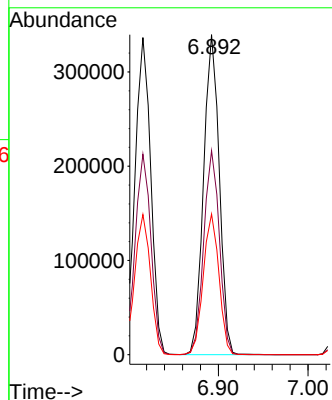
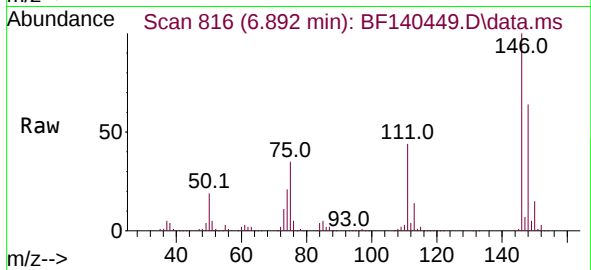
#13
1,4-Dichlorobenzene
Concen: 41.601 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :
BNA_F
ClientSampleId :
PB164940BS

Tgt Ion:146 Resp: 41214
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 44.0 34.2 51.2

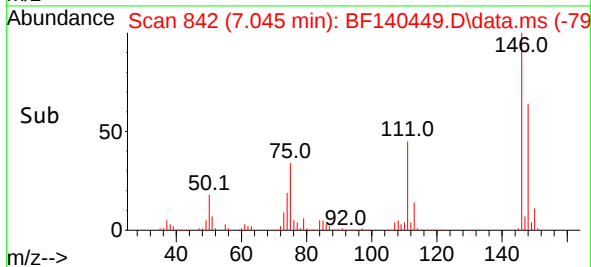
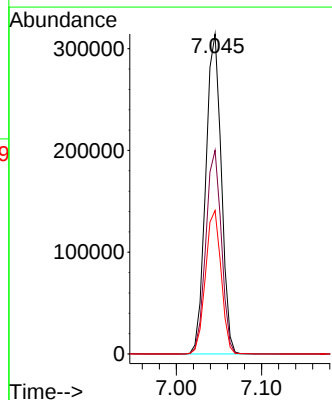
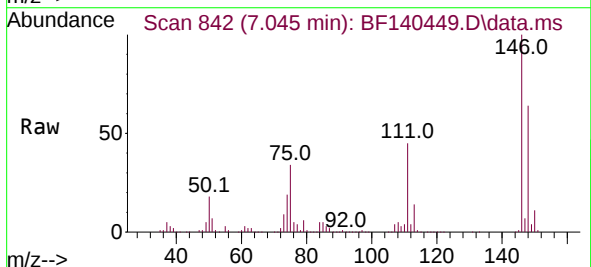
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 43.408 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

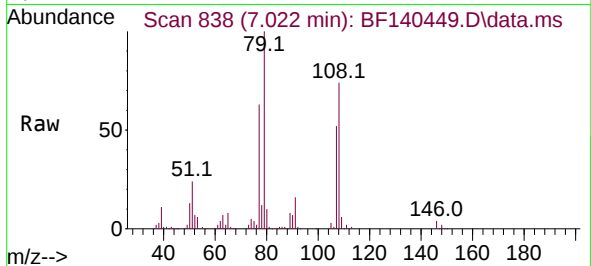
Tgt Ion:146 Resp: 399233
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 44.9 36.5 54.7





#15
Benzyl Alcohol
Concen: 44.456 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

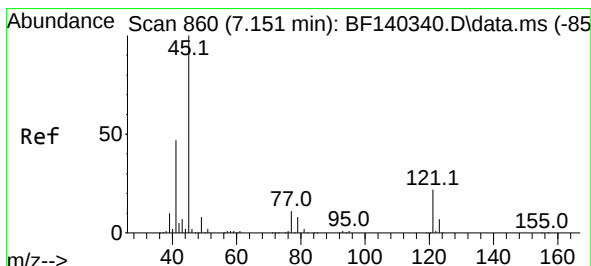
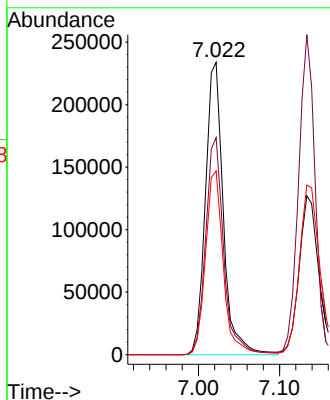
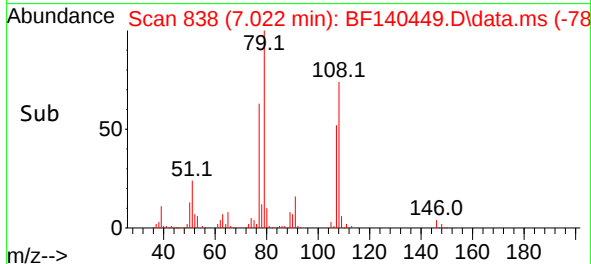
Instrument :
BNA_F
ClientSampleId :
PB164940BS



Tgt Ion: 79 Resp: 35773
Ion Ratio Lower Upper
79 100
108 74.3 57.8 86.6
77 62.9 49.8 74.6

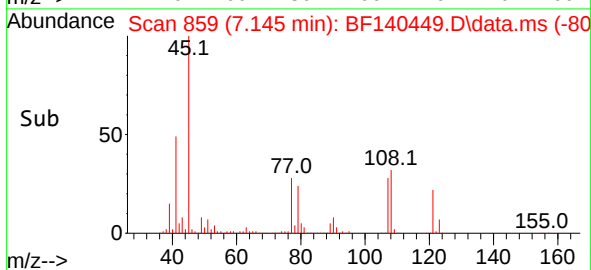
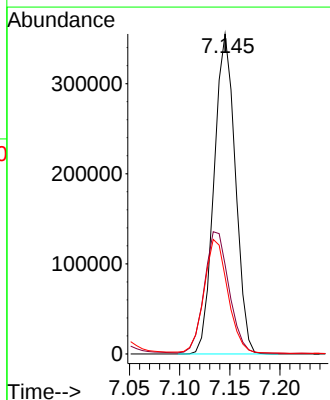
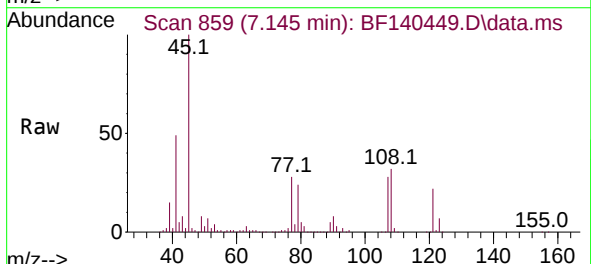
Manual Integrations
APPROVED

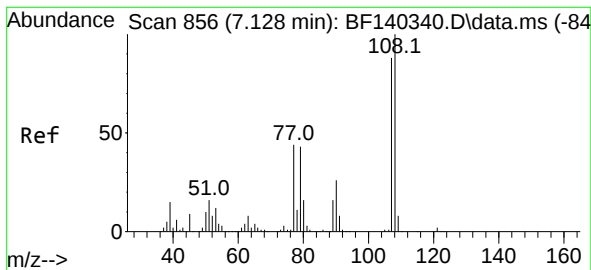
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.381 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

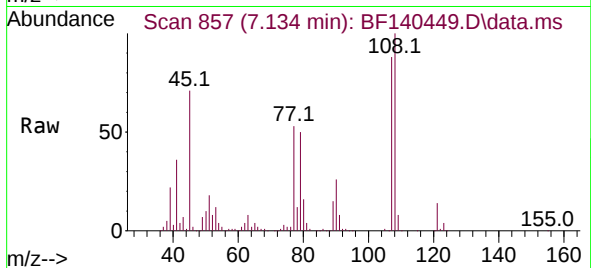
Tgt Ion: 45 Resp: 522444
Ion Ratio Lower Upper
45 100
77 27.9 0.0 34.8
79 24.1 0.0 31.4





#17
2-Methylphenol
Concen: 43.624 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

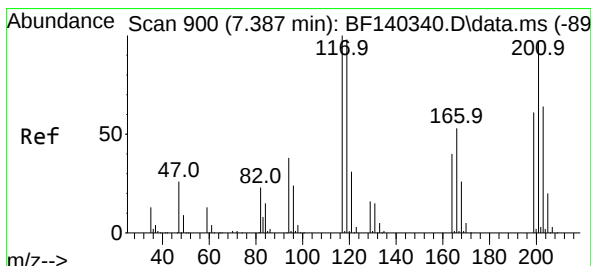
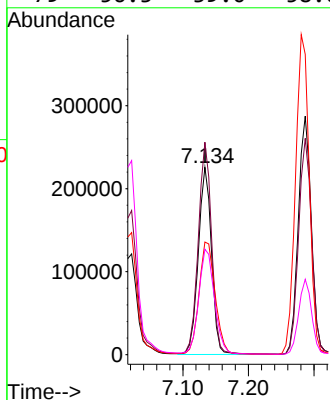
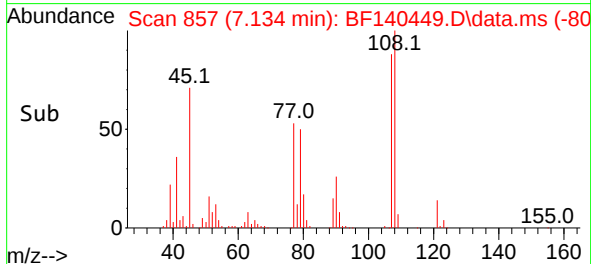
Instrument :
BNA_F
ClientSampleId :
PB164940BS



Tgt Ion:107 Resp: 31778
Ion Ratio Lower Upper
107 100
108 113.4 91.9 137.9
77 60.1 39.7 59.5
79 56.3 39.0 58.6

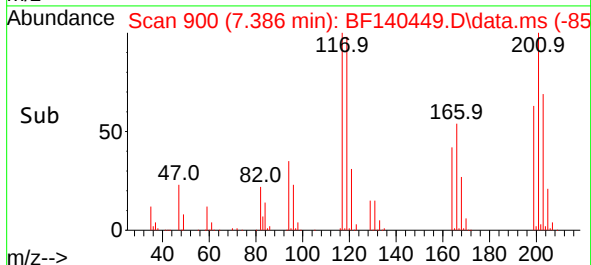
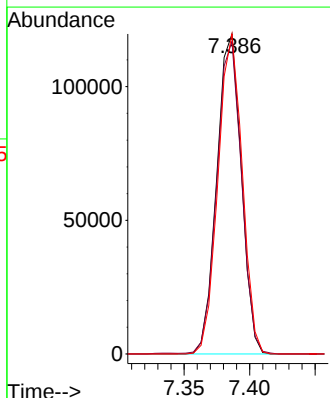
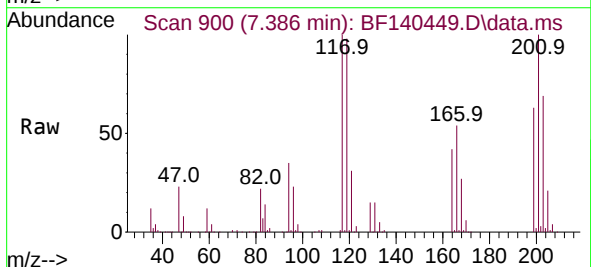
Manual Integrations
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Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 42.421 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:117 Resp: 155367
Ion Ratio Lower Upper
117 100
119 97.6 76.9 115.3
201 100.0 80.2 120.4





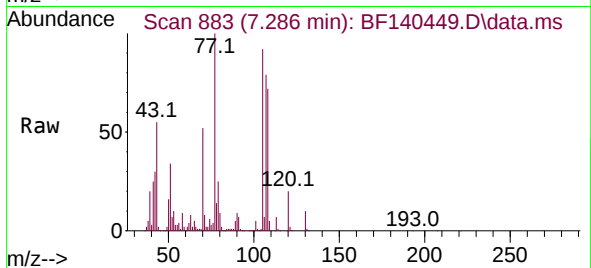
#19
n-Nitroso-di-n-propylamine
Concen: 42.505 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



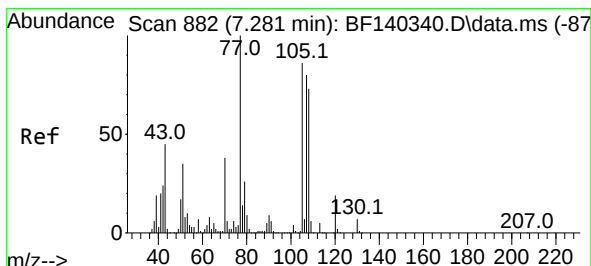
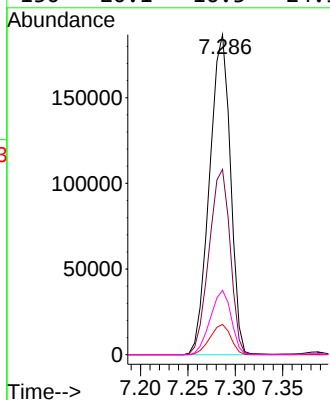
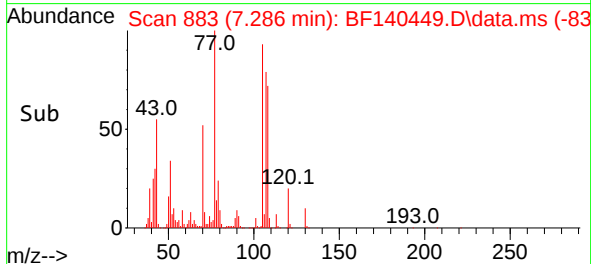
Tgt Ion: 70 Resp: 28672
Ion Ratio Lower Upper
70 100
42 57.9 46.8 70.2
101 9.5 7.5 11.3
130 20.1 16.3 24.5

Manual Integrations

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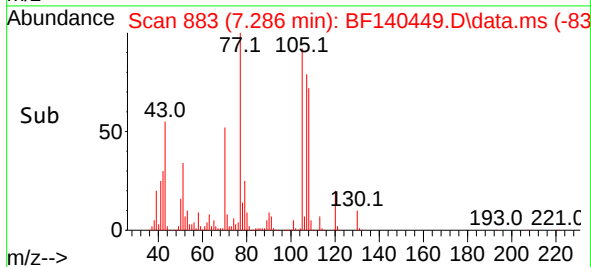
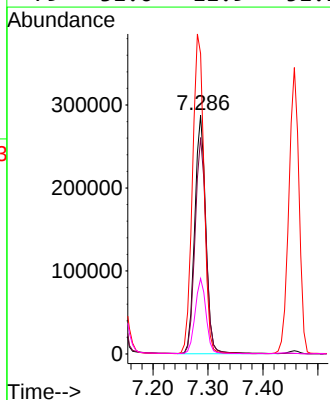
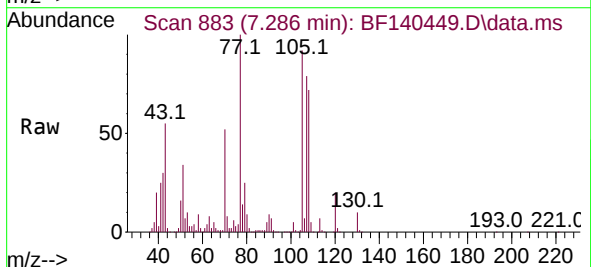
Reviewed By :Yogesh Patel 11/19/2024

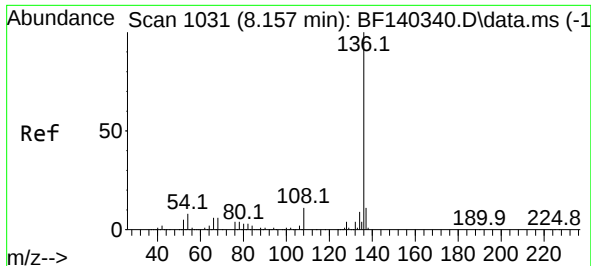
Supervised By :mohammad ahmed 11/19/2024



#20
3+4-Methylphenols
Concen: 43.863 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:107 Resp: 399598
Ion Ratio Lower Upper
107 100
108 90.7 71.4 111.4
77 125.9 97.0 137.0
79 31.6 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

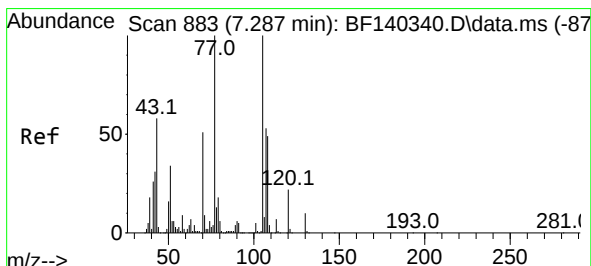
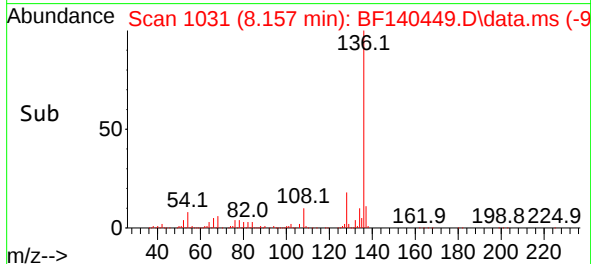
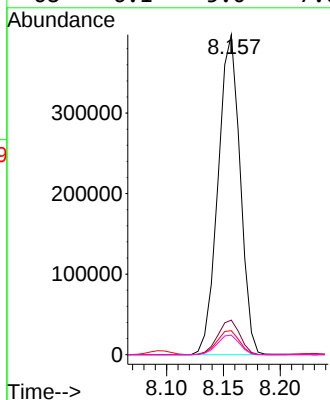
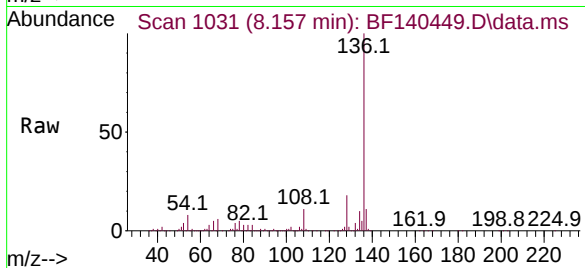
PB164940BS

Tgt Ion:136 Resp: 53741
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.5 9.7
68 6.1 5.0 7.6

Manual Integrations

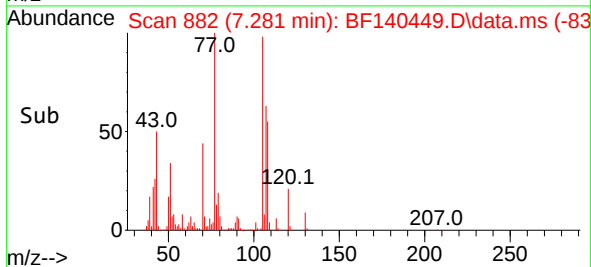
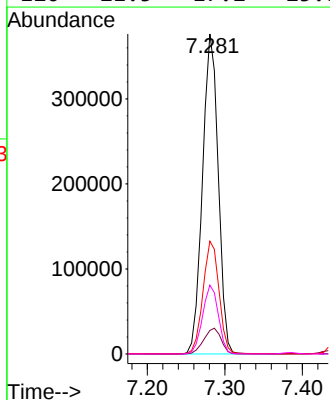
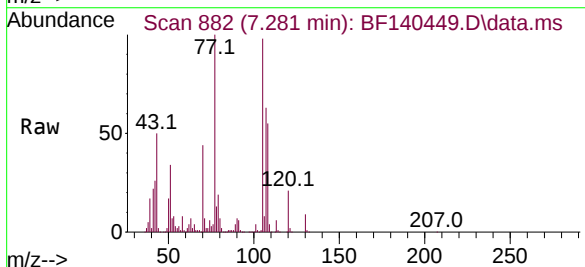
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#22
Acetophenone
Concen: 42.507 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:105 Resp: 531297
Ion Ratio Lower Upper
105 100
71 7.4 6.9 10.3
51 35.2 28.6 43.0
120 21.5 17.2 25.8





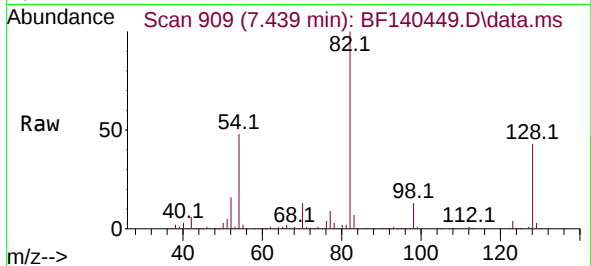
#23
Nitrobenzene-d5
Concen: 83.422 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

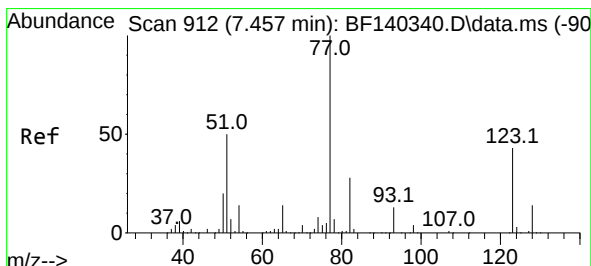
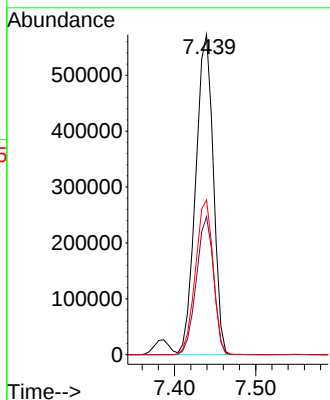
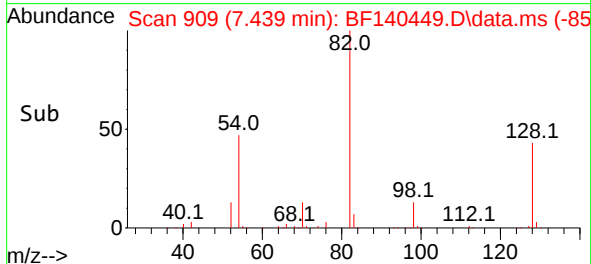
PB164940BS



Tgt Ion: 82 Resp: 860454
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.4 39.8 59.8

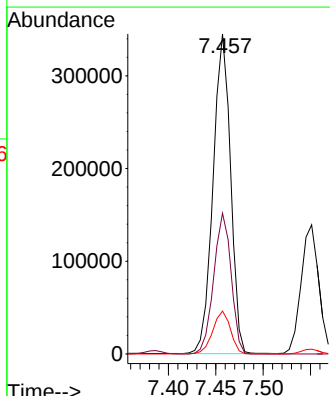
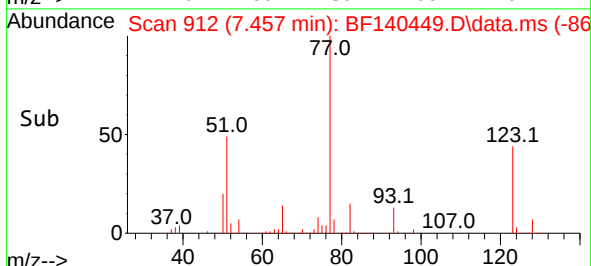
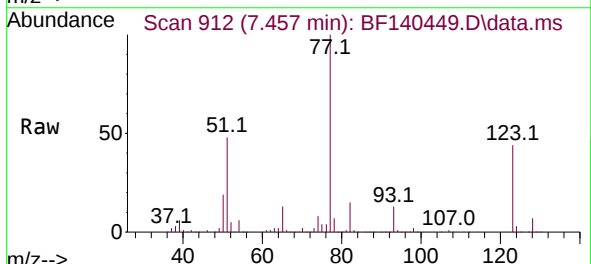
Manual Integrations
APPROVED

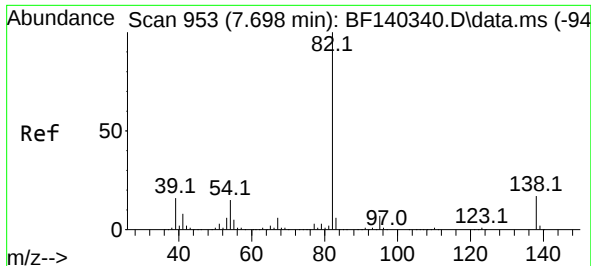
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#24
Nitrobenzene
Concen: 41.232 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion: 77 Resp: 442798
Ion Ratio Lower Upper
77 100
123 44.0 35.4 53.0
65 13.4 11.1 16.7





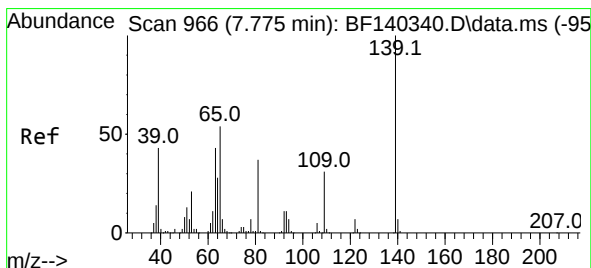
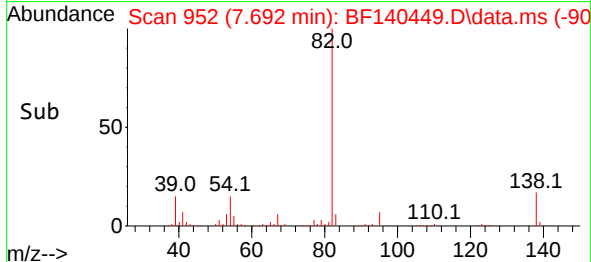
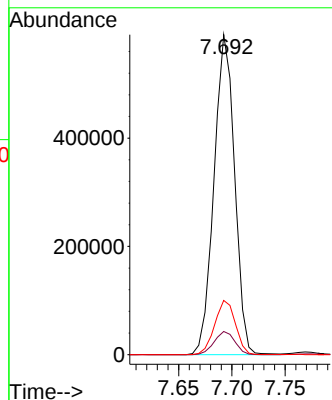
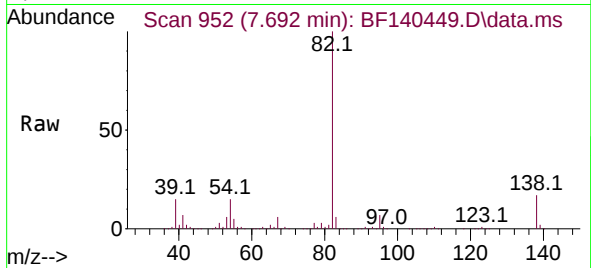
#25
Isophorone
Concen: 43.540 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :
BNA_F
ClientSampleId :
PB164940BS

Tgt Ion: 82 Resp: 79592
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.9 13.4 20.2

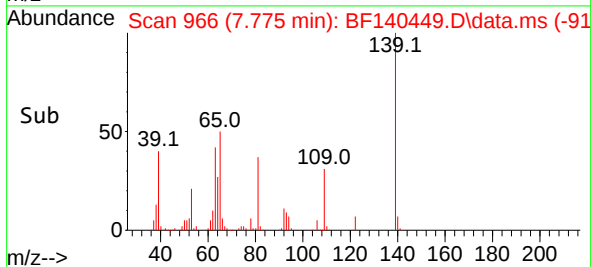
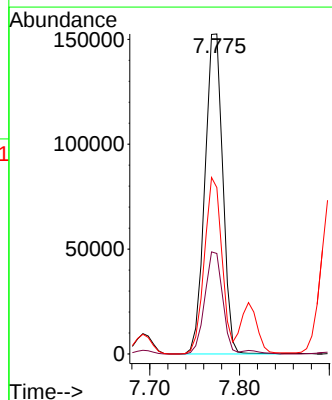
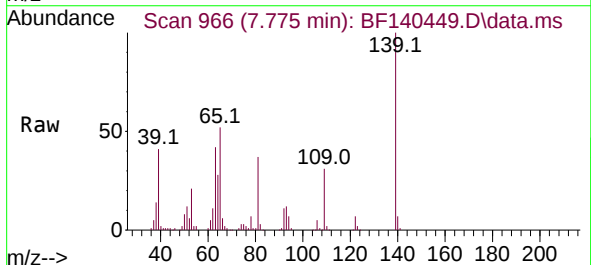
Manual Integrations
APPROVED

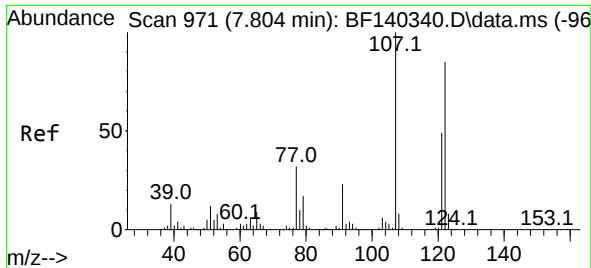
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#26
2-Nitrophenol
Concen: 44.301 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:139 Resp: 211119
Ion Ratio Lower Upper
139 100
109 31.4 24.4 36.6
65 52.0 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 53.233 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

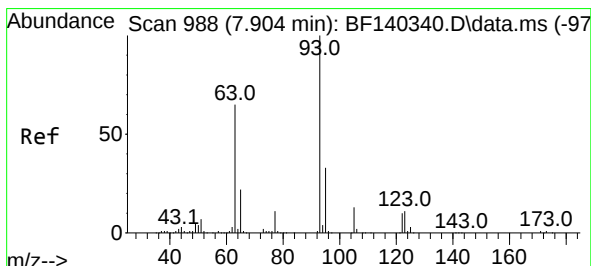
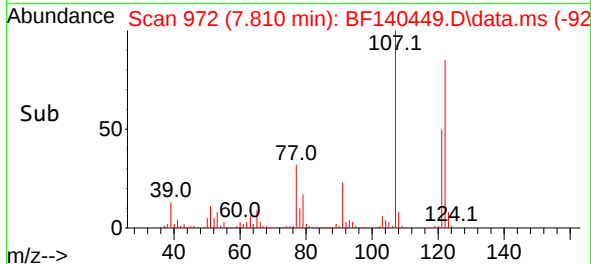
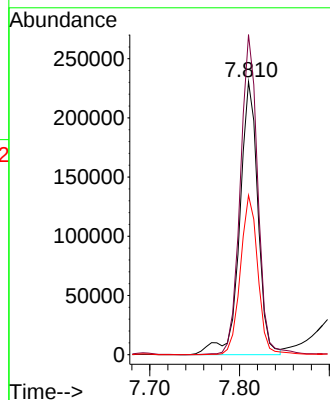
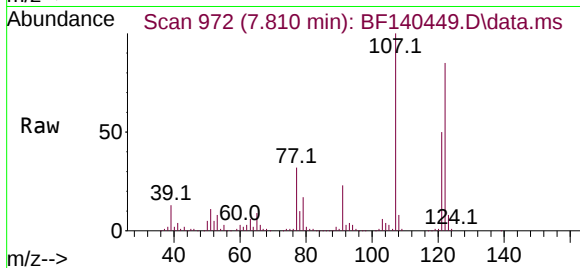
ClientSampleId :

PB164940BS

Tgt Ion:122 Resp: 32478
Ion Ratio Lower Upper
122 100
107 117.2 91.3 136.9
121 58.4 45.5 68.3

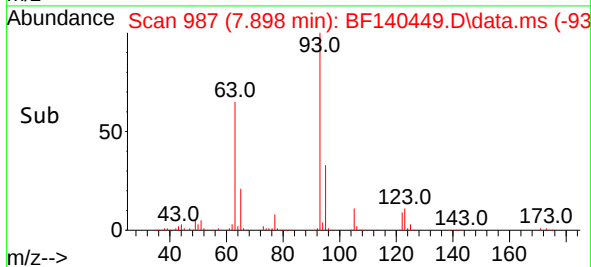
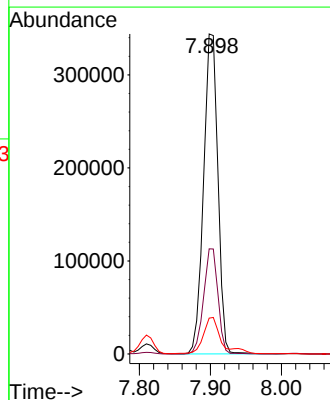
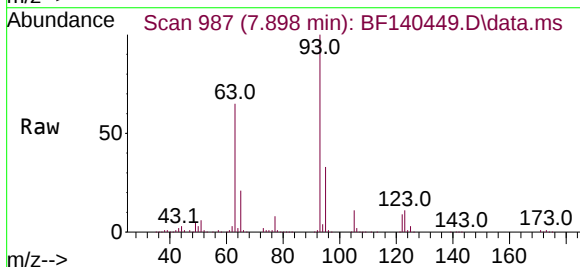
Manual Integrations
APPROVED

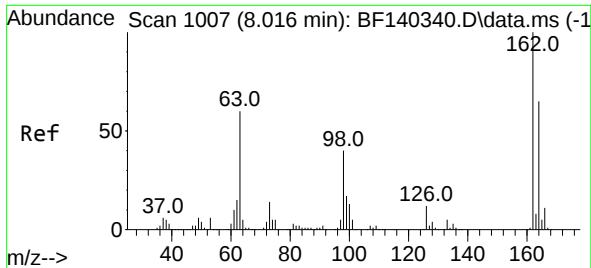
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.148 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion: 93 Resp: 483647
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.680 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

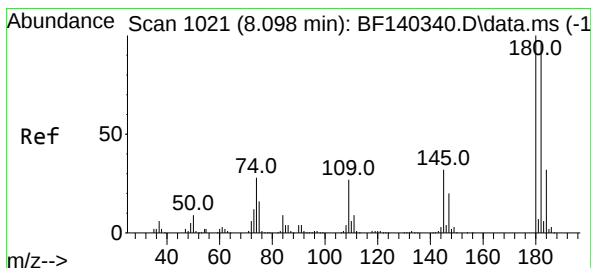
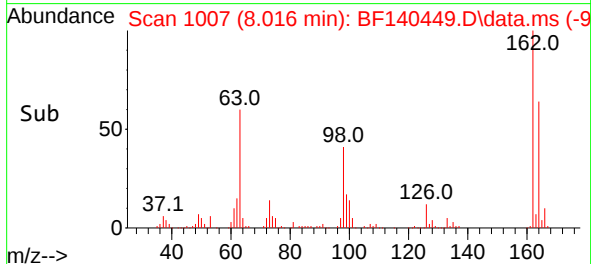
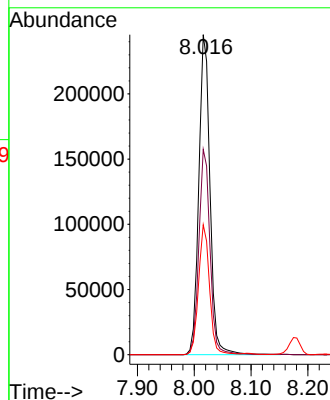
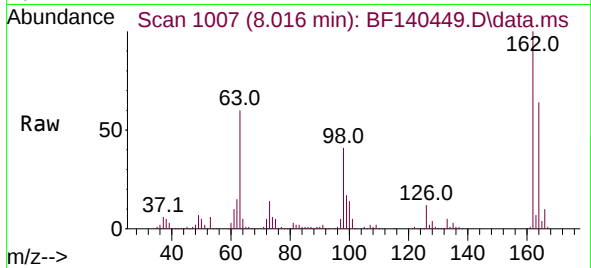
Tgt Ion:162 Resp: 33689
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.4 85.4
 98 40.6 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.833 ng

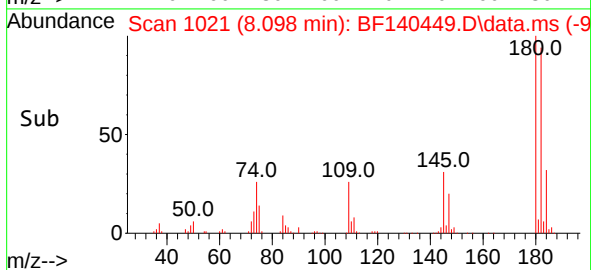
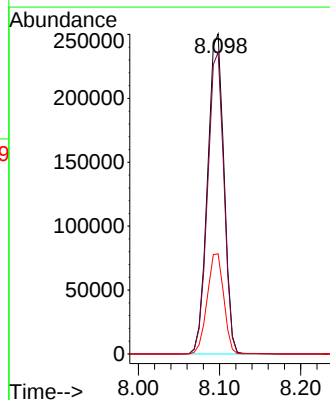
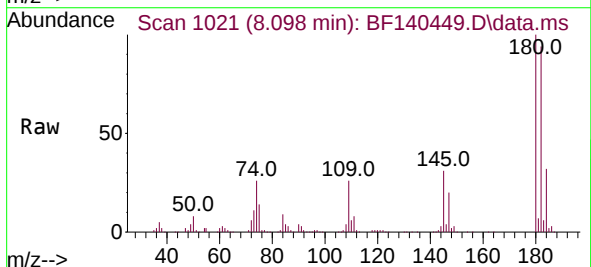
RT: 8.098 min Scan# 1021

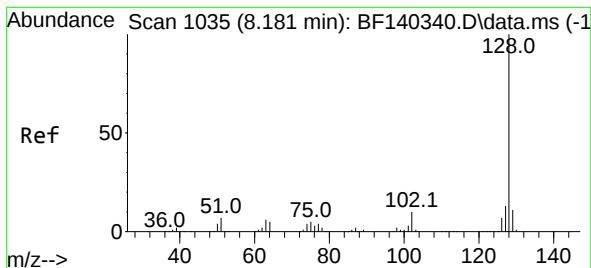
Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:180 Resp: 351176
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.5 114.7
 145 31.3 25.3 37.9





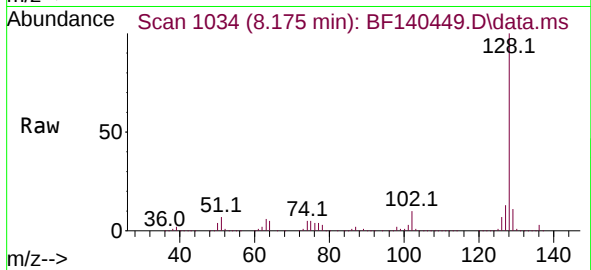
#31
Naphthalene
Concen: 42.632 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



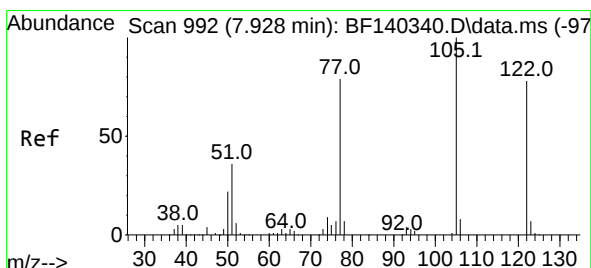
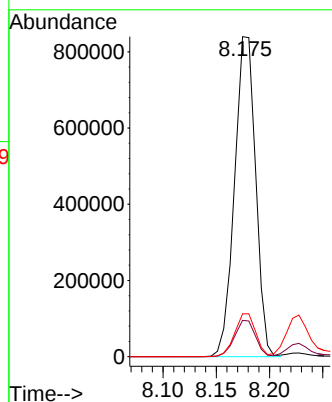
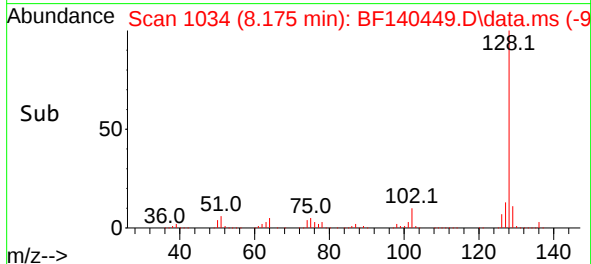
Tgt Ion:128 Resp: 1162230
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

APPROVED

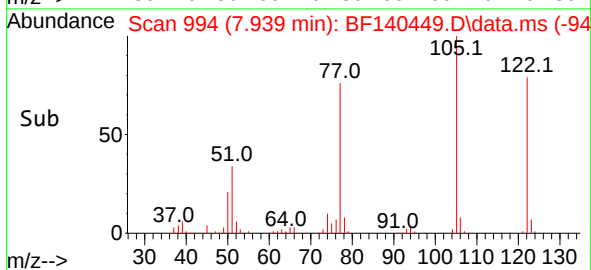
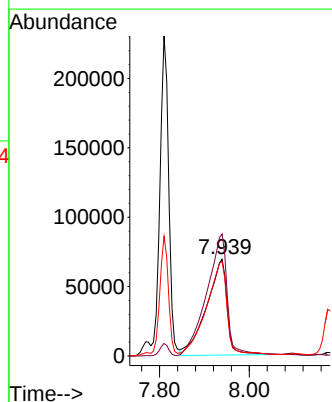
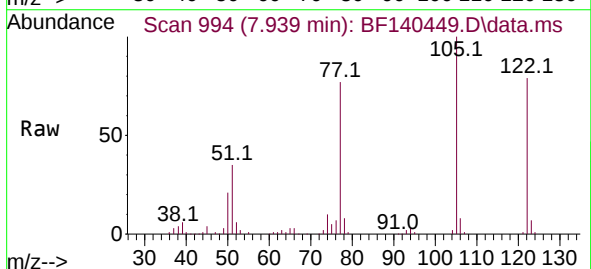
Reviewed By :Yogesh Patel 11/19/2024

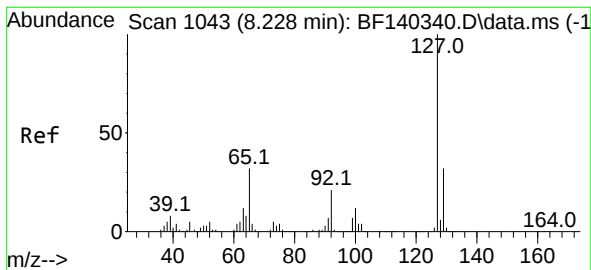
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 41.271 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:122 Resp: 221567
Ion Ratio Lower Upper
122 100
105 126.3 100.9 140.9
77 97.8 76.0 116.0





#33
4-Chloroaniline
Concen: 19.426 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

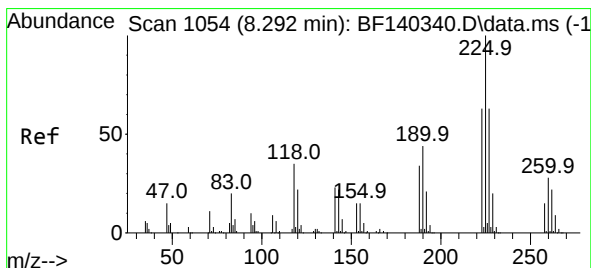
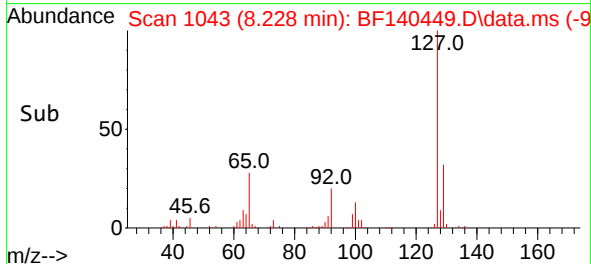
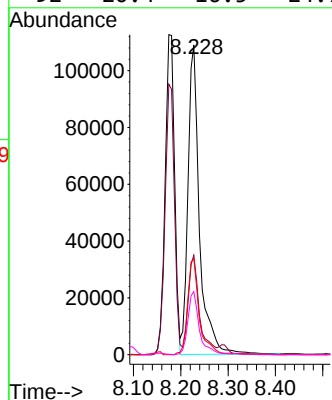
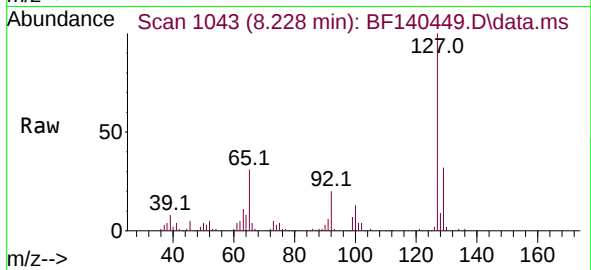
PB164940BS

Tgt Ion:127 Resp: 18417
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4
65 31.0 25.8 38.6
92 20.4 16.5 24.7

Manual Integrations

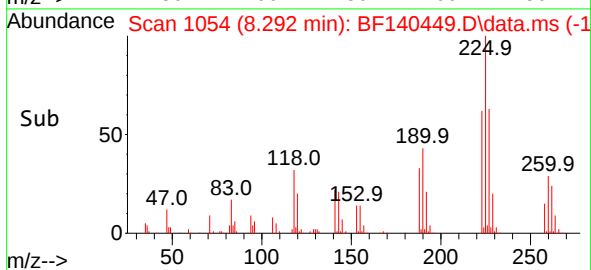
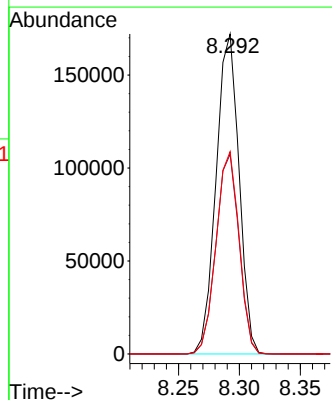
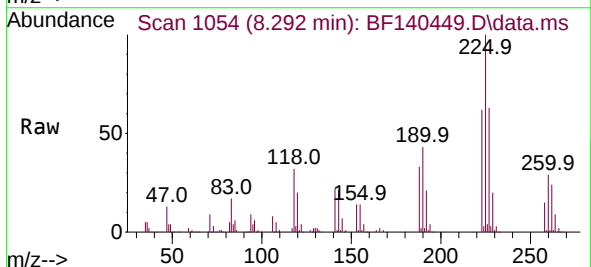
APPROVED

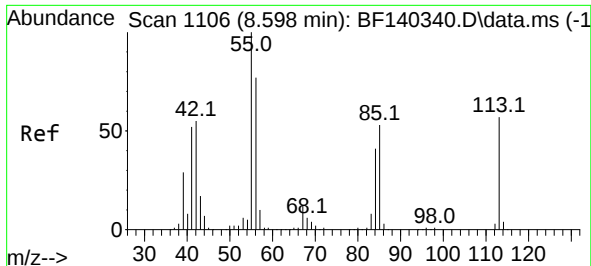
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 42.171 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:225 Resp: 225562
Ion Ratio Lower Upper
225 100
223 62.5 50.1 75.1
227 63.3 51.3 76.9





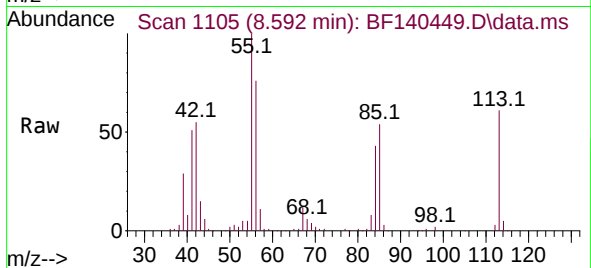
#35
Caprolactam
Concen: 42.675 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



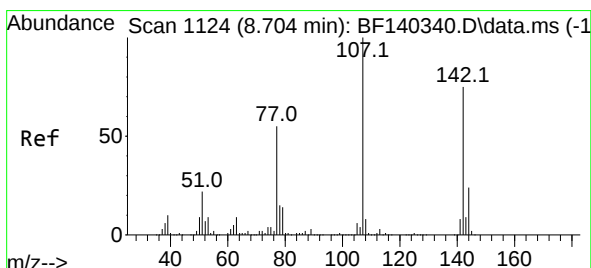
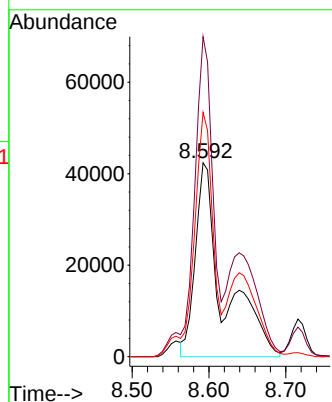
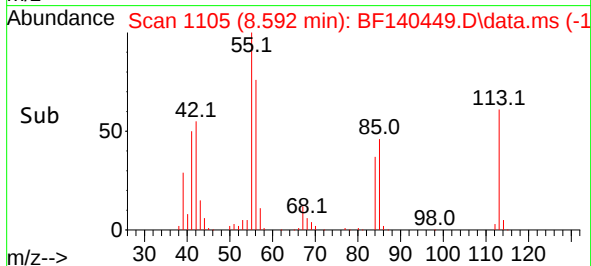
Tgt Ion:113 Resp: 106948
Ion Ratio Lower Upper
113 100
55 165.1 150.0 190.0
56 126.0 111.1 151.1

Manual Integrations

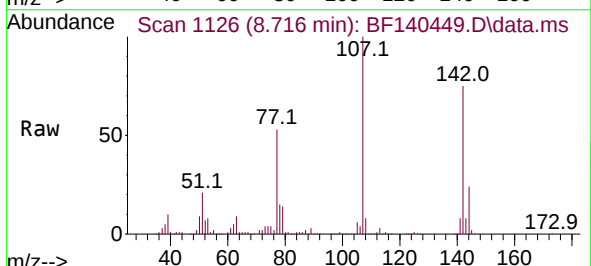
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

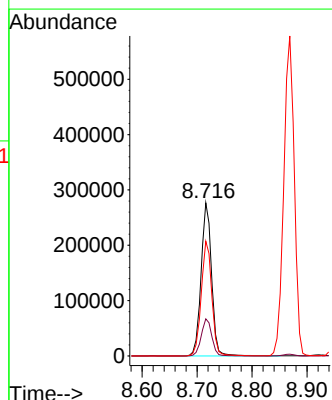
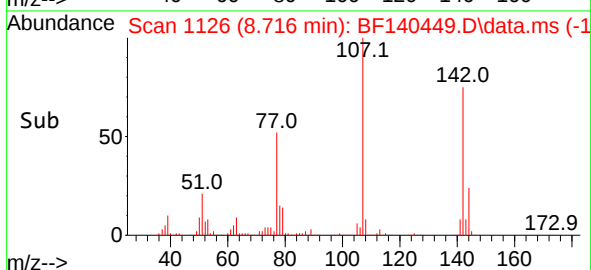
Supervised By :mohammad ahmed 11/19/2024

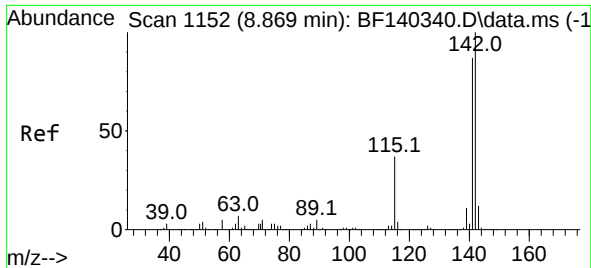


#36
4-Chloro-3-methylphenol
Concen: 44.108 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



Tgt Ion:107 Resp: 368572
Ion Ratio Lower Upper
107 100
144 24.3 19.3 28.9
142 74.9 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.738 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

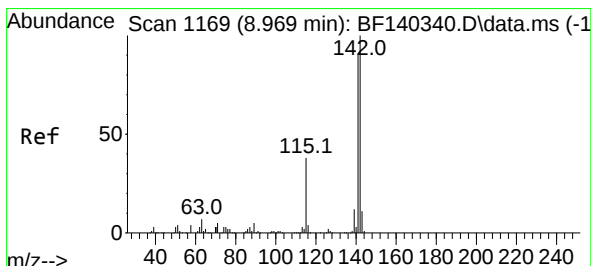
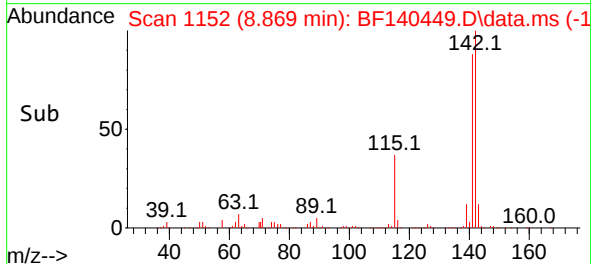
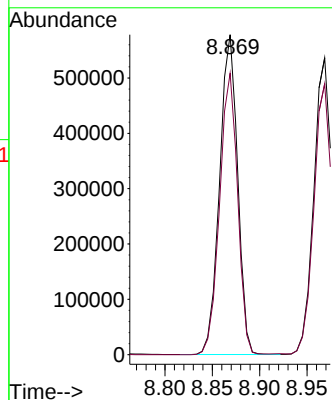
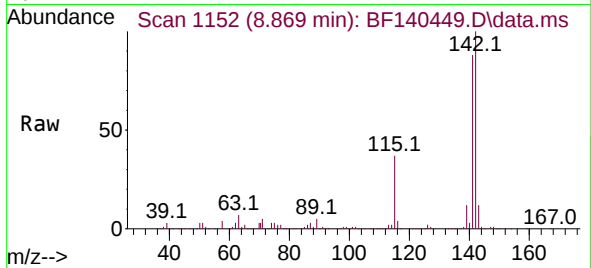
PB164940BS

Tgt Ion:142 Resp: 764580
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6

Manual Integrations

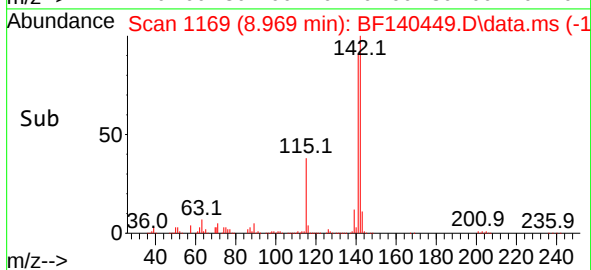
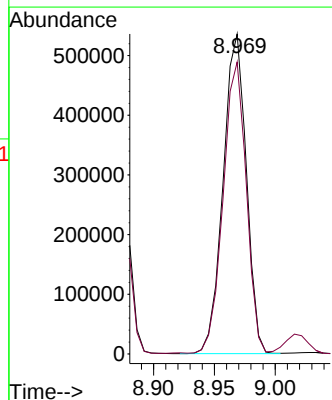
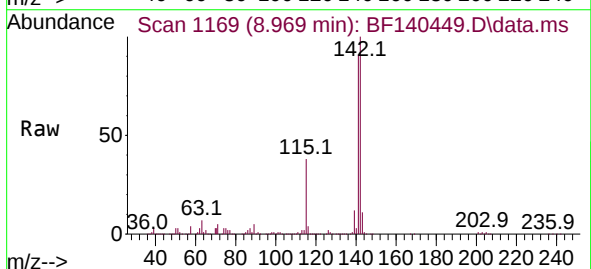
APPROVED

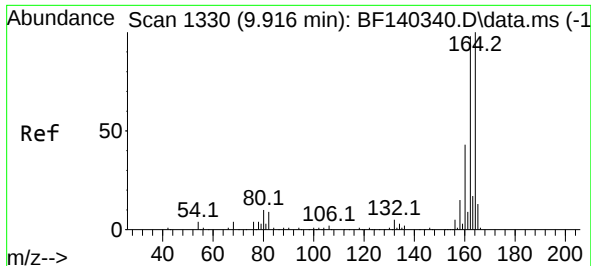
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#38
1-Methylnaphthalene
Concen: 41.483 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:142 Resp: 710109
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

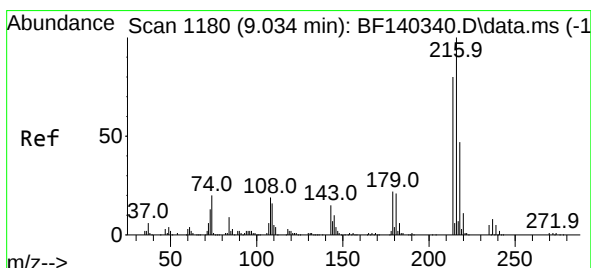
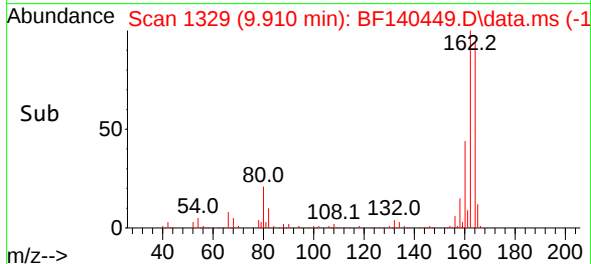
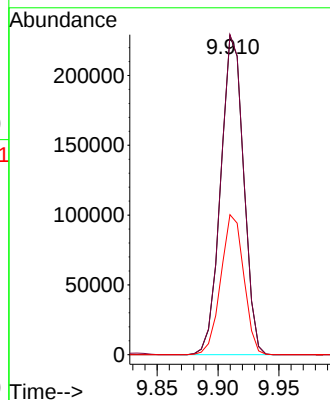
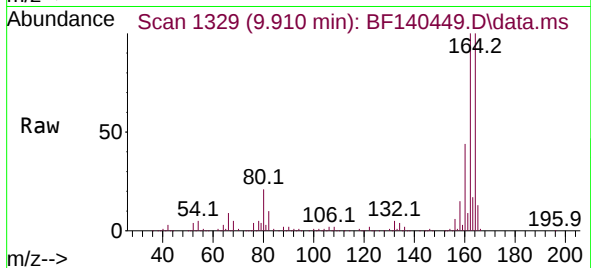
Tgt Ion:164 Resp: 29913
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.8 119.8
 160 43.9 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.919 ng

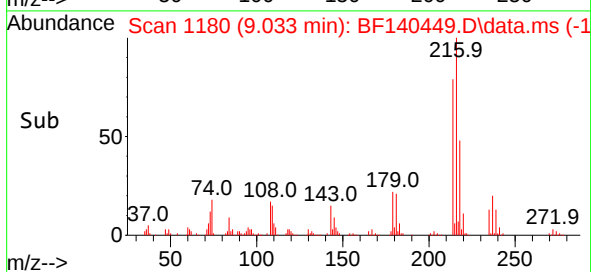
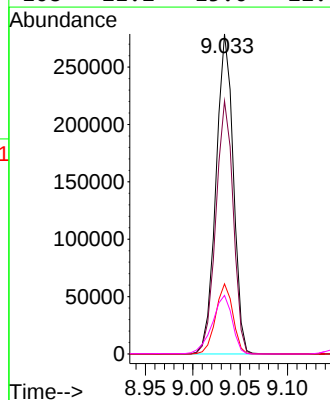
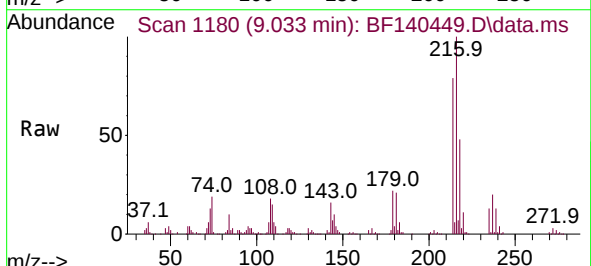
RT: 9.033 min Scan# 1180

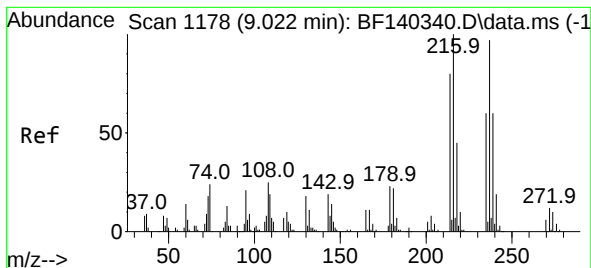
Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:216 Resp: 355029
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.2 94.8
 179 21.7 17.2 25.8
 108 21.2 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 170.808 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

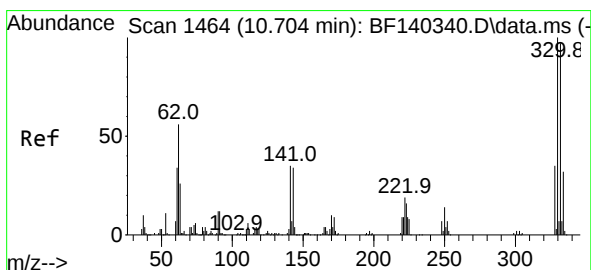
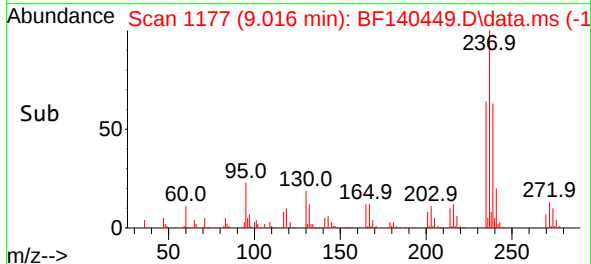
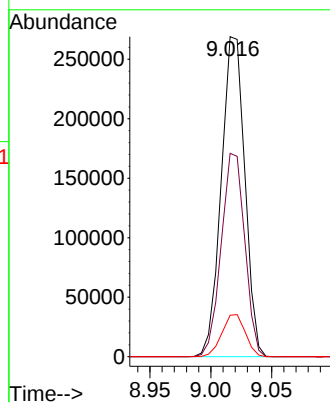
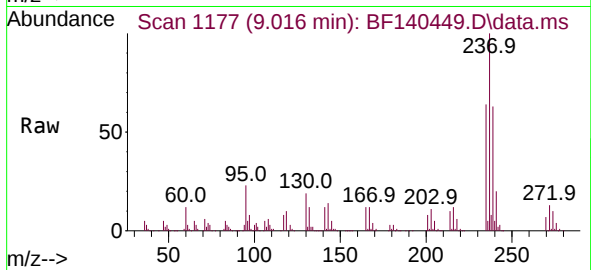
Tgt Ion:	237	Resp:	36277
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.8	82.8
272	12.9	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#42

2,4,6-Tribromophenol

Concen: 127.377 ng

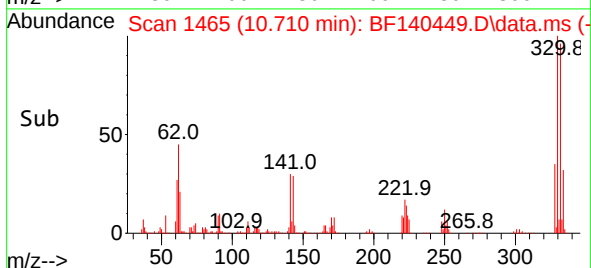
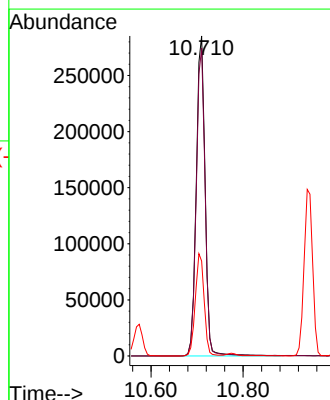
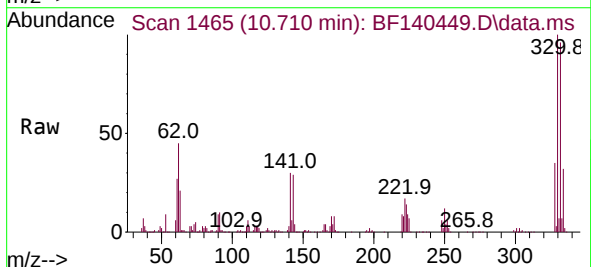
RT: 10.710 min Scan# 1465

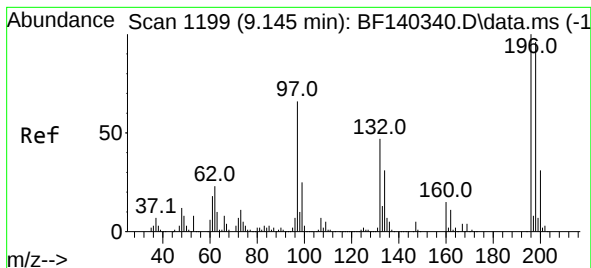
Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:	330	Resp:	378900
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.9	113.9
141	31.9	26.9	40.3





#43

2,4,6-Trichlorophenol

Concen: 43.973 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

Tgt Ion:196 Resp: 23871

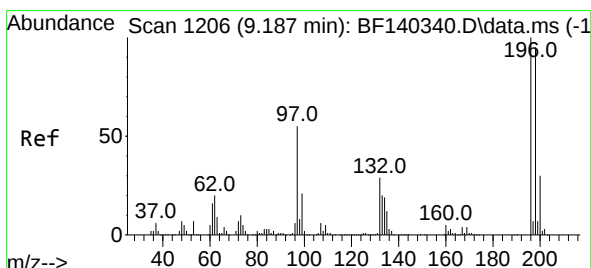
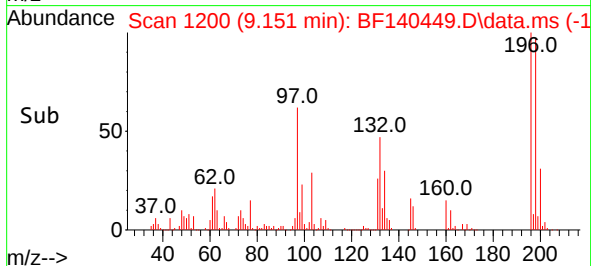
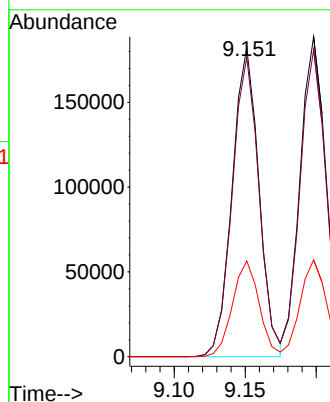
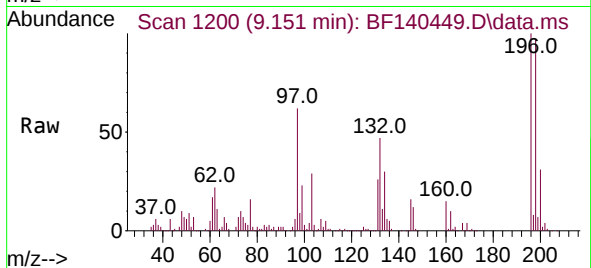
Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.0	115.4
200	31.0	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#44

2,4,5-Trichlorophenol

Concen: 42.830 ng

RT: 9.198 min Scan# 1208

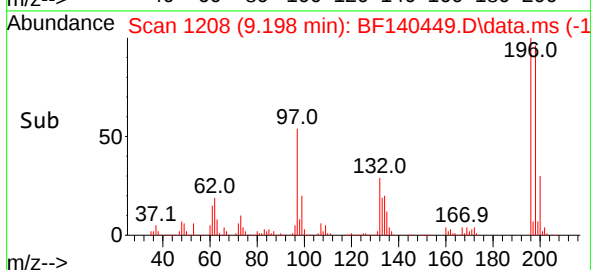
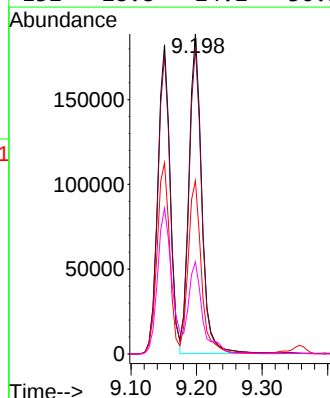
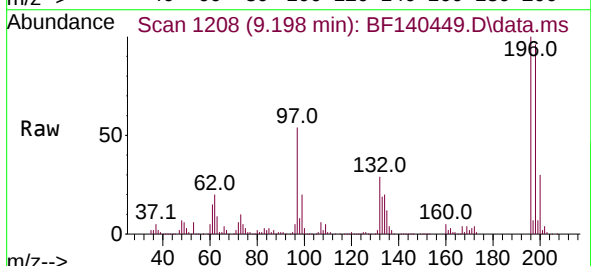
Delta R.T. 0.012 min

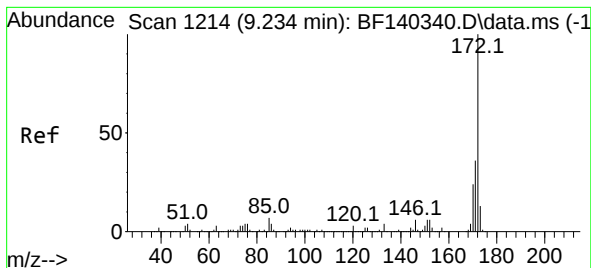
Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:196 Resp: 254207

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.6	116.4
97	54.1	45.4	68.2
132	28.8	24.2	36.2





#45

2-Fluorobiphenyl

Concen: 85.085 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

Tgt Ion:172 Resp: 158325

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

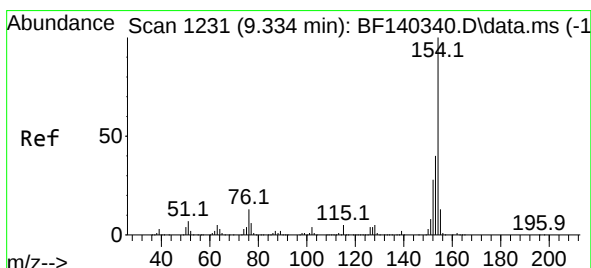
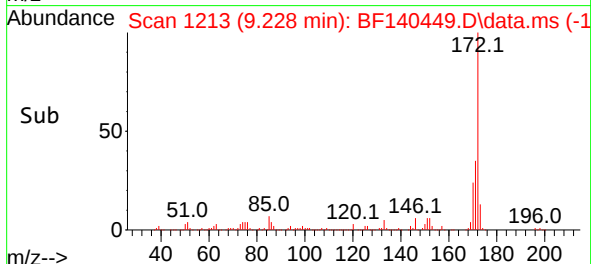
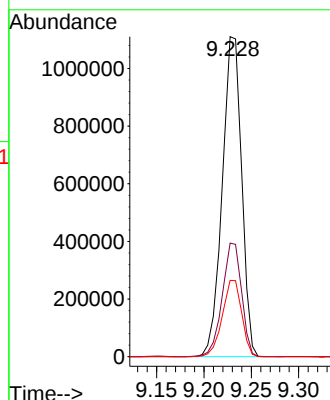
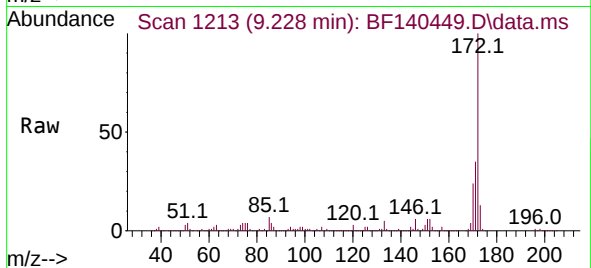
170 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#46

1,1'-Biphenyl

Concen: 43.538 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

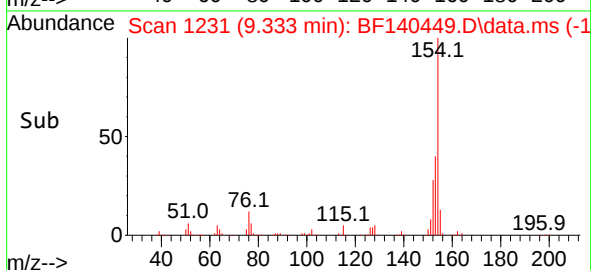
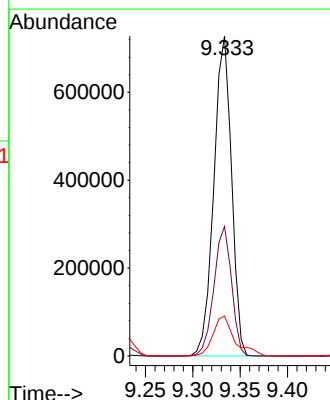
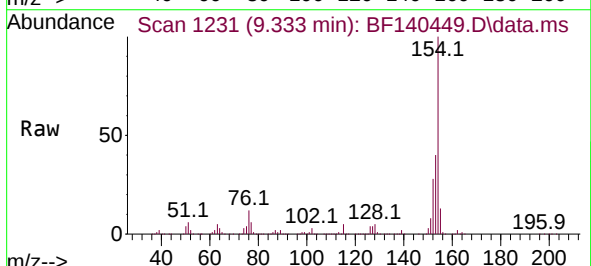
Tgt Ion:154 Resp: 947471

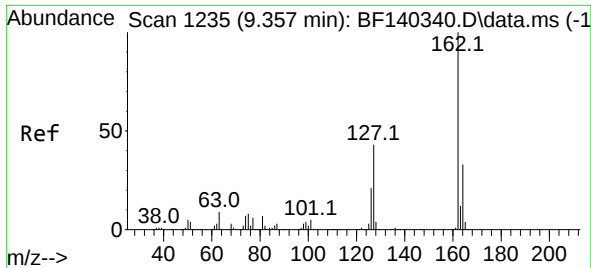
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 12.4 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.430 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

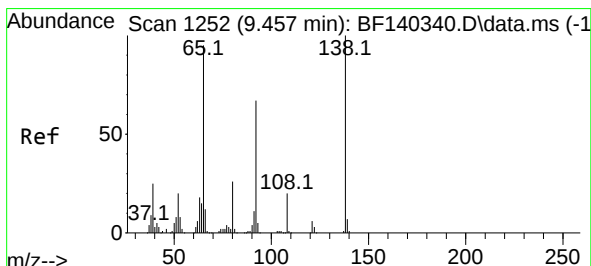
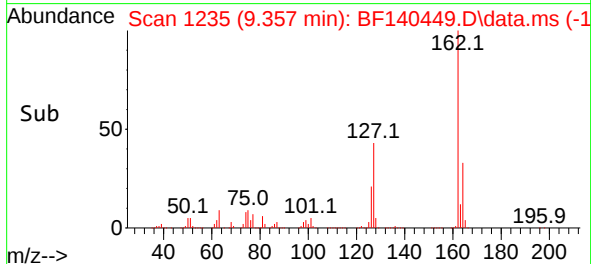
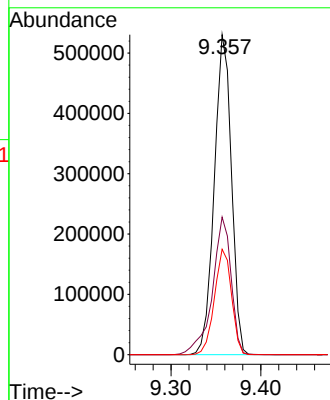
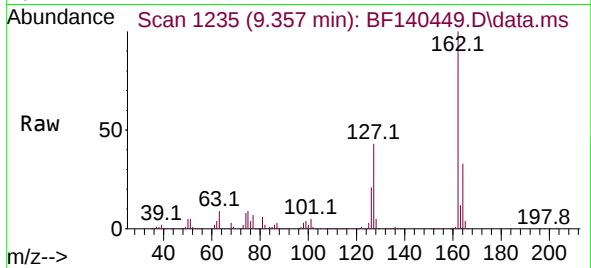
Tgt Ion:162 Resp: 703374
 Ion Ratio Lower Upper
 162 100
 127 43.0 34.0 51.0
 164 32.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 42.885 ng

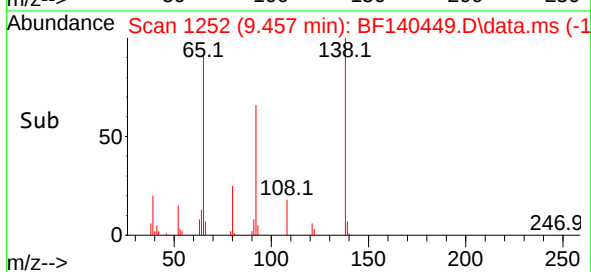
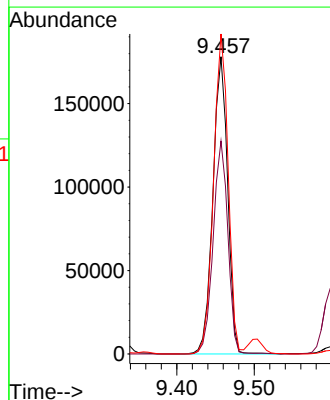
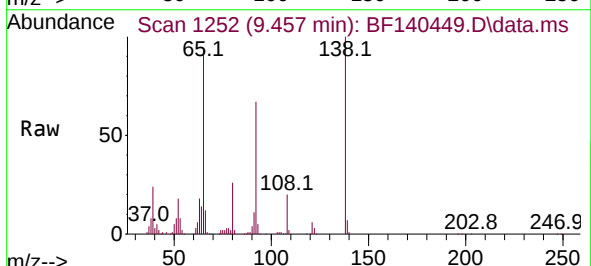
RT: 9.457 min Scan# 1252

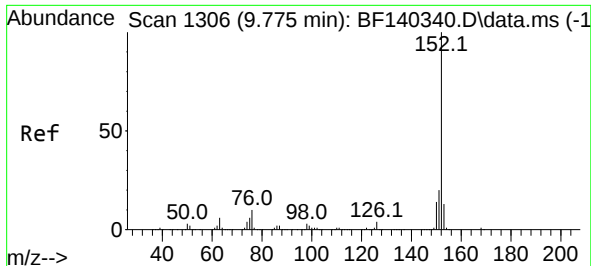
Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion: 65 Resp: 235769
 Ion Ratio Lower Upper
 65 100
 92 71.6 56.4 84.6
 138 107.6 84.8 127.2





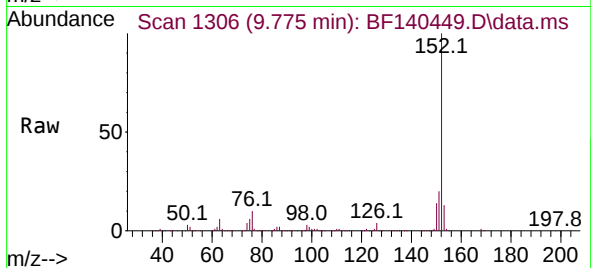
#49
Acenaphthylene
Concen: 46.820 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



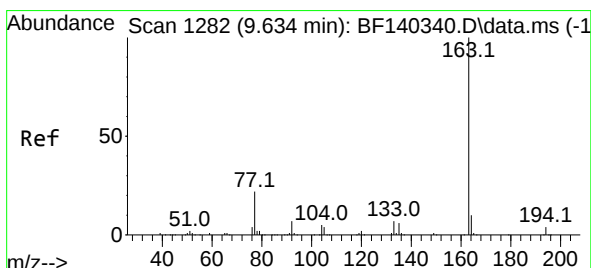
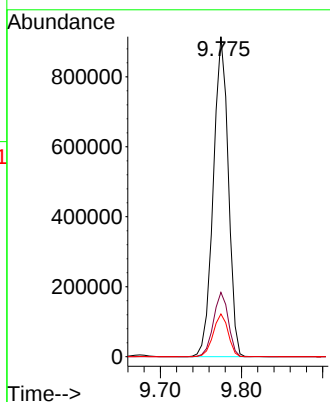
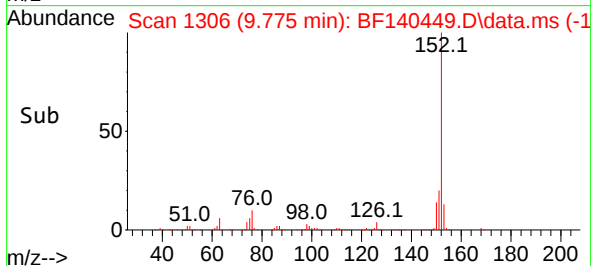
Tgt Ion:152 Resp: 1174308
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.7 16.1

Manual Integrations

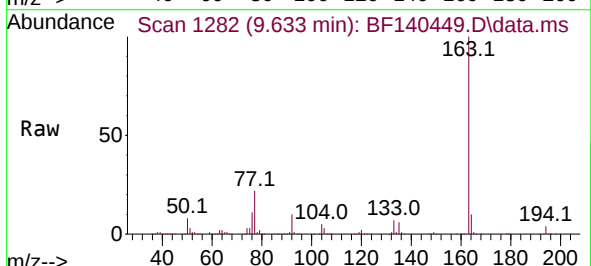
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

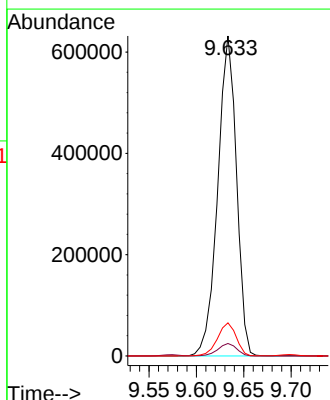
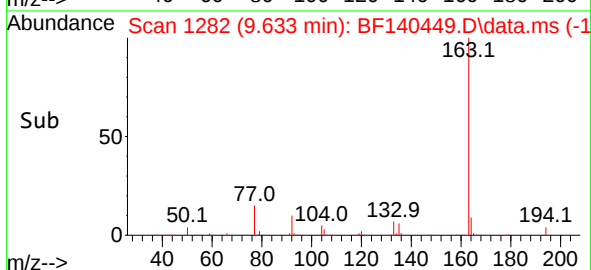
Supervised By :mohammad ahmed 11/19/2024

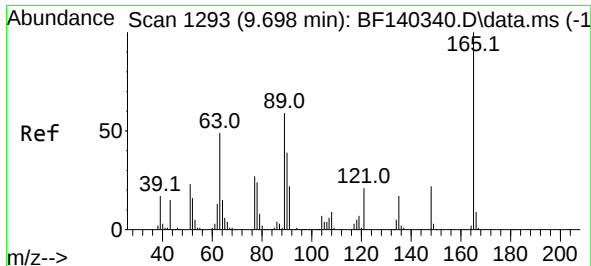


#50
Dimethylphthalate
Concen: 44.712 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



Tgt Ion:163 Resp: 871777
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4





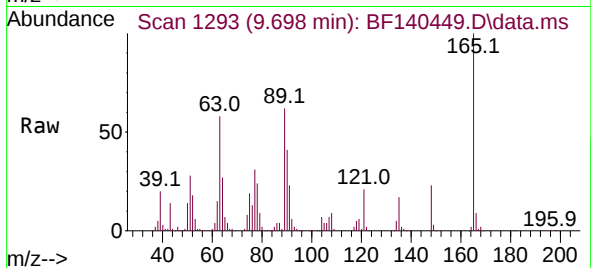
#51
2,6-Dinitrotoluene
Concen: 41.903 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



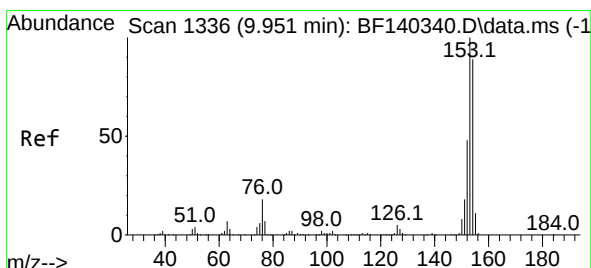
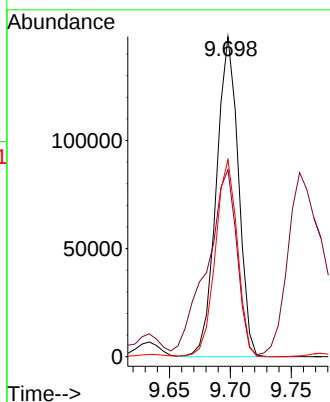
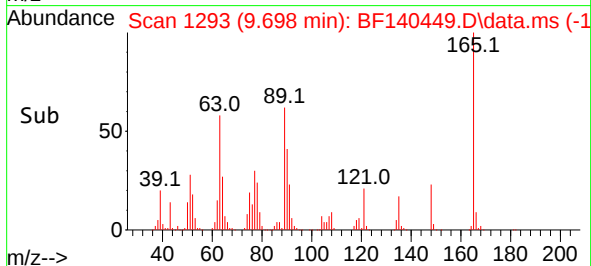
Tgt Ion:165 Resp: 18625
Ion Ratio Lower Upper
165 100
63 58.4 47.6 71.4
89 61.6 48.1 72.1

Manual Integrations

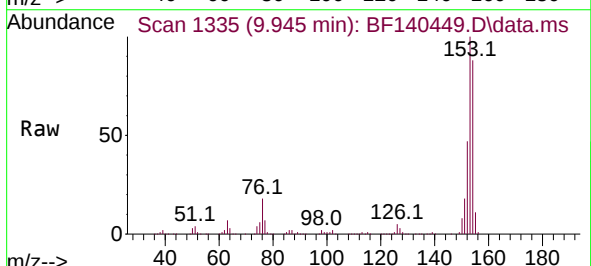
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

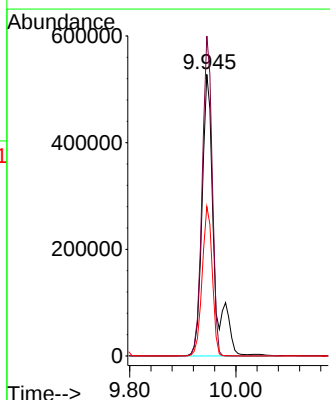
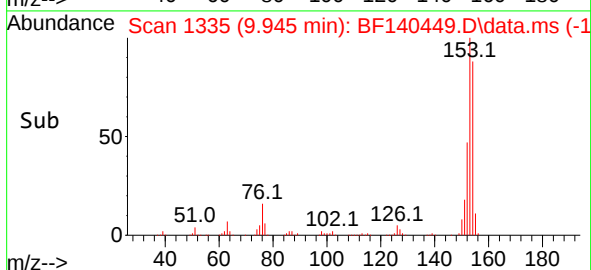
Supervised By :mohammad ahmed 11/19/2024

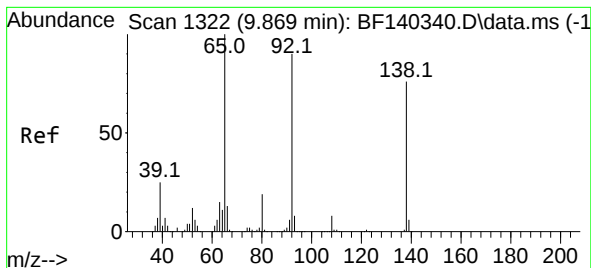


#52
Acenaphthene
Concen: 48.877 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



Tgt Ion:154 Resp: 828005
Ion Ratio Lower Upper
154 100
153 113.6 89.8 134.8
152 53.1 42.6 64.0





#53

3-Nitroaniline

Concen: 25.907 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

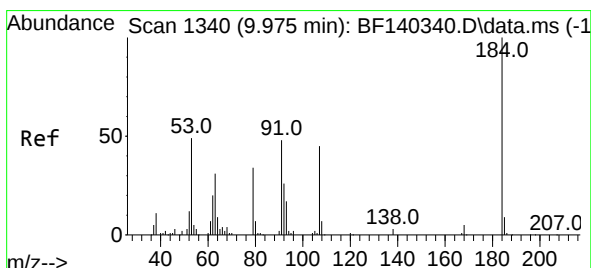
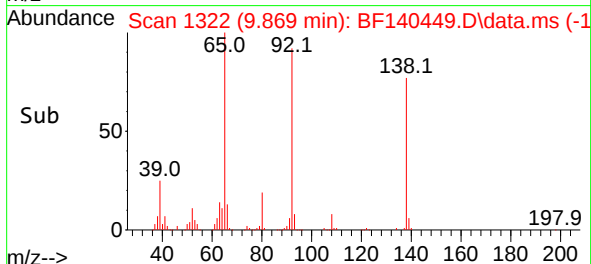
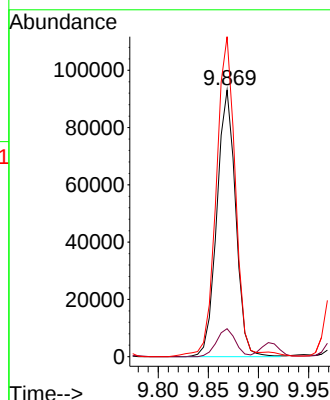
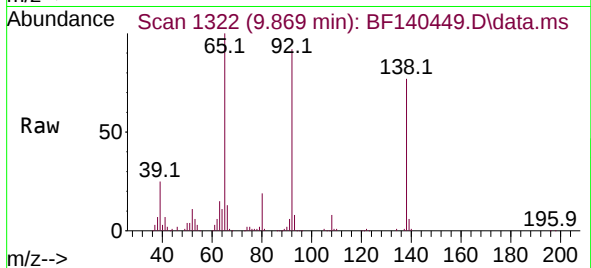
Tgt Ion:138 Resp: 120934
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.4 12.6
 92 120.1 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#54

2,4-Dinitrophenol

Concen: 89.250 ng

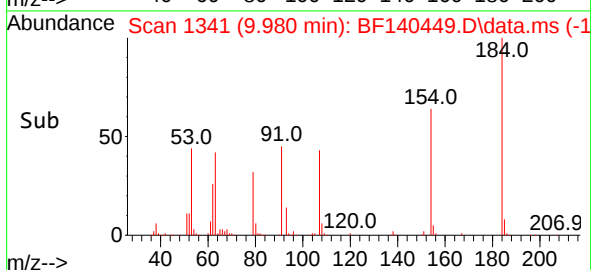
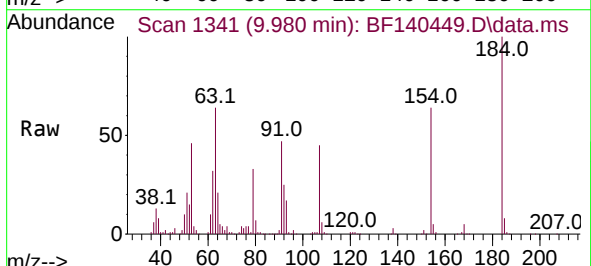
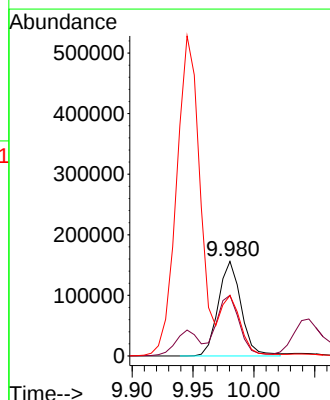
RT: 9.980 min Scan# 1341

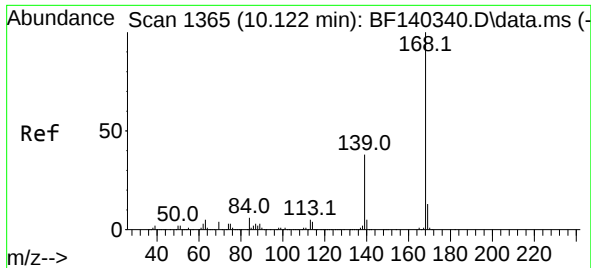
Delta R.T. 0.005 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:184 Resp: 204580
 Ion Ratio Lower Upper
 184 100
 63 64.1 53.5 80.3
 154 64.0 51.3 76.9





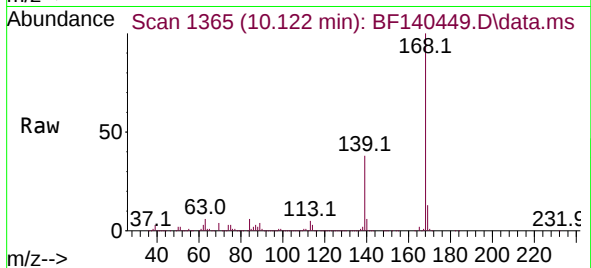
#55
Dibenzenofuran
Concen: 44.339 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



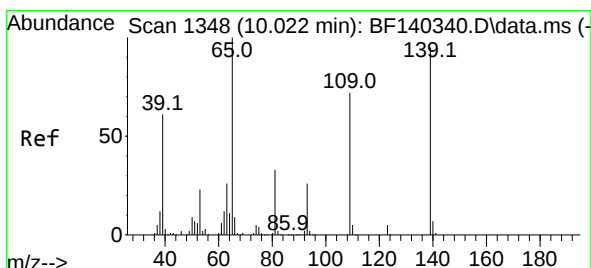
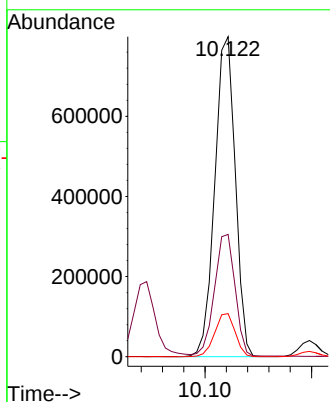
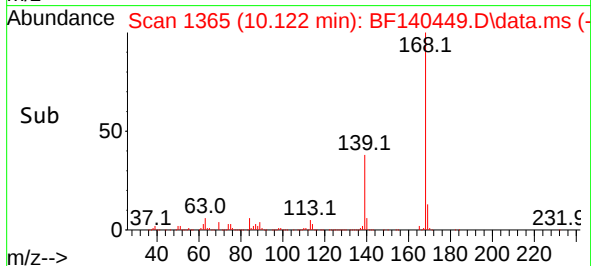
Tgt Ion:168 Resp: 106331
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2
169 13.5 10.8 16.2

Manual Integrations

APPROVED

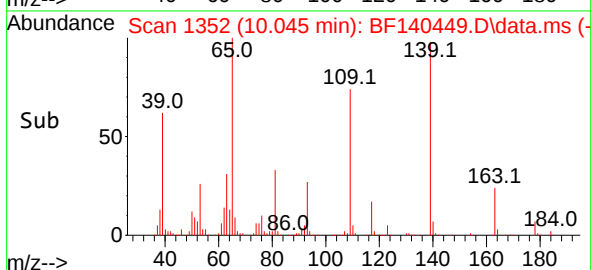
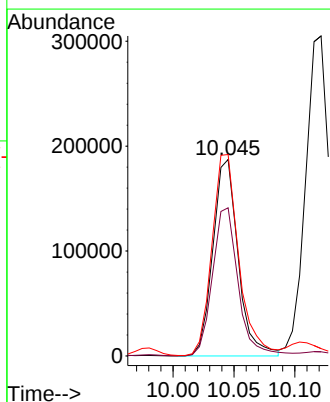
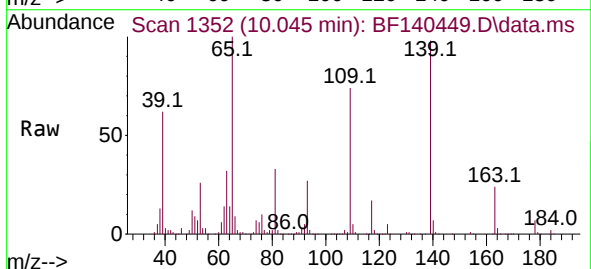
Reviewed By :Yogesh Patel 11/19/2024

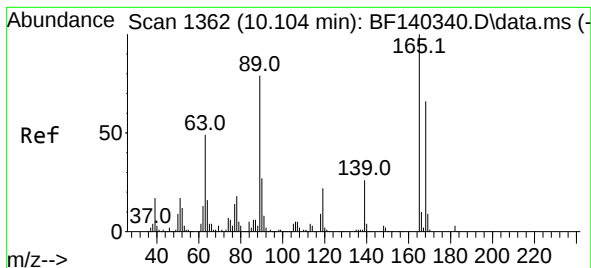
Supervised By :mohammad ahmed 11/19/2024



#56
4-Nitrophenol
Concen: 79.571 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:139 Resp: 270938
Ion Ratio Lower Upper
139 100
109 75.4 54.5 94.5
65 102.5 84.4 124.4





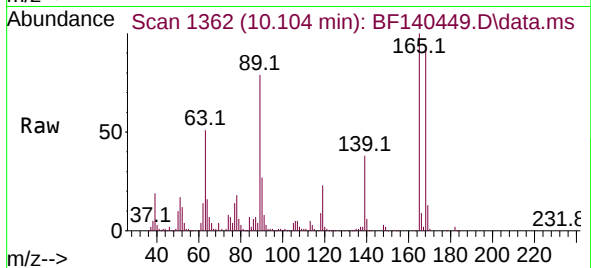
#57
2,4-Dinitrotoluene
Concen: 44.165 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

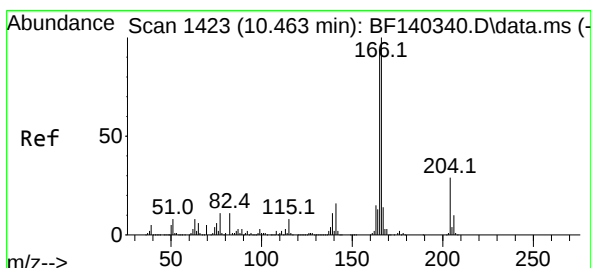
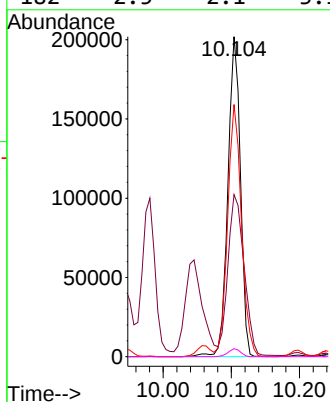
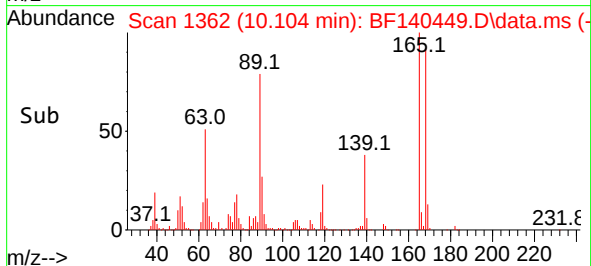


Tgt Ion:165 Resp: 25836
Ion Ratio Lower Upper
165 100
63 50.6 39.4 59.0
89 78.8 62.4 93.6
182 2.5 2.1 3.1

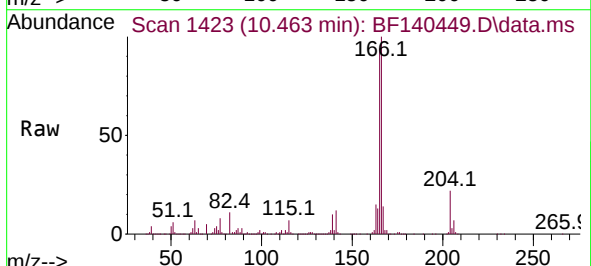
Manual Integrations

APPROVED

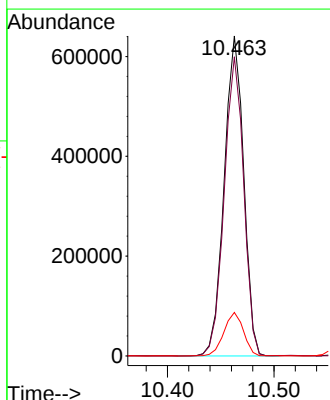
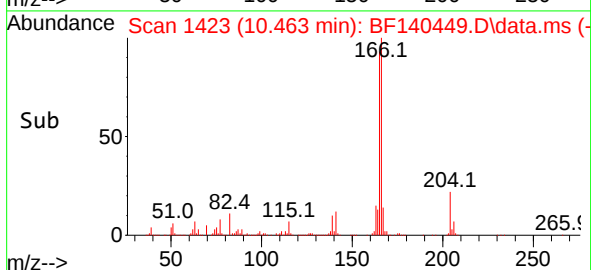
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

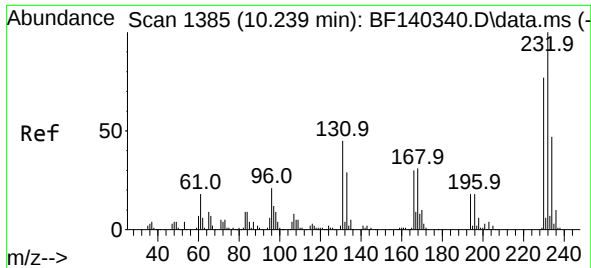


#58
Fluorene
Concen: 43.065 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



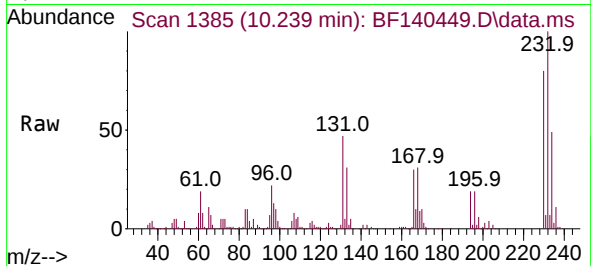
Tgt Ion:166 Resp: 815858
Ion Ratio Lower Upper
166 100
165 93.5 73.9 110.9
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.546 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

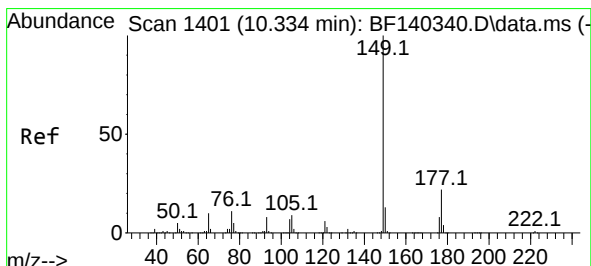
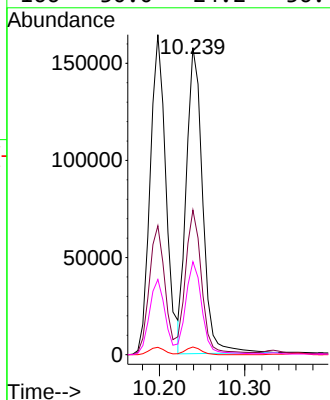
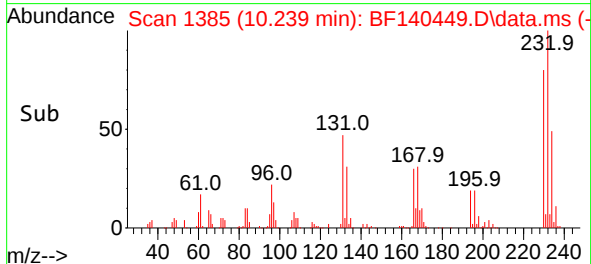
Instrument :
BNA_F
ClientSampleId :
PB164940BS



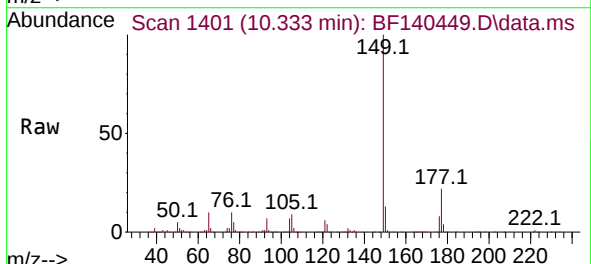
Tgt Ion:232 Resp: 208761
Ion Ratio Lower Upper
232 100
131 48.1 36.8 55.2
130 2.4 1.9 2.9
166 30.0 24.2 36.4

Manual Integrations
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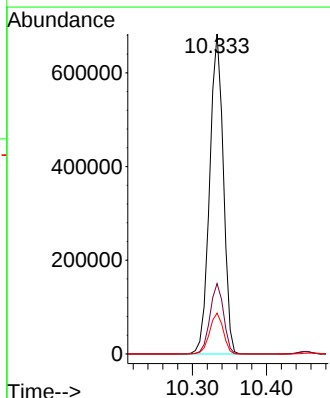
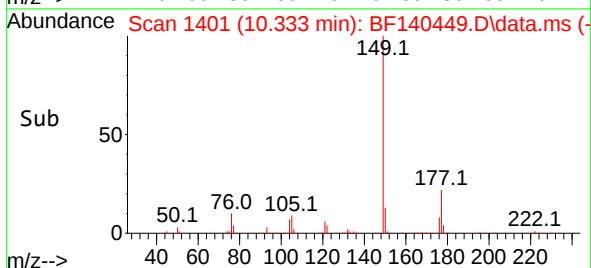
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

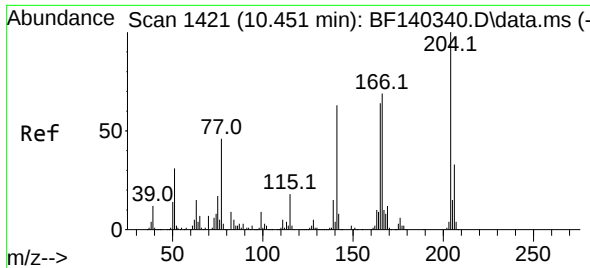


#60
Diethylphthalate
Concen: 43.886 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



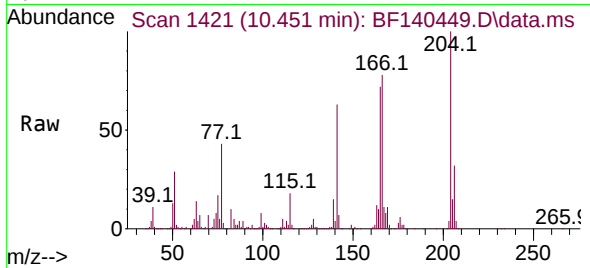
Tgt Ion:149 Resp: 874959
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.676 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

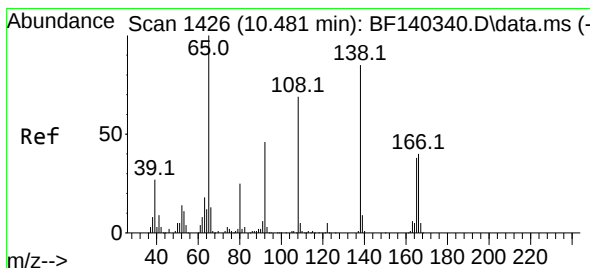
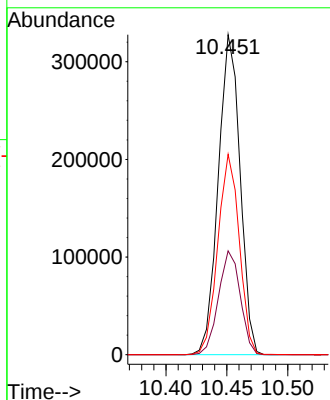
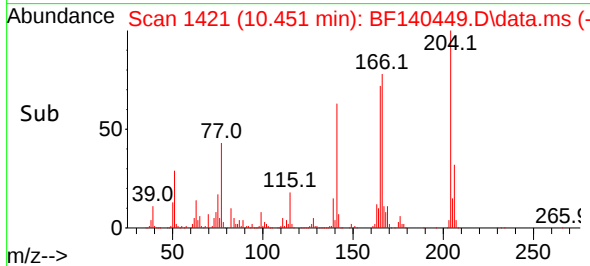
Instrument :
BNA_F
ClientSampleId :
PB164940BS



Tgt Ion:204 Resp: 408490
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 62.6 49.8 74.8

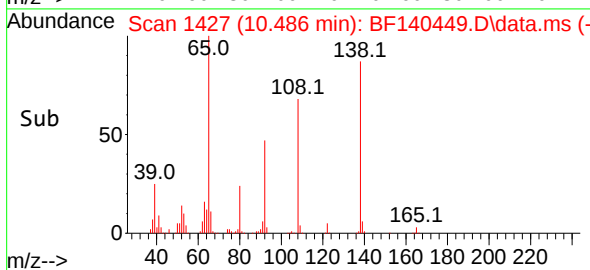
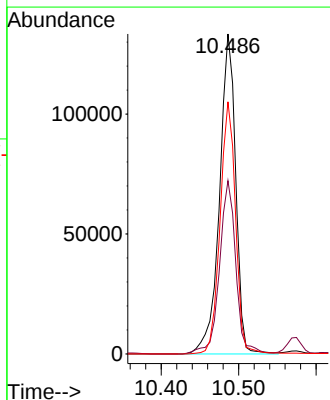
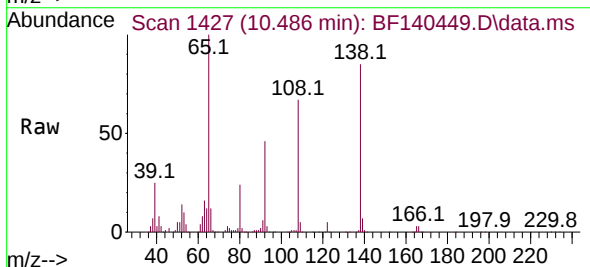
Manual Integrations
APPROVED

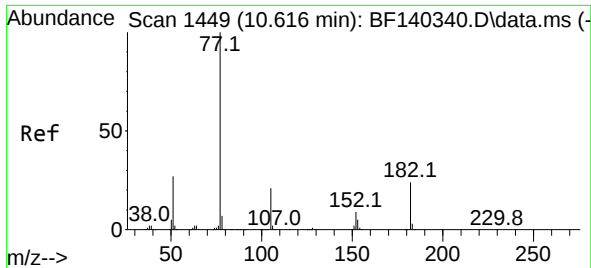
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#62
4-Nitroaniline
Concen: 40.770 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:138 Resp: 194597
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 78.8 59.9 99.9





#63
Azobenzene
Concen: 43.573 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

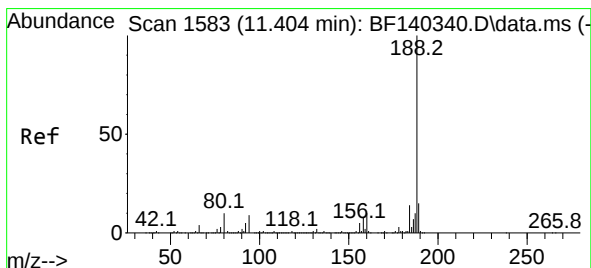
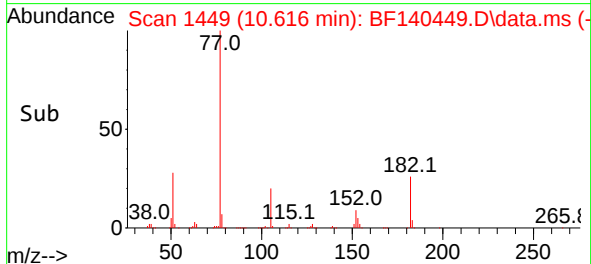
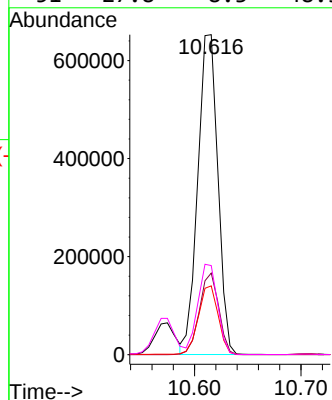
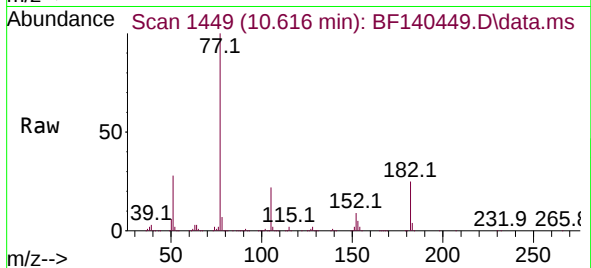
ClientSampleId :

PB164940BS

Tgt Ion: 77 Resp: 85836
Ion Ratio Lower Upper
77 100
182 25.5 4.6 44.6
105 21.5 0.9 40.9
51 27.8 8.3 48.3

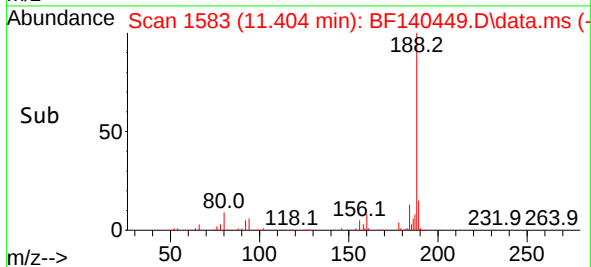
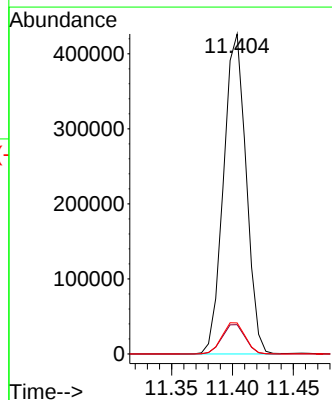
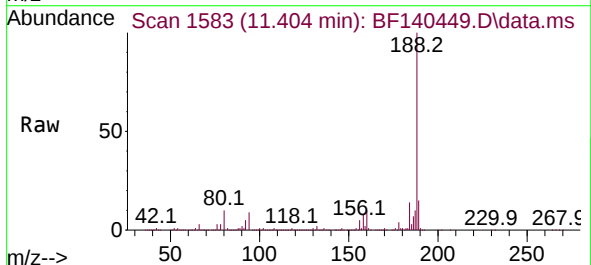
Manual Integrations
APPROVED

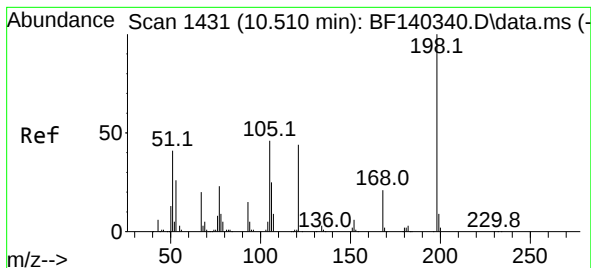
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:188 Resp: 551457
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.582 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

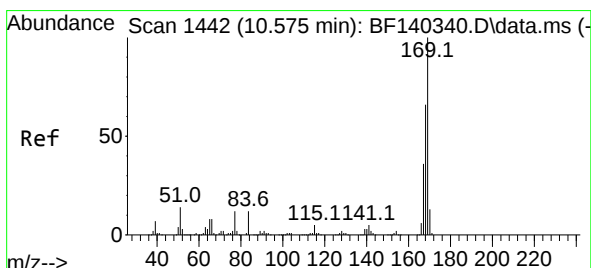
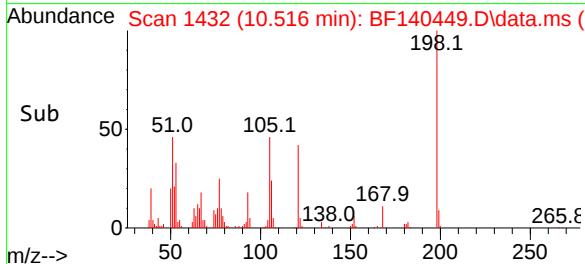
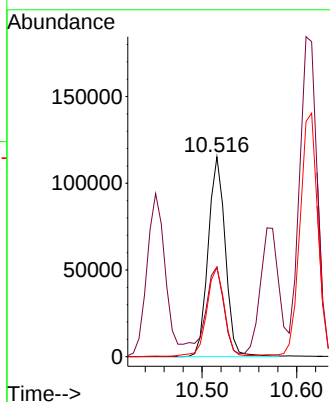
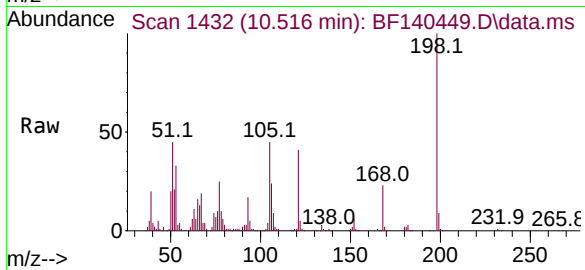
PB164940BS

Tgt Ion:198 Resp: 144140
Ion Ratio Lower Upper
198 100
51 44.9 29.7 69.7
105 44.6 26.3 66.3

Manual Integrations

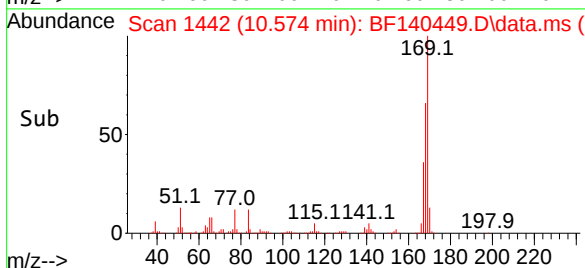
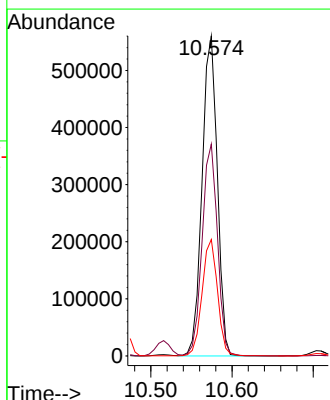
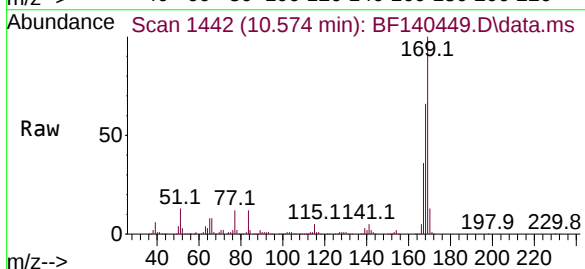
APPROVED

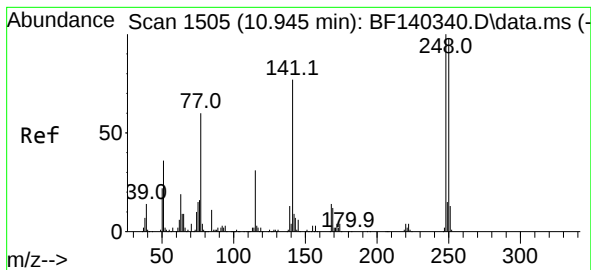
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 45.700 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:169 Resp: 728155
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.4 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 45.152 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

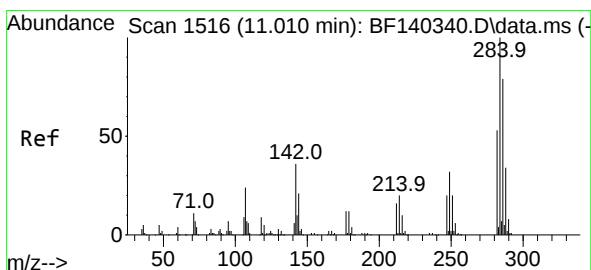
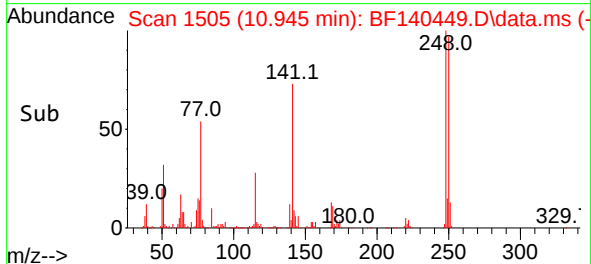
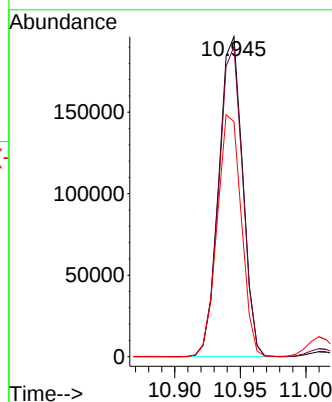
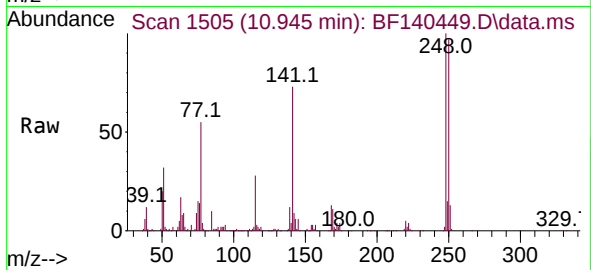
ClientSampleId :

PB164940BS

Tgt Ion:248 Resp: 248898
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 73.4 61.8 92.6

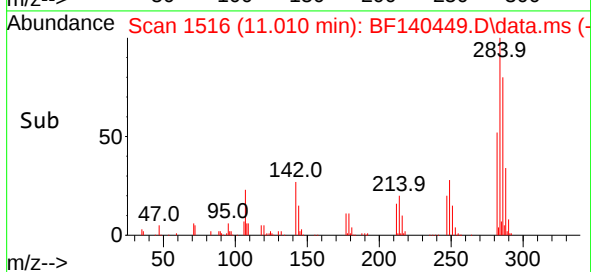
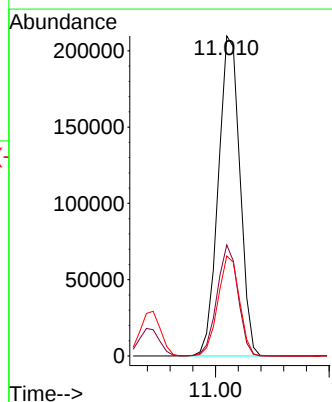
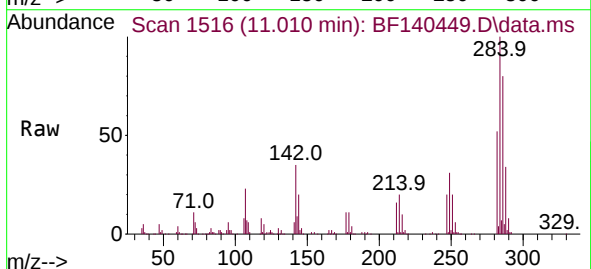
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 44.725 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:284 Resp: 277399
Ion Ratio Lower Upper
284 100
142 34.7 28.1 42.1
249 31.3 24.9 37.3





#69

Atrazine

Concen: 50.127 ng

RT: 11.098 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

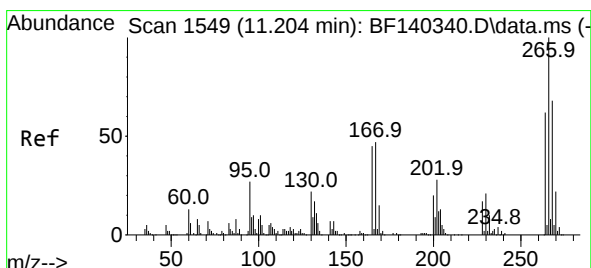
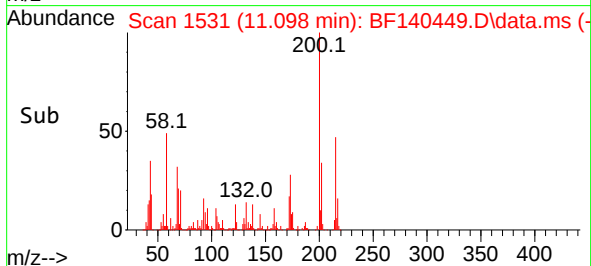
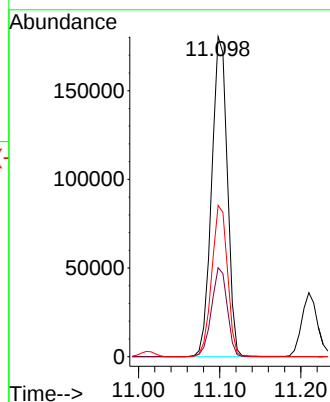
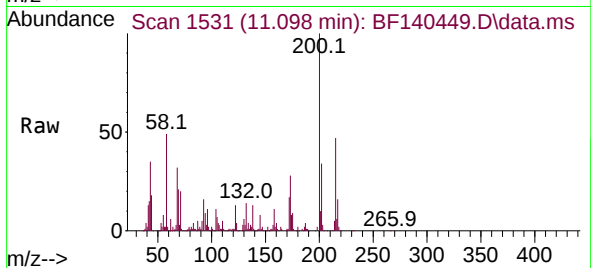
Tgt Ion:200 Resp: 241644
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.6 46.6
 215 47.2 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 83.419 ng

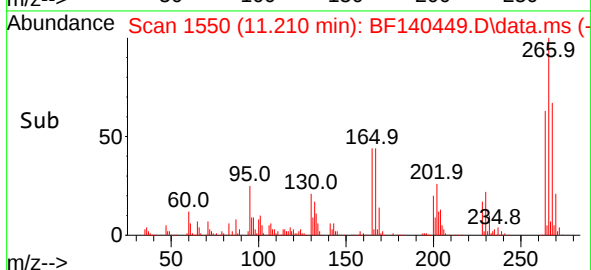
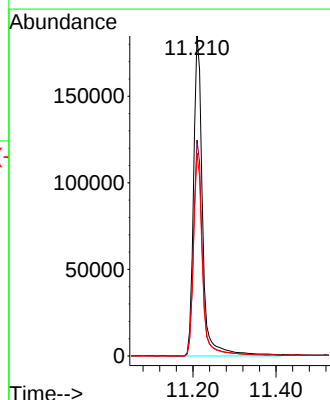
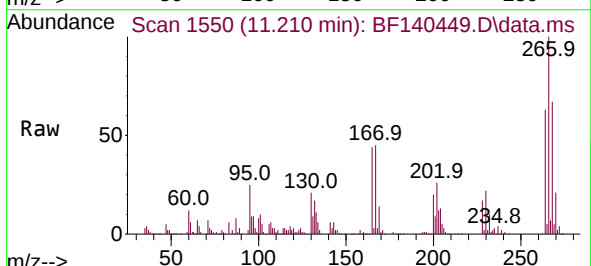
RT: 11.210 min Scan# 1550

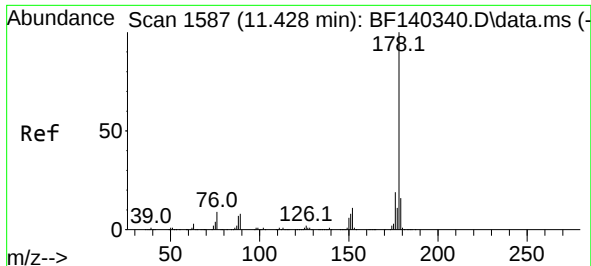
Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:266 Resp: 278698
 Ion Ratio Lower Upper
 266 100
 268 67.5 52.9 79.3
 264 63.4 50.3 75.5





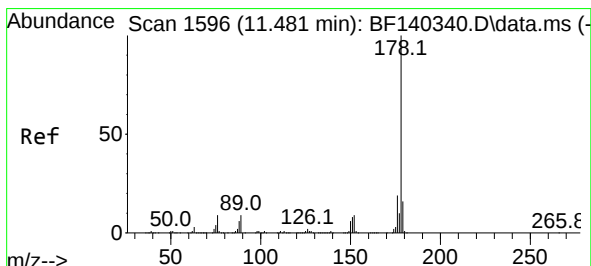
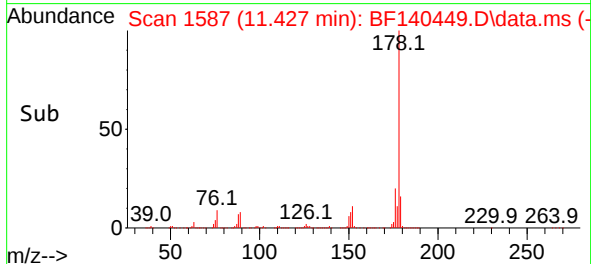
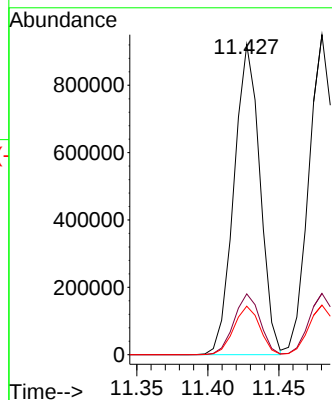
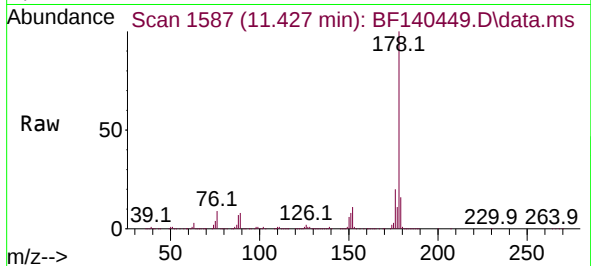
#71
Phenanthrene
Concen: 45.300 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :
BNA_F
ClientSampleId :
PB164940BS

Tgt Ion:178 Resp: 117349
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.4 18.6

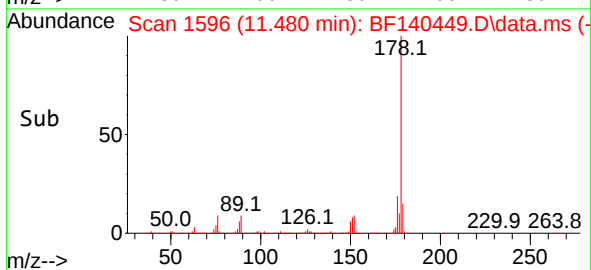
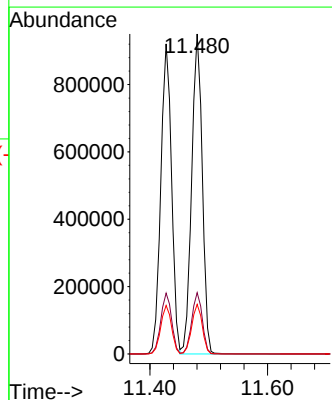
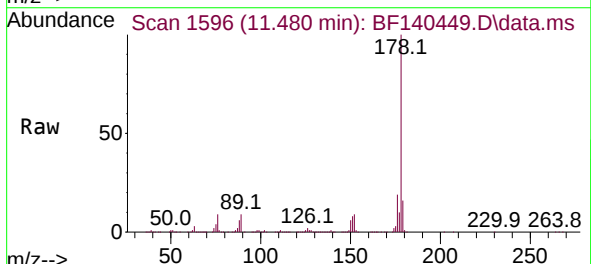
Manual Integrations
APPROVED

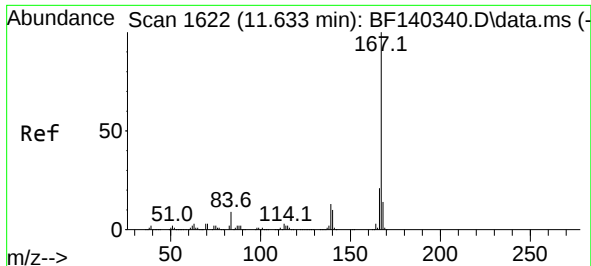
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 46.926 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:178 Resp: 1191380
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.6 18.8





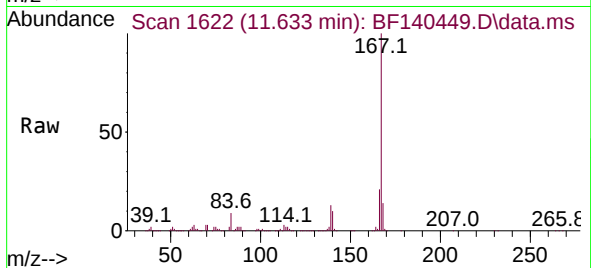
#73
 Carbazole
 Concen: 43.102 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140449.D
 Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



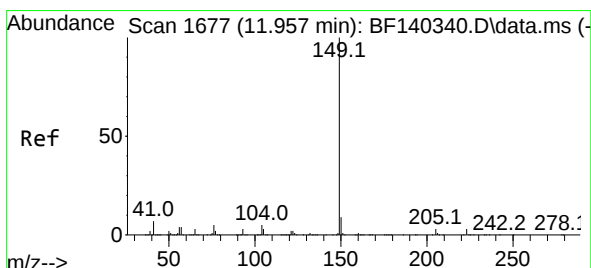
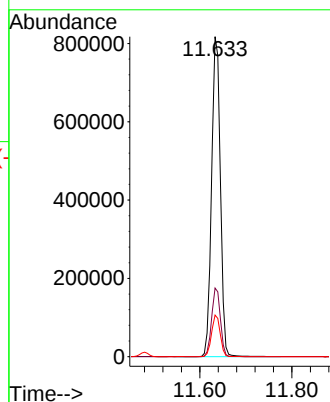
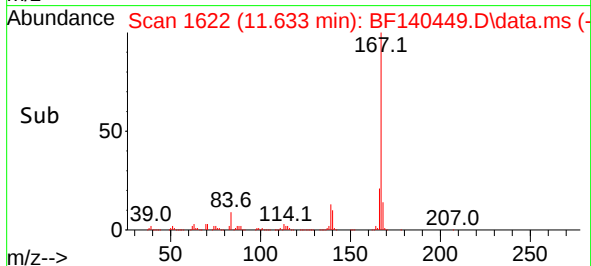
Tgt Ion:167 Resp: 1080500
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.0 10.4 15.6

Manual Integrations

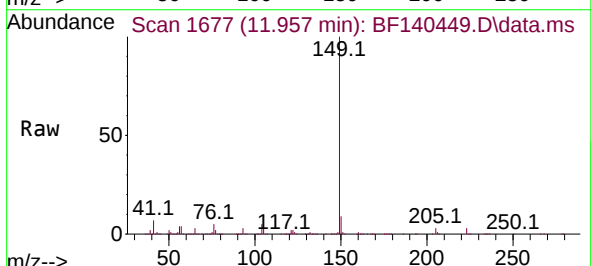
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

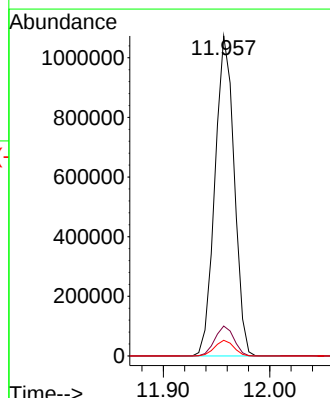
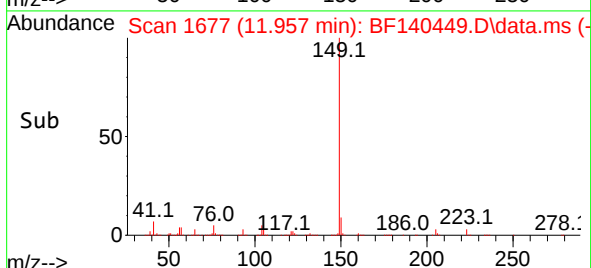
Supervised By :mohammad ahmed 11/19/2024

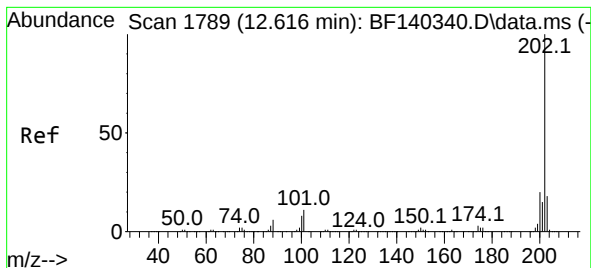


#74
 Di-n-butylphthalate
 Concen: 44.694 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140449.D
 Acq: 18 Nov 2024 12:50



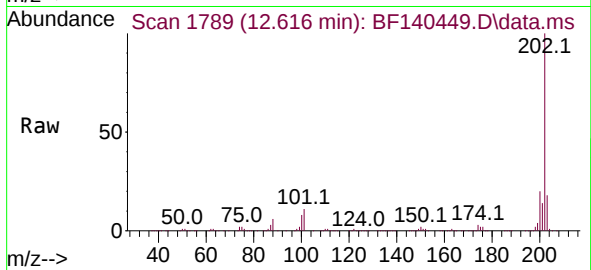
Tgt Ion:149 Resp: 1344754
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 42.519 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

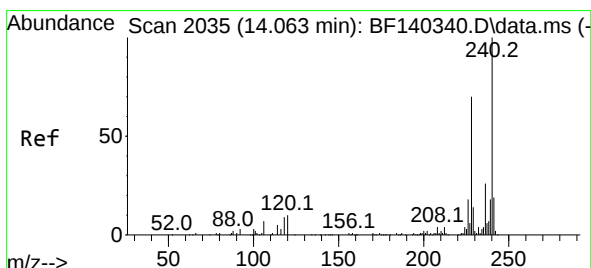
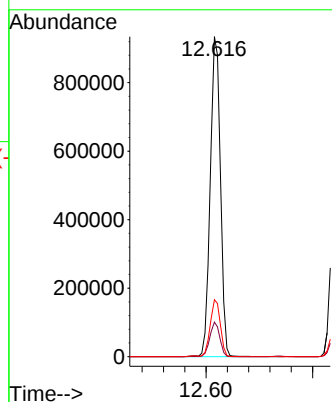
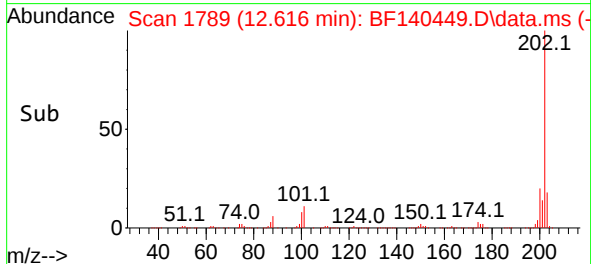
Instrument :
BNA_F
ClientSampleId :
PB164940BS



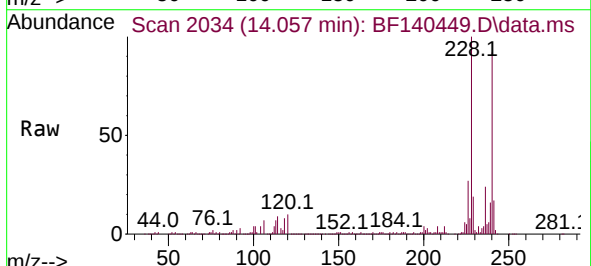
Tgt Ion:202 Resp: 123573
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.8 0.0 37.7

Manual Integrations
APPROVED

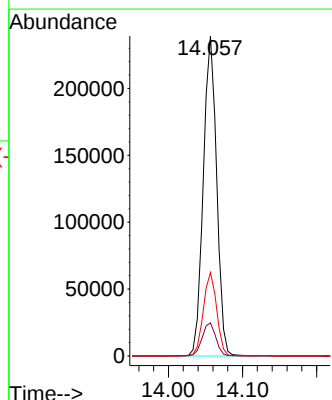
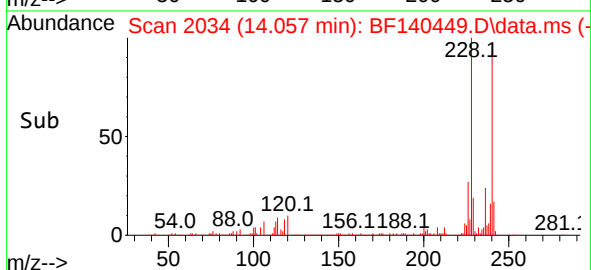
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

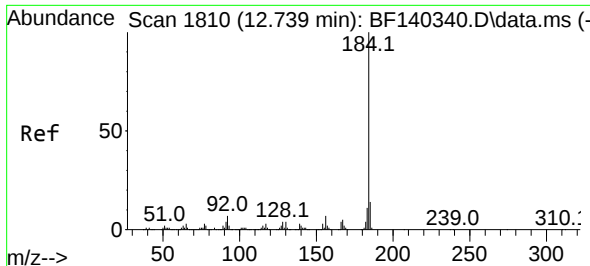


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



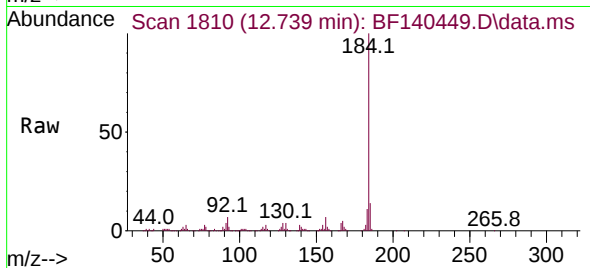
Tgt Ion:240 Resp: 299750
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 27.511 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

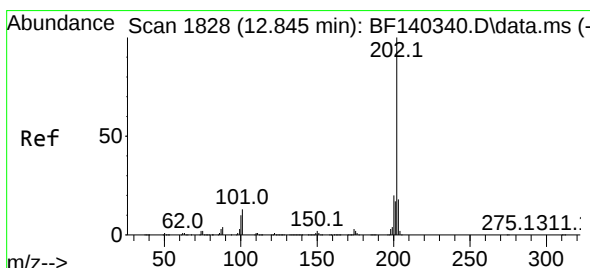
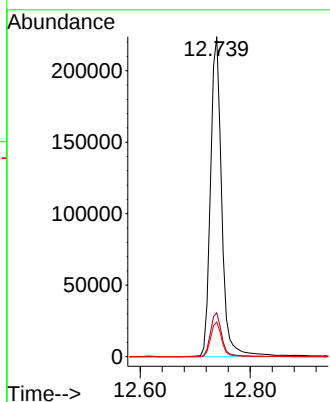
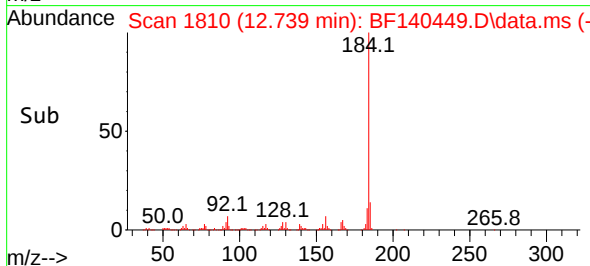
Instrument :
BNA_F
ClientSampleId :
PB164940BS



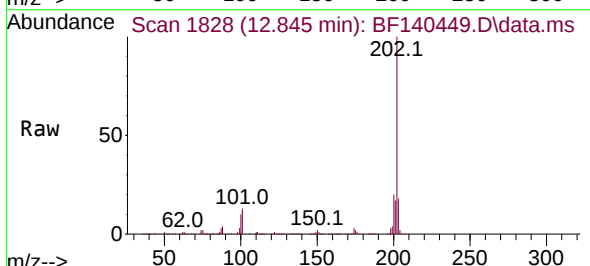
Tgt Ion:184 Resp: 316507
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 10.9 8.6 13.0

Manual Integrations
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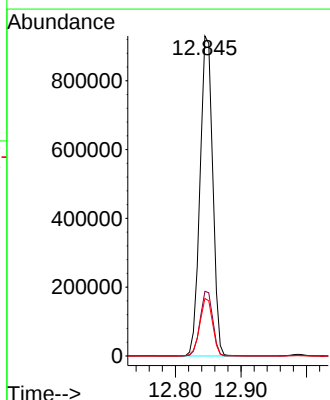
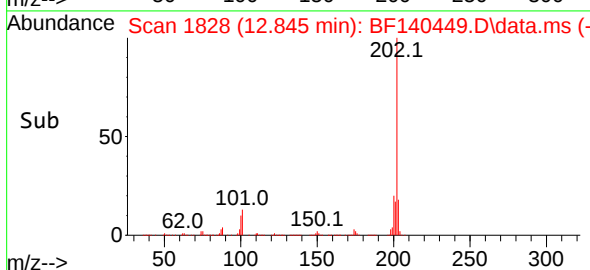
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

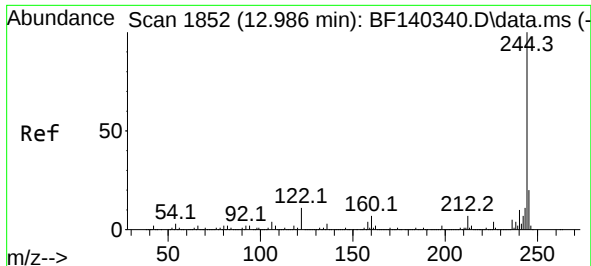


#78
Pyrene
Concen: 49.051 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50



Tgt Ion:202 Resp: 1257665
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.9 14.2 21.4





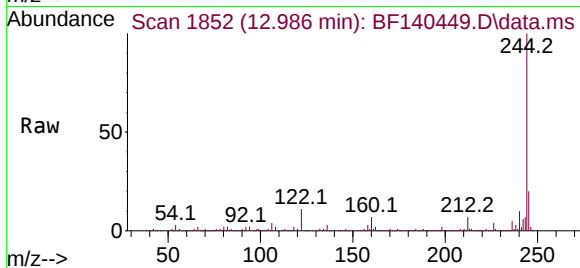
#79
 Terphenyl-d14
 Concen: 98.603 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140449.D
 Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



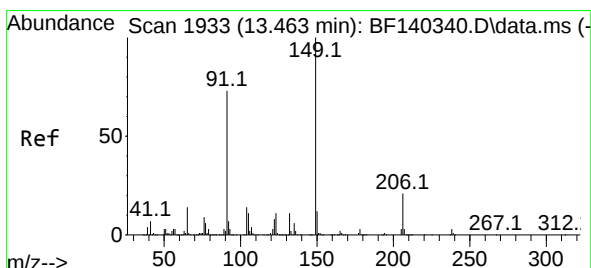
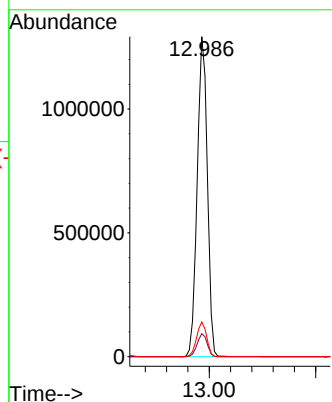
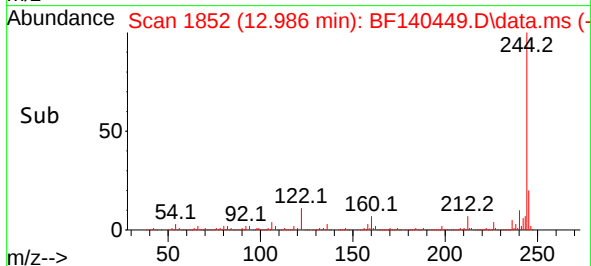
Tgt Ion:244 Resp: 1702760
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.9 8.8 13.2

Manual Integrations

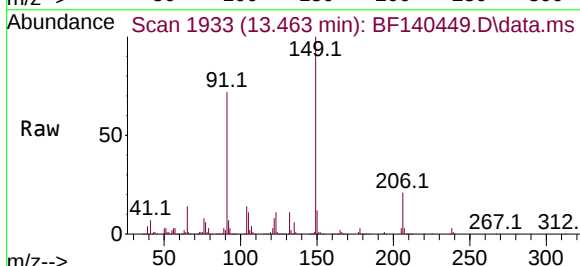
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

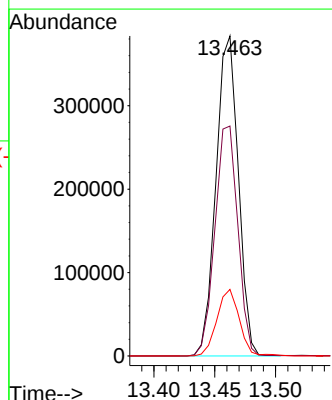
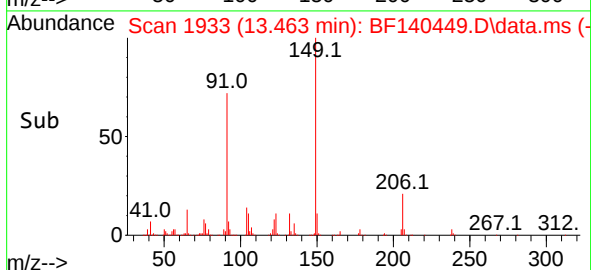
Supervised By :mohammad ahmed 11/19/2024

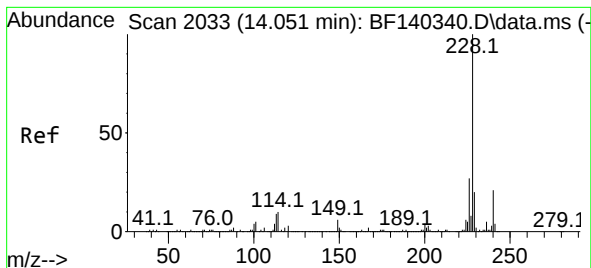


#80
 Butylbenzylphthalate
 Concen: 49.834 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140449.D
 Acq: 18 Nov 2024 12:50



Tgt Ion:149 Resp: 490842
 Ion Ratio Lower Upper
 149 100
 91 71.9 61.0 91.4
 206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.027 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

Tgt Ion:228 Resp: 88705

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

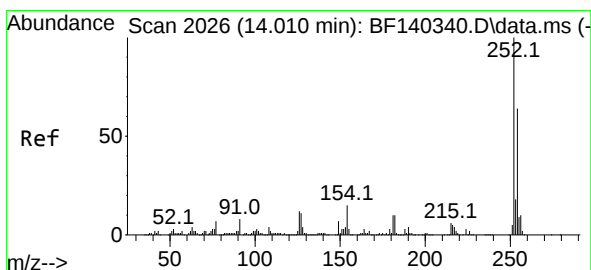
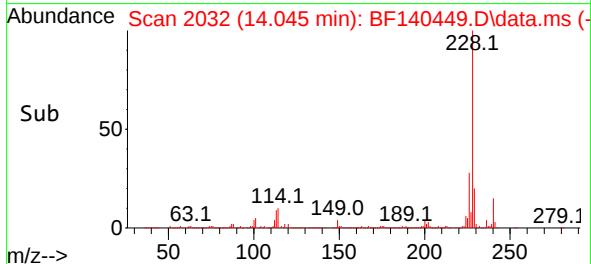
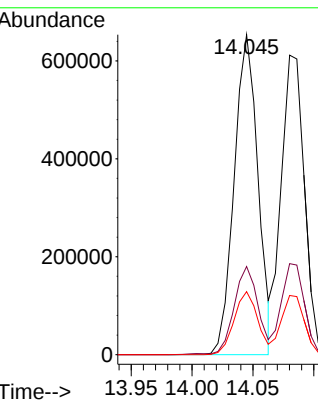
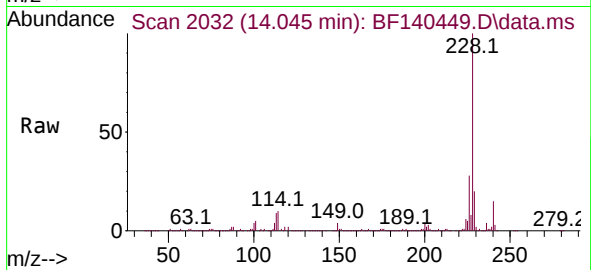
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#82

3,3'-Dichlorobenzidine

Concen: 27.870 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

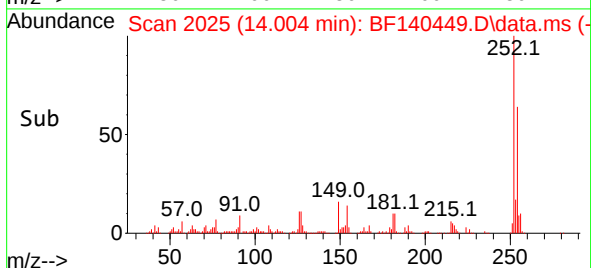
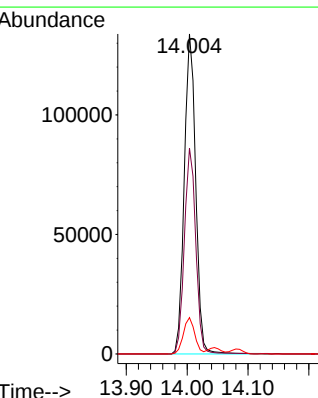
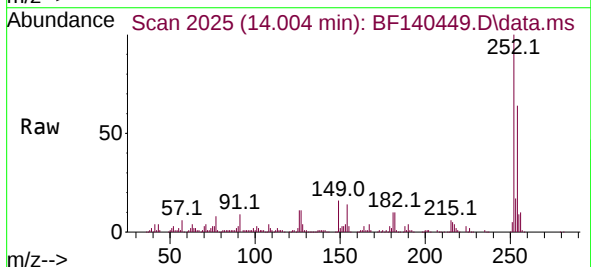
Tgt Ion:252 Resp: 174512

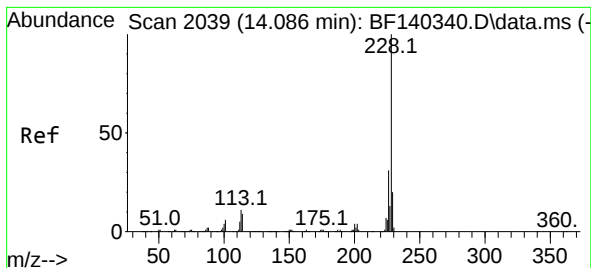
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 11.4 9.4 14.0





#83

Chrysene

Concen: 45.278 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

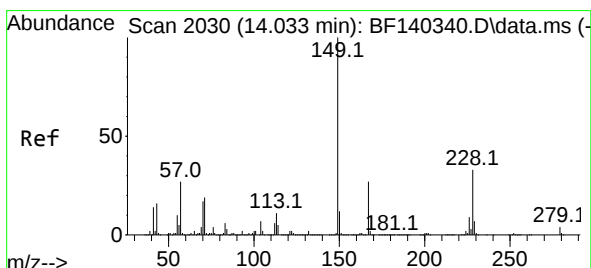
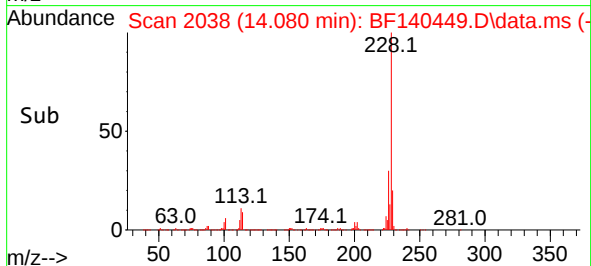
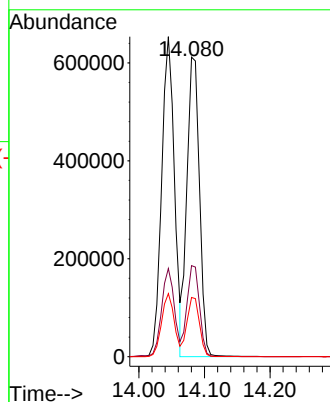
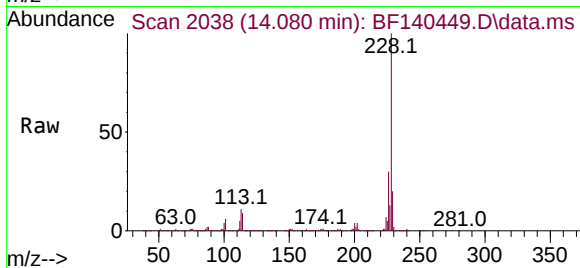
Tgt Ion:	228	Resp:	81386
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	19.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.254 ng

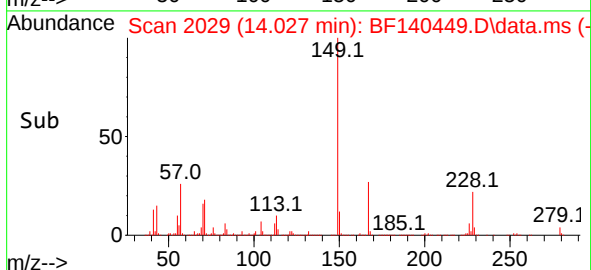
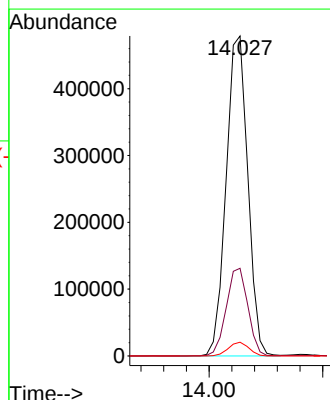
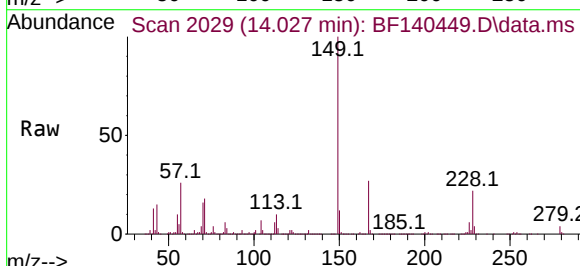
RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:	149	Resp:	634392
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.4	32.0
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 44.427 ng

RT: 14.662 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BF140449.D

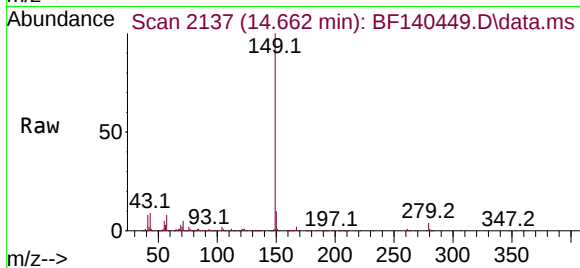
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS



Tgt Ion:149 Resp: 82260

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

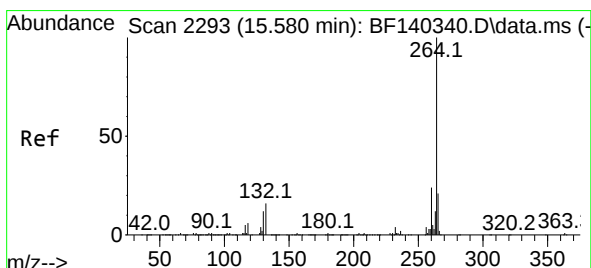
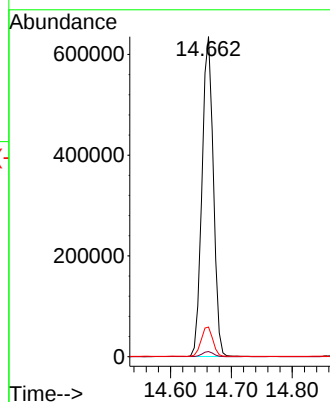
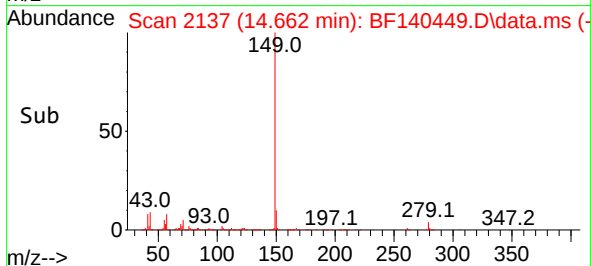
43 9.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

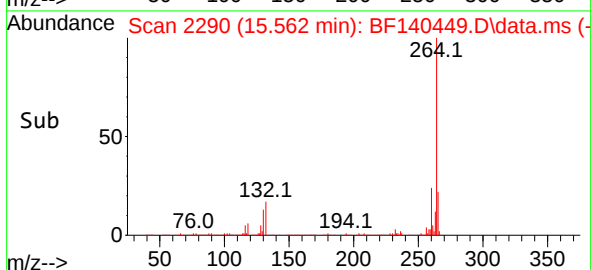
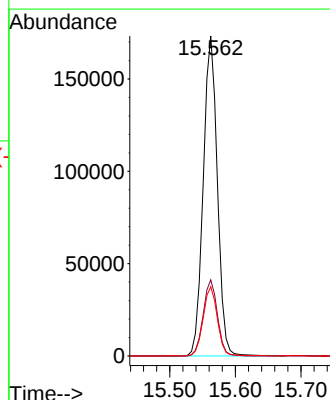
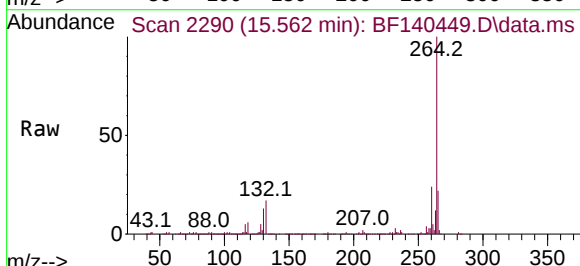
Tgt Ion:264 Resp: 260212

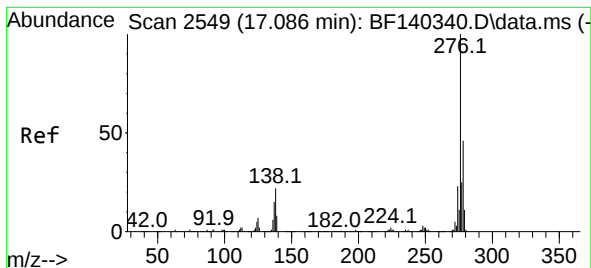
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.997 ng

RT: 17.074 min Scan# 2116

Delta R.T. 0.018 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

Tgt Ion:276 Resp: 83579

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

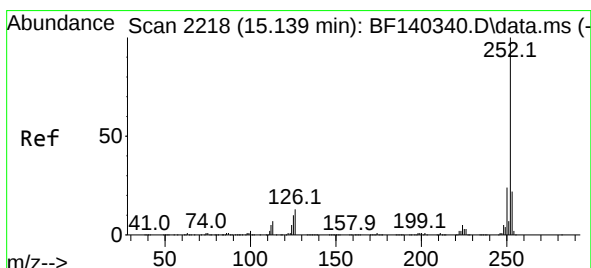
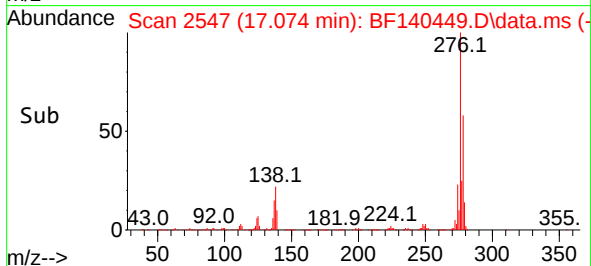
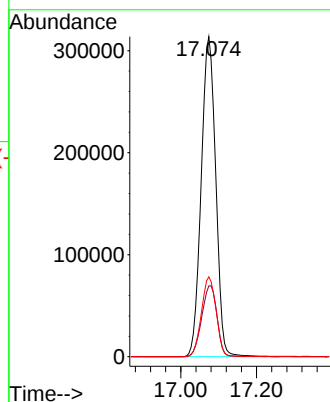
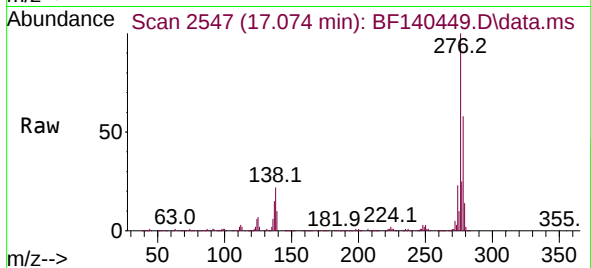
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#88

Benzo(b)fluoranthene

Concen: 40.917 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

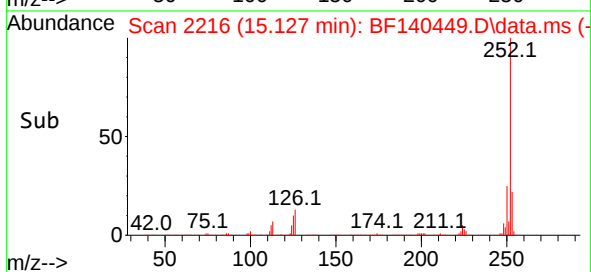
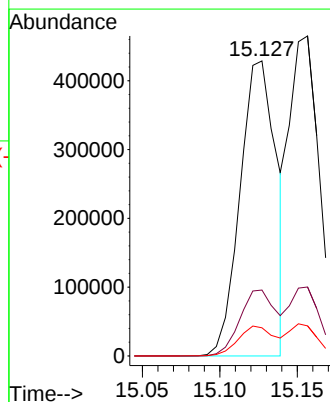
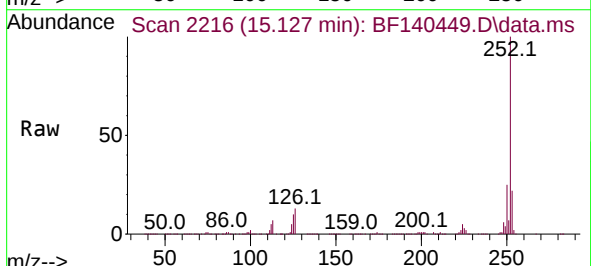
Tgt Ion:252 Resp: 696487

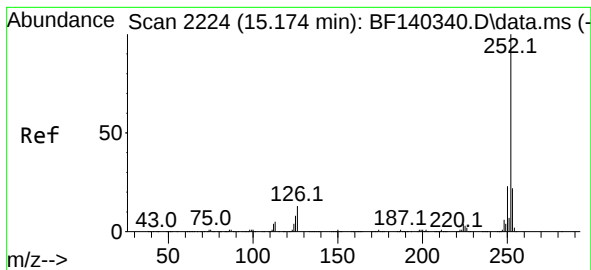
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.363 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

ClientSampleId :

PB164940BS

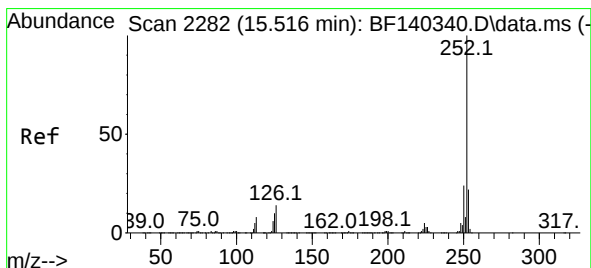
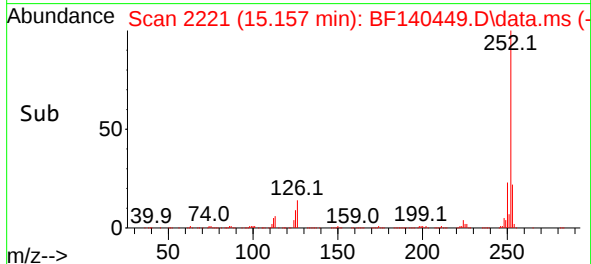
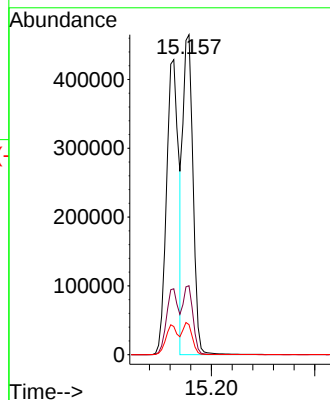
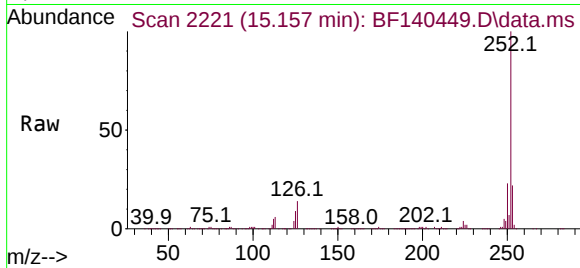
Tgt Ion:252 Resp: 630794
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 9.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#90

Benzo(a)pyrene

Concen: 48.617 ng

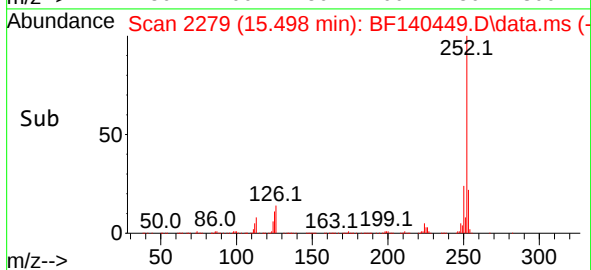
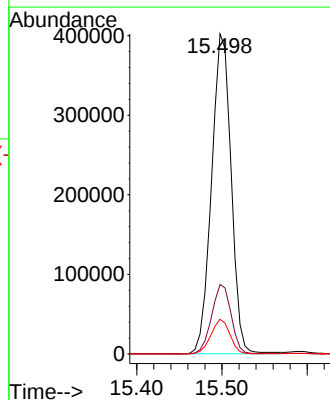
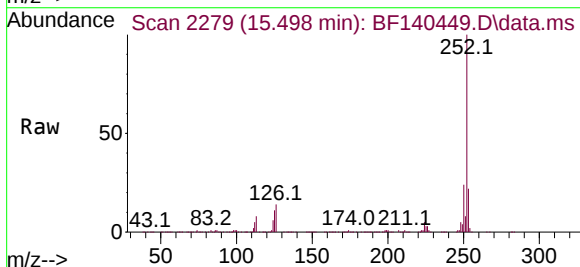
RT: 15.498 min Scan# 2279

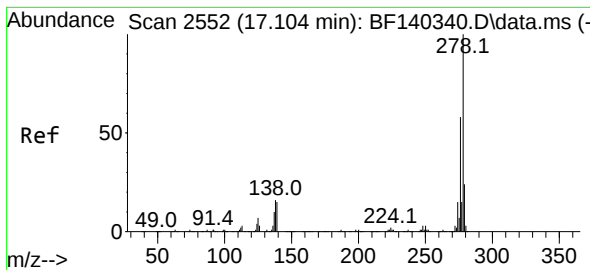
Delta R.T. 0.006 min

Lab File: BF140449.D

Acq: 18 Nov 2024 12:50

Tgt Ion:252 Resp: 642643
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.6
 125 10.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 51.142 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Instrument :

BNA_F

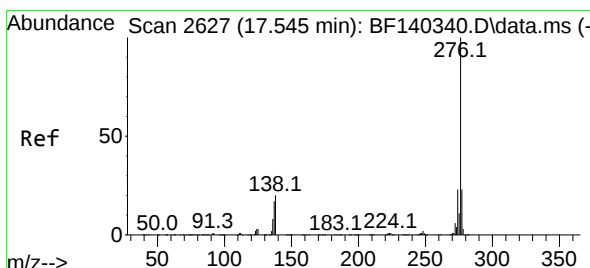
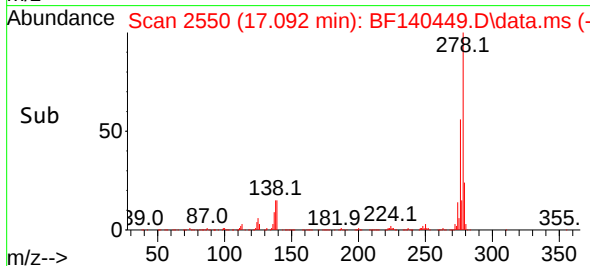
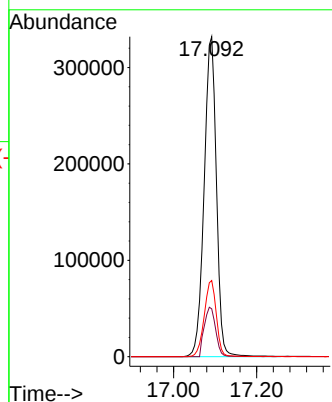
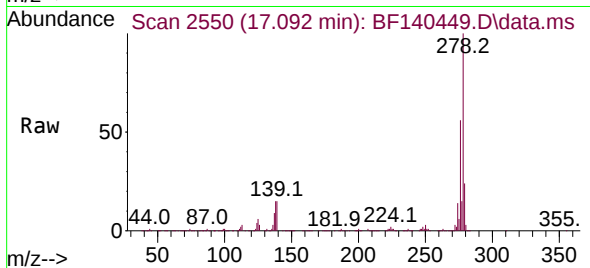
ClientSampleId :

PB164940BS

Tgt Ion:278 Resp: 679502
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.8
279 23.8 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#92
Benzo(g,h,i)perylene
Concen: 46.363 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.018 min
Lab File: BF140449.D
Acq: 18 Nov 2024 12:50

Tgt Ion:276 Resp: 629771
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 20.3 16.0 24.0

