

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140992.D
 Acq On : 27 Dec 2024 13:07
 Operator : RC/JU
 Sample : PB165845BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165845BS

Quant Time: Dec 27 13:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	237476	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	956660	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	508461	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	852780	20.000	ng	0.00
76) Chrysene-d12	13.986	240	597621	20.000	ng	0.00
86) Perylene-d12	15.439	264	491502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2326498	147.674	ng	0.01
7) Phenol-d6	6.451	99	2992516	147.452	ng	0.00
23) Nitrobenzene-d5	7.392	82	1828432	122.279	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	832297	168.456	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3223816	101.017	ng	0.00
79) Terphenyl-d14	12.933	244	3631038	100.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	316751	44.410	ng	99
3) Pyridine	3.404	79	834212	47.859	ng	99
4) n-Nitrosodimethylamine	3.351	42	454126	51.420	ng	99
6) Aniline	6.487	93	799813	44.188	ng	98
8) 2-Chlorophenol	6.610	128	888865	53.514	ng	98
9) Benzaldehyde	6.375	77	179402	12.365	ng	98
10) Phenol	6.469	94	1101010	52.466	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	834457	49.247	ng	100
12) 1,3-Dichlorobenzene	6.769	146	889074	48.502	ng	99
13) 1,4-Dichlorobenzene	6.845	146	902205	48.823	ng	99
14) 1,2-Dichlorobenzene	6.998	146	863622	50.125	ng	99
15) Benzyl Alcohol	6.969	79	758724	52.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1342841	52.404	ng	100
17) 2-Methylphenol	7.075	107	720182	52.191	ng	99
18) Hexachloroethane	7.339	117	328695	50.072	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	628882	50.581	ng	99
20) 3+4-Methylphenols	7.228	107	887918	50.848	ng	93
22) Acetophenone	7.239	105	1164427	49.617	ng	99
24) Nitrobenzene	7.410	77	917966	54.940	ng	98
25) Isophorone	7.651	82	1668522	51.278	ng	100
26) 2-Nitrophenol	7.728	139	401624	57.478	ng	99
27) 2,4-Dimethylphenol	7.757	122	723591	60.848	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1025674	49.752	ng	100
29) 2,4-Dichlorophenol	7.963	162	697158	51.691	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	729887	47.814	ng	99
31) Naphthalene	8.133	128	2471273	49.023	ng	100
32) Benzoic acid	7.869	122	503097	50.862	ng	97
33) 4-Chloroaniline	8.175	127	293273	16.081	ng	99
34) Hexachlorobutadiene	8.251	225	431560	47.955	ng	99
35) Caprolactam	8.539	113	233078m	50.835	ng	
36) 4-Chloro-3-methylphenol	8.651	107	759652	50.717	ng	99
37) 2-Methylnaphthalene	8.822	142	1594390	49.440	ng	100
38) 1-Methylnaphthalene	8.922	142	1495200	47.176	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	693928	49.608	ng	99
41) Hexachlorocyclopentadiene	8.975	237	843032	181.861	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	512127	55.008	ng	99

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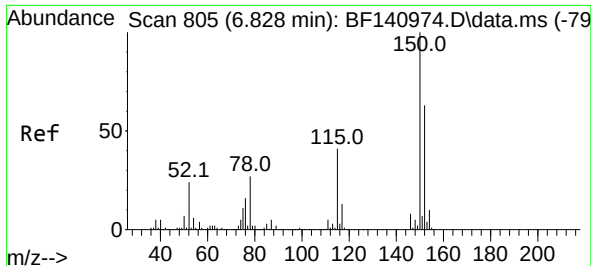
Manual Integrations
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Quant Time: Dec 27 13:39:58 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	483800	50.788	ng	99
46) 1,1'-Biphenyl	9.286	154	1948058	50.037	ng	100
47) 2-Chloronaphthalene	9.310	162	1469777	48.676	ng	100
48) 2-Nitroaniline	9.404	65	458643	57.089	ng	95
49) Acenaphthylene	9.727	152	2284825	52.565	ng	100
50) Dimethylphthalate	9.586	163	1720580	51.445	ng	100
51) 2,6-Dinitrotoluene	9.645	165	374454	54.375	ng	99
52) Acenaphthene	9.898	154	1622020	55.197	ng	99
53) 3-Nitroaniline	9.810	138	230474	32.223	ng	# 96
54) 2,4-Dinitrophenol	9.916	184	308206	101.093	ng	# 1
55) Dibenzofuran	10.069	168	2067677	50.068	ng	100
56) 4-Nitrophenol	9.969	139	666358	116.476	ng	95
57) 2,4-Dinitrotoluene	10.051	165	491160	57.830	ng	98
58) Fluorene	10.410	166	1561605	48.764	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	430838	54.610	ng	99
60) Diethylphthalate	10.286	149	1649179	49.948	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	747927	48.538	ng	99
62) 4-Nitroaniline	10.427	138	396300	53.099	ng	95
63) Azobenzene	10.563	77	1749377	50.478	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	217215	60.793	ng	99
66) n-Nitrosodiphenylamine	10.522	169	1437255	53.521	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	490534	53.211	ng	99
68) Hexachlorobenzene	10.957	284	531956	52.332	ng	100
69) Atrazine	11.051	200	483104	64.396	ng	99
70) Pentachlorophenol	11.151	266	660595	104.378	ng	99
71) Phenanthrene	11.374	178	2365361	52.701	ng	100
72) Anthracene	11.421	178	2395731	54.474	ng	100
73) Carbazole	11.574	167	2138020	50.570	ng	100
74) Di-n-butylphthalate	11.916	149	2474103	51.450	ng	100
75) Fluoranthene	12.557	202	2422076	49.757	ng	100
77) Benzidine	12.680	184	624374	49.435	ng	98
78) Pyrene	12.786	202	2511217	48.046	ng	100
80) Butylbenzylphthalate	13.410	149	997737	52.278	ng	97
81) Benzo(a)anthracene	13.974	228	2007470	48.198	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	328902	26.283	ng	99
83) Chrysene	14.015	228	1920247	51.143	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1247822	50.404	ng	99
85) Di-n-octyl phthalate	14.592	149	1974999	55.120	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1693821	54.700	ng	99
88) Benzo(b)fluoranthene	15.021	252	1637731	47.776	ng	99
89) Benzo(k)fluoranthene	15.051	252	1599717	59.542	ng	100
90) Benzo(a)pyrene	15.380	252	1483916	55.772	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	1369852	54.573	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1271204	48.828	ng	99

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



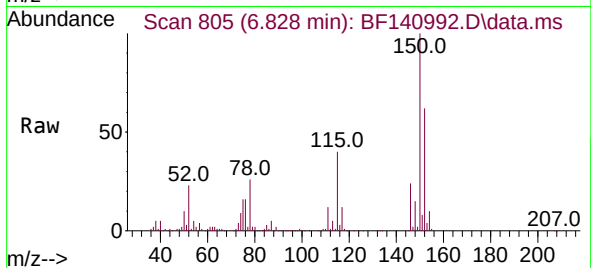
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

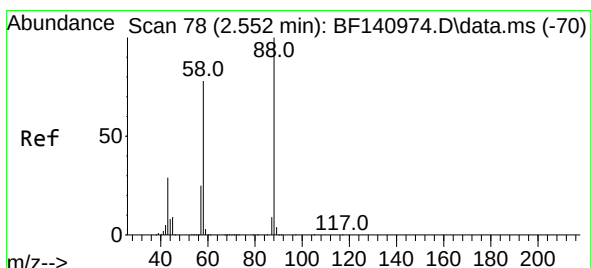
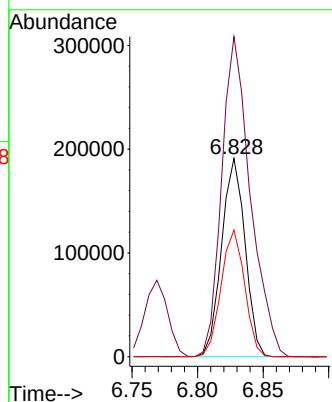
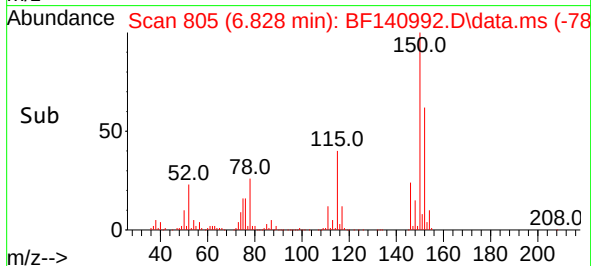


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Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 63.8 51.7 77.5

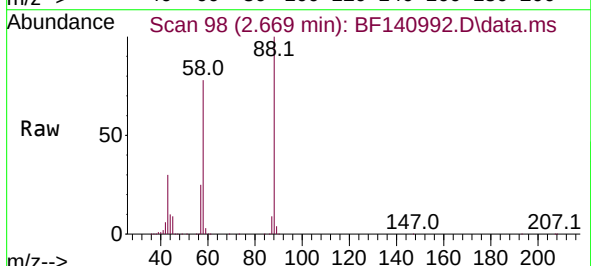
Manual Integrations

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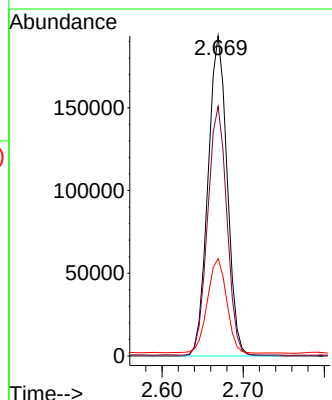
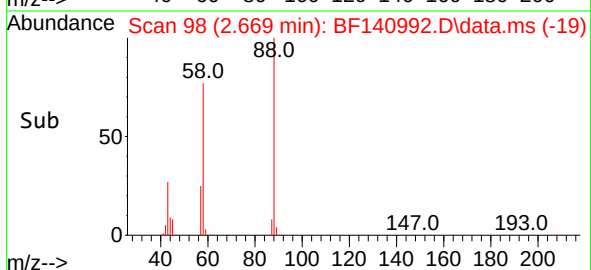
Reviewed By :Yogesh Patel 12/30/2024
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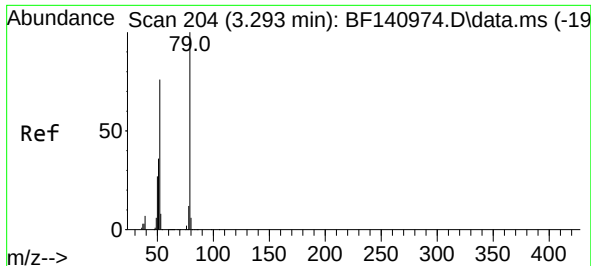


#2
1,4-Dioxane
Concen: 44.410 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.118 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



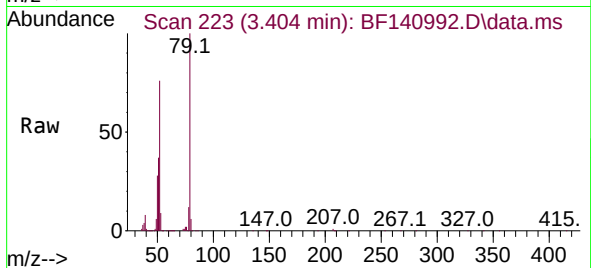
Tgt Ion: 88 Resp: 316751
Ion Ratio Lower Upper
88 100
58 78.0 63.0 94.4
43 29.8 23.4 35.2





#3
Pyridine
Concen: 47.859 ng
RT: 3.404 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

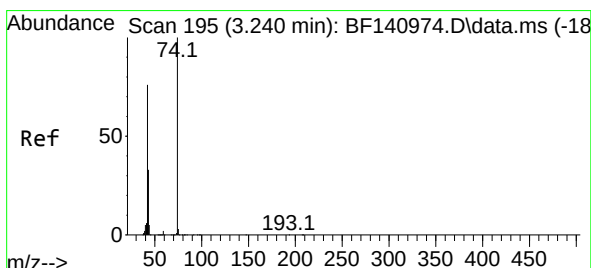
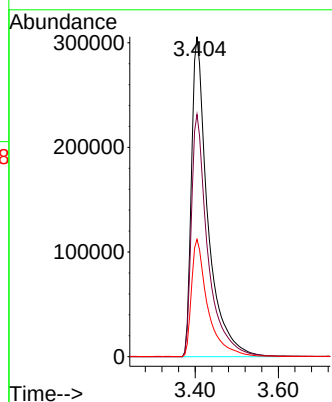
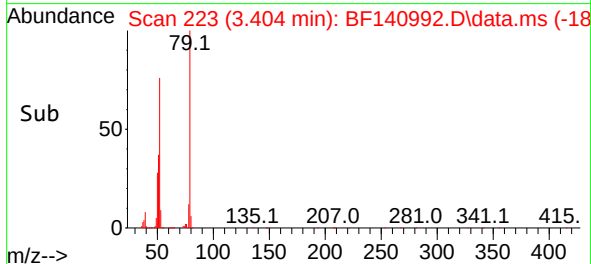
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BNA_F
ClientSampleId :
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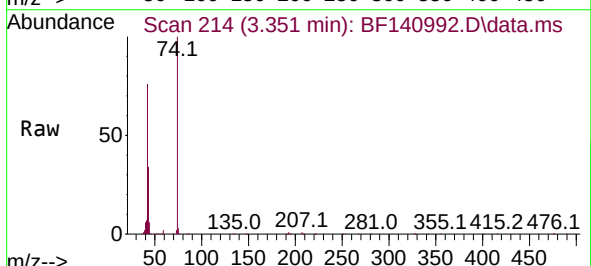
Tgt Ion: 79 Resp: 834212
Ion Ratio Lower Upper
79 100
52 75.7 60.4 90.6
51 36.7 28.8 43.2

Manual Integrations
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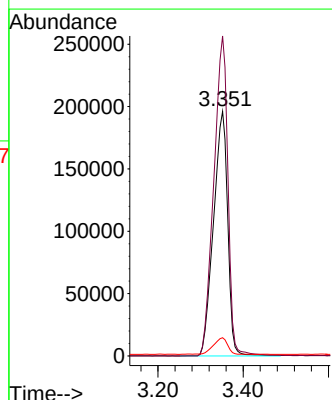
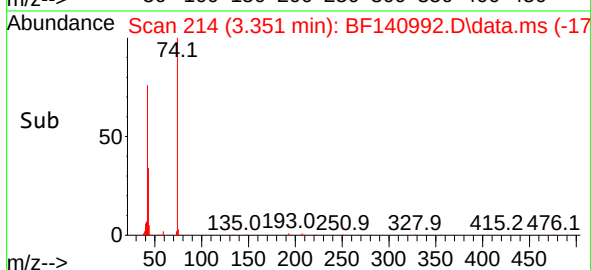
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

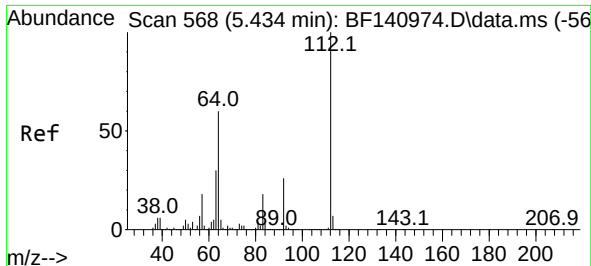


#4
n-Nitrosodimethylamine
Concen: 51.420 ng
RT: 3.351 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion: 42 Resp: 454126
Ion Ratio Lower Upper
42 100
74 130.8 105.8 158.6
44 7.4 6.6 10.0





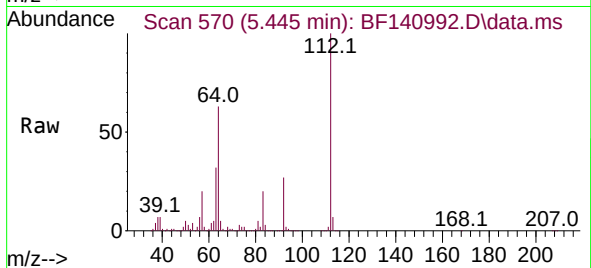
#5
2-Fluorophenol
Concen: 147.674 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

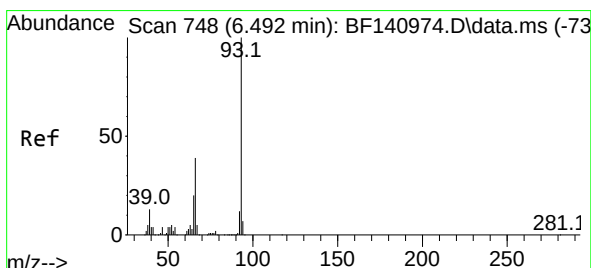
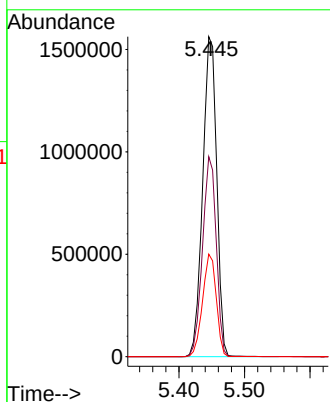
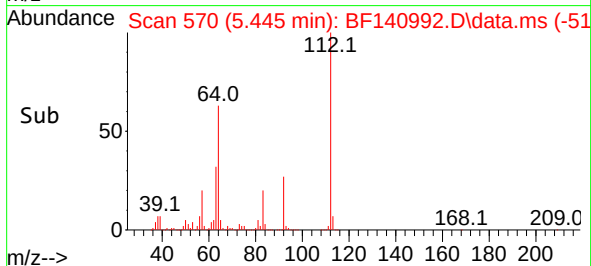
PB165845BS



Tgt Ion:112 Resp: 2326498
Ion Ratio Lower Upper
112 100
64 62.5 47.7 71.5
63 32.1 24.2 36.2

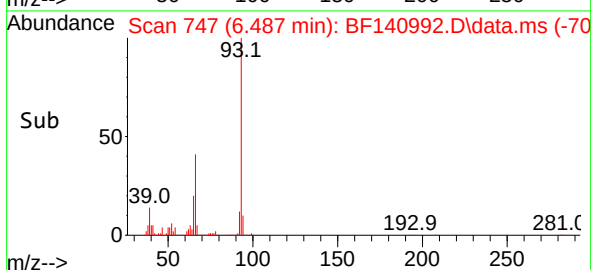
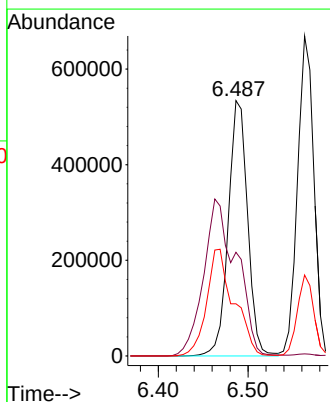
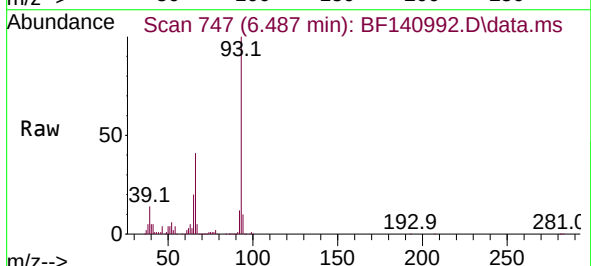
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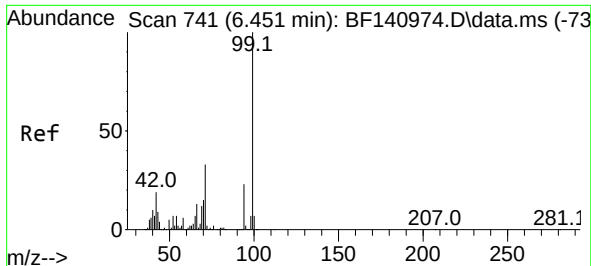
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 44.188 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

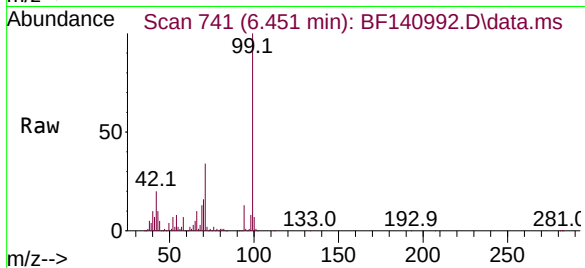
Tgt Ion: 93 Resp: 799813
Ion Ratio Lower Upper
93 100
66 40.6 31.8 47.8
65 20.4 15.4 23.0





#7
Phenol-d6
Concen: 147.452 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

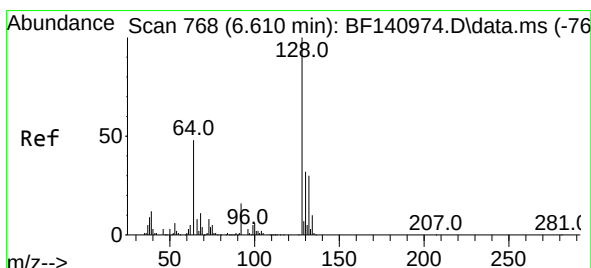
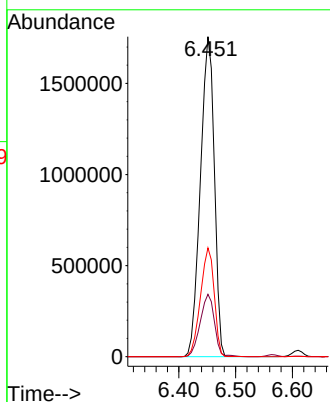
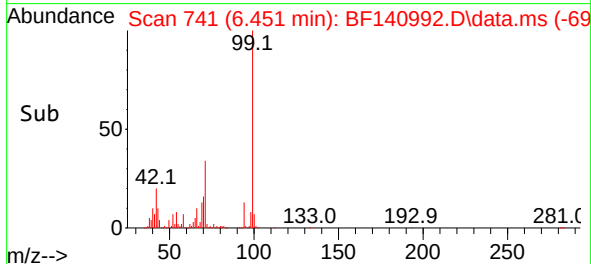
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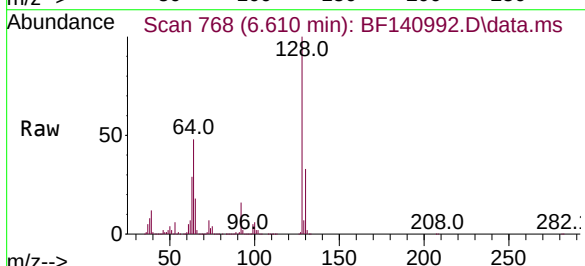
Tgt Ion: 99 Resp: 2992510
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 34.0 26.2 39.2

Manual Integrations
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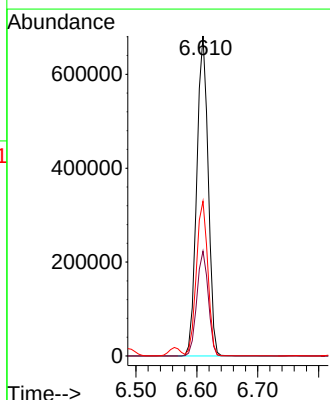
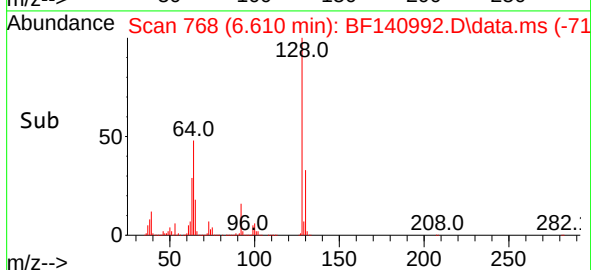
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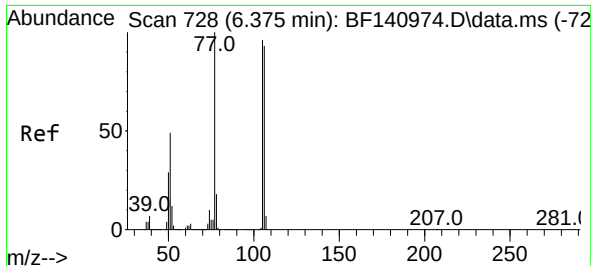


#8
2-Chlorophenol
Concen: 53.514 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



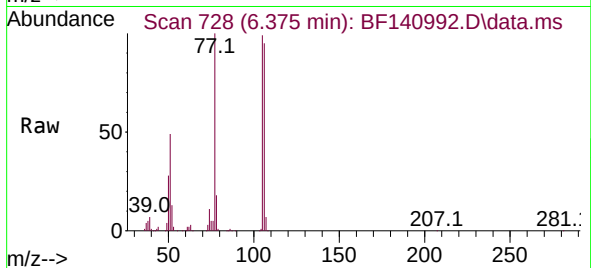
Tgt Ion:128 Resp: 888865
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.4 30.3 70.3





#9
Benzaldehyde
Concen: 12.365 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

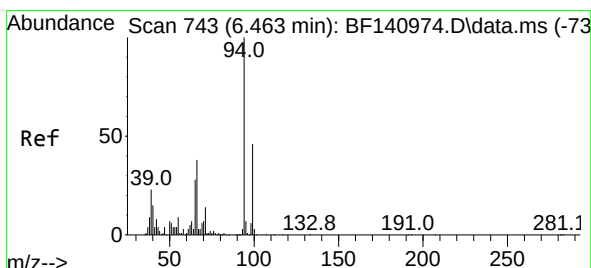
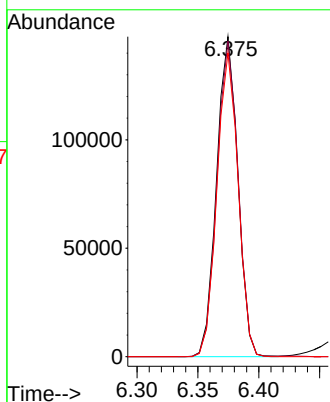
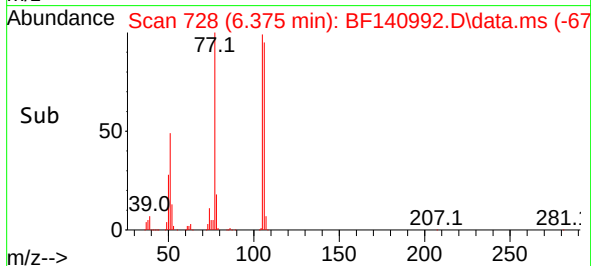
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 77 Resp: 17940
Ion Ratio Lower Upper
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105 98.6 76.2 116.2
106 94.9 73.4 113.4

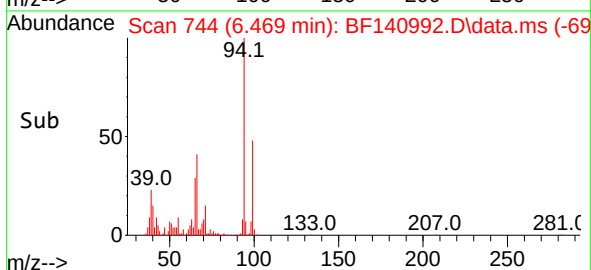
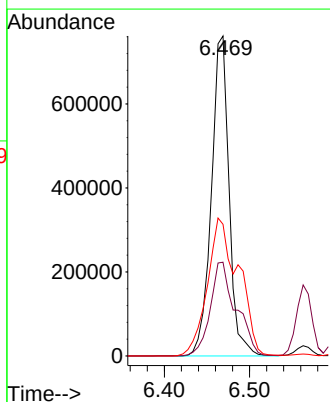
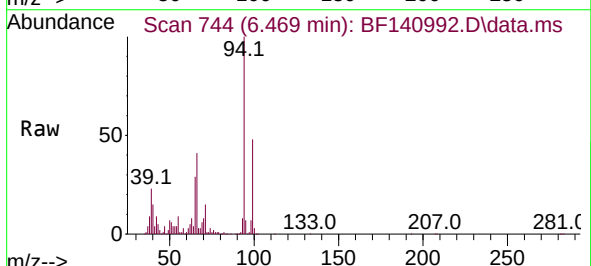
Manual Integrations
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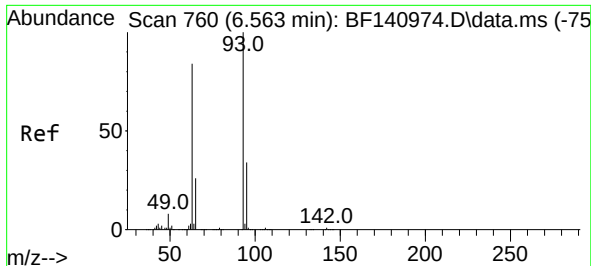
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Phenol
Concen: 52.466 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

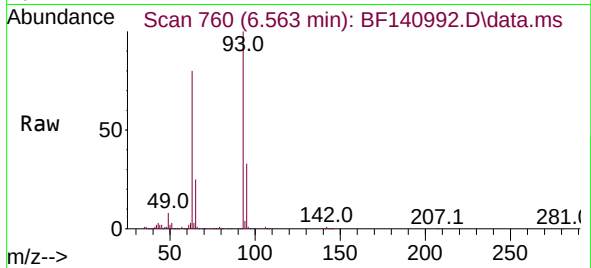
Tgt Ion: 94 Resp: 1101010
Ion Ratio Lower Upper
94 100
65 29.3 8.1 48.1
66 41.2 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 49.247 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

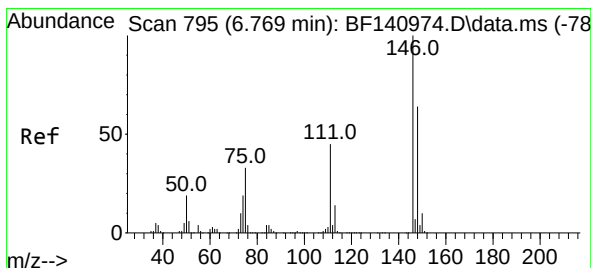
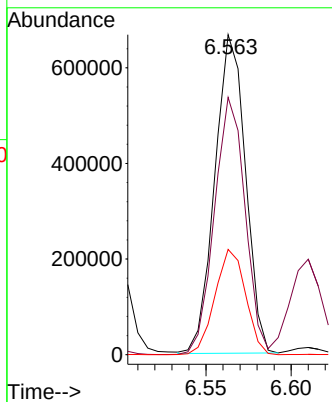
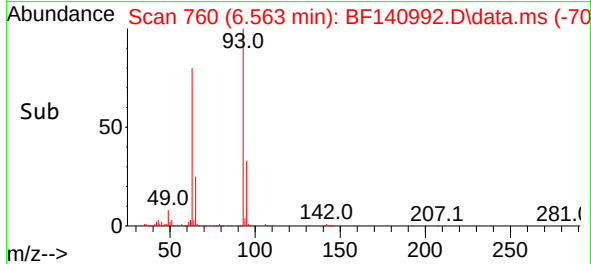
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 93 Resp: 83445
Ion Ratio Lower Upper
93 100
63 80.4 60.3 100.3
95 32.9 12.2 52.2

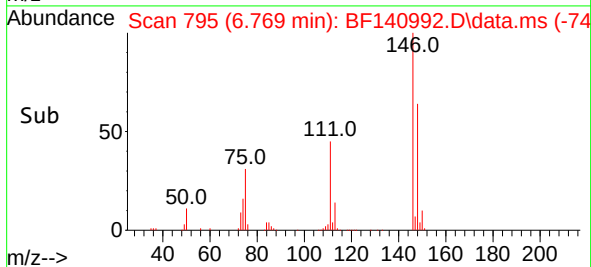
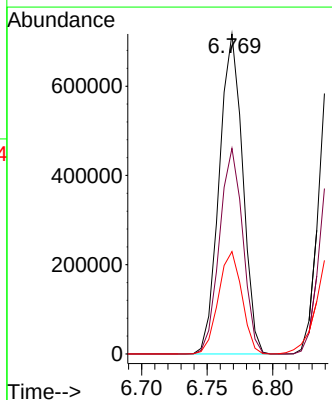
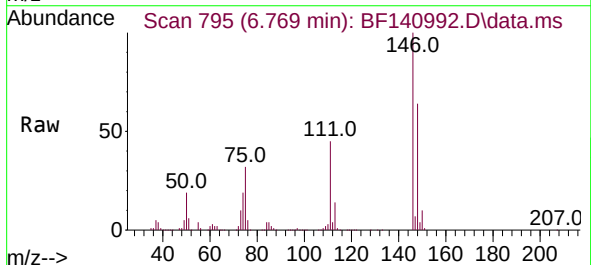
Manual Integrations
APPROVED

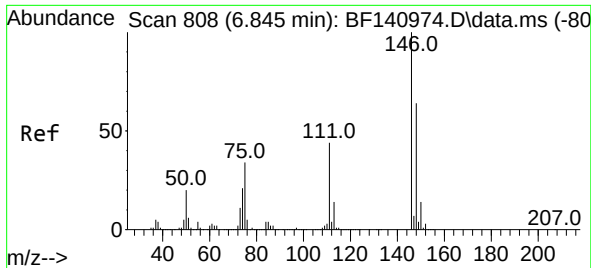
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
1,3-Dichlorobenzene
Concen: 48.502 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:146 Resp: 889074
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 32.0 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 48.823 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

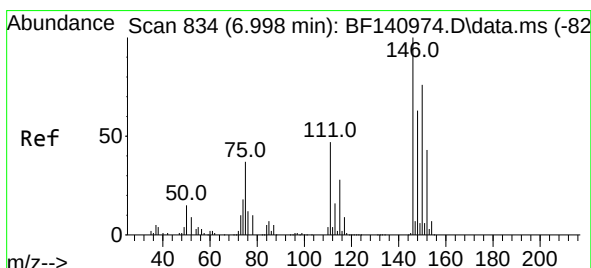
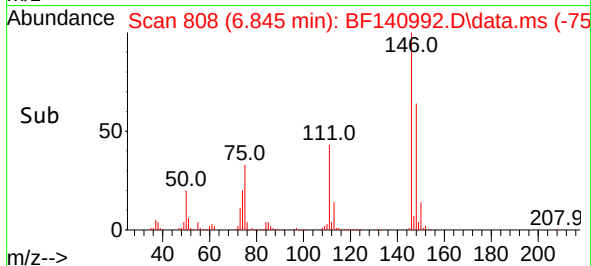
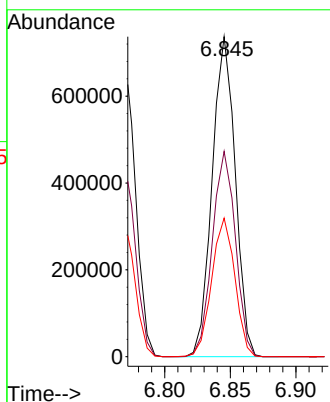
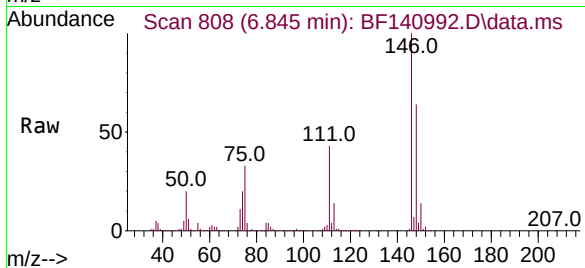
ClientSampleId :

PB165845BS

Tgt Ion:146 Resp: 902208
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 43.3 35.3 52.9

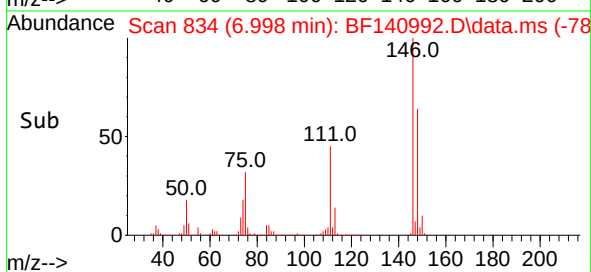
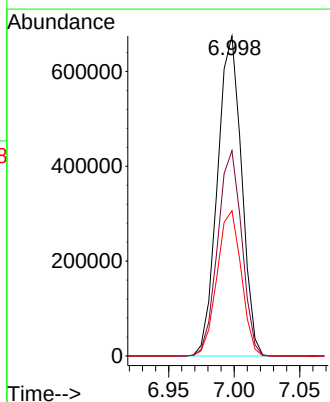
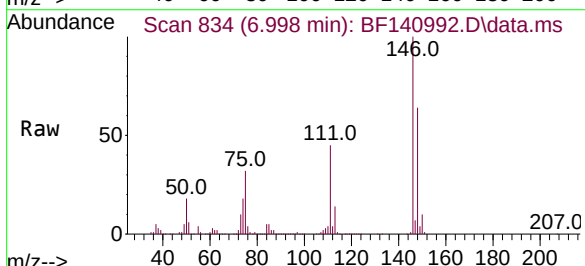
Manual Integrations
APPROVED

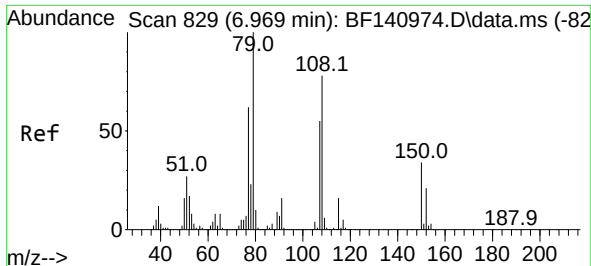
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
1,2-Dichlorobenzene
Concen: 50.125 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

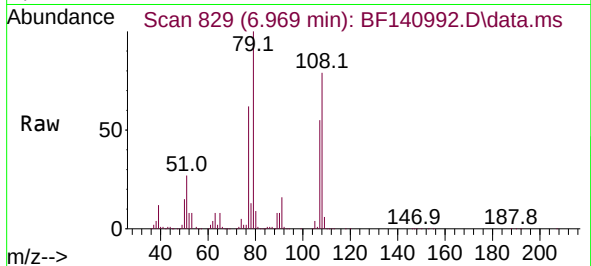
Tgt Ion:146 Resp: 863622
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
111 45.4 37.3 55.9





#15
Benzyl Alcohol
Concen: 52.025 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

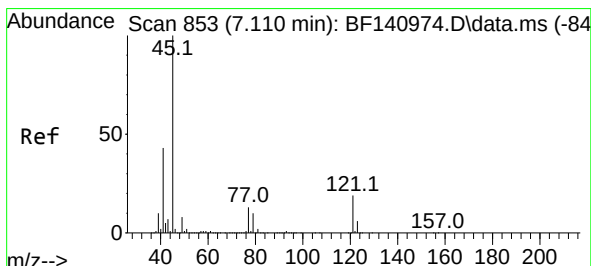
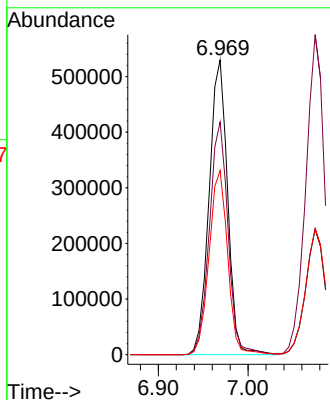
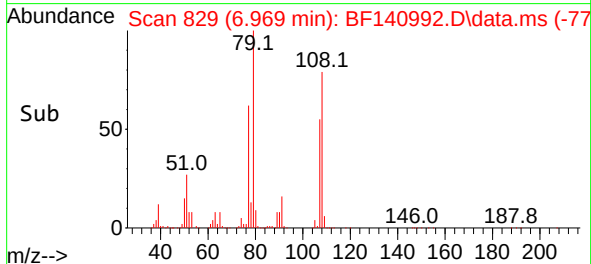
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 79 Resp: 758724
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 62.5 49.3 73.9

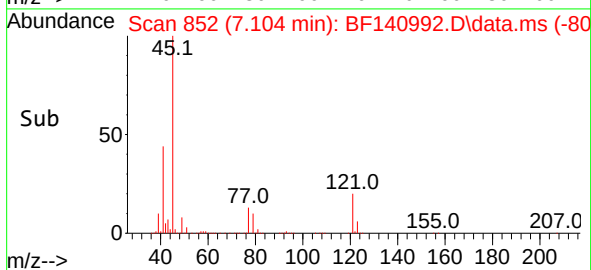
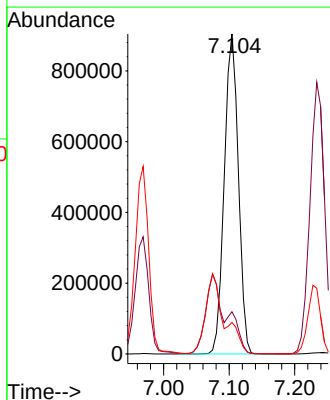
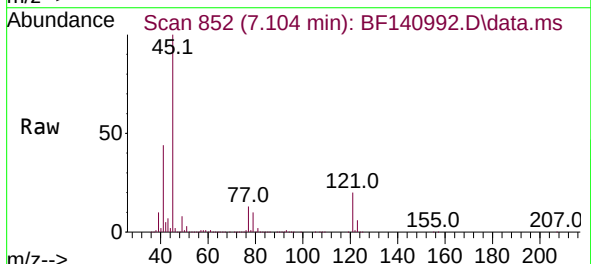
Manual Integrations
APPROVED

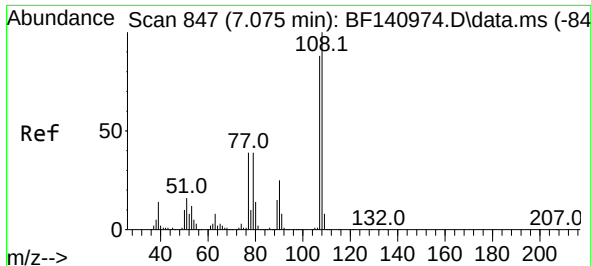
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.404 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion: 45 Resp: 1342841
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 9.9 0.0 30.1





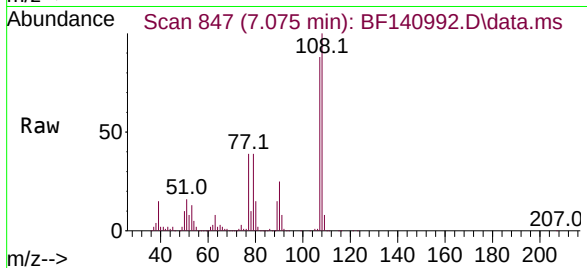
#17
2-Methylphenol
Concen: 52.191 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



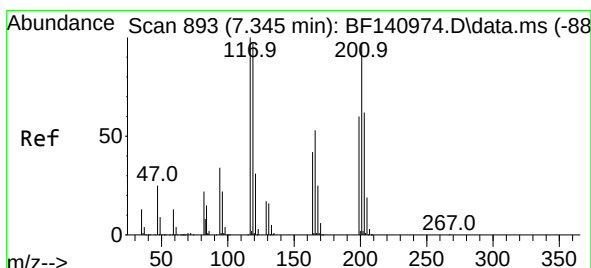
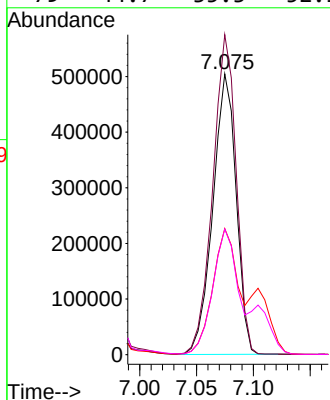
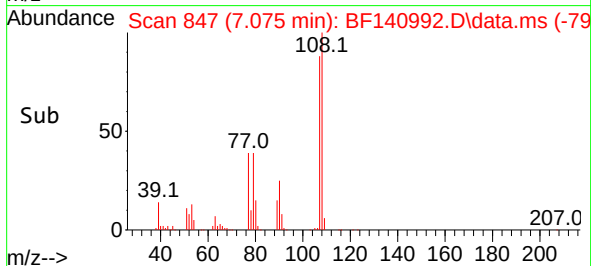
Tgt Ion:107 Resp: 72018
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 44.9 35.3 52.9
79 44.7 35.3 52.9

Manual Integrations

APPROVED

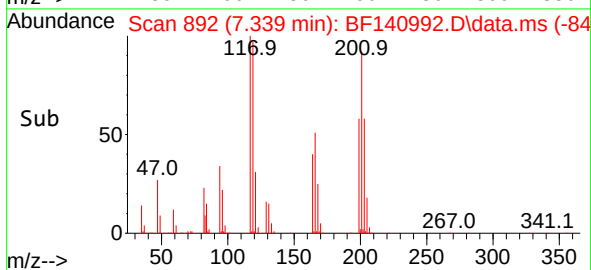
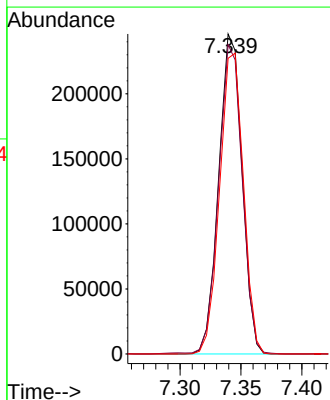
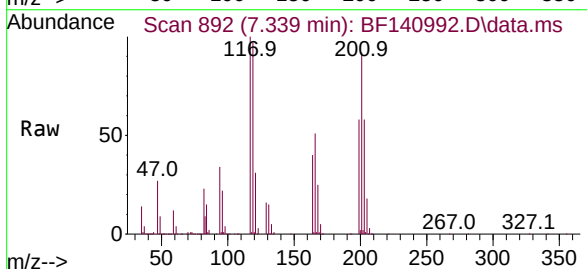
Reviewed By :Yogesh Patel 12/30/2024

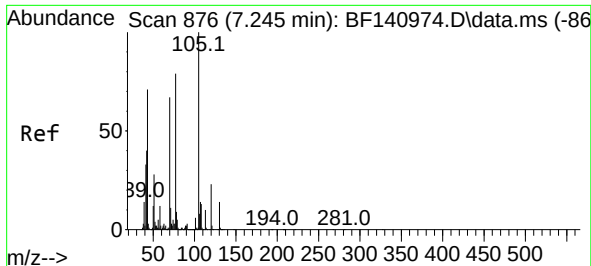
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 50.072 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:117 Resp: 328695
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
201 92.4 77.4 116.2





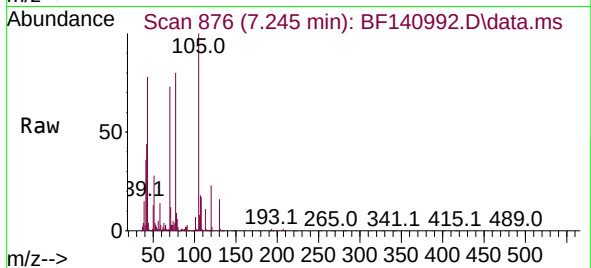
#19
n-Nitroso-di-n-propylamine
Concen: 50.581 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



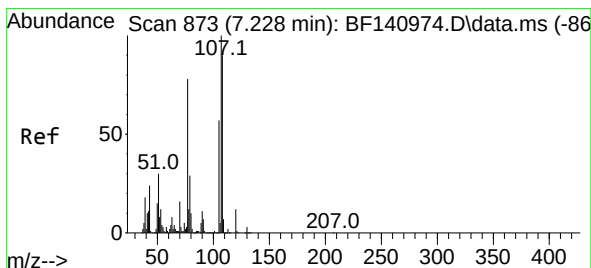
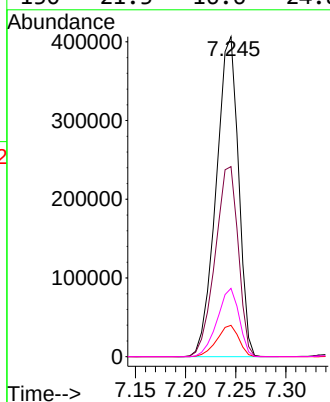
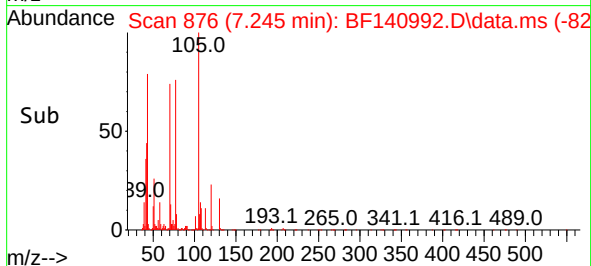
Tgt Ion: 70 Resp: 62888
Ion Ratio Lower Upper
70 100
42 59.4 48.1 72.1
101 9.8 7.6 11.4
130 21.3 16.6 24.8

Manual Integrations

APPROVED

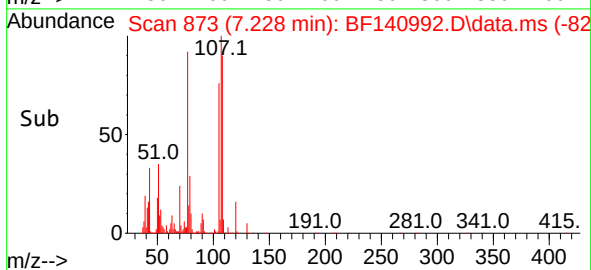
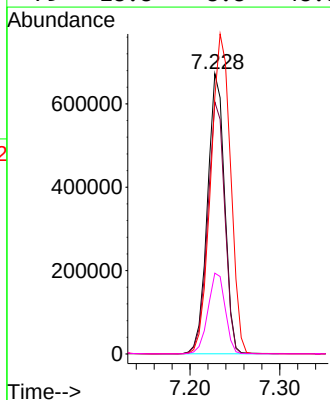
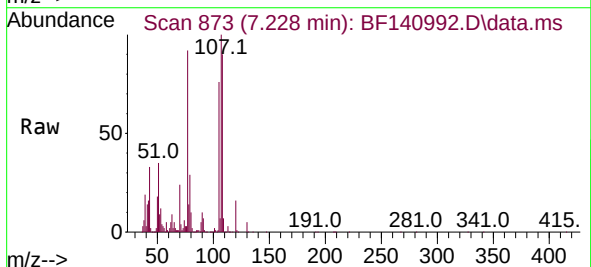
Reviewed By :Yogesh Patel 12/30/2024

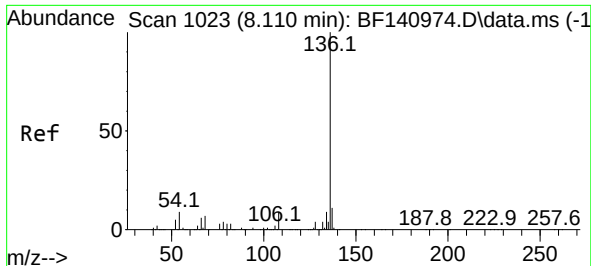
Supervised By :mohammad ahmed 12/30/2024



#20
3+4-Methylphenols
Concen: 50.848 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:107 Resp: 887918
Ion Ratio Lower Upper
107 100
108 89.9 69.6 109.6
77 91.6 57.6 97.6
79 28.8 8.8 48.8





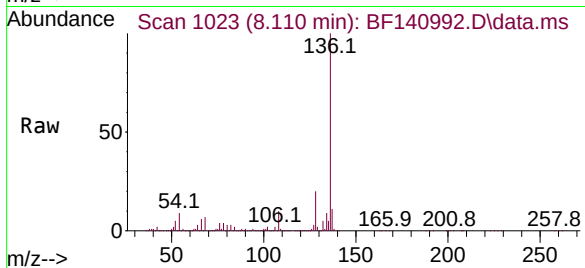
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

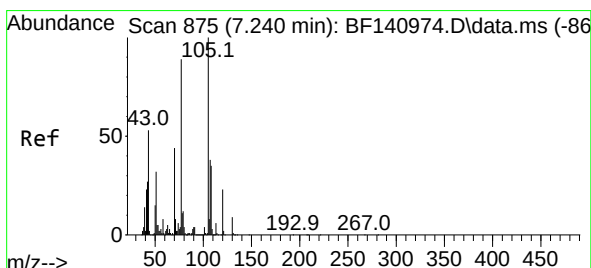
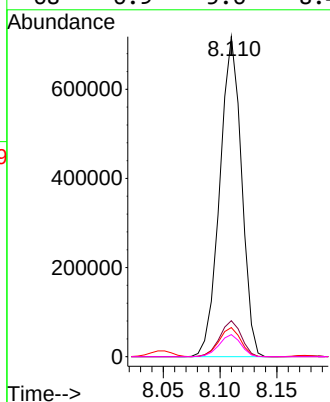
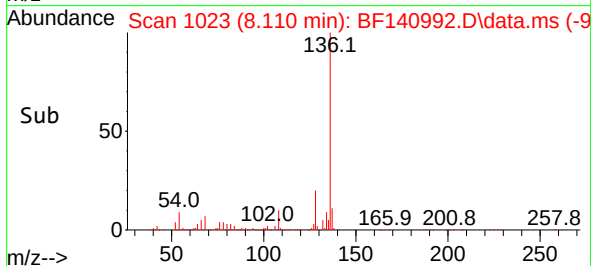


Tgt Ion:136 Resp: 956660
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.1 7.6 11.4
68 6.9 5.6 8.4

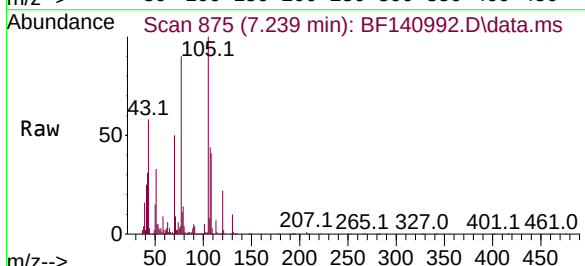
Manual Integrations

APPROVED

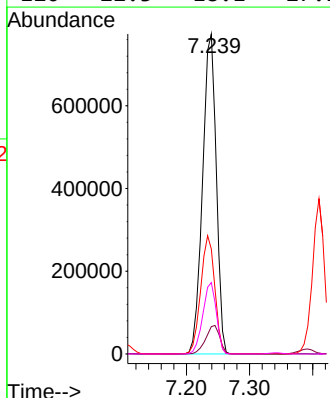
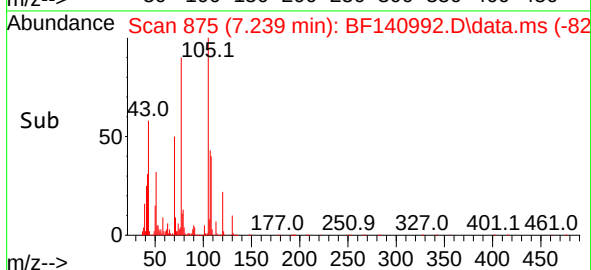
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

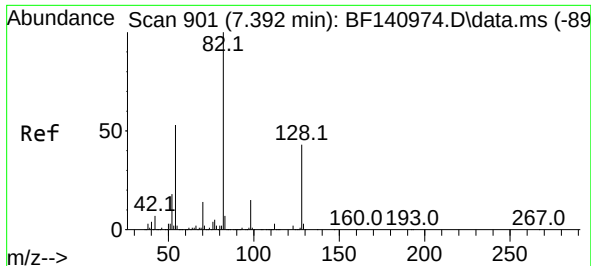


#22
Acetophenone
Concen: 49.617 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:105 Resp: 1164427
Ion Ratio Lower Upper
105 100
71 8.5 6.1 9.1
51 32.8 25.8 38.6
120 22.3 18.1 27.1





#23

Nitrobenzene-d5

Concen: 122.279 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion: 82 Resp: 182843

Ion Ratio Lower Upper

82 100

128 44.6 34.4 51.6

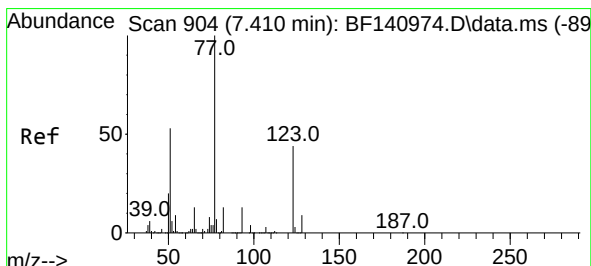
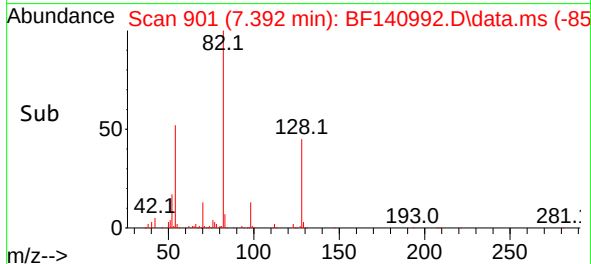
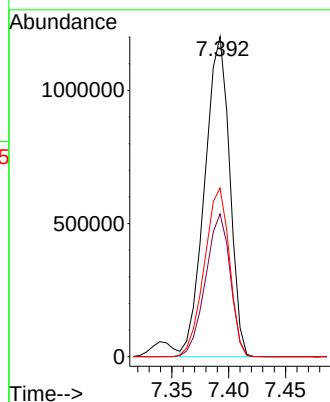
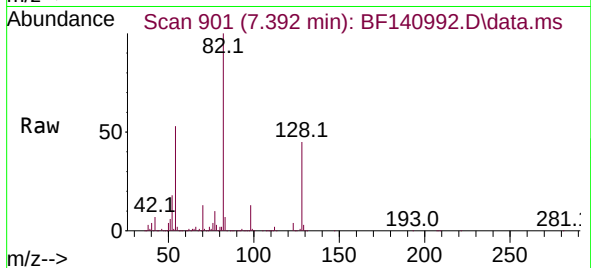
54 52.7 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 54.940 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

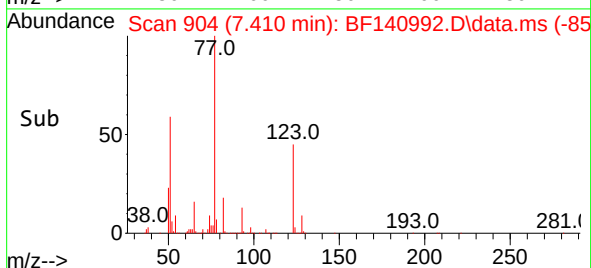
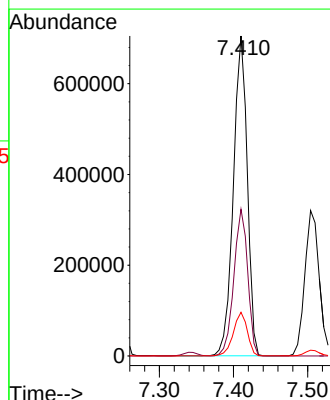
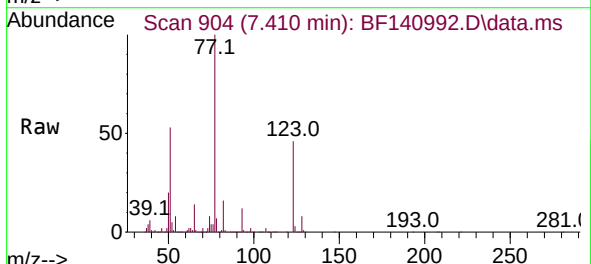
Tgt Ion: 77 Resp: 917966

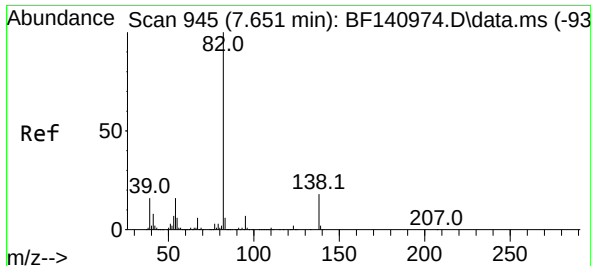
Ion Ratio Lower Upper

77 100

123 45.9 35.4 53.2

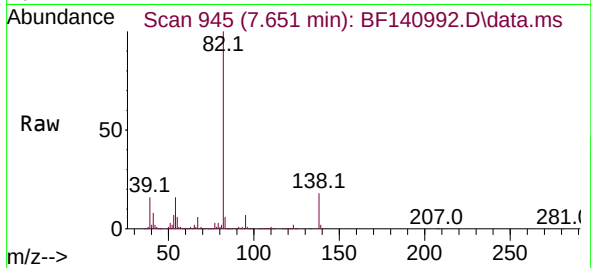
65 13.6 10.7 16.1





#25
Isophorone
Concen: 51.278 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

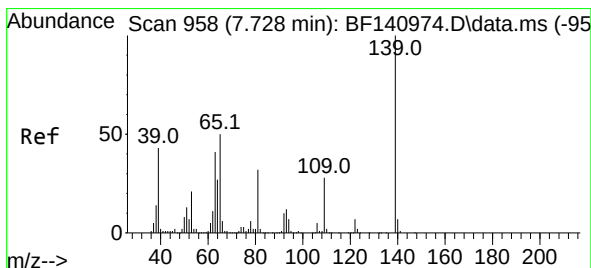
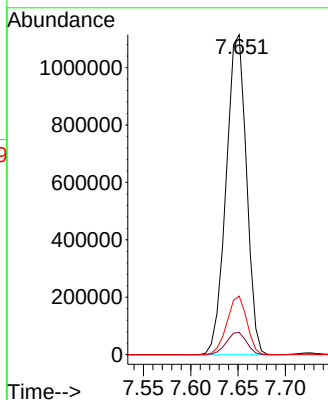
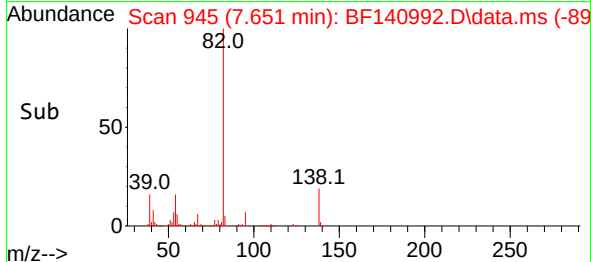
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 82 Resp: 166852
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.3 14.6 21.8

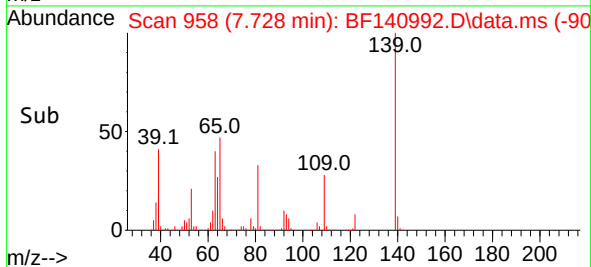
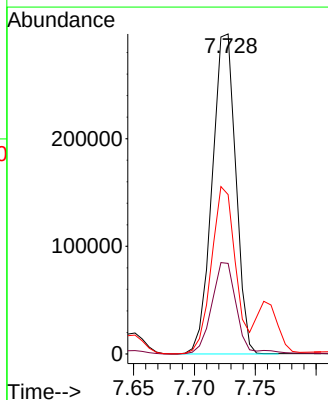
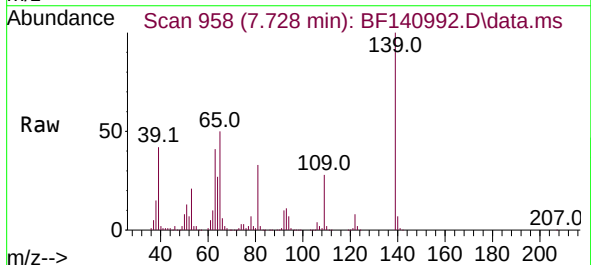
Manual Integrations
APPROVED

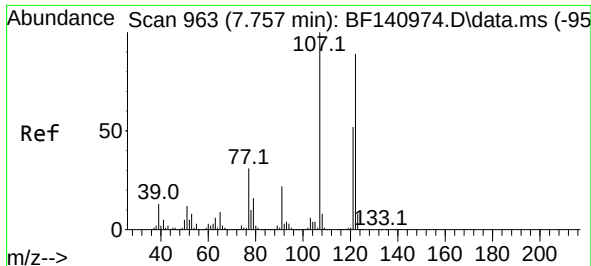
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 57.478 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:139 Resp: 401624
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 49.8 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 60.848 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140992.D

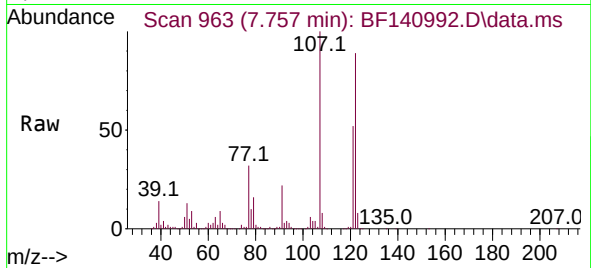
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



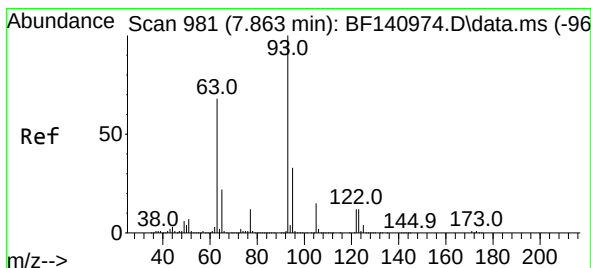
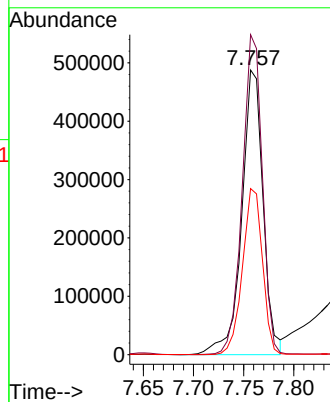
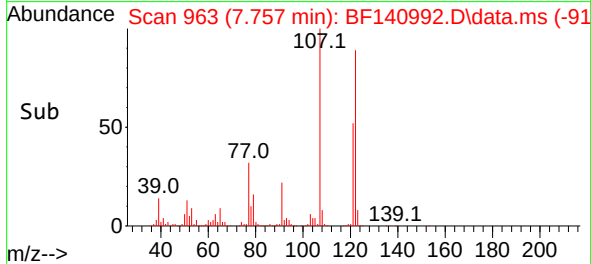
Tgt Ion:	122	Resp:	72359
Ion	Ratio	Lower	Upper
122	100		
107	112.4	89.4	134.2
121	58.3	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 49.752 ng

RT: 7.863 min Scan# 981

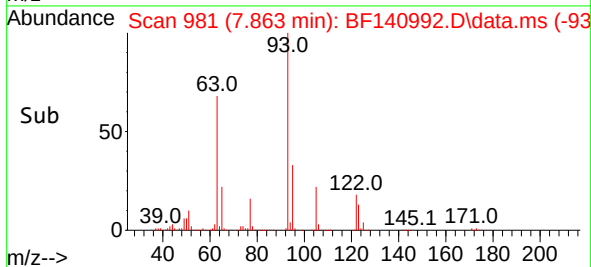
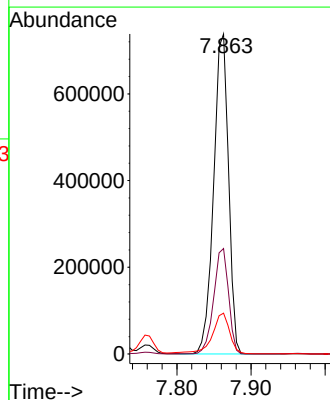
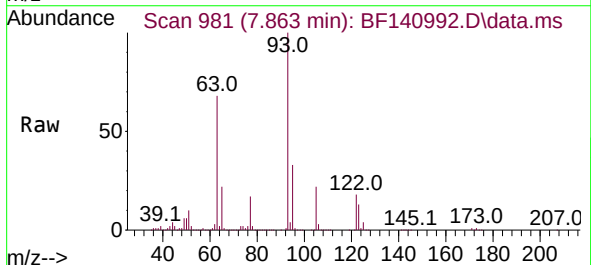
Delta R.T. -0.000 min

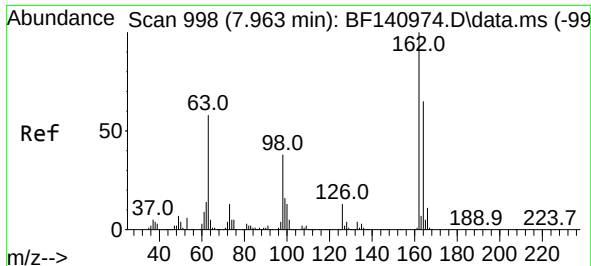
Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Tgt Ion: 93 Resp: 1025674

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.7	9.9	14.9





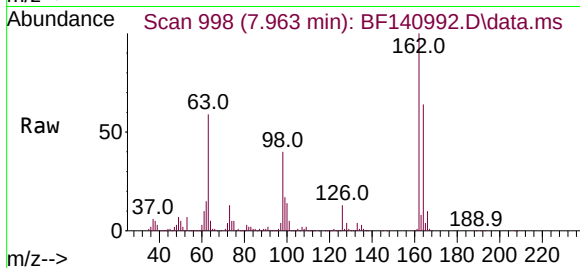
#29
2,4-Dichlorophenol
Concen: 51.691 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

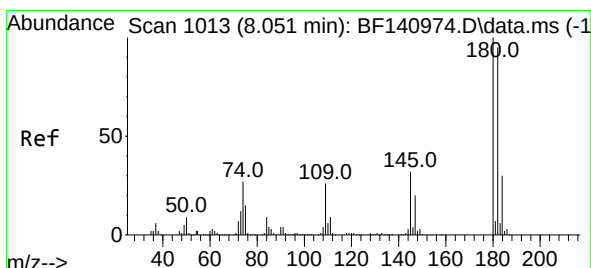
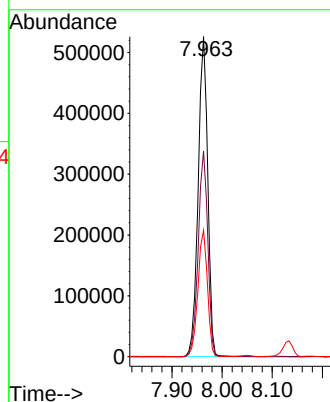
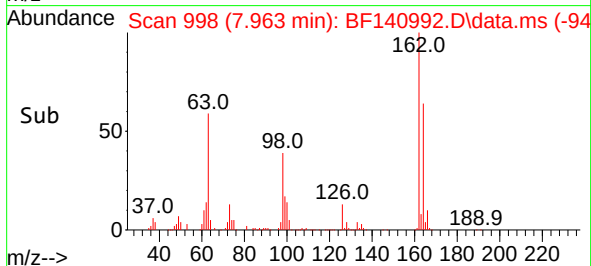


Tgt Ion:162 Resp: 697158
Ion Ratio Lower Upper
162 100
164 64.3 44.8 84.8
98 39.5 18.6 58.6

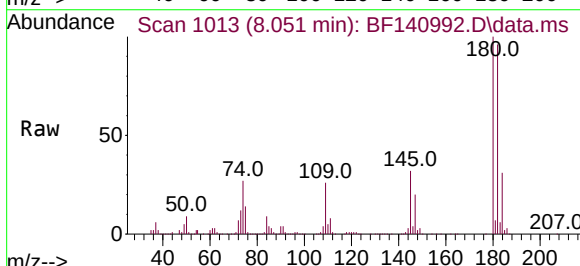
Manual Integrations

APPROVED

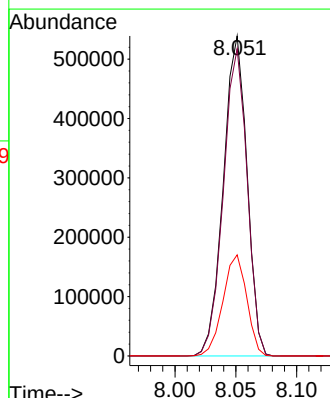
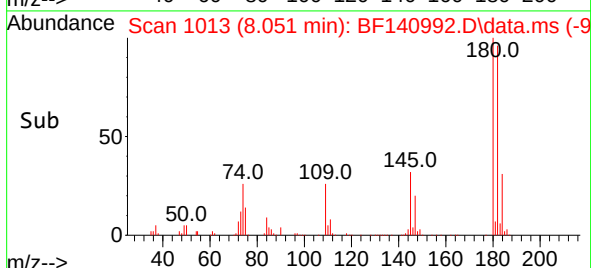
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

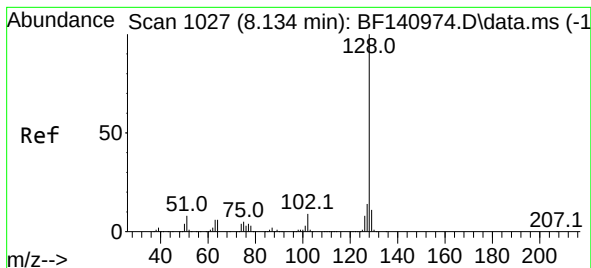


#30
1,2,4-Trichlorobenzene
Concen: 47.814 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:180 Resp: 729887
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.4
145 31.6 25.4 38.2





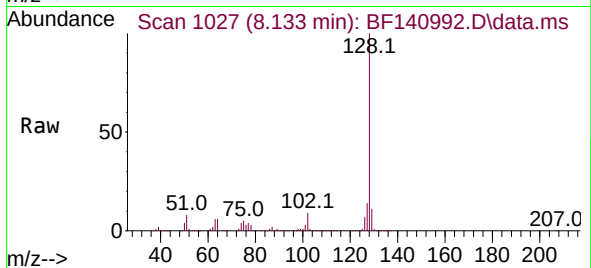
#31
Naphthalene
Concen: 49.023 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



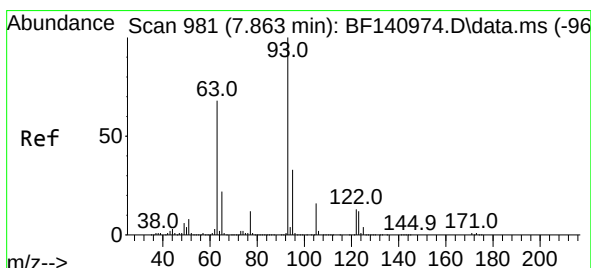
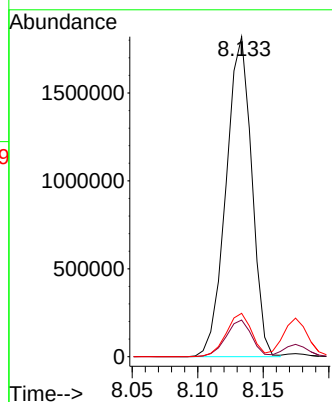
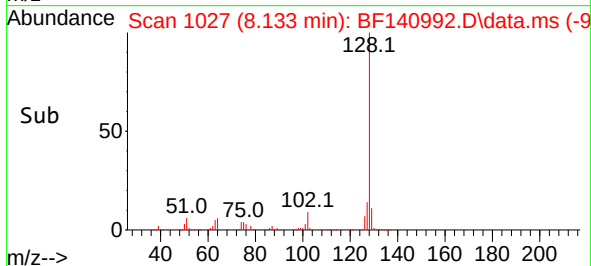
Tgt Ion:128 Resp: 247127
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

APPROVED

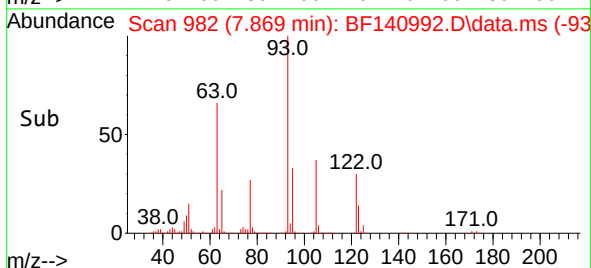
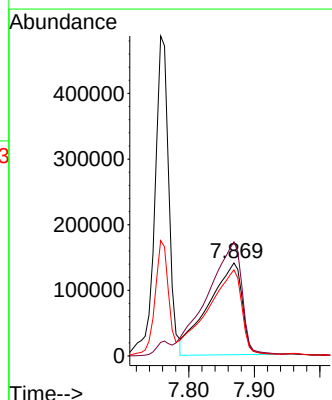
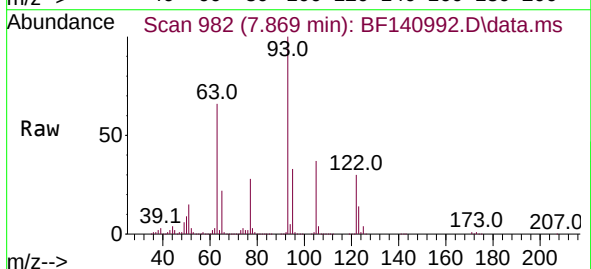
Reviewed By :Yogesh Patel 12/30/2024

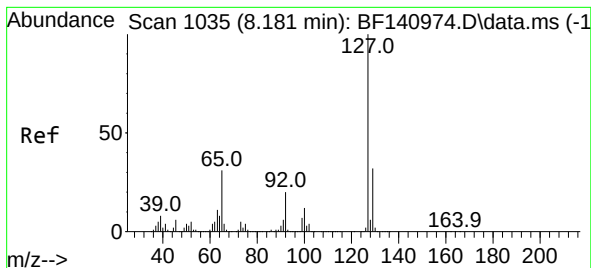
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 50.862 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:122 Resp: 503097
Ion Ratio Lower Upper
122 100
105 122.7 105.4 145.4
77 92.7 76.4 116.4





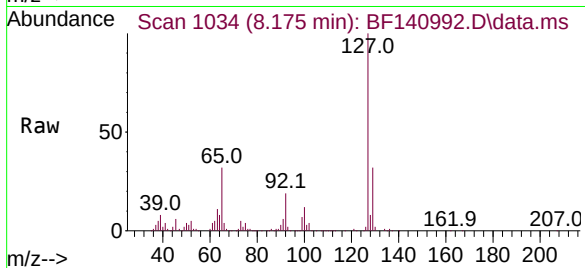
#33
4-Chloroaniline
Concen: 16.081 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



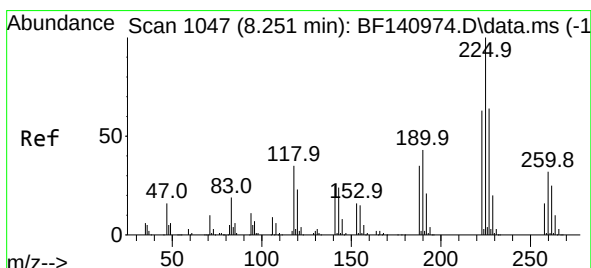
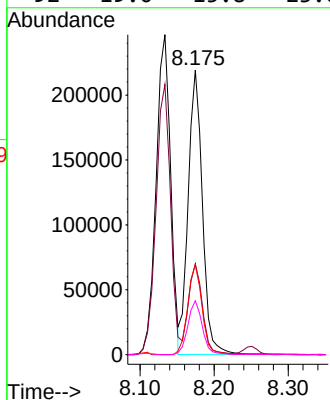
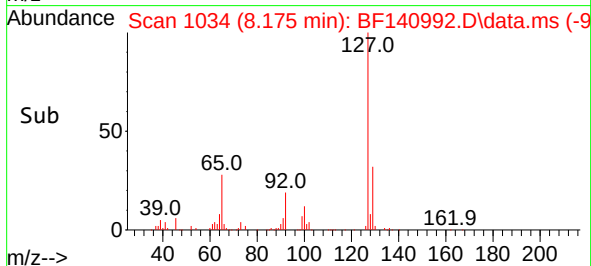
Tgt Ion:127 Resp: 29327
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 31.6 24.6 37.0
92 19.0 15.8 23.6

Manual Integrations

APPROVED

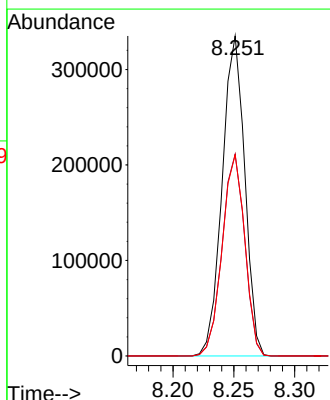
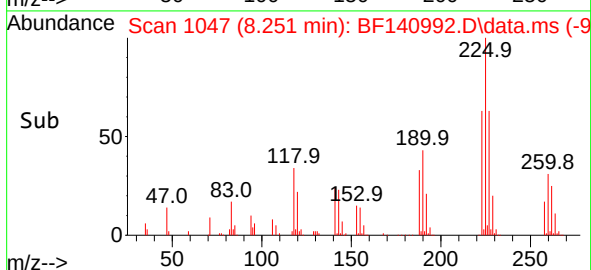
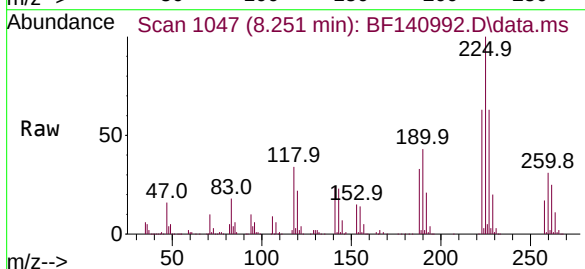
Reviewed By :Yogesh Patel 12/30/2024

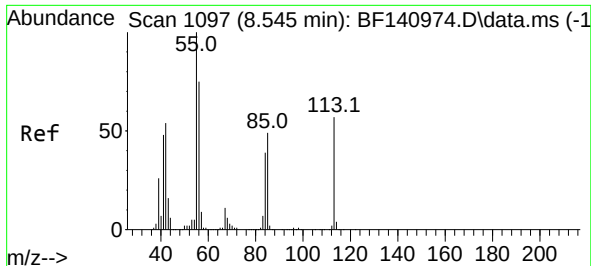
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 47.955 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:225 Resp: 431560
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 62.9 50.8 76.2





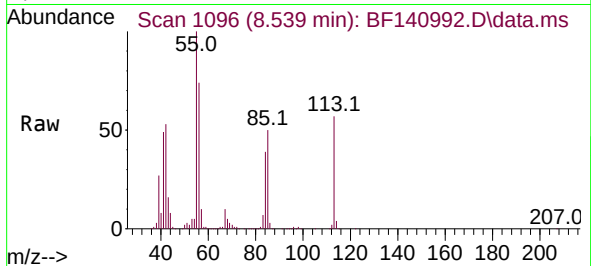
#35
Caprolactam
Concen: 50.835 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



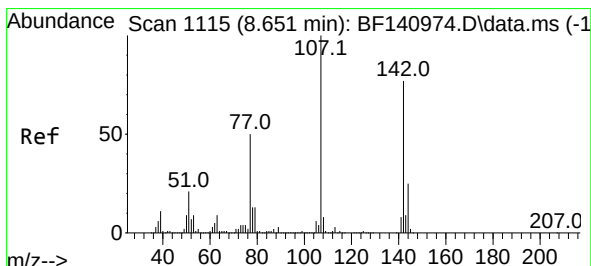
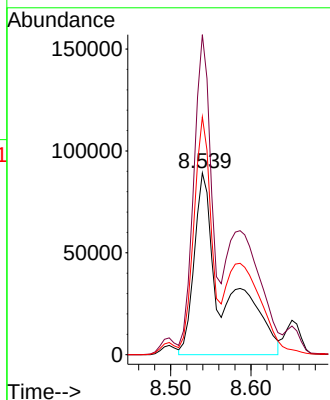
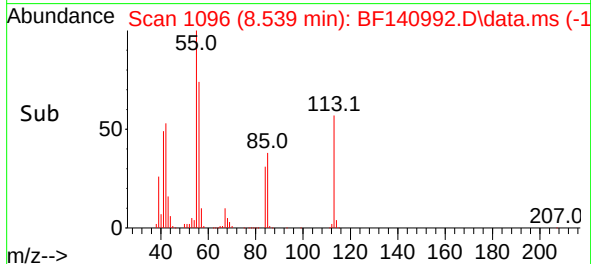
Tgt Ion:113 Resp: 233078
Ion Ratio Lower Upper
113 100
55 176.1 156.6 196.6
56 130.8 111.7 151.7

Manual Integrations

APPROVED

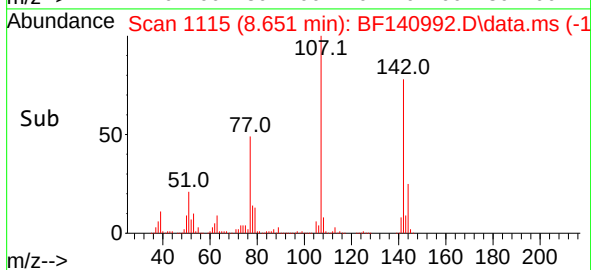
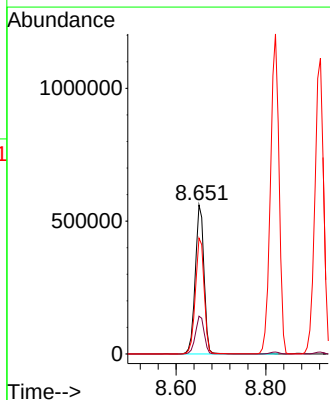
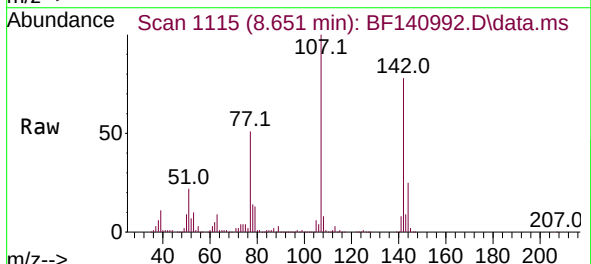
Reviewed By :Yogesh Patel 12/30/2024

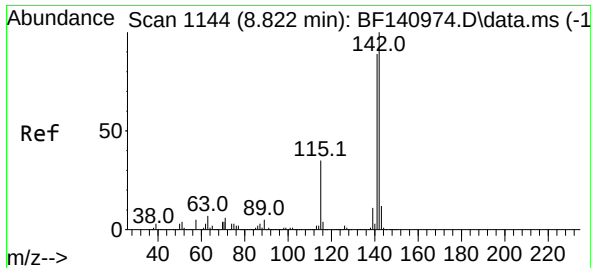
Supervised By :mohammad ahmed 12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 50.717 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:107 Resp: 759652
Ion Ratio Lower Upper
107 100
144 25.3 19.9 29.9
142 77.8 61.8 92.8





#37
2-Methylnaphthalene
Concen: 49.440 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

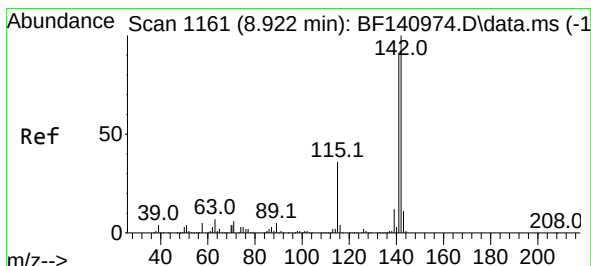
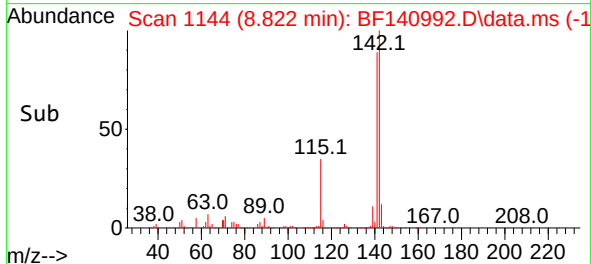
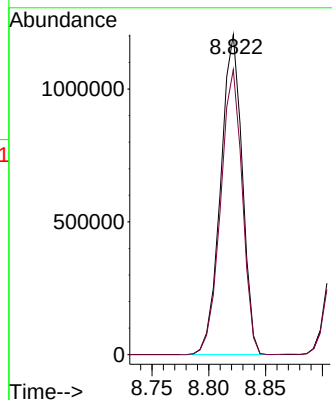
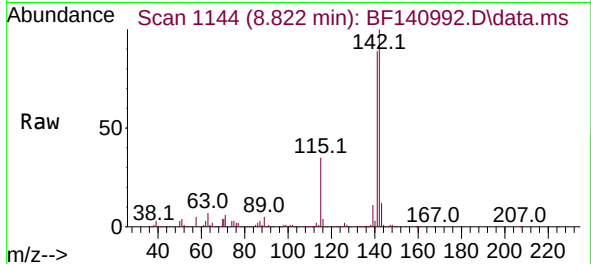
PB165845BS

Tgt Ion:142 Resp: 1594390
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7

Manual Integrations

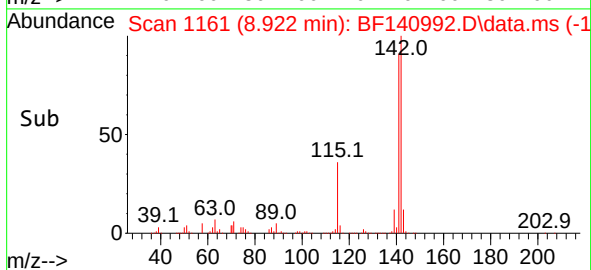
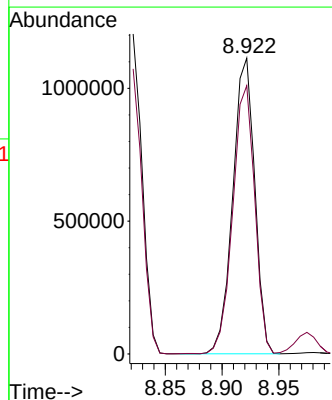
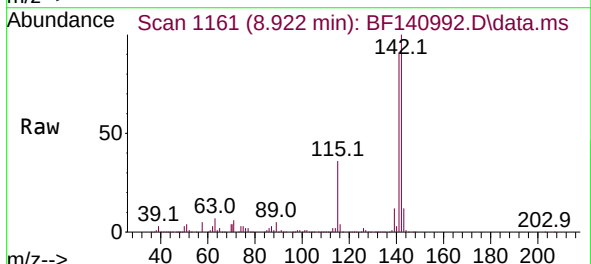
APPROVED

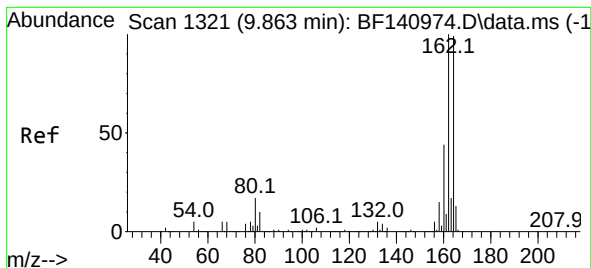
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 47.176 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:142 Resp: 1495200
Ion Ratio Lower Upper
142 100
141 90.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140992.D

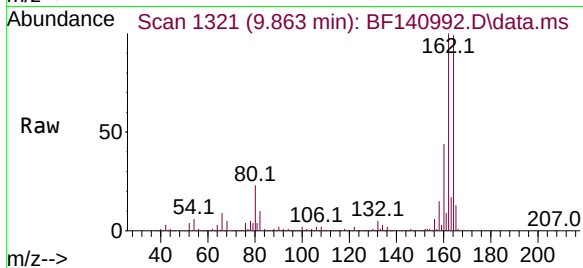
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:164 Resp: 50846

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

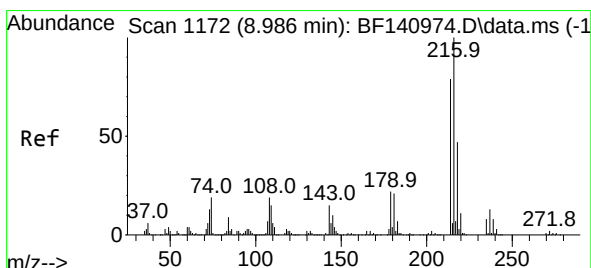
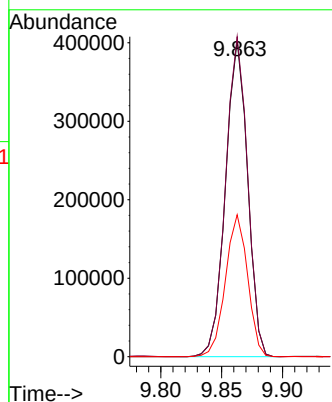
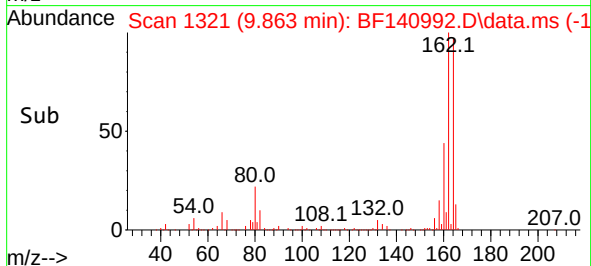
160 44.9 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.608 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Tgt Ion:216 Resp: 693928

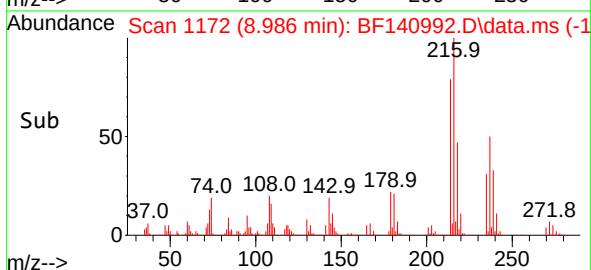
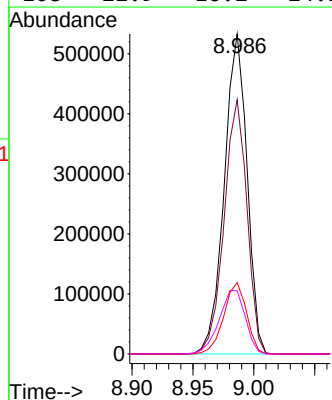
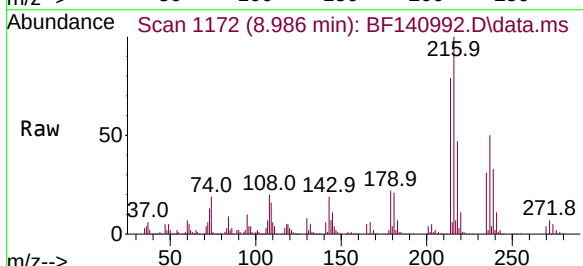
Ion Ratio Lower Upper

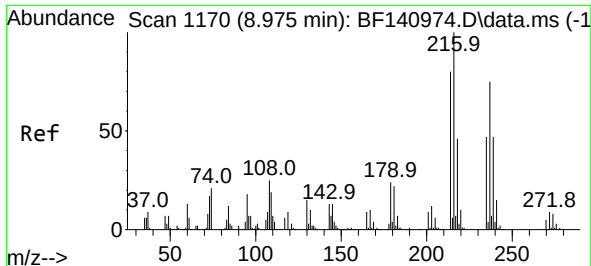
216 100

214 79.5 63.0 94.6

179 22.4 17.9 26.9

108 22.9 16.2 24.2





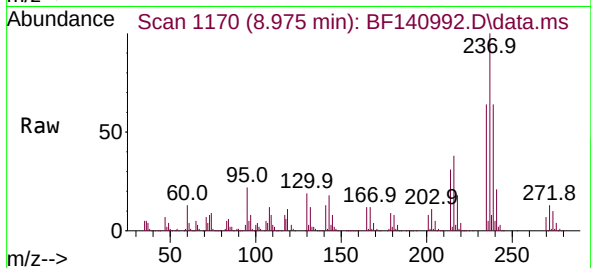
#41
Hexachlorocyclopentadiene
Concen: 181.861 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

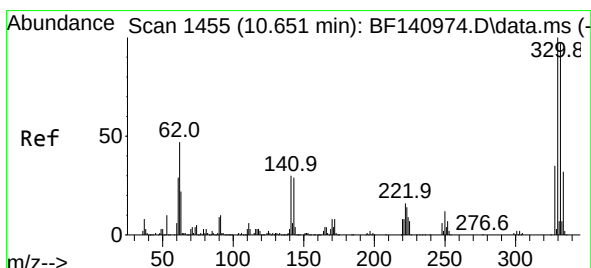
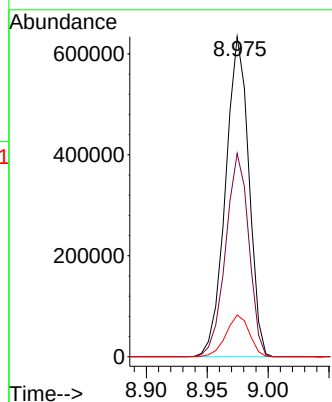
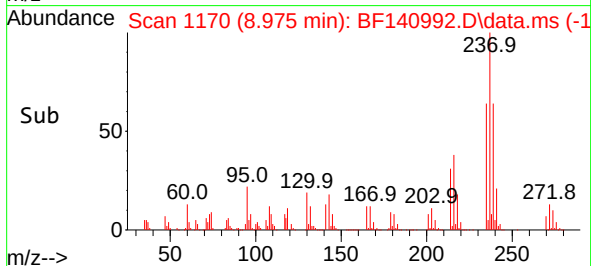


Tgt Ion:237 Resp: 843032
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 13.0 0.0 32.6

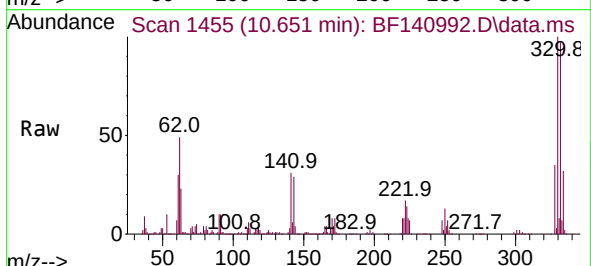
Manual Integrations

APPROVED

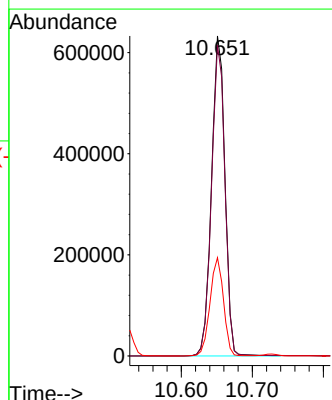
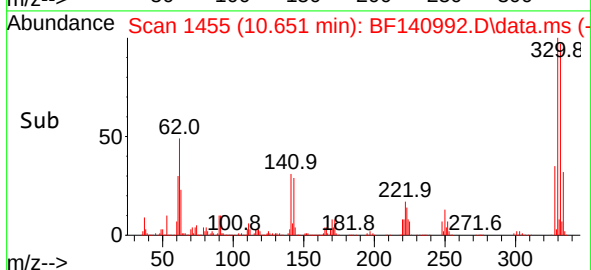
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

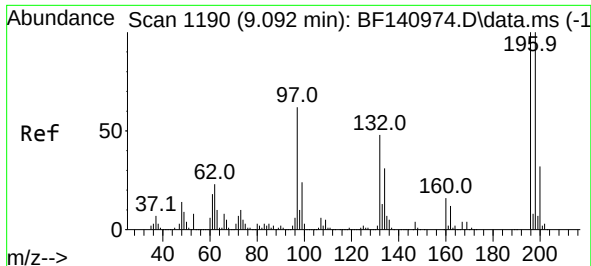


#42
2,4,6-Tribromophenol
Concen: 168.456 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



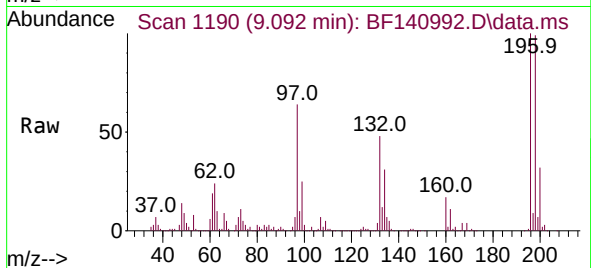
Tgt Ion:330 Resp: 832297
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 30.9 26.4 39.6





#43
2,4,6-Trichlorophenol
Concen: 55.008 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

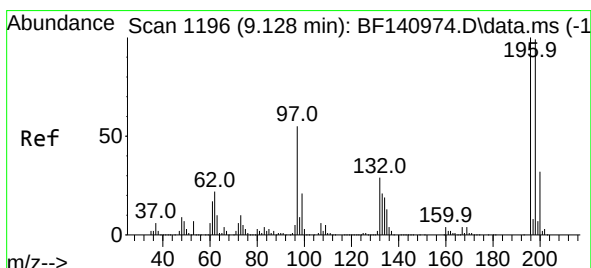
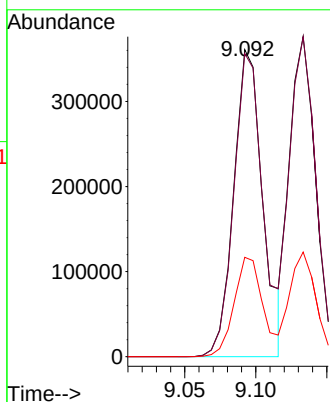
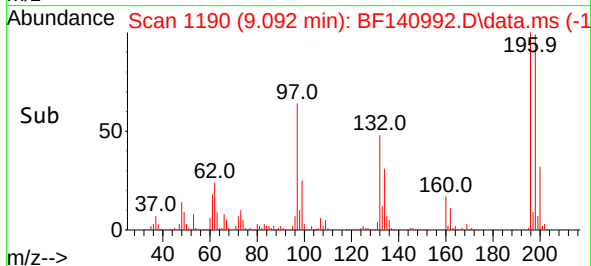
Instrument :
BNA_F
ClientSampleId :
PB165845BS



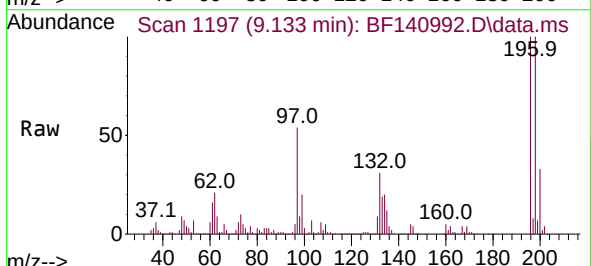
Tgt Ion:196 Resp: 51212
Ion Ratio Lower Upper
196 100
198 98.7 80.2 120.4
200 32.4 25.8 38.6

Manual Integrations
APPROVED

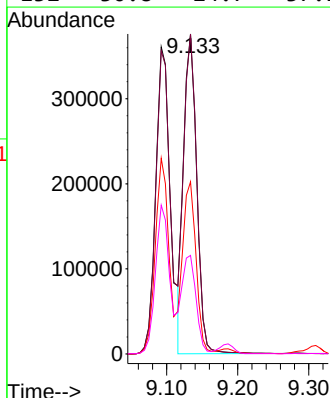
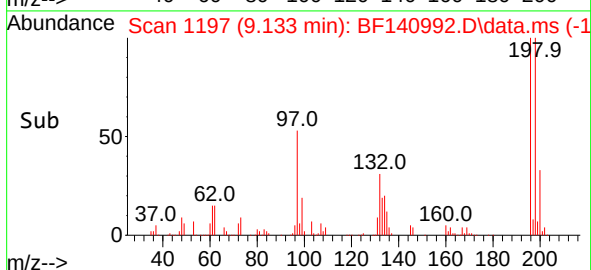
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

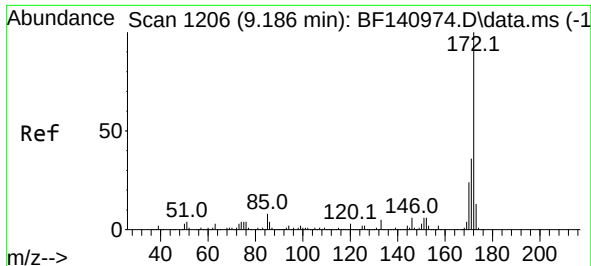


#44
2,4,5-Trichlorophenol
Concen: 50.788 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:196 Resp: 483800
Ion Ratio Lower Upper
196 100
198 99.9 79.9 119.9
97 53.8 44.3 66.5
132 30.8 24.7 37.1





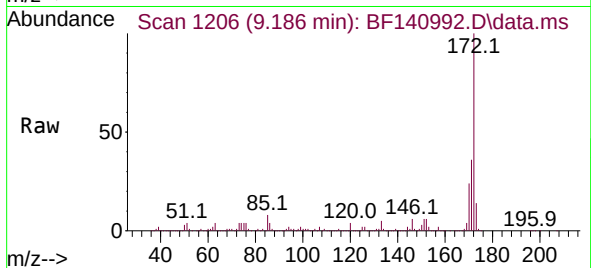
#45
2-Fluorobiphenyl
Concen: 101.017 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



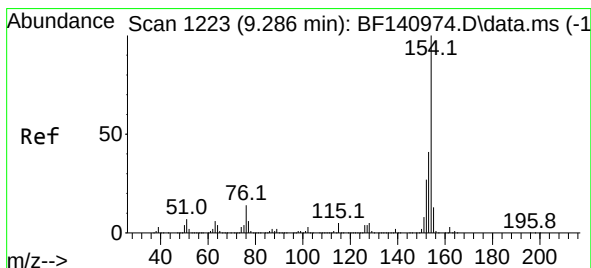
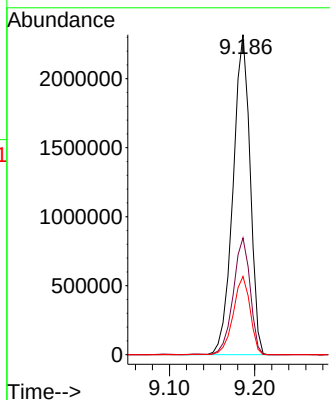
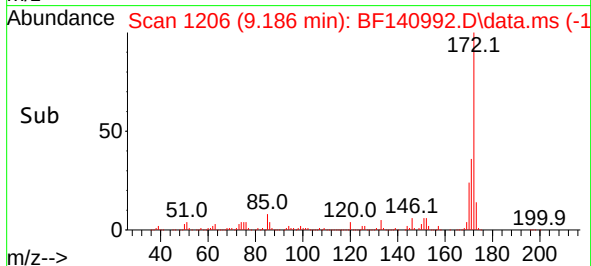
Tgt Ion:172 Resp: 3223810
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.5 19.6 29.4

Manual Integrations

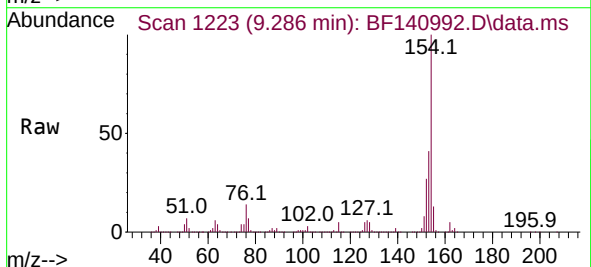
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

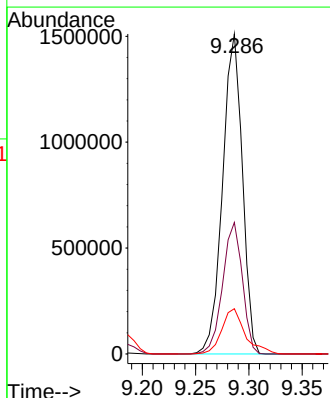
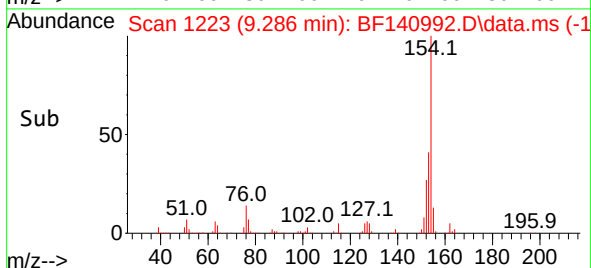
Supervised By :mohammad ahmed 12/30/2024

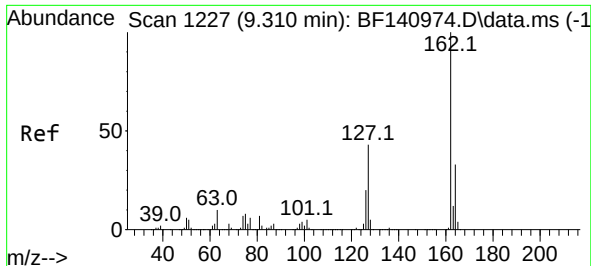


#46
1,1'-Biphenyl
Concen: 50.037 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:154 Resp: 1948058
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 14.2 0.0 34.0





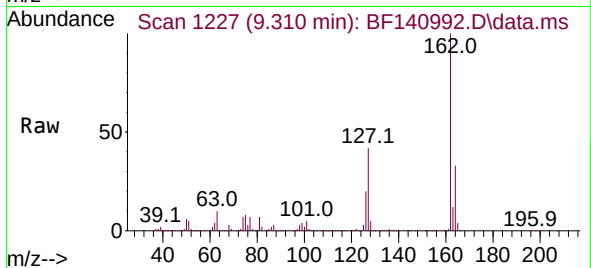
#47
2-Chloronaphthalene
Concen: 48.676 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



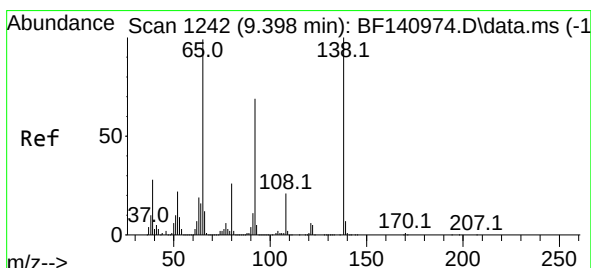
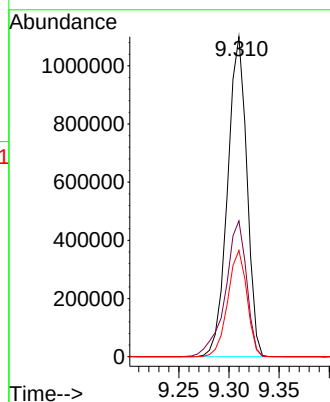
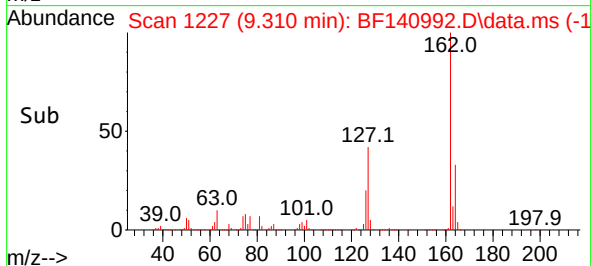
Tgt Ion:162 Resp: 146977
Ion Ratio Lower Upper
162 100
127 42.4 34.2 51.4
164 33.2 26.6 40.0

Manual Integrations

APPROVED

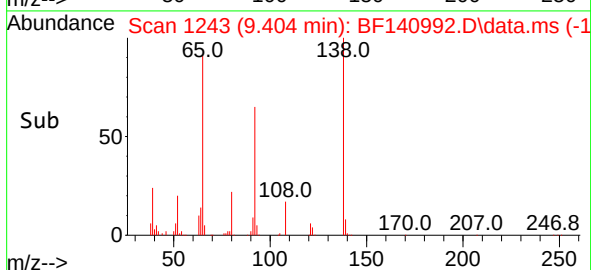
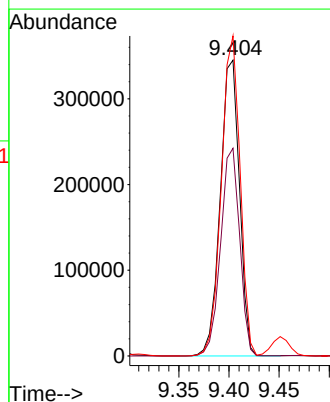
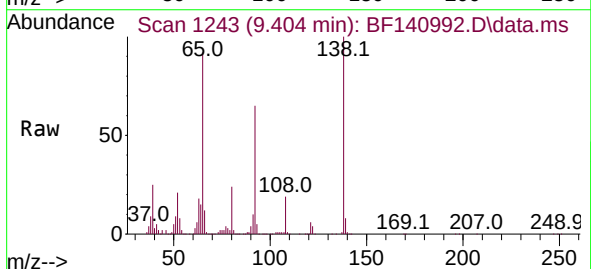
Reviewed By :Yogesh Patel 12/30/2024

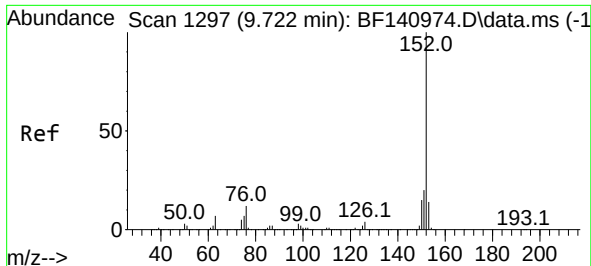
Supervised By :mohammad ahmed 12/30/2024



#48
2-Nitroaniline
Concen: 57.089 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion: 65 Resp: 458643
Ion Ratio Lower Upper
65 100
92 70.2 55.6 83.4
138 108.2 80.5 120.7





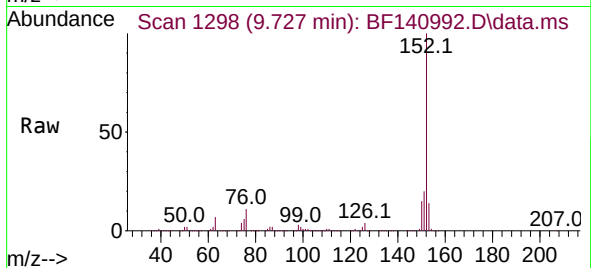
#49
Acenaphthylene
Concen: 52.565 ng
RT: 9.727 min Scan# 1297
Delta R.T. 0.005 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



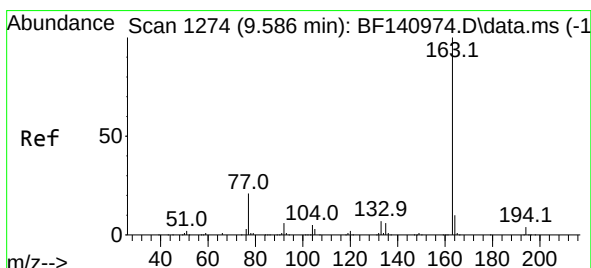
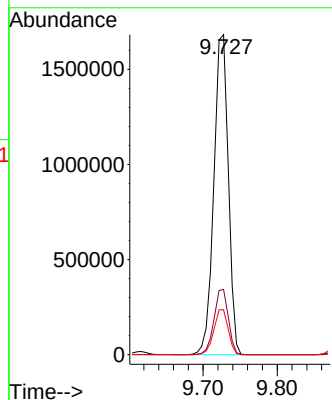
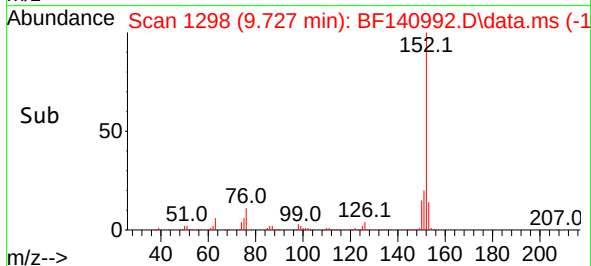
Tgt Ion:152 Resp: 2284825
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.1 11.4 17.0

Manual Integrations

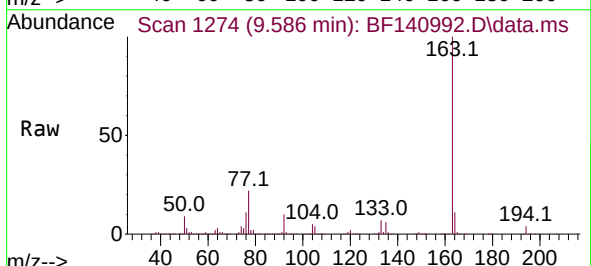
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

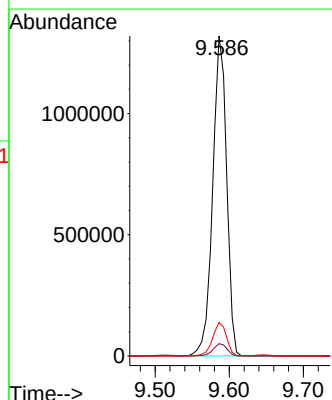
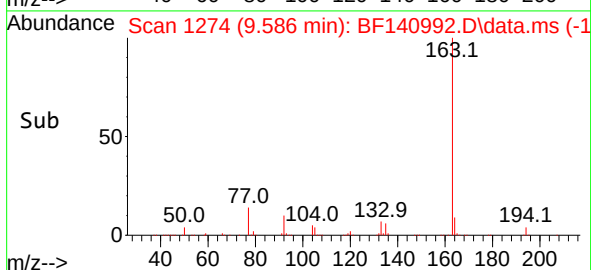
Supervised By :mohammad ahmed 12/30/2024

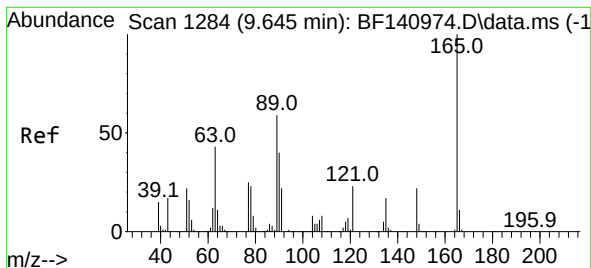


#50
Dimethylphthalate
Concen: 51.445 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:163 Resp: 1720580
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.3 12.5





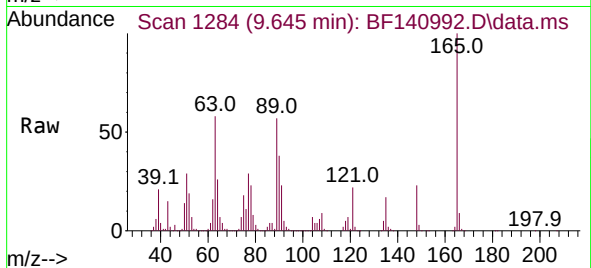
#51
2,6-Dinitrotoluene
Concen: 54.375 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

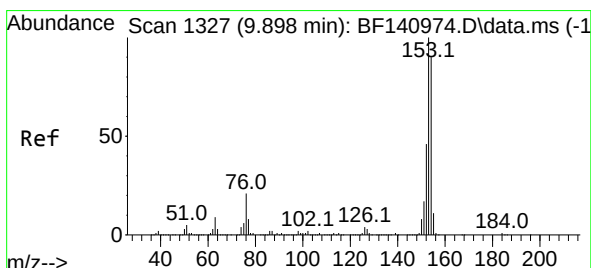
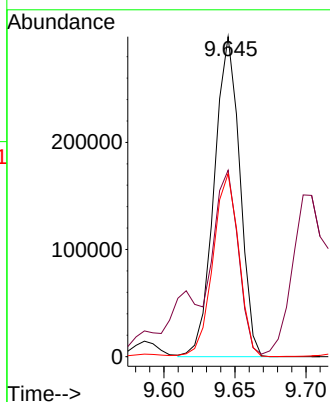
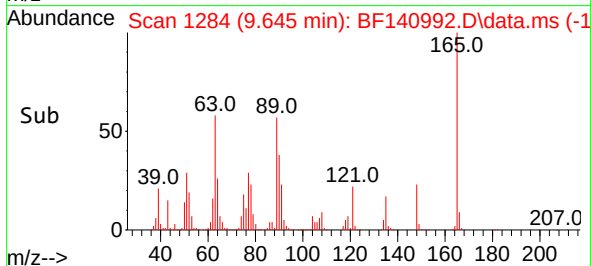


Tgt Ion:165 Resp: 374454
Ion Ratio Lower Upper
165 100
63 58.3 47.1 70.7
89 57.1 47.0 70.4

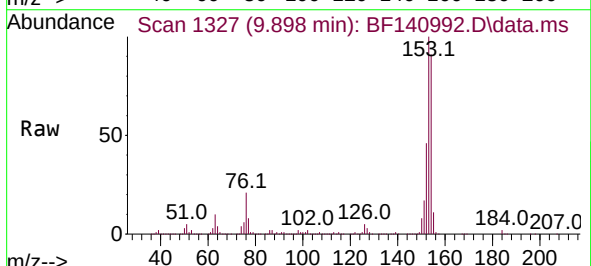
Manual Integrations

APPROVED

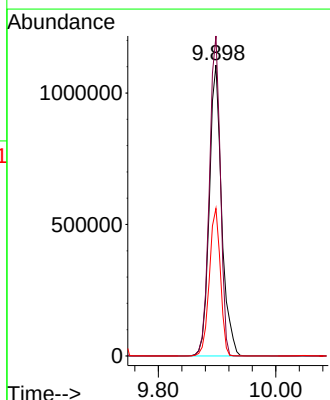
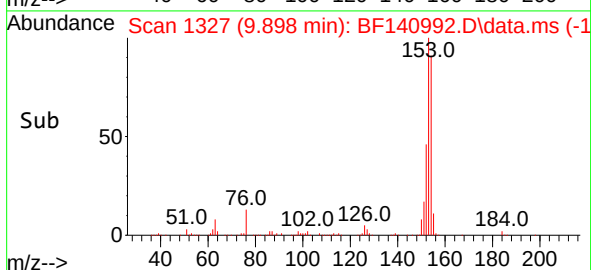
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

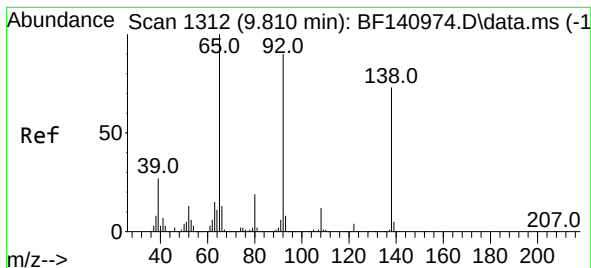


#52
Acenaphthene
Concen: 55.197 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:154 Resp: 1622020
Ion Ratio Lower Upper
154 100
153 110.0 89.2 133.8
152 50.7 40.9 61.3





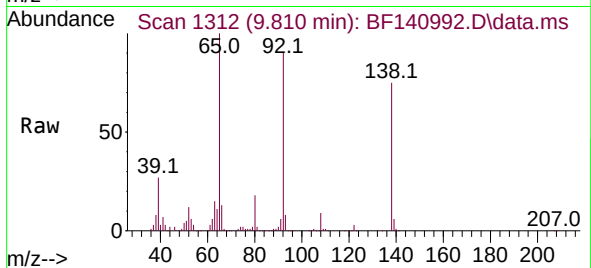
#53
3-Nitroaniline
Concen: 32.223 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



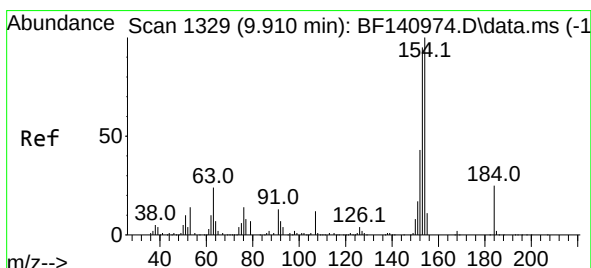
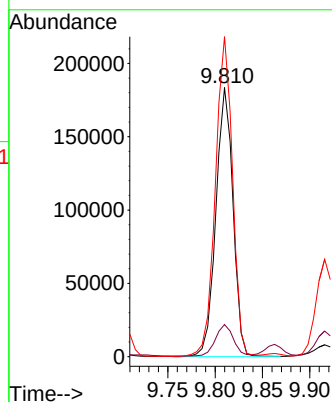
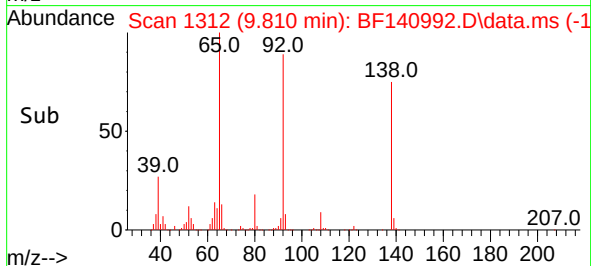
Tgt Ion:138 Resp: 230474
Ion Ratio Lower Upper
138 100
108 12.0 13.5 20.3#
92 118.9 97.7 146.5

Manual Integrations

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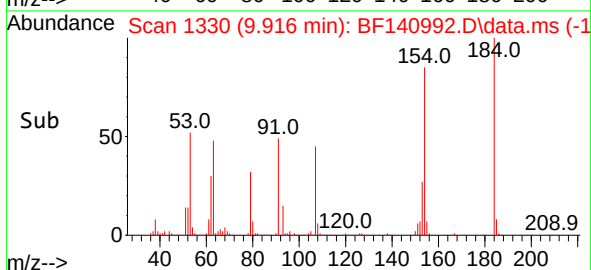
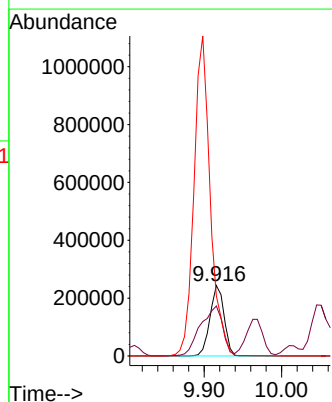
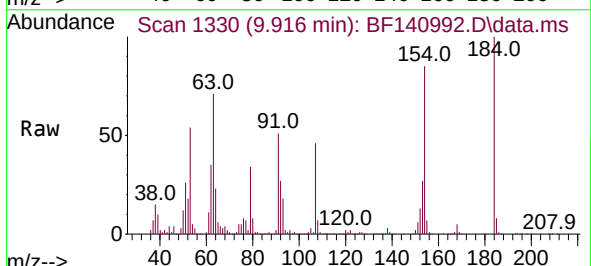
Reviewed By :Yogesh Patel 12/30/2024

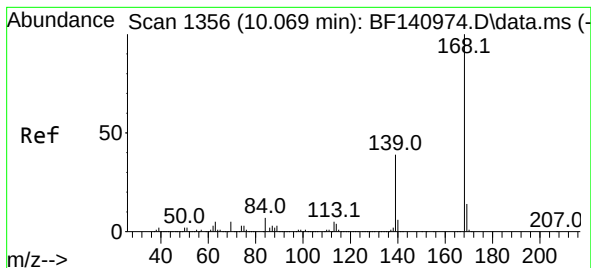
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 101.093 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:184 Resp: 308206
Ion Ratio Lower Upper
184 100
63 70.8 81.6 122.4#
154 85.3 363.5 545.3#





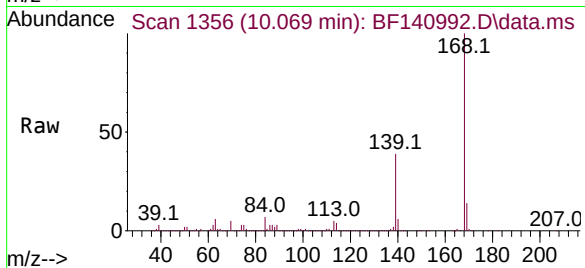
#55
Dibenzenofuran
Concen: 50.068 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



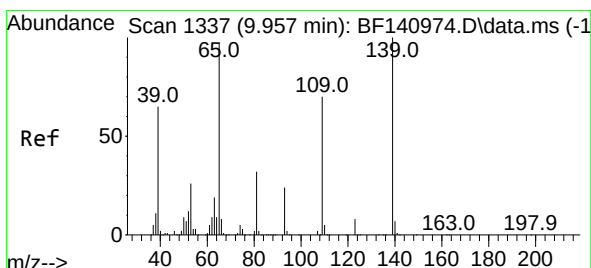
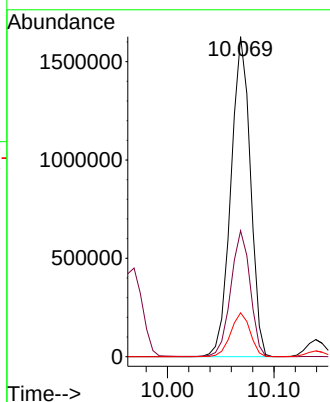
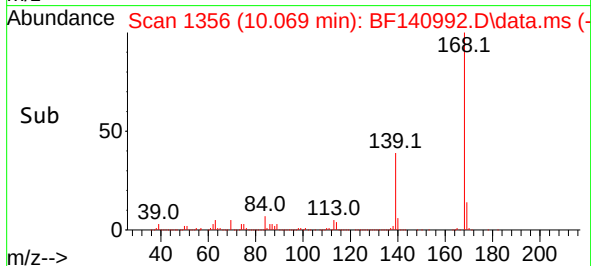
Tgt Ion:168 Resp: 206767
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 13.7 11.0 16.6

Manual Integrations

APPROVED

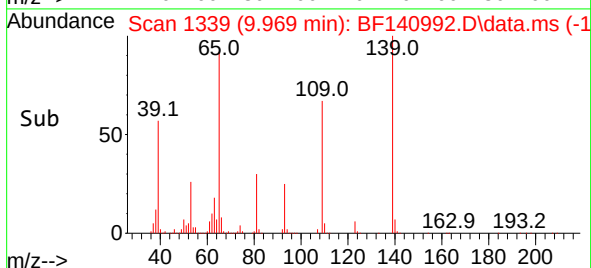
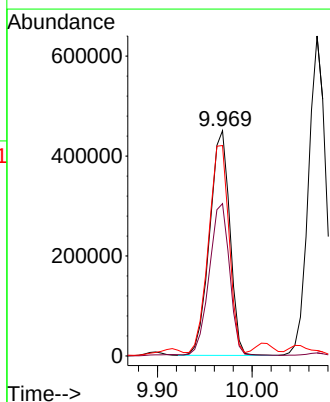
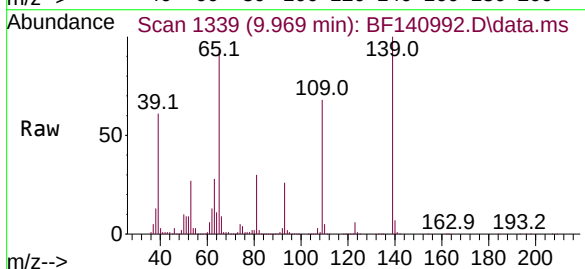
Reviewed By :Yogesh Patel 12/30/2024

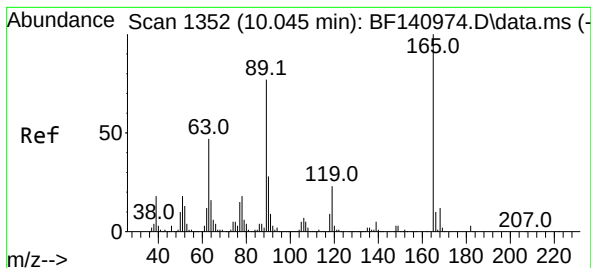
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 116.476 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:139 Resp: 666358
Ion Ratio Lower Upper
139 100
109 67.6 50.8 90.8
65 93.4 78.5 118.5





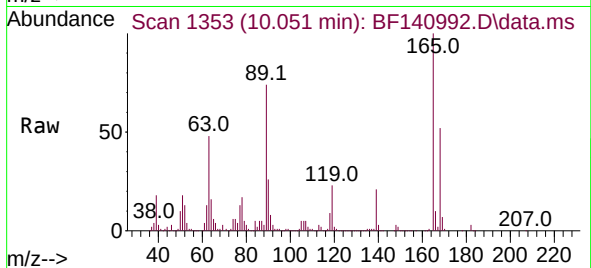
#57
2,4-Dinitrotoluene
Concen: 57.830 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

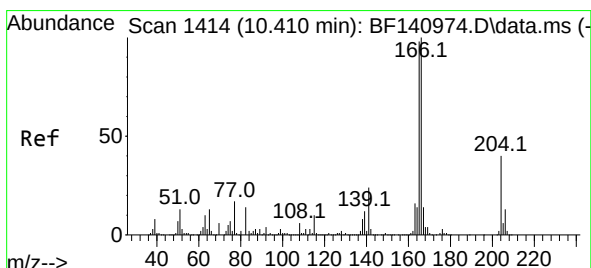
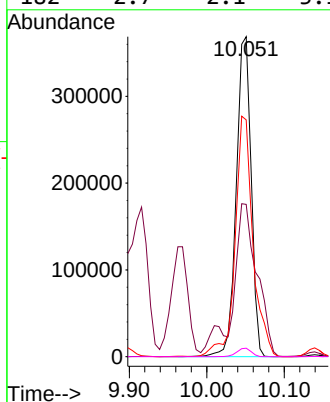
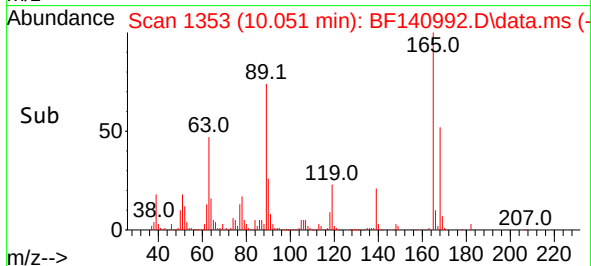


Tgt Ion:165 Resp: 491160
Ion Ratio Lower Upper
165 100
63 47.6 38.1 57.1
89 74.0 61.4 92.2
182 2.7 2.1 3.1

Manual Integrations

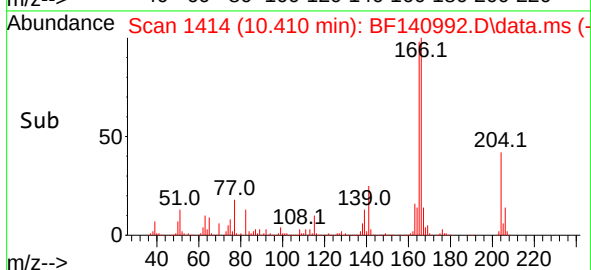
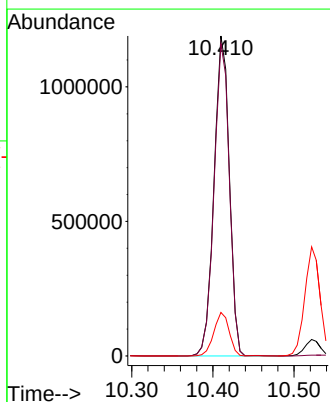
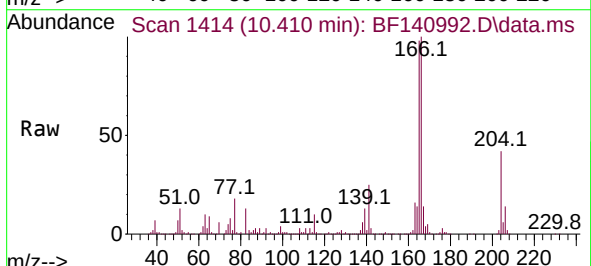
APPROVED

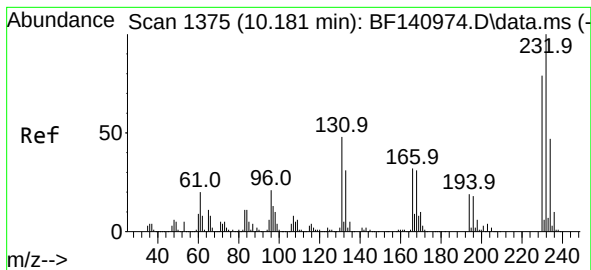
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 48.764 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

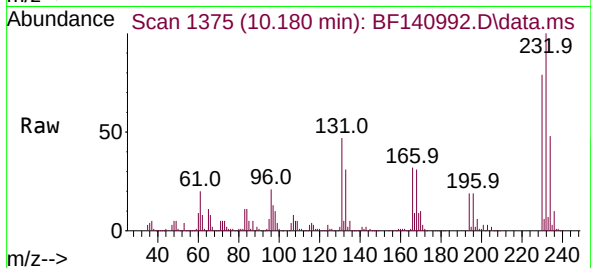
Tgt Ion:166 Resp: 1561605
Ion Ratio Lower Upper
166 100
165 97.6 78.3 117.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.610 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

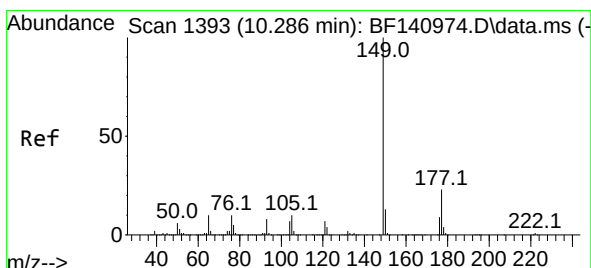
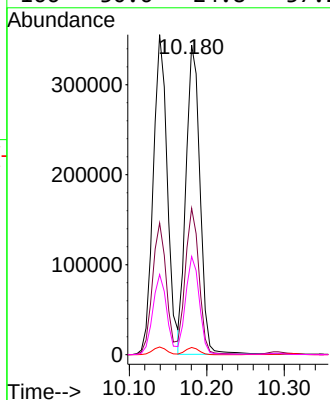
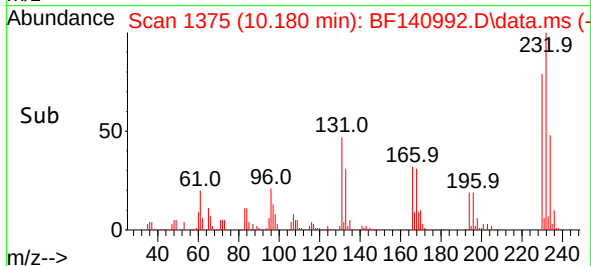
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:232 Resp: 430838
Ion Ratio Lower Upper
232 100
131 47.2 37.4 56.2
130 2.2 1.8 2.8
166 30.6 24.8 37.2

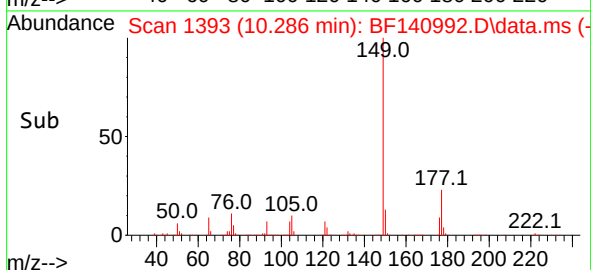
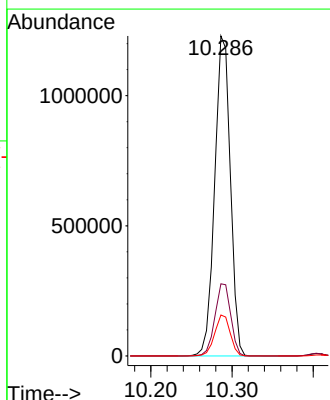
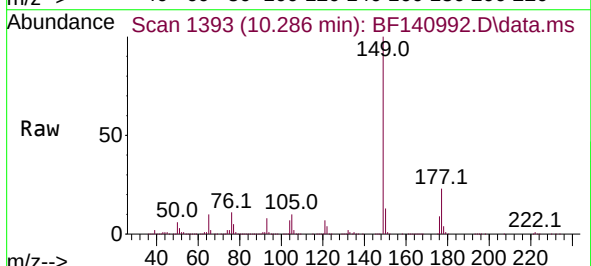
Manual Integrations
APPROVED

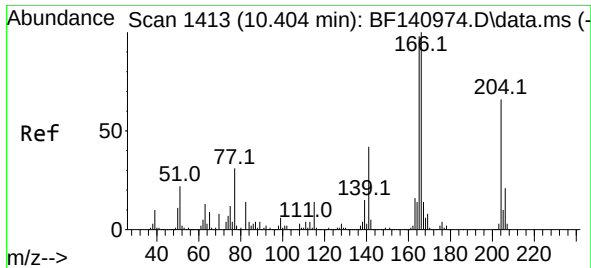
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#60
Diethylphthalate
Concen: 49.948 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:149 Resp: 1649179
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.8 10.4 15.6





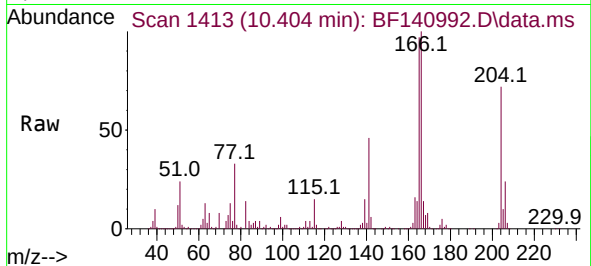
#61
4-Chlorophenyl-phenylether
Concen: 48.538 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

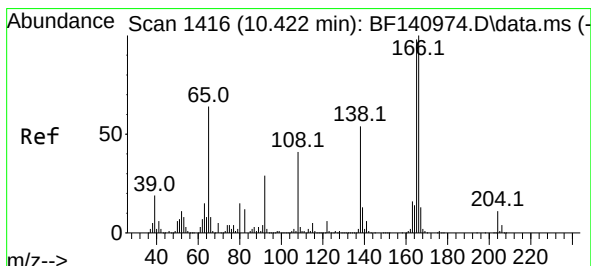
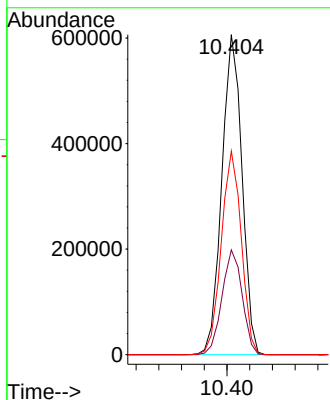
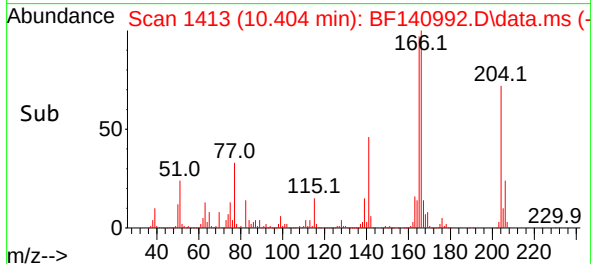


Tgt Ion:204 Resp: 74792
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 63.6 51.2 76.8

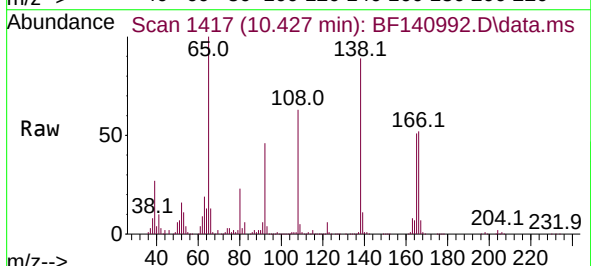
Manual Integrations

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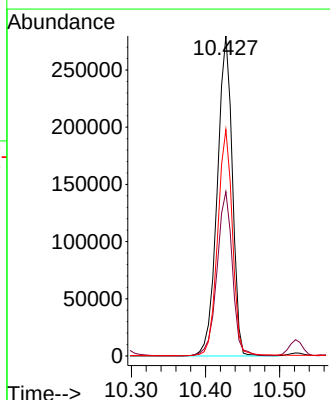
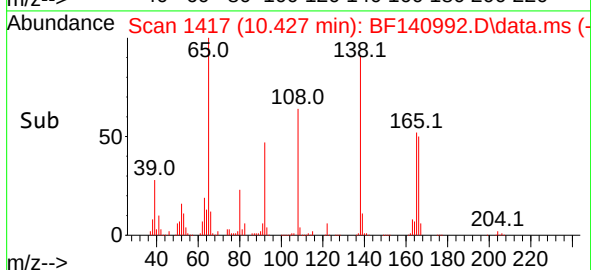
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

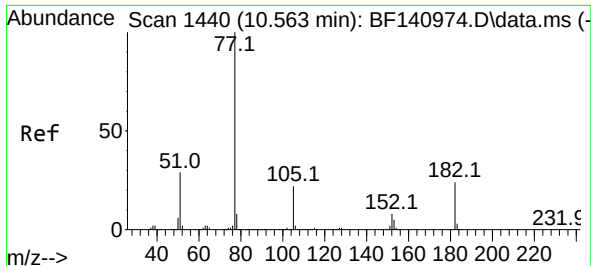


#62
4-Nitroaniline
Concen: 53.099 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:138 Resp: 396300
Ion Ratio Lower Upper
138 100
92 51.4 34.8 74.8
108 70.7 55.9 95.9





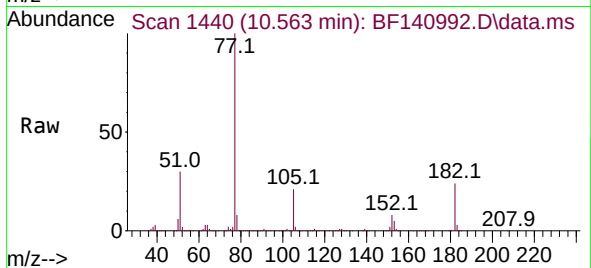
#63
Azobenzene
Concen: 50.478 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



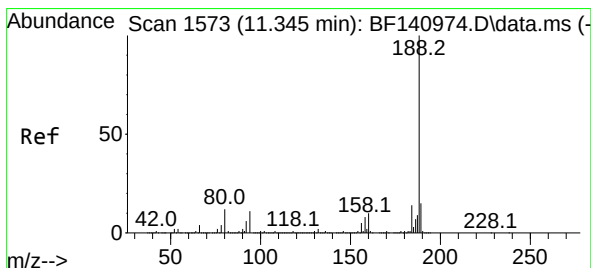
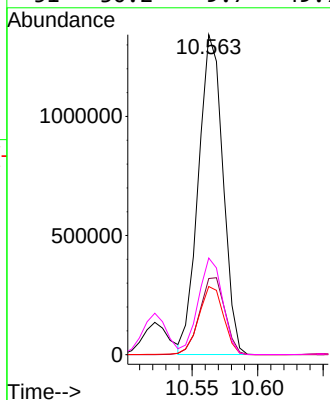
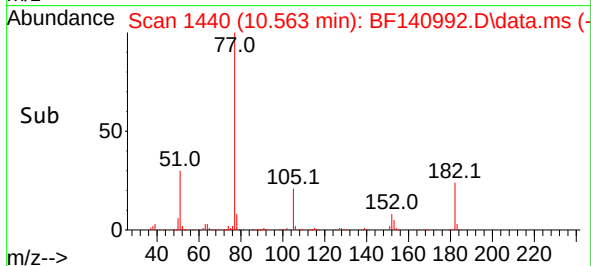
Tgt Ion: 77 Resp: 174937
Ion Ratio Lower Upper
77 100
182 23.8 4.1 44.1
105 21.3 1.8 41.8
51 30.2 9.7 49.7

Manual Integrations

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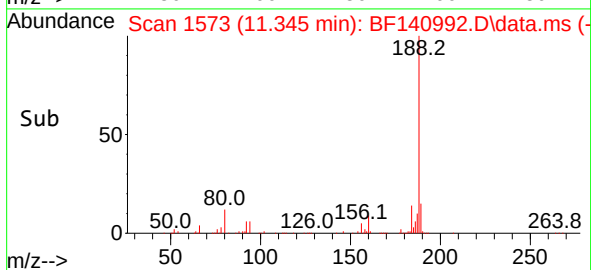
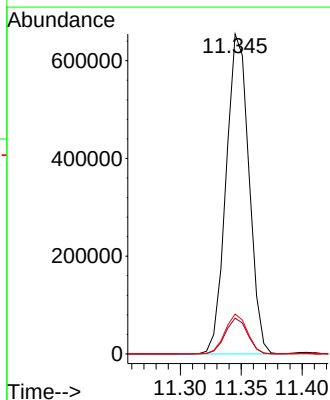
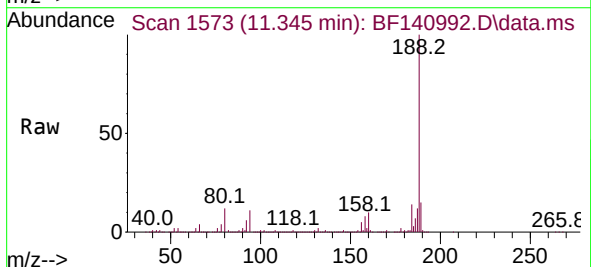
Reviewed By :Yogesh Patel 12/30/2024

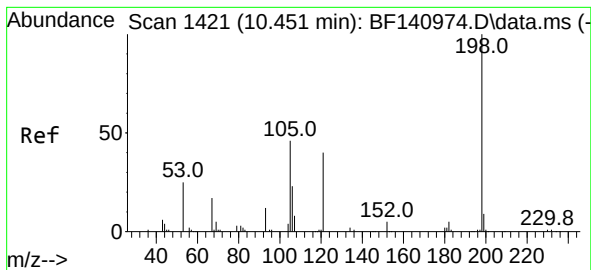
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

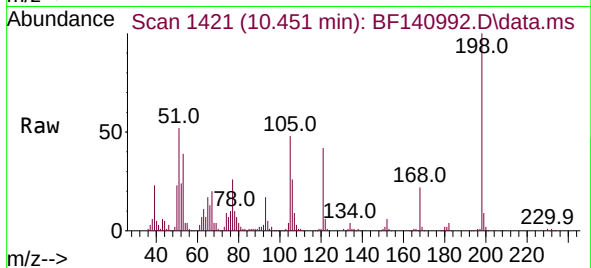
Tgt Ion:188 Resp: 852780
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.5 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 60.793 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

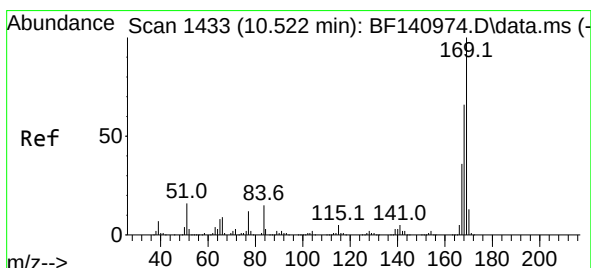
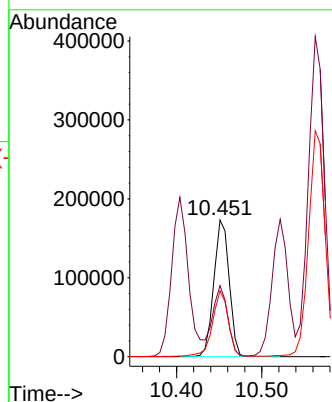
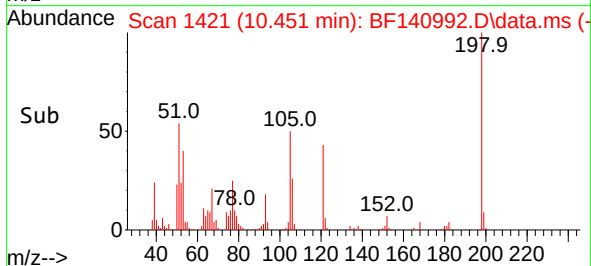
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:198 Resp: 217215
Ion Ratio Lower Upper
198 100
51 51.9 32.3 72.3
105 48.1 28.4 68.4

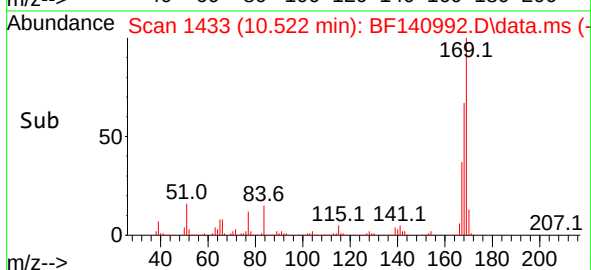
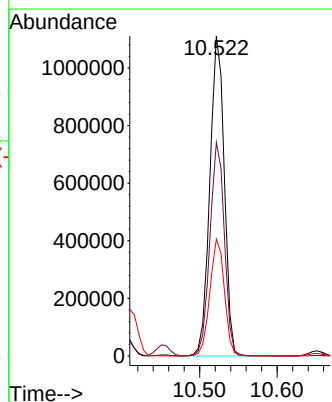
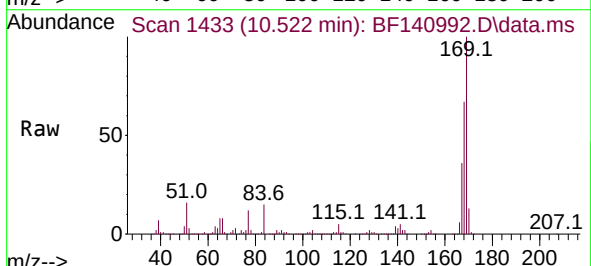
Manual Integrations
APPROVED

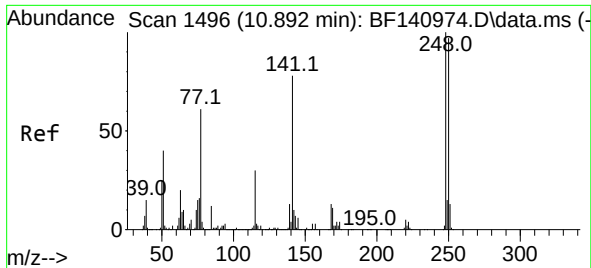
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#66
n-Nitrosodiphenylamine
Concen: 53.521 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:169 Resp: 1437255
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.5 29.0 43.4





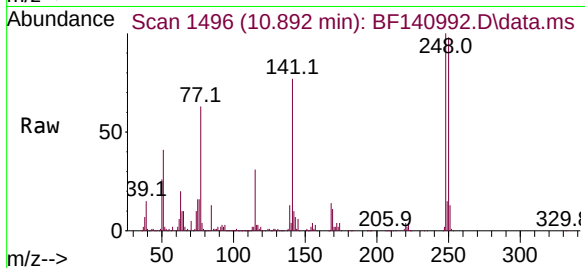
#67
4-Bromophenyl-phenylether
Concen: 53.211 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

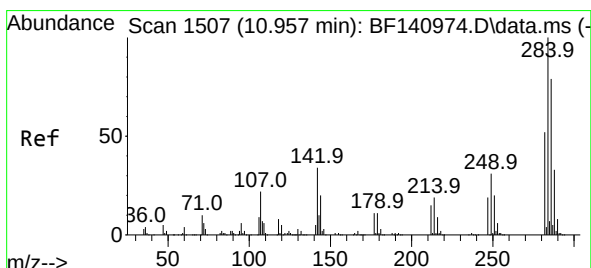
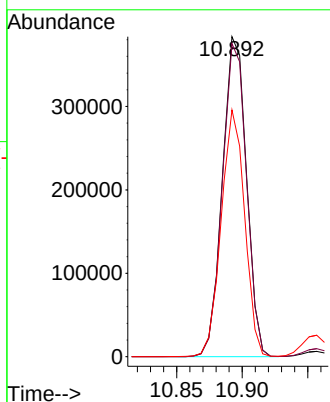
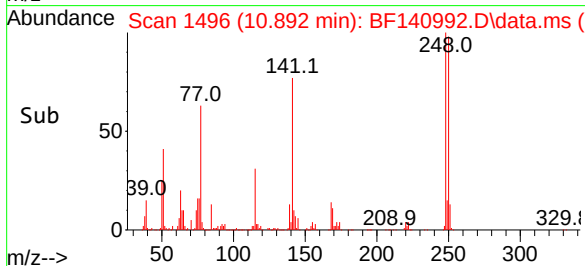


Tgt Ion:248 Resp: 490534
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 77.1 62.1 93.1

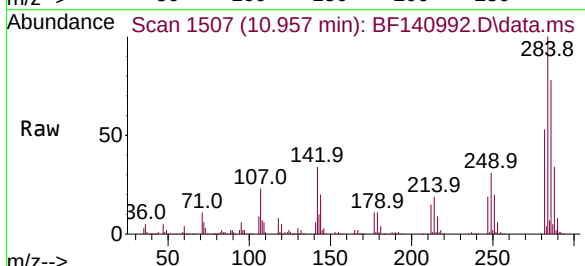
Manual Integrations

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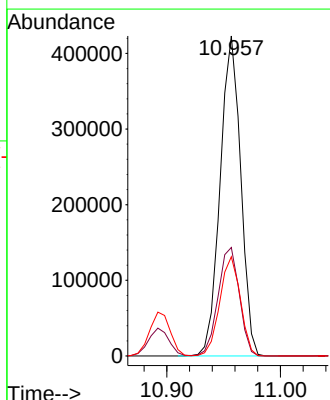
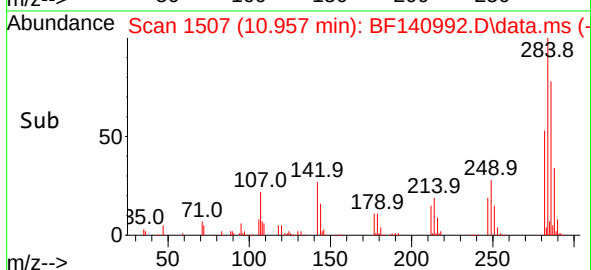
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

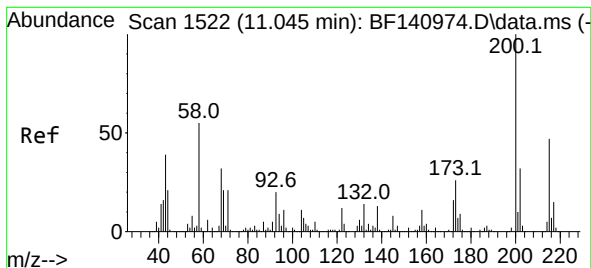


#68
Hexachlorobenzene
Concen: 52.332 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:284 Resp: 531956
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 31.0 25.1 37.7





#69

Atrazine

Concen: 64.396 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

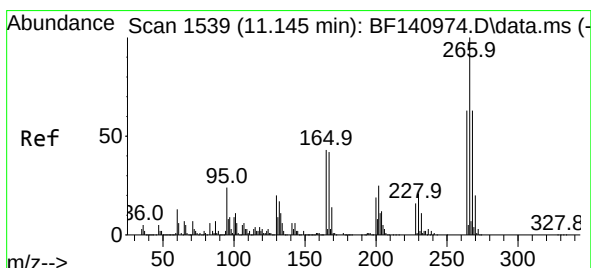
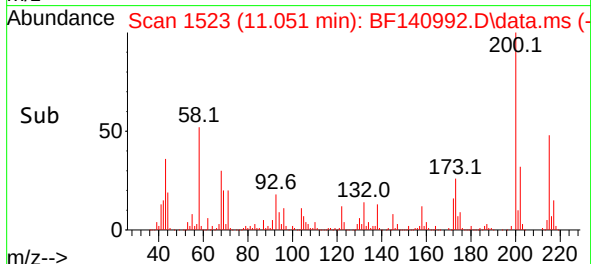
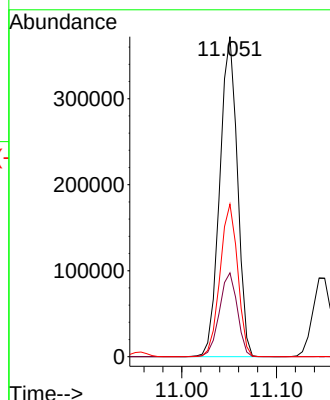
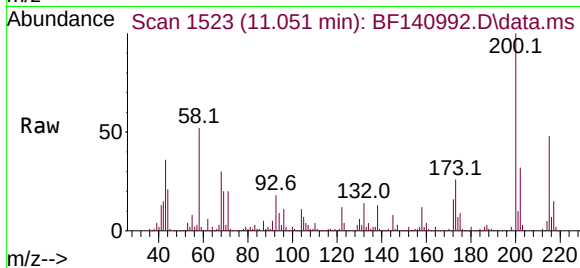
PB165845BS

Tgt Ion:200 Resp: 483104
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.4 46.4
 215 47.7 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 104.378 ng

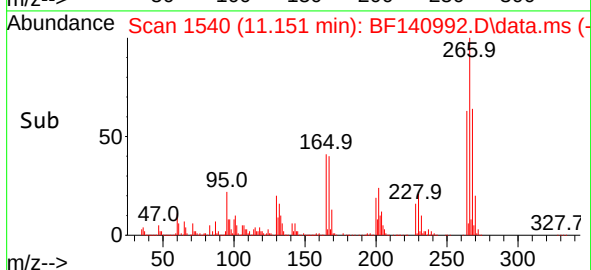
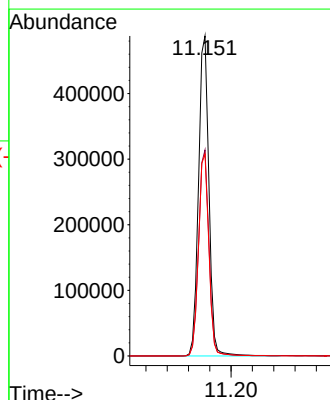
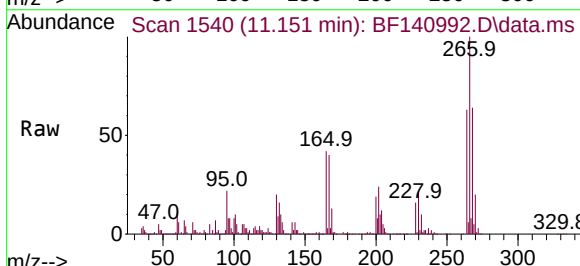
RT: 11.151 min Scan# 1540

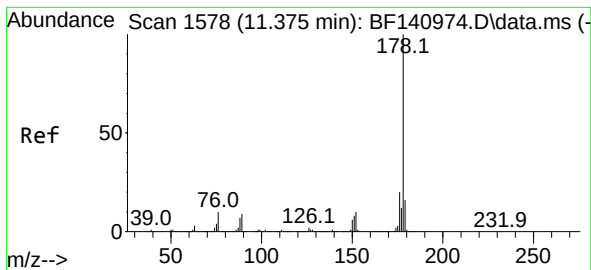
Delta R.T. 0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Tgt Ion:266 Resp: 660595
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.5 75.7
 264 63.1 50.2 75.4





#71
Phenanthrene
Concen: 52.701 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

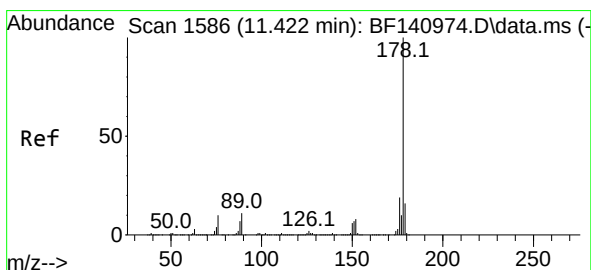
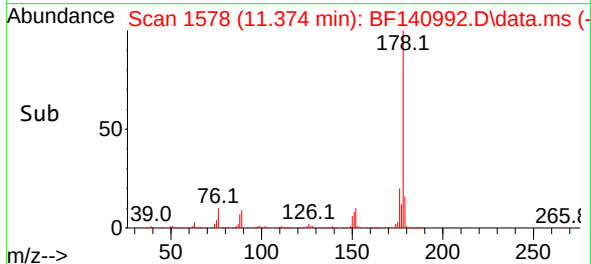
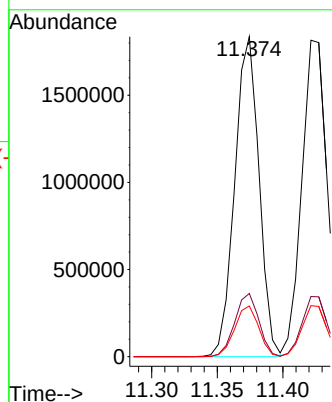
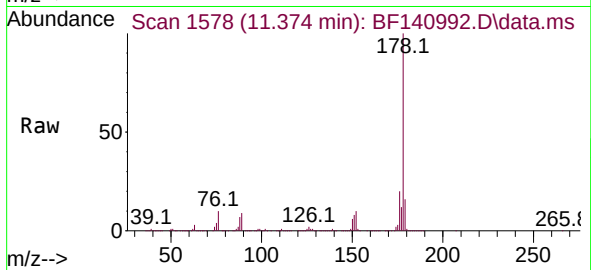
PB165845BS

Tgt Ion:178 Resp: 236536
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.6 19.0

Manual Integrations

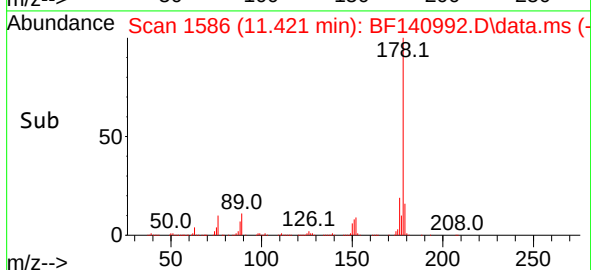
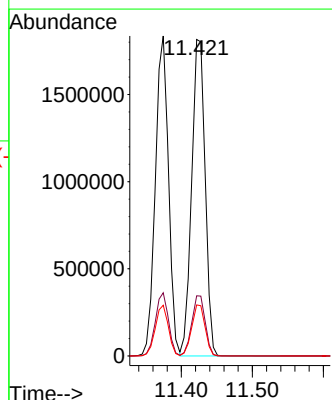
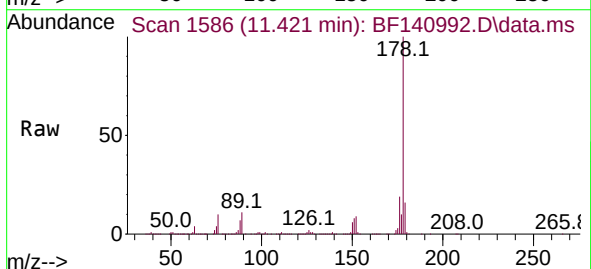
APPROVED

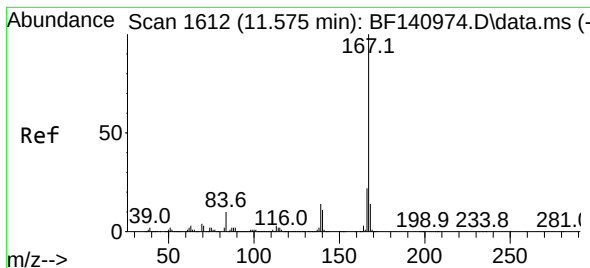
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 54.474 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:178 Resp: 2395731
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.1 12.9 19.3





#73

Carbazole

Concen: 50.570 ng

RT: 11.574 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF140992.D

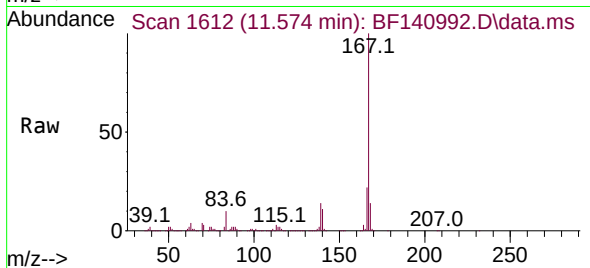
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:167 Resp: 2138020

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

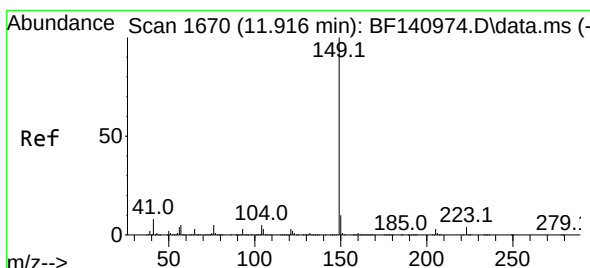
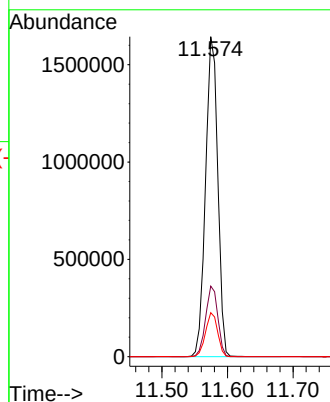
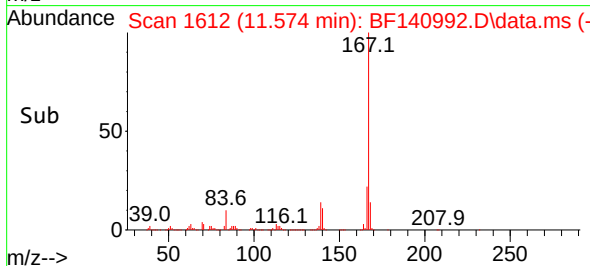
139 13.8 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#74

Di-n-butylphthalate

Concen: 51.450 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

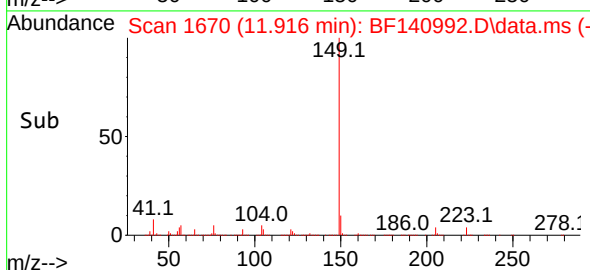
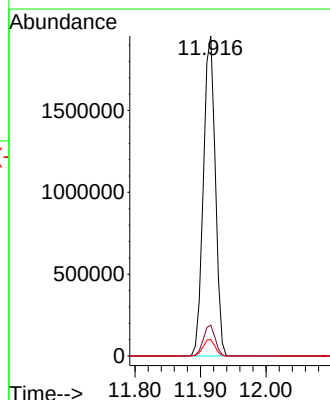
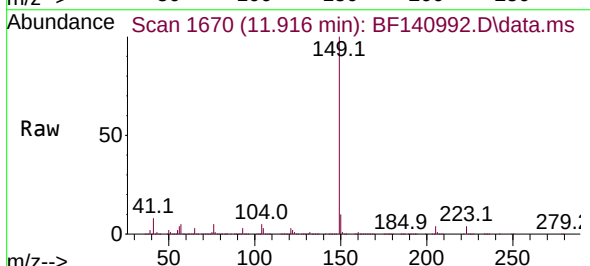
Tgt Ion:149 Resp: 2474103

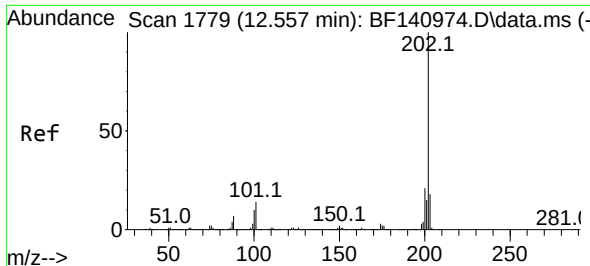
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

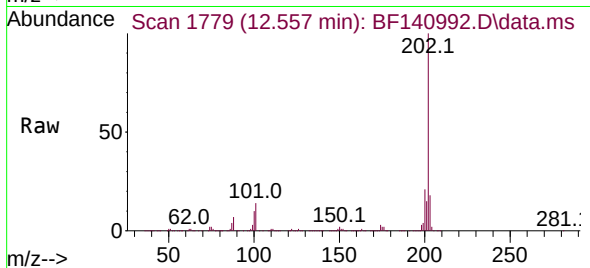
104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 49.757 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

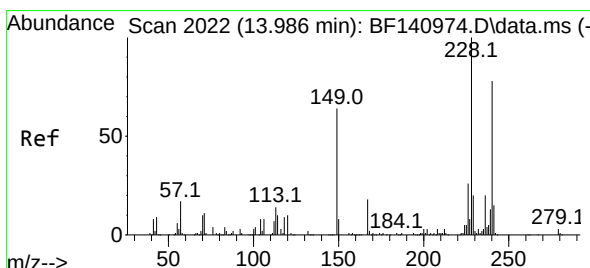
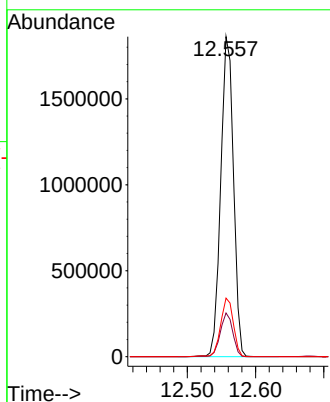
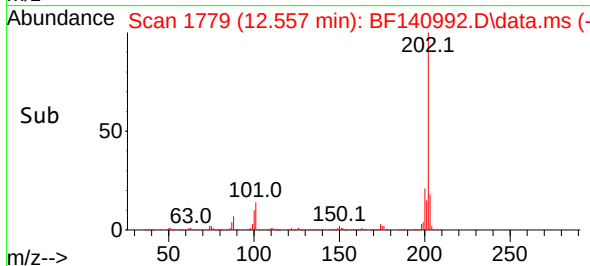
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:202 Resp: 2422070
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.7
203 18.3 0.0 38.1

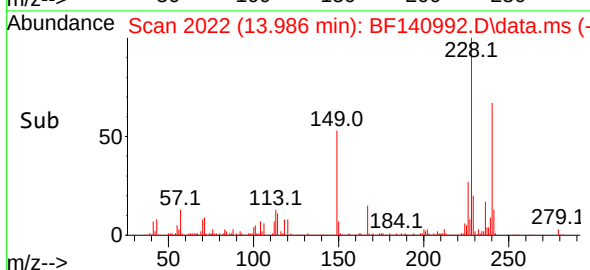
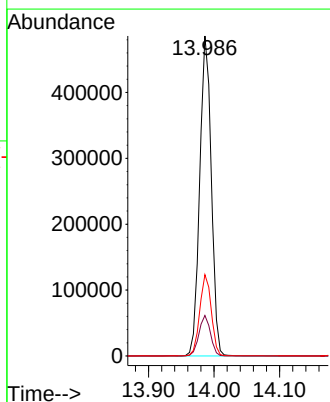
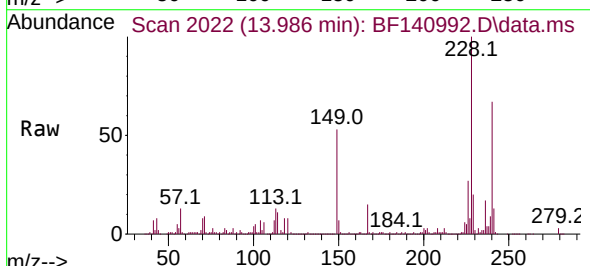
Manual Integrations
APPROVED

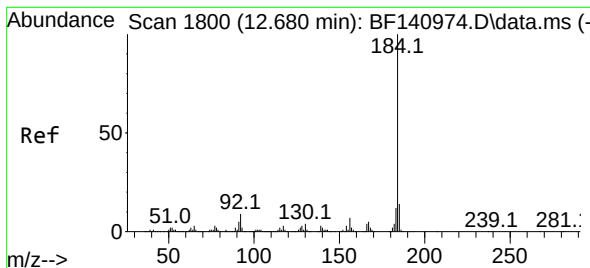
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:240 Resp: 597621
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 25.4 20.6 31.0





#77

Benzidine

Concen: 49.435 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:184 Resp: 624374

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.2

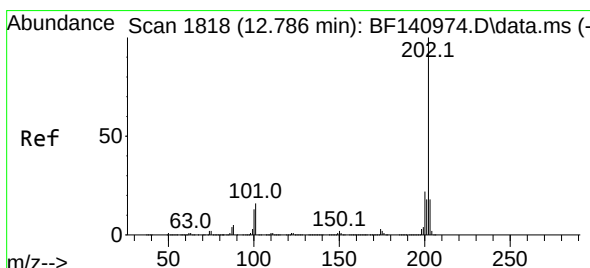
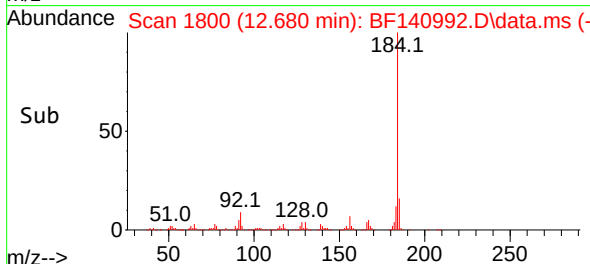
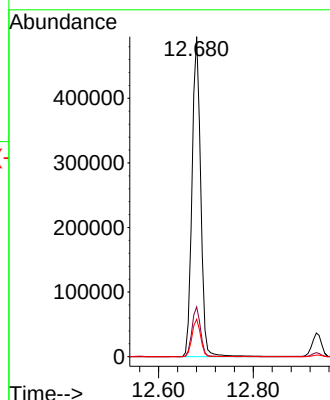
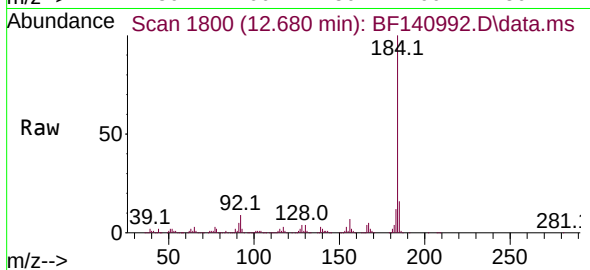
183 11.7 9.4 14.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#78

Pyrene

Concen: 48.046 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

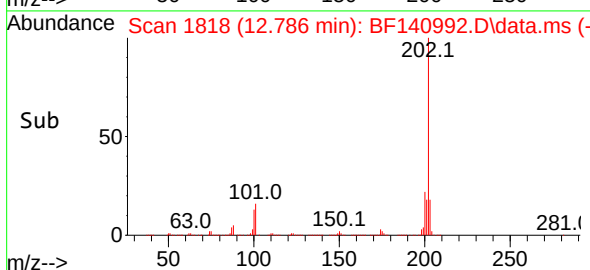
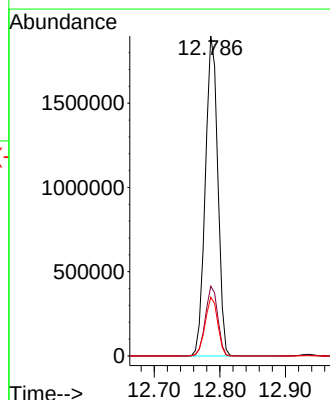
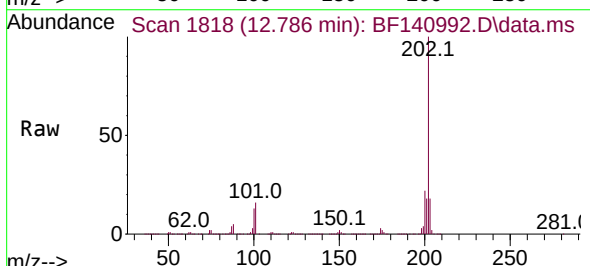
Tgt Ion:202 Resp: 2511217

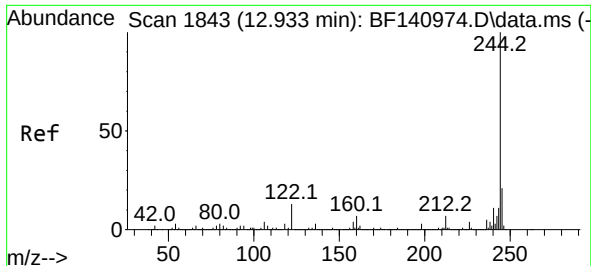
Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 18.3 14.6 21.8





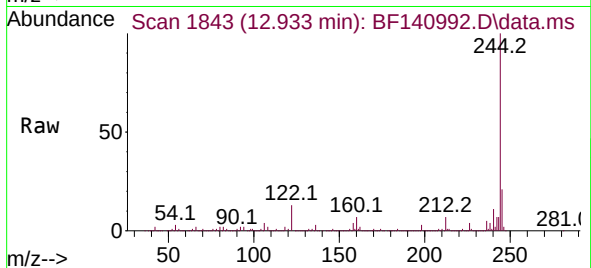
#79
 Terphenyl-d14
 Concen: 100.919 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140992.D
 Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

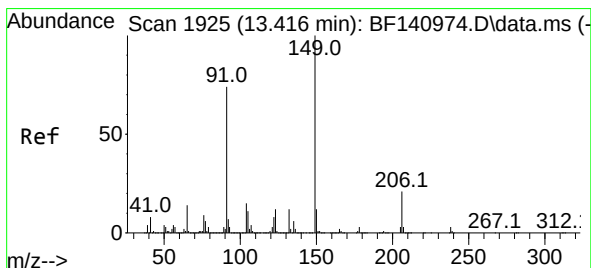
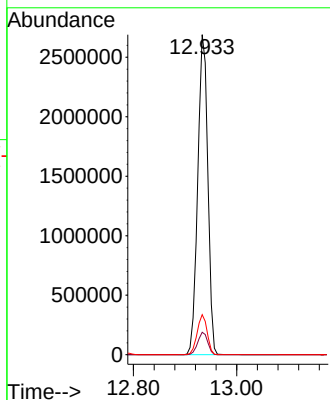
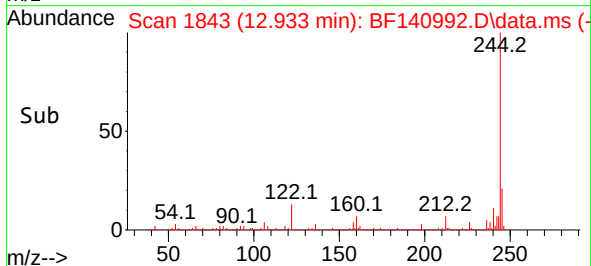


Tgt Ion:244 Resp: 3631038
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.5 10.2 15.2

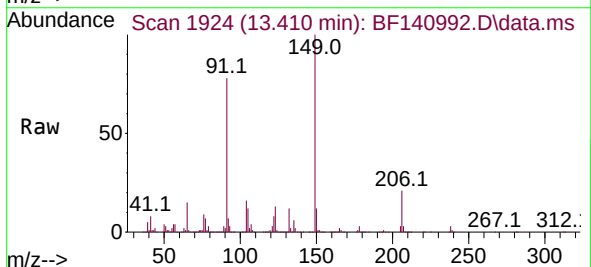
Manual Integrations

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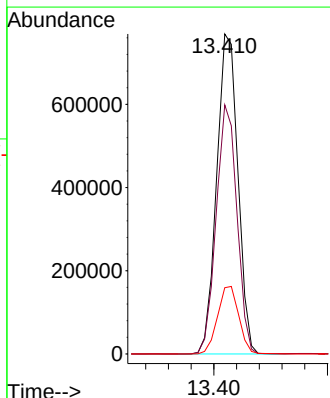
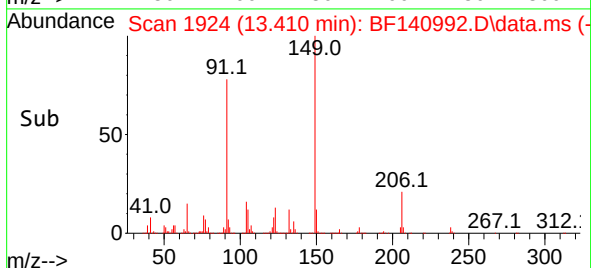
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

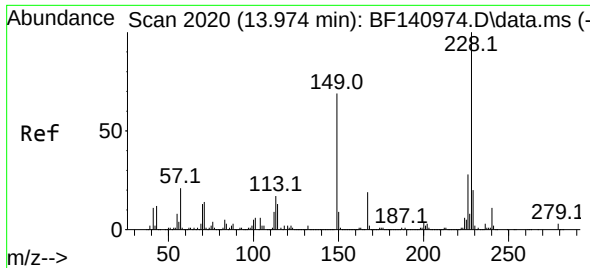


#80
 Butylbenzylphthalate
 Concen: 52.278 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF140992.D
 Acq: 27 Dec 2024 13:07



Tgt Ion:149 Resp: 997737
 Ion Ratio Lower Upper
 149 100
 91 77.8 59.5 89.3
 206 20.7 17.1 25.7





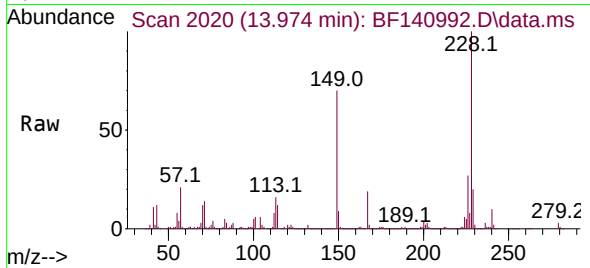
#81
Benzo(a)anthracene
Concen: 48.198 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



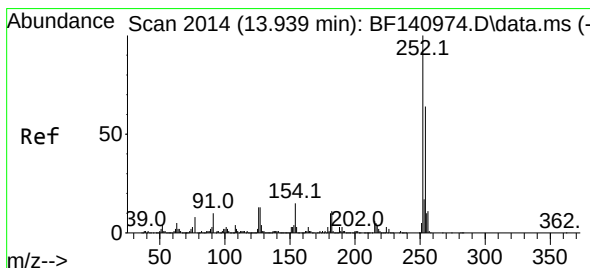
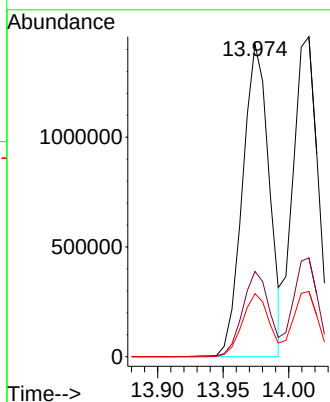
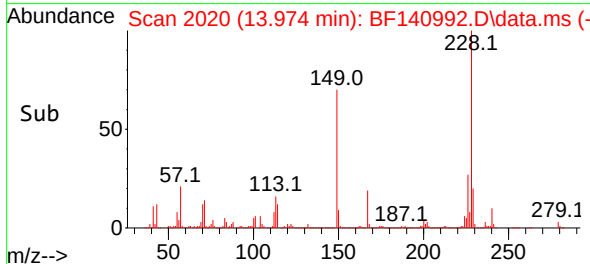
Tgt Ion:228 Resp: 2007470
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.2 16.2 24.2

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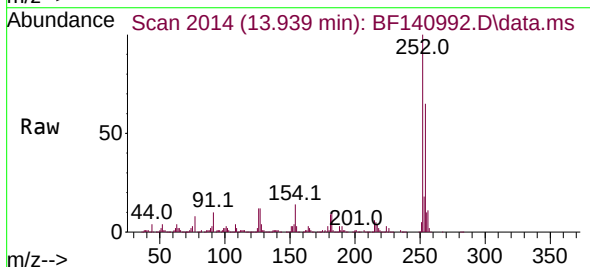
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

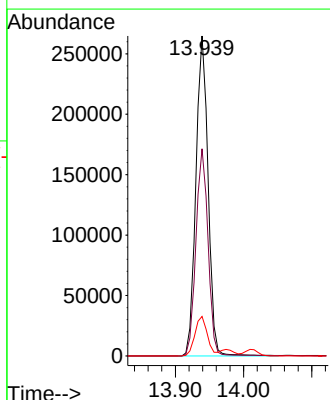
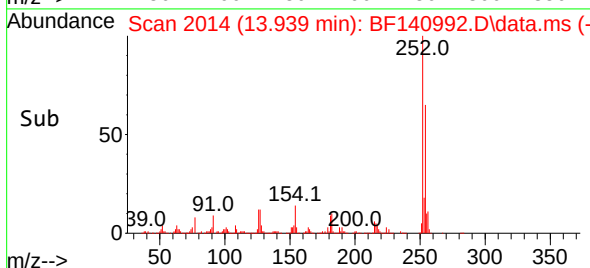
Supervised By :mohammad ahmed 12/30/2024

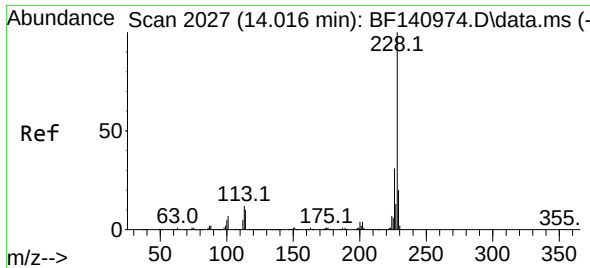


#82
3,3'-Dichlorobenzidine
Concen: 26.283 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:252 Resp: 328902
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 12.4 10.3 15.5





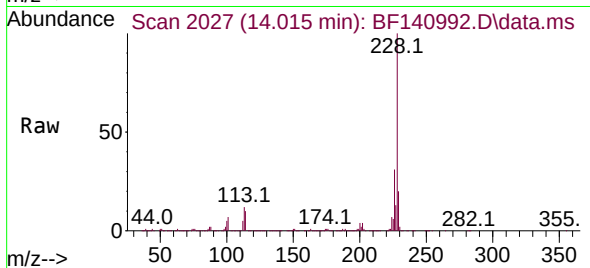
#83
Chrysene
Concen: 51.143 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



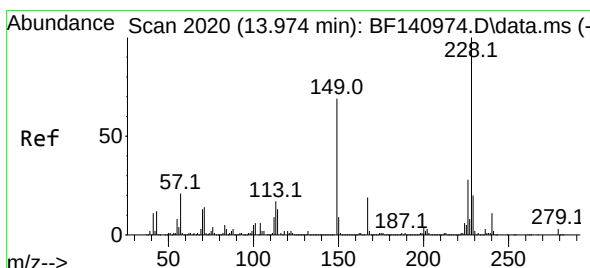
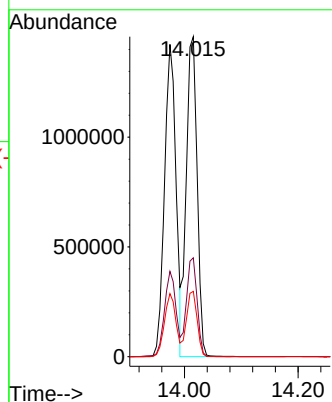
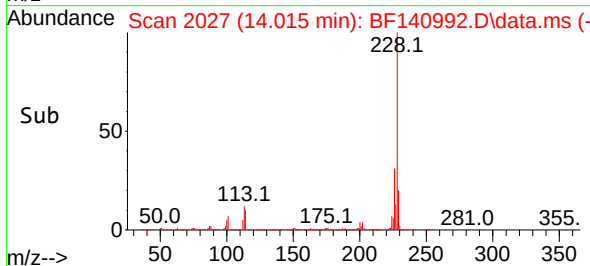
Tgt Ion:228 Resp: 192024
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.4 16.2 24.4

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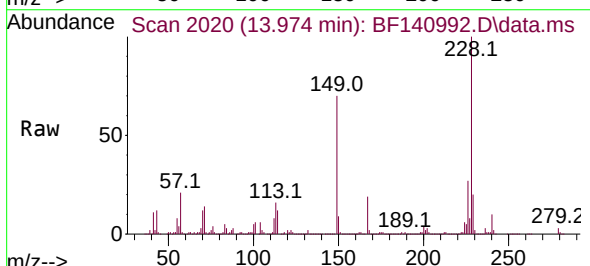
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

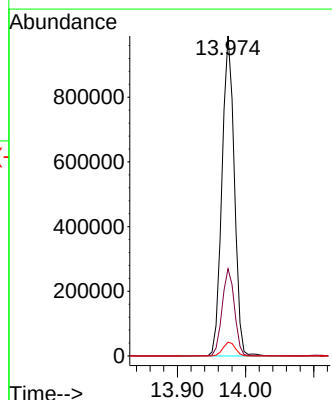
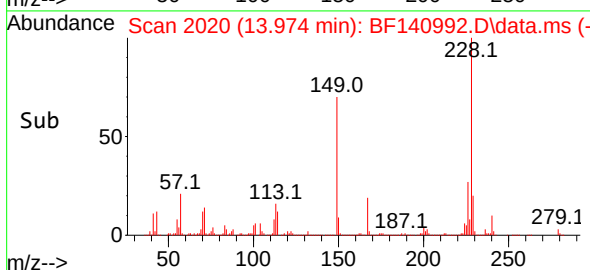
Supervised By :mohammad ahmed 12/30/2024

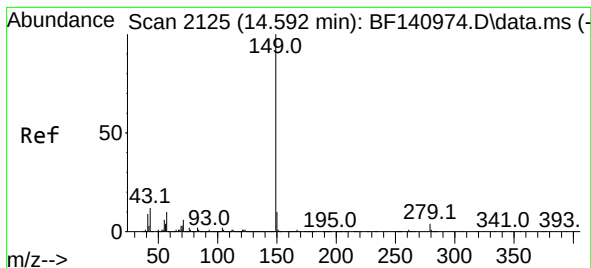


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.404 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



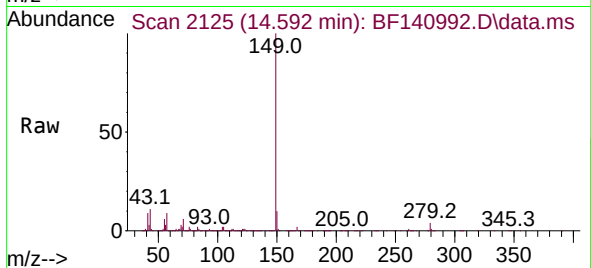
Tgt Ion:149 Resp: 1247822
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 55.120 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

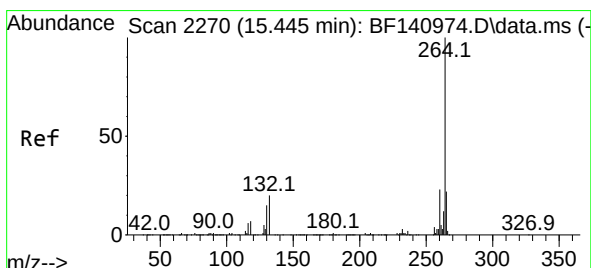
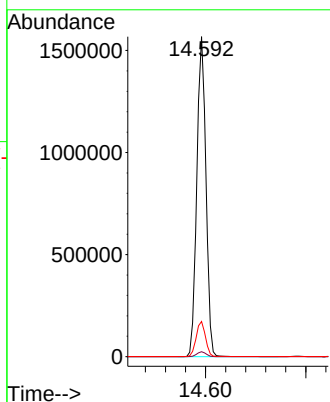
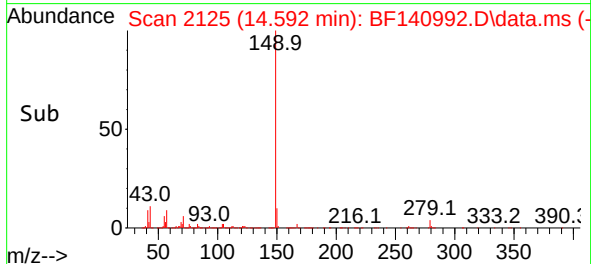
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:149 Resp: 1974999
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9

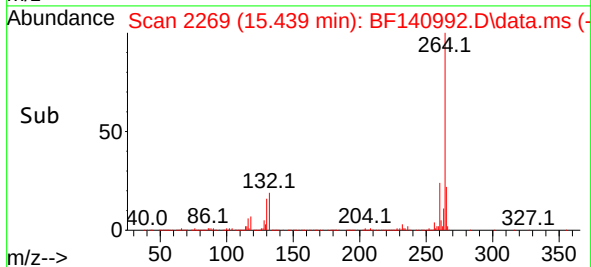
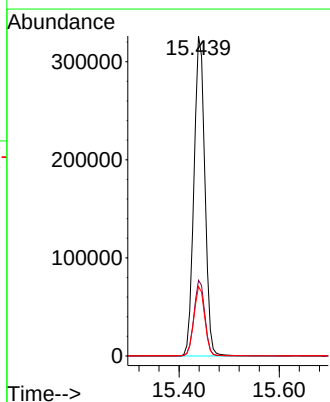
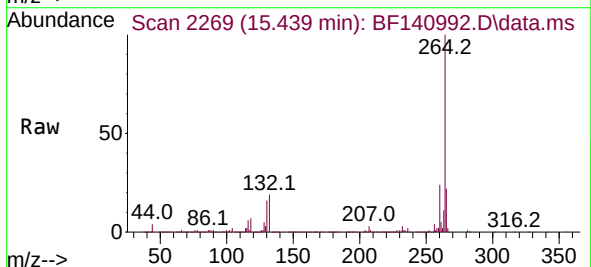
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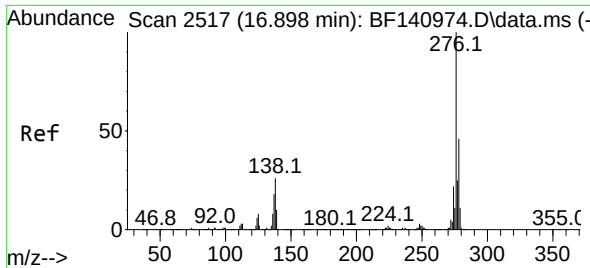
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:264 Resp: 491502
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.700 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

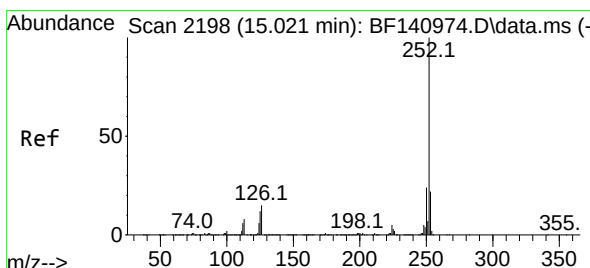
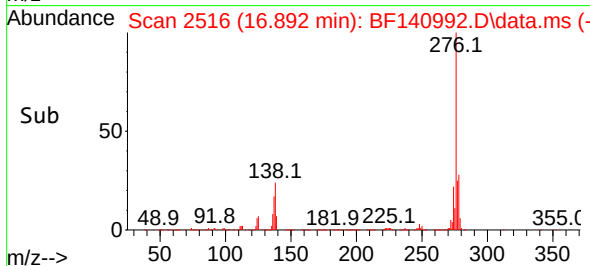
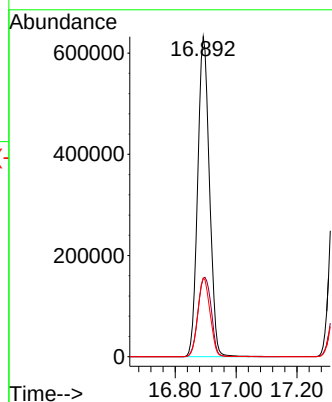
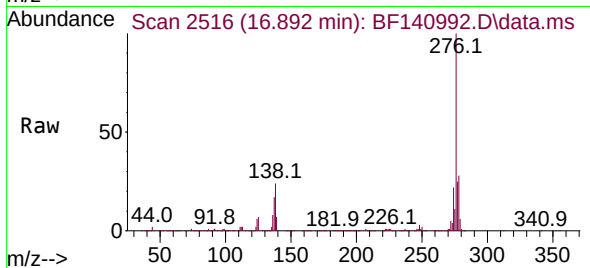
ClientSampleId :

PB165845BS

Tgt Ion:276 Resp: 169382
Ion Ratio Lower Upper
276 100
138 28.0 23.1 34.7
277 25.5 20.4 30.6

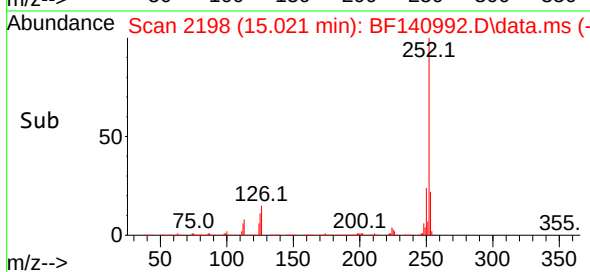
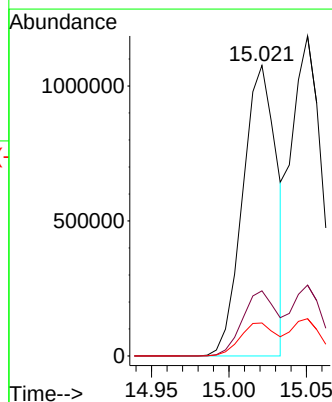
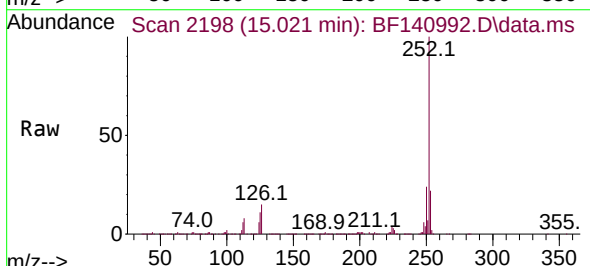
Manual Integrations
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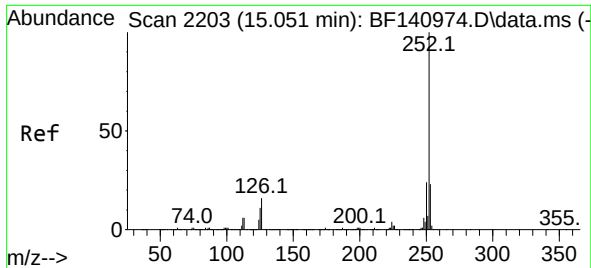
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 47.776 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:252 Resp: 1637731
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.4 9.3 13.9





#89
Benzo(k)fluoranthene
Concen: 59.542 ng
RT: 15.051 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

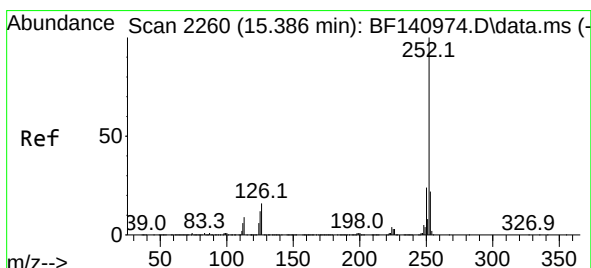
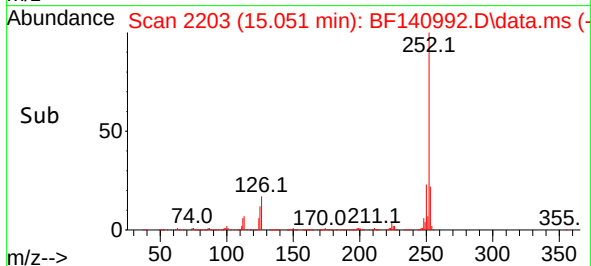
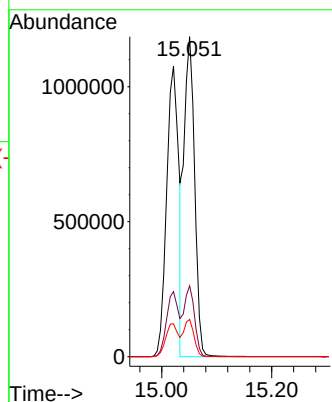
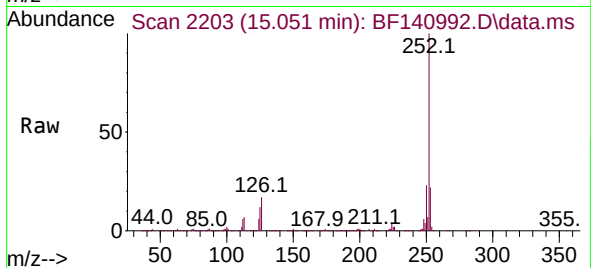
ClientSampleId :

PB165845BS

Tgt Ion:252 Resp: 159971
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.7 9.4 14.0

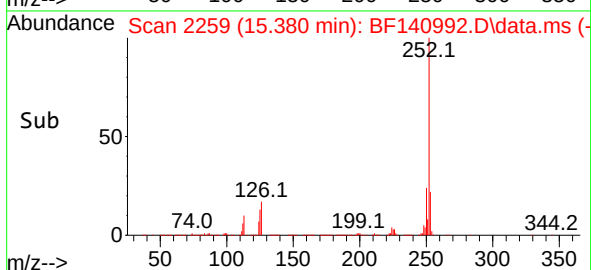
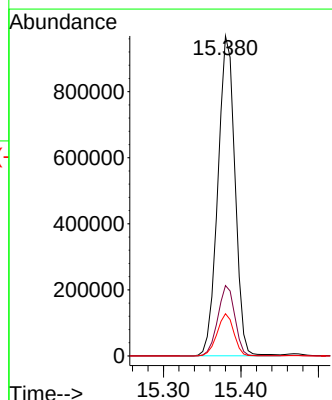
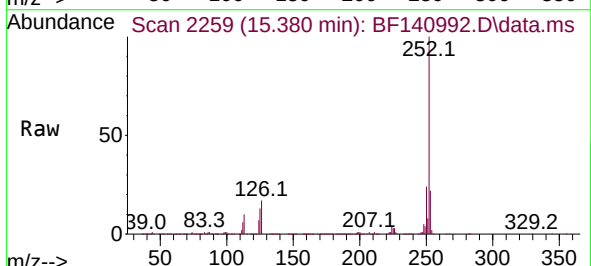
Manual Integrations
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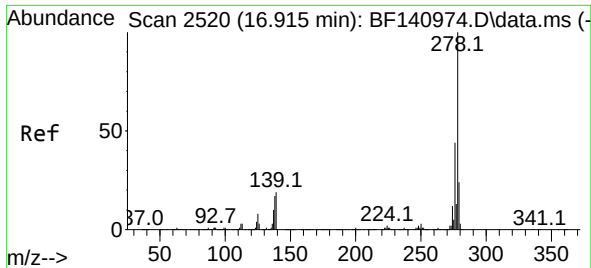
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#90
Benzo(a)pyrene
Concen: 55.772 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:252 Resp: 1483916
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 13.2 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 54.573 ng
RT: 16.915 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

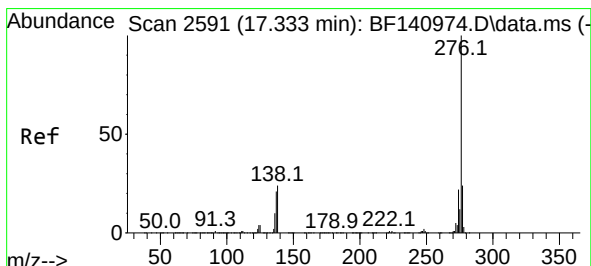
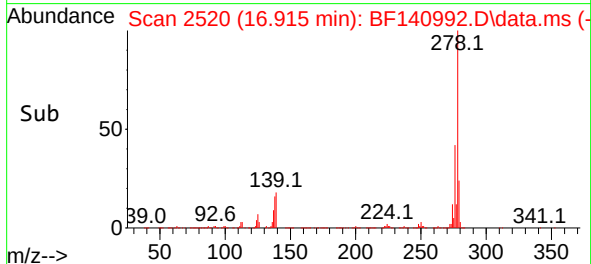
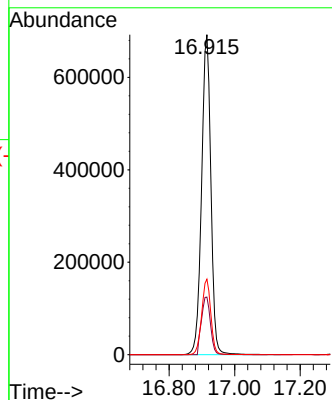
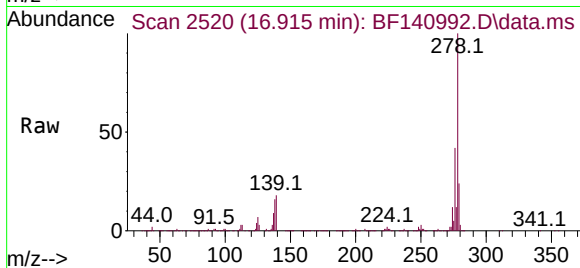
ClientSampleId :

PB165845BS

Tgt Ion:278 Resp: 136985
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 23.6 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#92
Benzo(g,h,i)perylene
Concen: 48.828 ng
RT: 17.333 min Scan# 2591
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:276 Resp: 1271204
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 23.8 19.4 29.2

