

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140984.D
 Acq On : 27 Dec 2024 09:37
 Operator : RC/JU
 Sample : PB165785BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165785BSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 10:37:50 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	253959	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1016110	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	532106	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	904810	20.000	ng	0.00
76) Chrysene-d12	13.992	240	628438	20.000	ng	0.00
86) Perylene-d12	15.445	264	514184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2354354	139.743	ng	0.01
7) Phenol-d6	6.451	99	3017465	139.031	ng	0.00
23) Nitrobenzene-d5	7.392	82	1850100	116.489	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	860215	166.370	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3260609	97.630	ng	0.00
79) Terphenyl-d14	12.939	244	3760105	99.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	326794	42.844	ng	99
3) Pyridine	3.398	79	871449	46.750	ng	100
4) n-Nitrosodimethylamine	3.351	42	471790	49.953	ng	99
6) Aniline	6.492	93	1014696	52.422	ng	99
8) 2-Chlorophenol	6.610	128	934757	52.625	ng	98
9) Benzaldehyde	6.375	77	200411	13.382	ng	99
10) Phenol	6.469	94	1167442	52.021	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	880951	48.616	ng	100
12) 1,3-Dichlorobenzene	6.769	146	930103	47.447	ng	99
13) 1,4-Dichlorobenzene	6.845	146	948856	48.015	ng	100
14) 1,2-Dichlorobenzene	6.998	146	914577	49.637	ng	98
15) Benzyl Alcohol	6.969	79	812513	52.097	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1411383	51.504	ng	100
17) 2-Methylphenol	7.075	107	754906	51.156	ng	99
18) Hexachloroethane	7.339	117	347015	49.432	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	663541	49.904	ng	100
20) 3+4-Methylphenols	7.228	107	920700	49.303	ng	94
22) Acetophenone	7.239	105	1222617	49.049	ng	98
24) Nitrobenzene	7.410	77	950854	53.579	ng	98
25) Isophorone	7.651	82	1764078	51.043	ng	99
26) 2-Nitrophenol	7.728	139	411742	55.663	ng	99
27) 2,4-Dimethylphenol	7.757	122	756202	59.870	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1071039	48.913	ng	100
29) 2,4-Dichlorophenol	7.963	162	737582	51.488	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	767712	47.349	ng	99
31) Naphthalene	8.133	128	2602954	48.614	ng	100
32) Benzoic acid	7.875	122	523309	49.969	ng	98
33) 4-Chloroaniline	8.175	127	526677	27.190	ng	99
34) Hexachlorobutadiene	8.251	225	457137	47.825	ng	99
35) Caprolactam	8.539	113	247248m	50.770	ng	
36) 4-Chloro-3-methylphenol	8.651	107	800376	50.310	ng	99
37) 2-Methylnaphthalene	8.822	142	1696109	49.517	ng	99
38) 1-Methylnaphthalene	8.922	142	1578659	46.895	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	733010	50.073	ng	99
41) Hexachlorocyclopentadiene	8.975	237	882584	181.932	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	540952	55.522	ng	99

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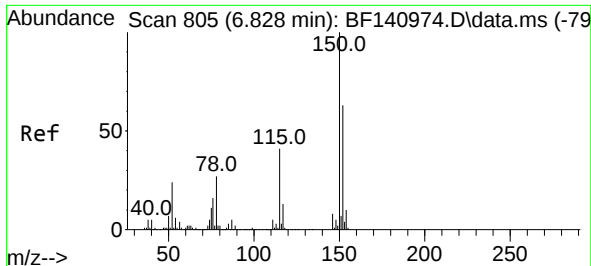
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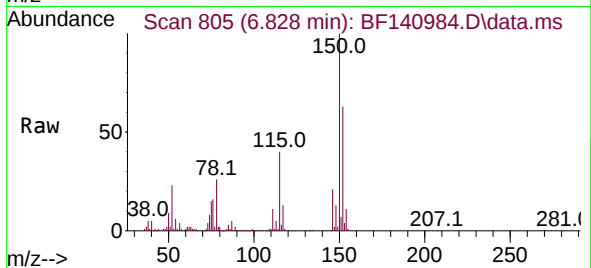
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	507405	50.899	ng	99
46) 1,1'-Biphenyl	9.286	154	2035161	49.951	ng	100
47) 2-Chloronaphthalene	9.310	162	1533251	48.522	ng	100
48) 2-Nitroaniline	9.404	65	476212	56.678	ng	95
49) Acenaphthylene	9.727	152	2375936	52.232	ng	99
50) Dimethylphthalate	9.592	163	1795249	51.292	ng	100
51) 2,6-Dinitrotoluene	9.645	165	388369	53.922	ng	99
52) Acenaphthene	9.898	154	1705489	55.459	ng	99
53) 3-Nitroaniline	9.810	138	291246	38.233	ng	# 98
54) 2,4-Dinitrophenol	9.916	184	318129	100.185	ng	# 1
55) Dibenzofuran	10.069	168	2177855	50.393	ng	100
56) 4-Nitrophenol	9.969	139	726570	121.357	ng	97
57) 2,4-Dinitrotoluene	10.051	165	510146	57.431	ng	99
58) Fluorene	10.410	166	1639301	48.915	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	458456	55.529	ng	98
60) Diethylphthalate	10.292	149	1738608	50.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	790171	49.001	ng	99
62) 4-Nitroaniline	10.427	138	413701	52.975	ng	97
63) Azobenzene	10.569	77	1841461	50.774	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	222859	59.094	ng	93
66) n-Nitrosodiphenylamine	10.522	169	1501114	52.685	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	516293	52.784	ng	97
68) Hexachlorobenzene	10.957	284	559415	51.868	ng	99
69) Atrazine	11.051	200	517970	65.073	ng	99
70) Pentachlorophenol	11.151	266	718542	107.006	ng	100
71) Phenanthrene	11.374	178	2494109	52.374	ng	100
72) Anthracene	11.427	178	2515336	53.905	ng	99
73) Carbazole	11.580	167	2291026	51.073	ng	100
74) Di-n-butylphthalate	11.916	149	2610419	51.163	ng	100
75) Fluoranthene	12.563	202	2568604	49.733	ng	99
77) Benzidine	12.680	184	872472	65.691	ng	99
78) Pyrene	12.786	202	2709587	49.299	ng	99
80) Butylbenzylphthalate	13.415	149	1066014	53.116	ng	98
81) Benzo(a)anthracene	13.980	228	2150700	49.104	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	455155	34.589	ng	99
83) Chrysene	14.015	228	1987581	50.340	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	1354190	52.018	ng	100
85) Di-n-octyl phthalate	14.598	149	2091584	55.511	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	1866789	57.626	ng	99
88) Benzo(b)fluoranthene	15.027	252	1746067	48.689	ng	99
89) Benzo(k)fluoranthene	15.057	252	1634528	58.154	ng	99
90) Benzo(a)pyrene	15.386	252	1548637	55.637	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	1507250	57.398	ng	100
92) Benzo(g,h,i)perylene	17.339	276	1435370	52.701	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

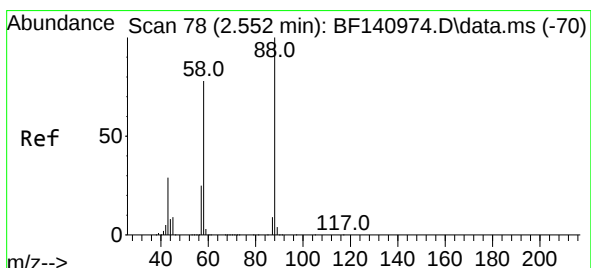
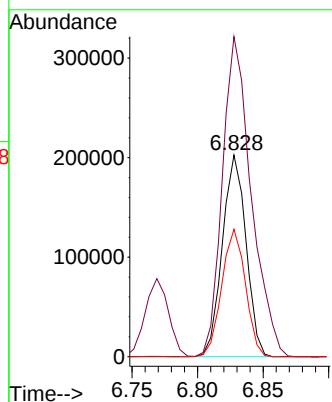
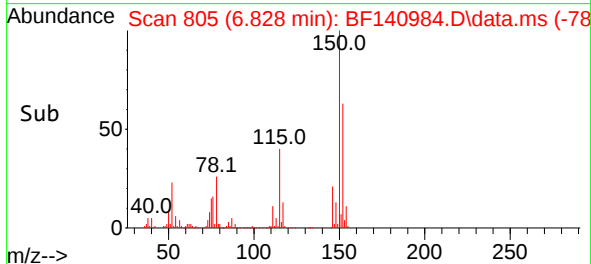
Instrument :
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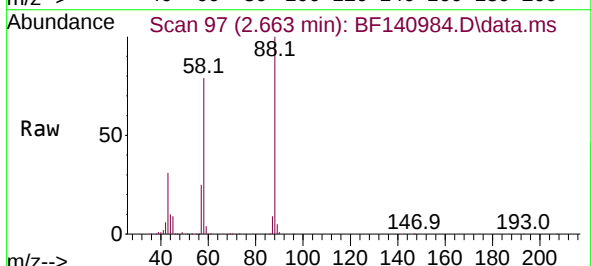
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Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 63.2 51.7 77.5

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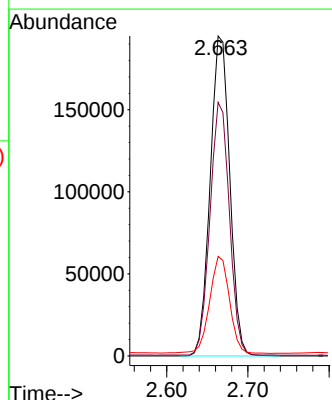
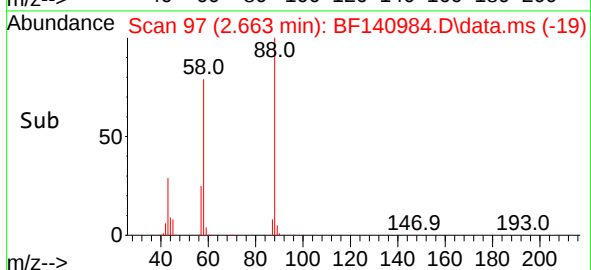
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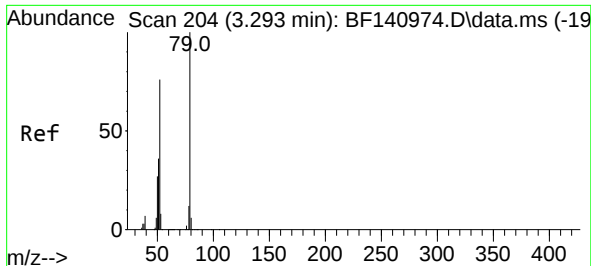


#2
1,4-Dioxane
Concen: 42.844 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.112 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



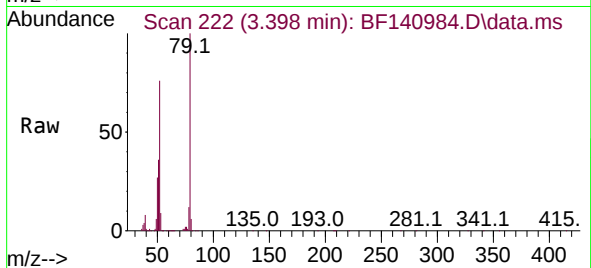
Tgt Ion: 88 Resp: 326794
Ion Ratio Lower Upper
88 100
58 78.3 63.0 94.4
43 30.7 23.4 35.2





#3
Pyridine
Concen: 46.750 ng
RT: 3.398 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

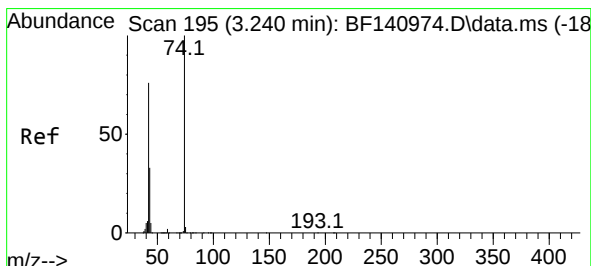
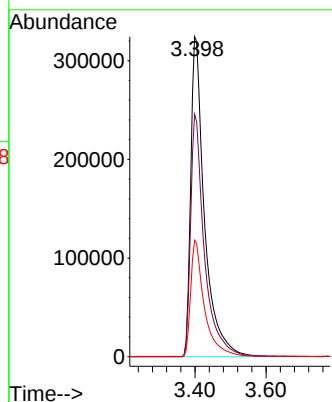
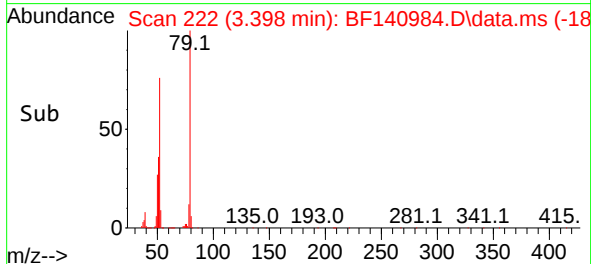
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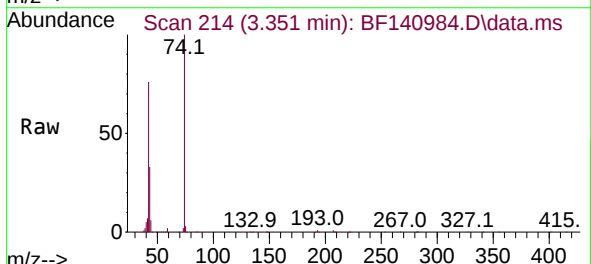
Tgt Ion: 79 Resp: 871449
Ion Ratio Lower Upper
79 100
52 75.8 60.4 90.6
51 36.4 28.8 43.2

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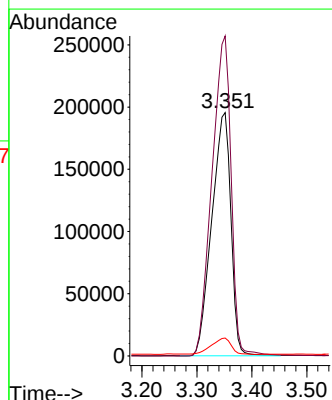
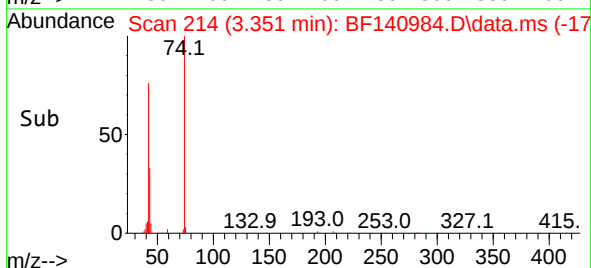
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

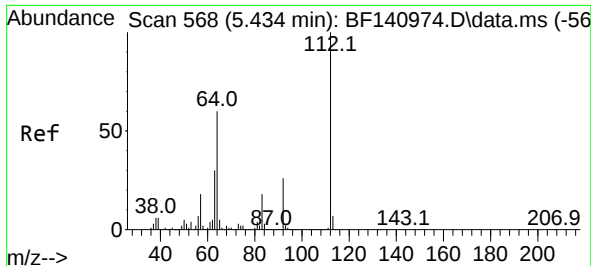


#4
n-Nitrosodimethylamine
Concen: 49.953 ng
RT: 3.351 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion: 42 Resp: 471790
Ion Ratio Lower Upper
42 100
74 131.5 105.8 158.6
44 7.4 6.6 10.0





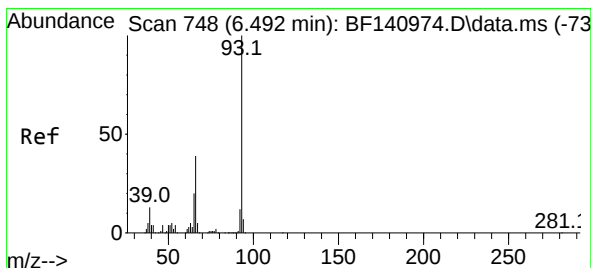
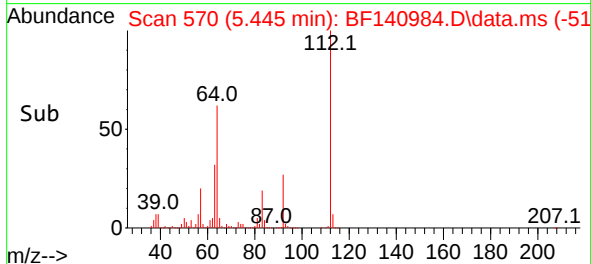
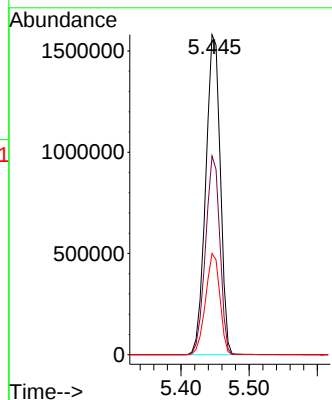
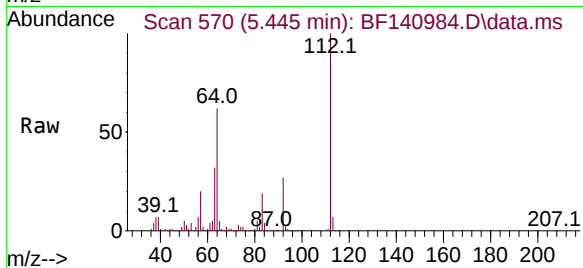
#5
2-Fluorophenol
Concen: 139.743 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

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ClientSampleId :
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Tgt Ion:112 Resp: 2354354
Ion Ratio Lower Upper
112 100
64 62.1 47.7 71.5
63 31.6 24.2 36.2

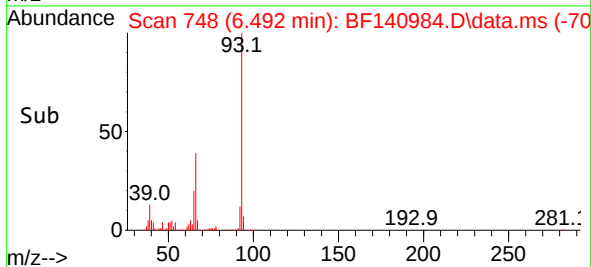
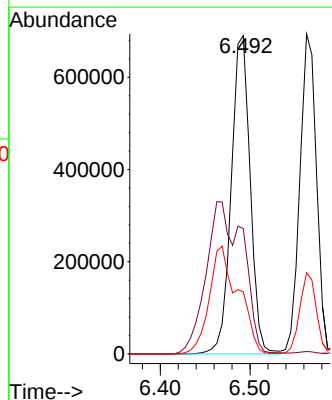
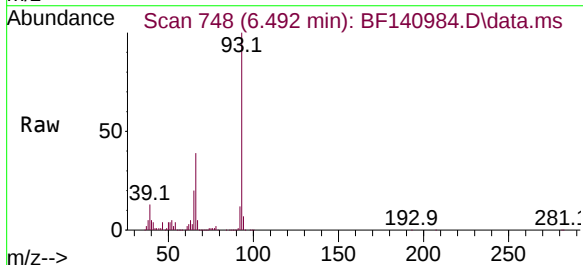
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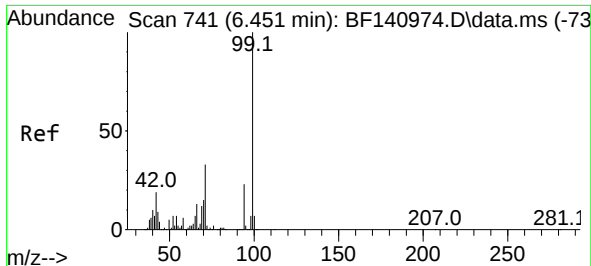
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 52.422 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion: 93 Resp: 1014696
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 19.6 15.4 23.0





#7

Phenol-d6

Concen: 139.031 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion: 99 Resp: 301746

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

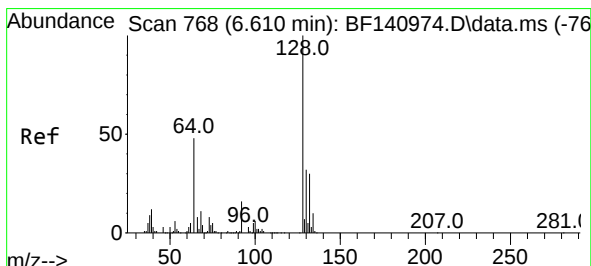
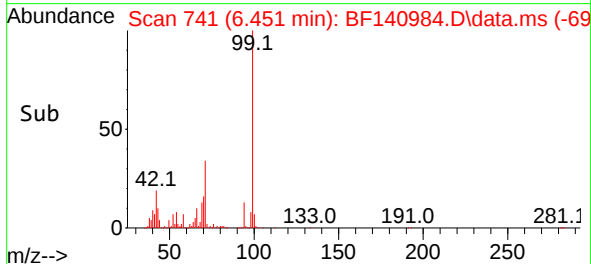
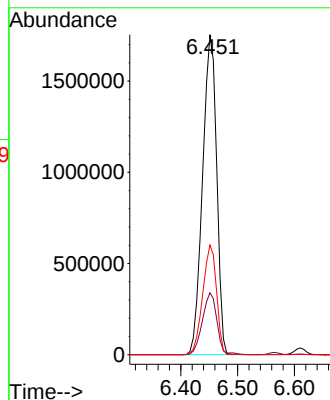
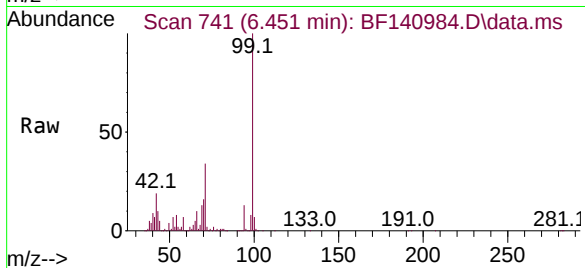
71 34.3 26.2 39.2

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#8

2-Chlorophenol

Concen: 52.625 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

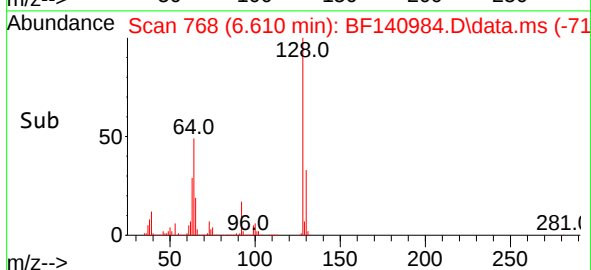
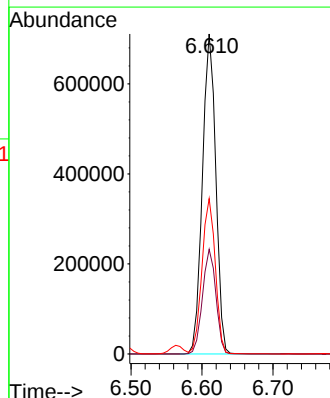
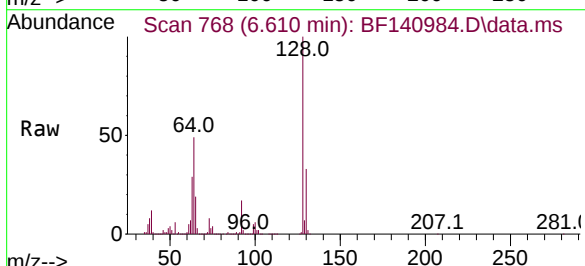
Tgt Ion:128 Resp: 934757

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

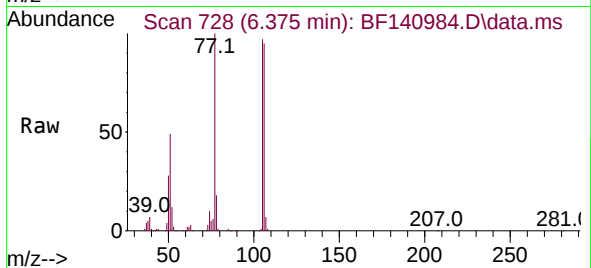
64 48.6 30.3 70.3





#9
Benzaldehyde
Concen: 13.382 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

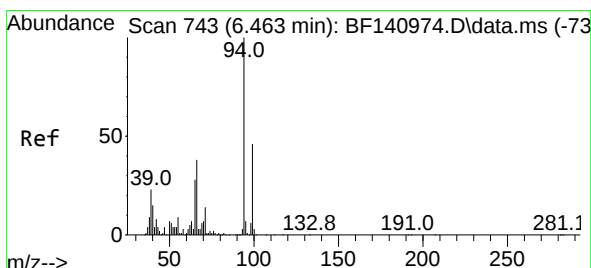
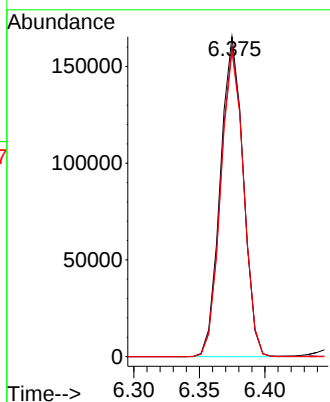
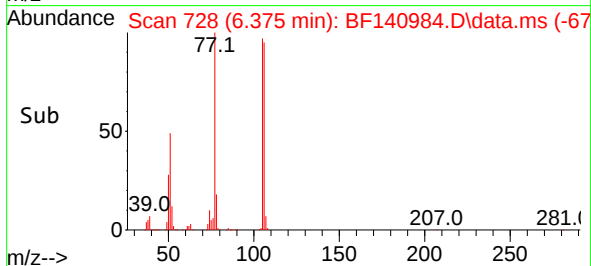
Instrument :
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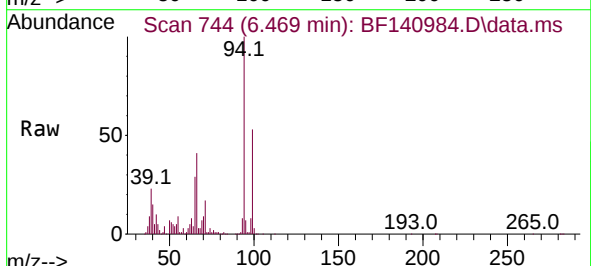
Tgt Ion: 77 Resp: 20041
Ion Ratio Lower Upper
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105 97.1 76.2 116.2
106 95.3 73.4 113.4

Manual Integrations
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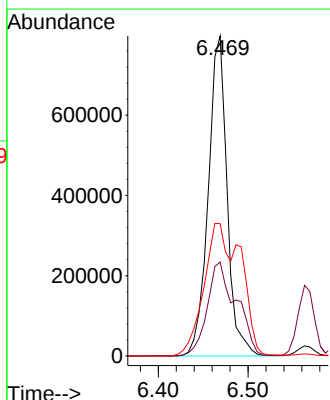
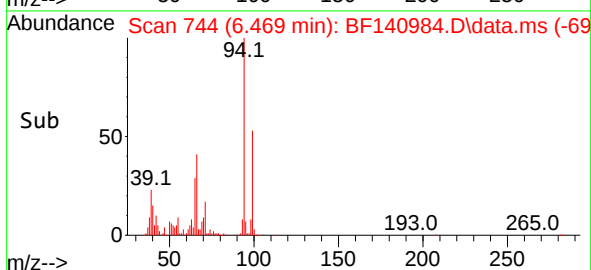
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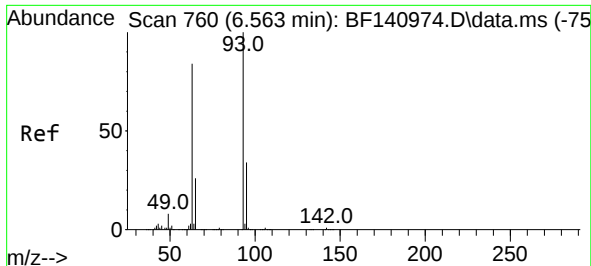


#10
Phenol
Concen: 52.021 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



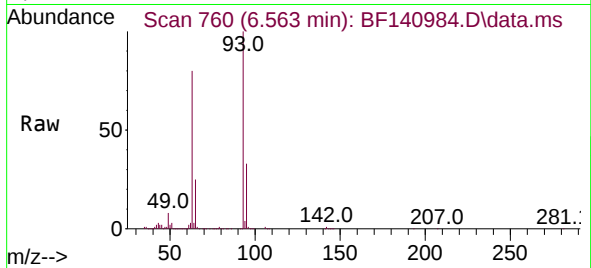
Tgt Ion: 94 Resp: 1167442
Ion Ratio Lower Upper
94 100
65 29.3 8.1 48.1
66 41.3 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 48.616 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

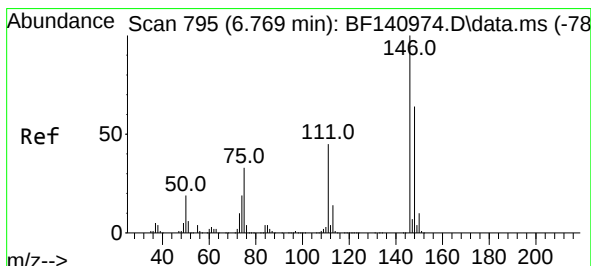
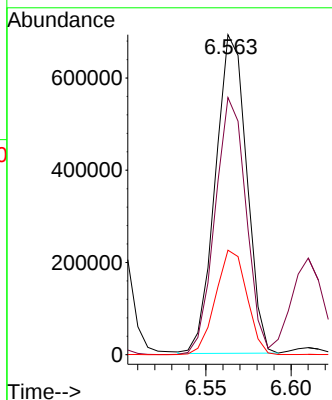
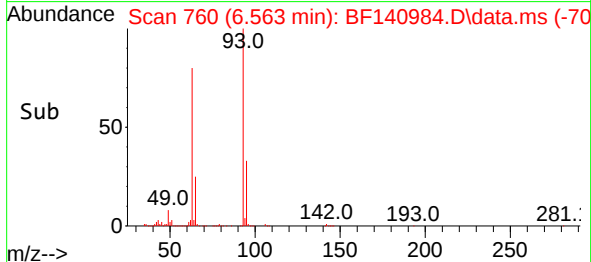
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion: 93 Resp: 88095
Ion Ratio Lower Upper
93 100
63 80.3 60.3 100.3
95 32.6 12.2 52.2

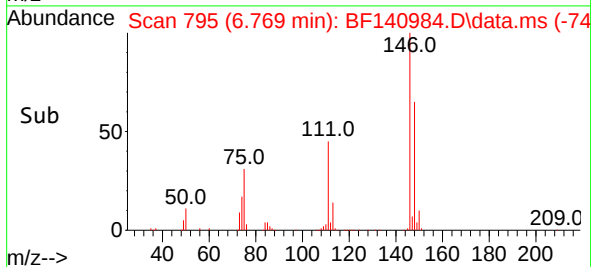
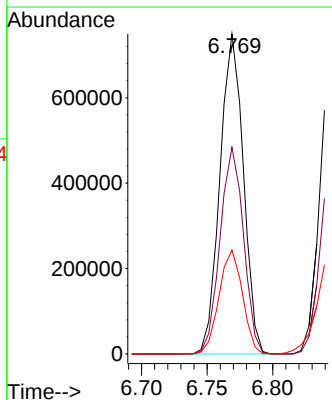
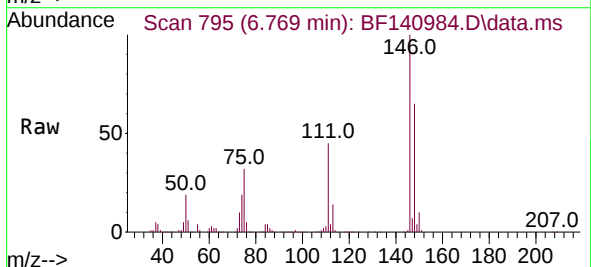
Manual Integrations
APPROVED

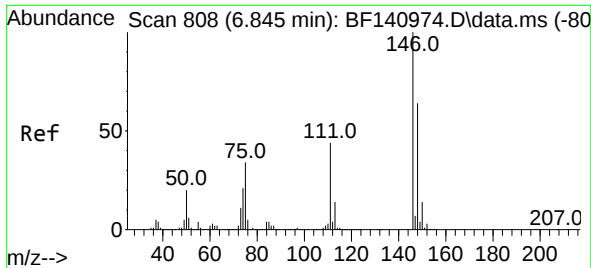
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
1,3-Dichlorobenzene
Concen: 47.447 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:146 Resp: 930103
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 32.5 26.1 39.1





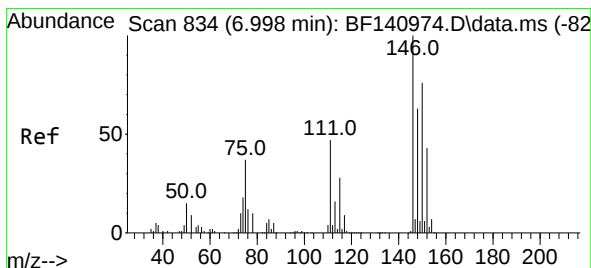
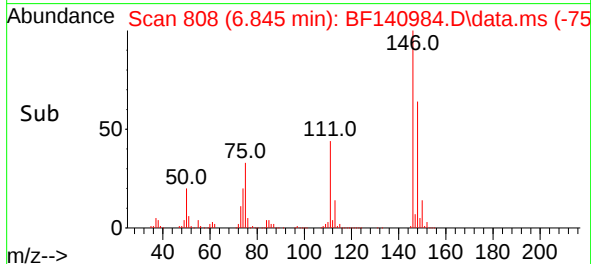
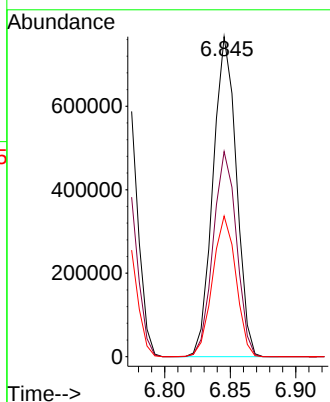
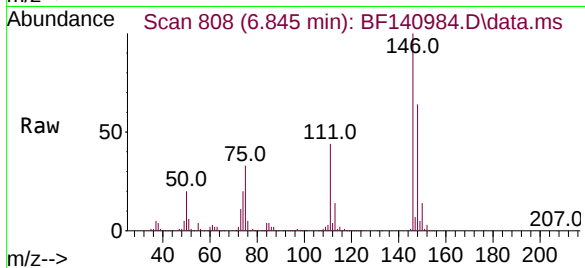
#13
1,4-Dichlorobenzene
Concen: 48.015 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :
BNA_F
ClientSampleId :
PB165785BSD

Tgt Ion:146 Resp: 948850
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 44.0 35.3 52.9

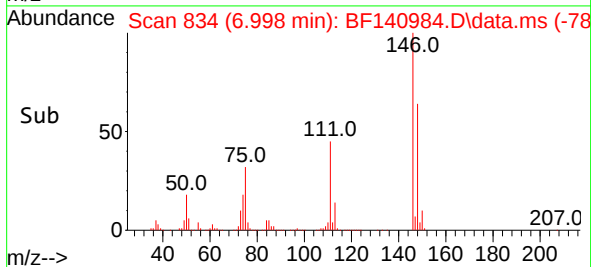
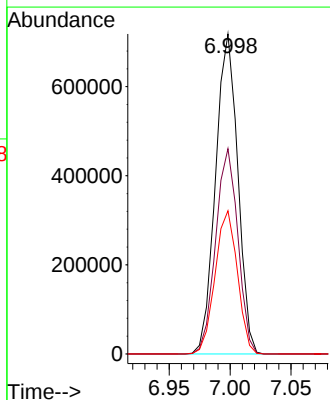
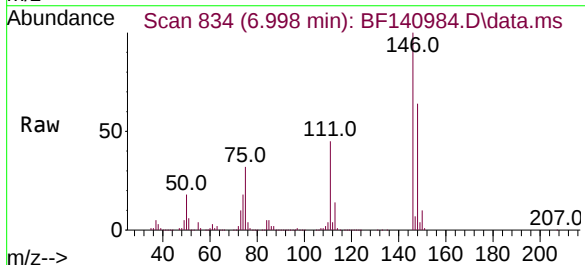
Manual Integrations
APPROVED

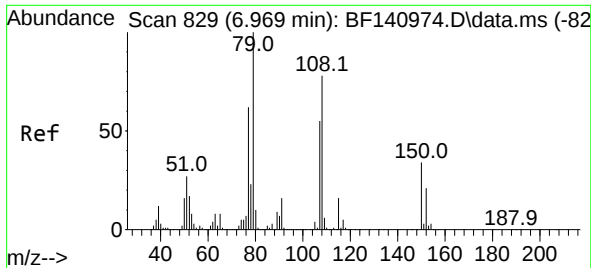
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
1,2-Dichlorobenzene
Concen: 49.637 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

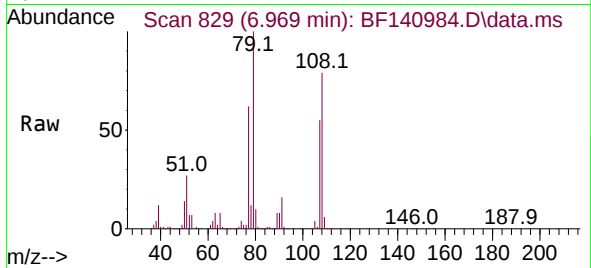
Tgt Ion:146 Resp: 914577
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
111 44.7 37.3 55.9





#15
Benzyl Alcohol
Concen: 52.097 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

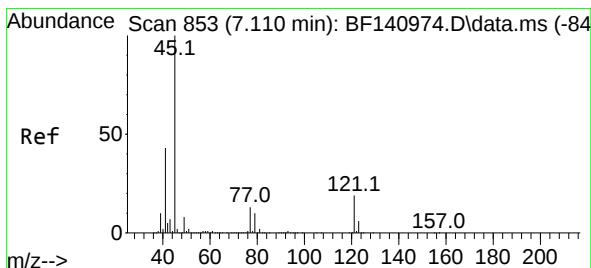
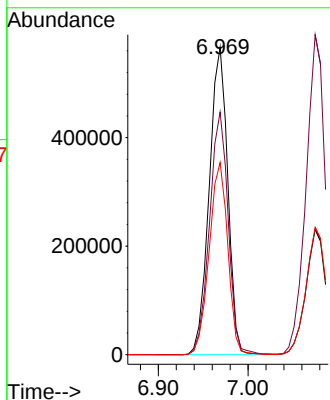
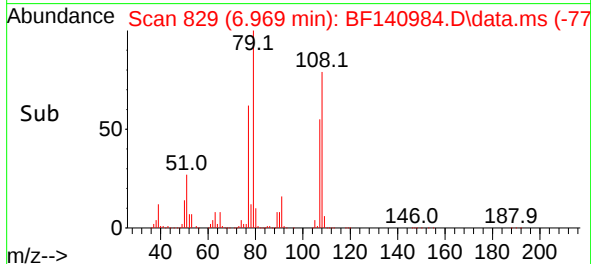
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



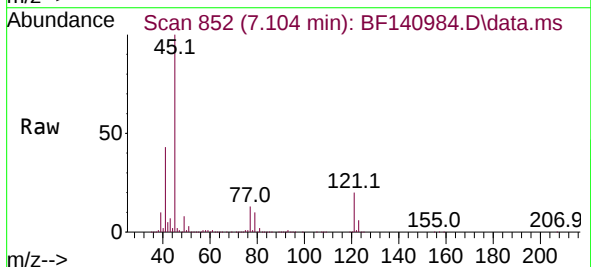
Tgt Ion: 79 Resp: 81251
Ion Ratio Lower Upper
79 100
108 78.9 62.5 93.7
77 62.5 49.3 73.9

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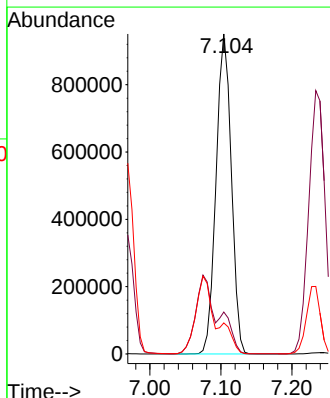
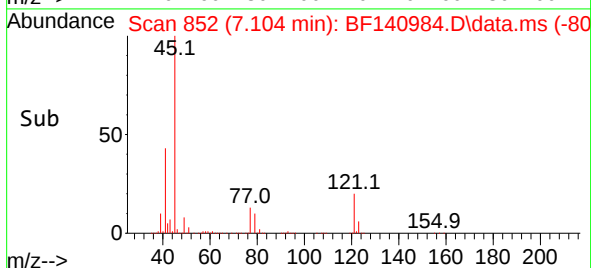
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

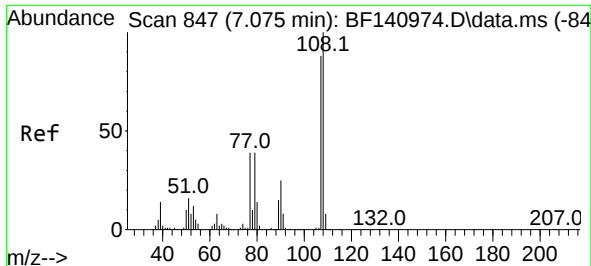


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.504 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion: 45 Resp: 1411383
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.1
79 9.7 0.0 30.1





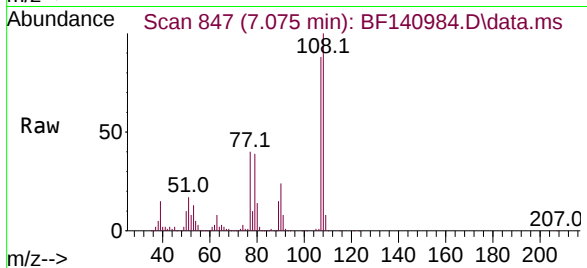
#17
2-Methylphenol
Concen: 51.156 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



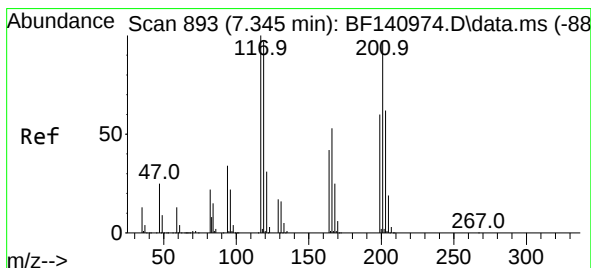
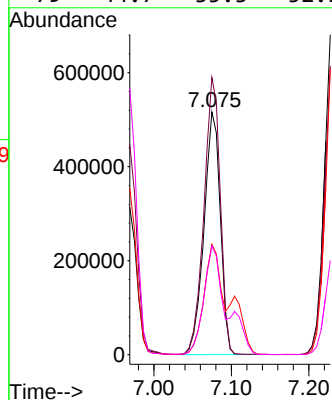
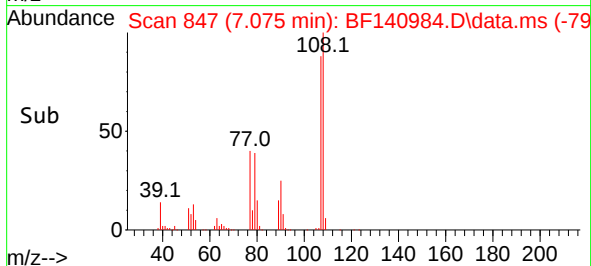
Tgt Ion:107 Resp: 754900
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 45.4 35.3 52.9
79 44.7 35.3 52.9

Manual Integrations

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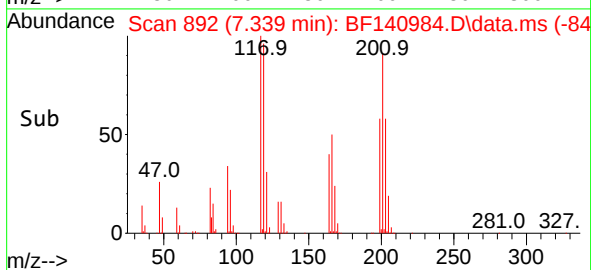
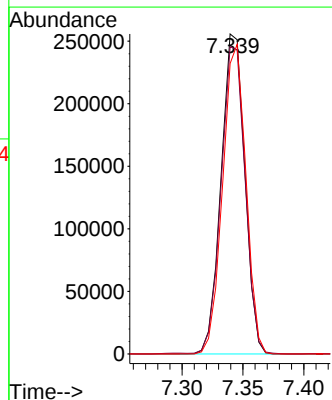
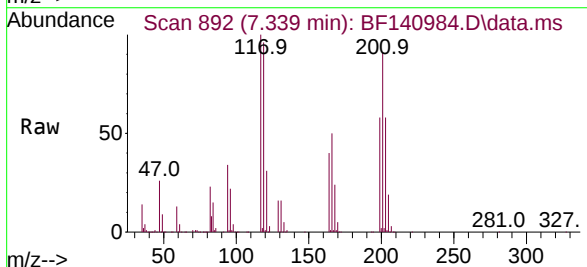
Reviewed By :Yogesh Patel 12/30/2024

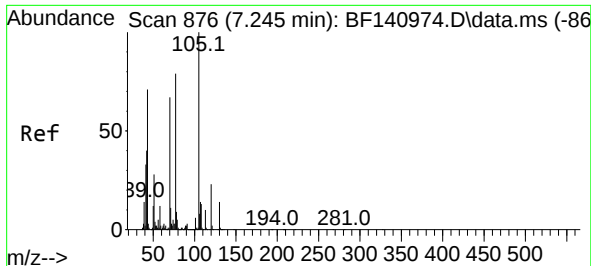
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 49.432 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

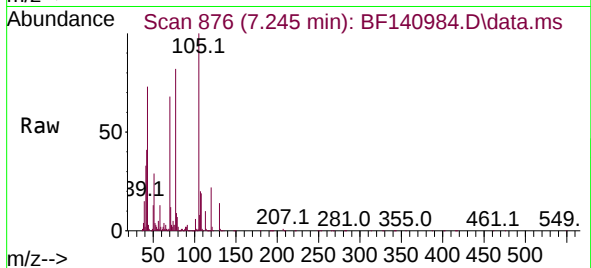
Tgt Ion:117 Resp: 347015
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 90.8 77.4 116.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.904 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

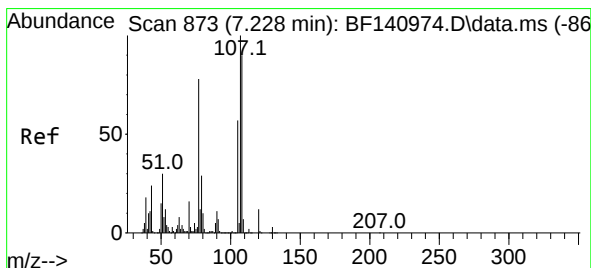
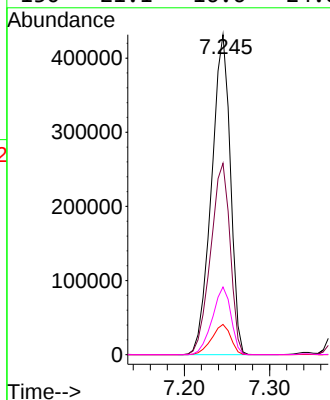
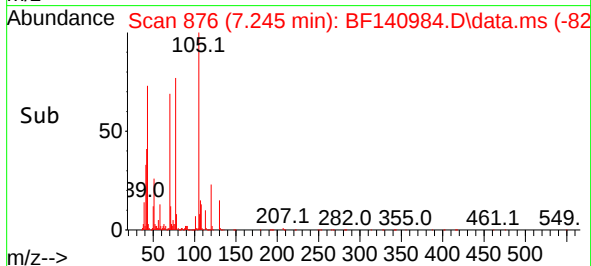
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion: 70 Resp: 66354
Ion Ratio Lower Upper
70 100
42 59.8 48.1 72.1
101 9.5 7.6 11.4
130 21.1 16.6 24.8

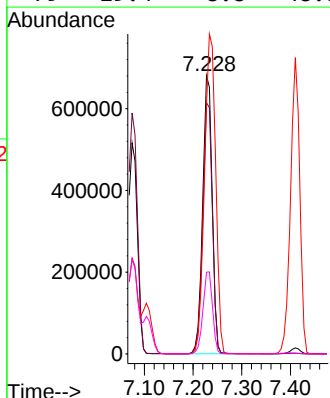
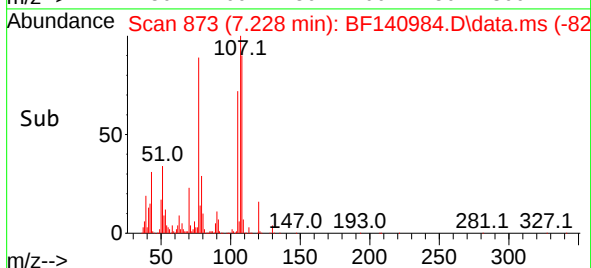
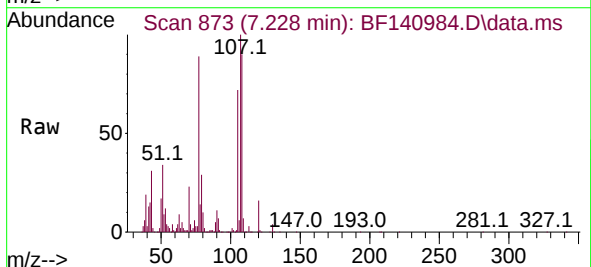
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 49.303 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:107 Resp: 920700
Ion Ratio Lower Upper
107 100
108 90.2 69.6 109.6
77 89.5 57.6 97.6
79 29.4 8.8 48.8





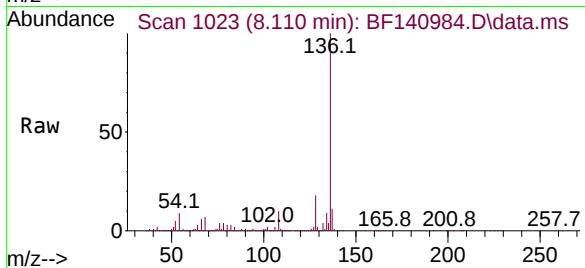
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

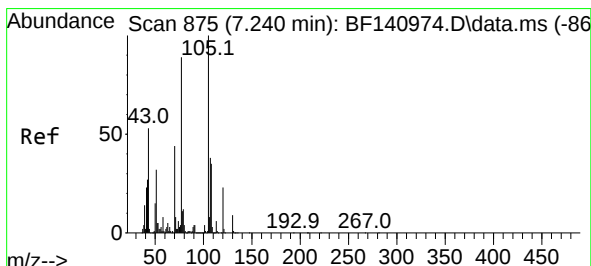
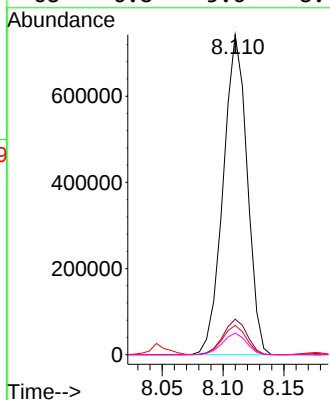
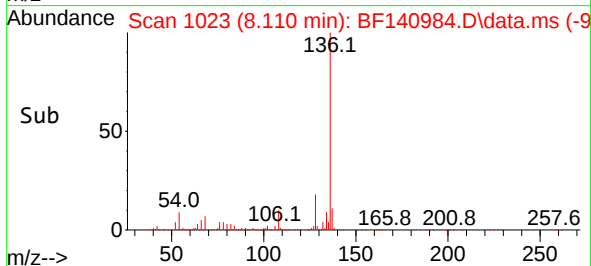


Tgt Ion:136 Resp: 1016110
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.1 7.6 11.4
68 6.8 5.6 8.4

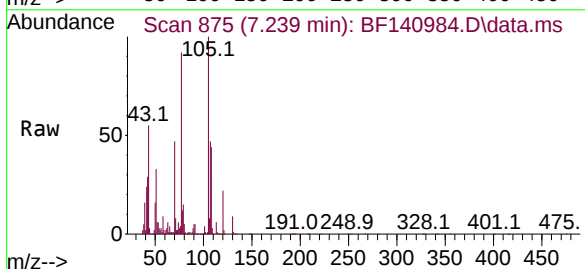
Manual Integrations

APPROVED

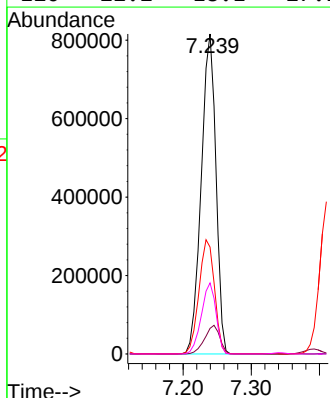
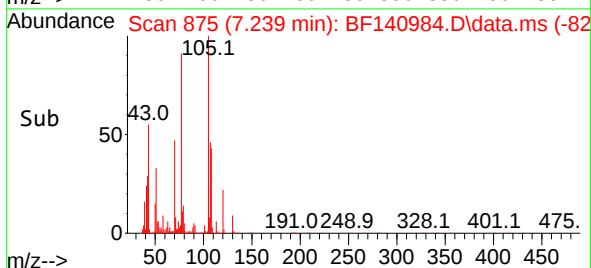
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

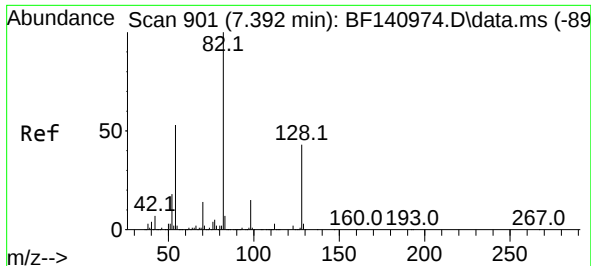


#22
Acetophenone
Concen: 49.049 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion:105 Resp: 1222617
Ion Ratio Lower Upper
105 100
71 8.0 6.1 9.1
51 33.4 25.8 38.6
120 22.2 18.1 27.1





#23

Nitrobenzene-d5

Concen: 116.489 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion: 82 Resp: 1850100

Ion Ratio Lower Upper

82 100

128 44.0 34.4 51.6

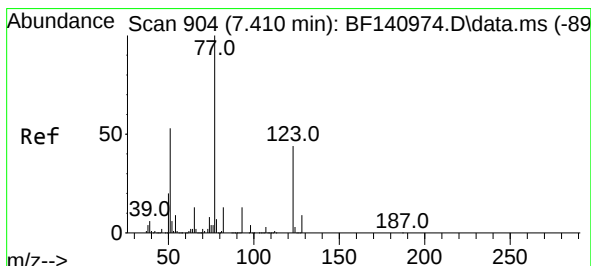
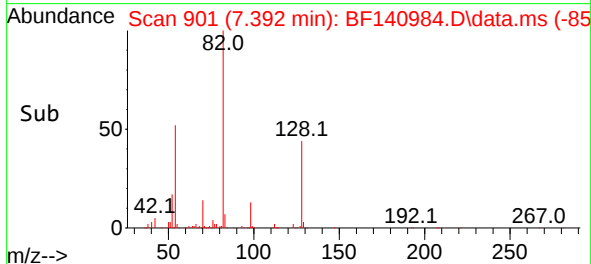
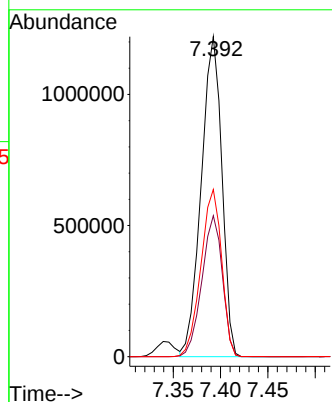
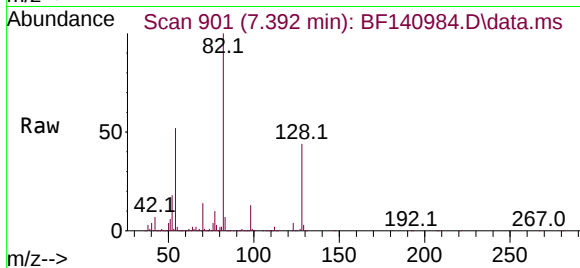
54 52.3 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 53.579 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

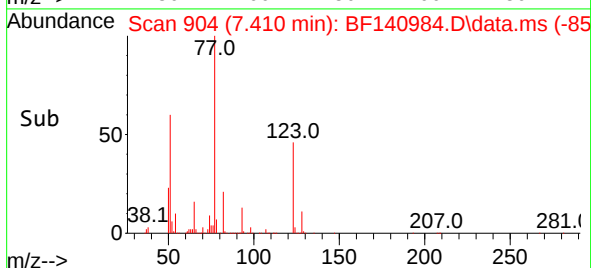
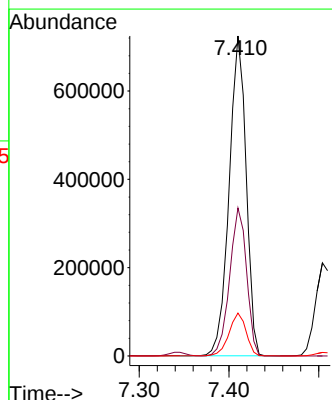
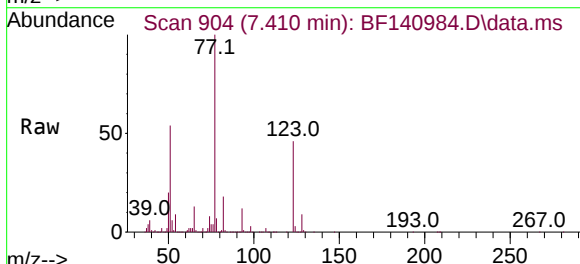
Tgt Ion: 77 Resp: 950854

Ion Ratio Lower Upper

77 100

123 46.3 35.4 53.2

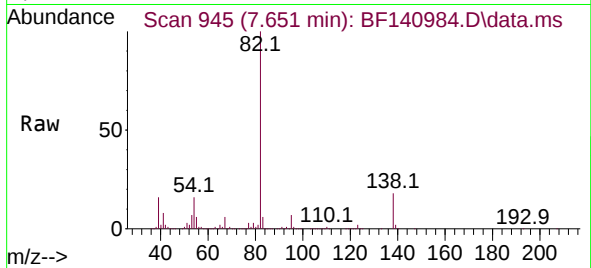
65 13.4 10.7 16.1





#25
Isophorone
Concen: 51.043 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

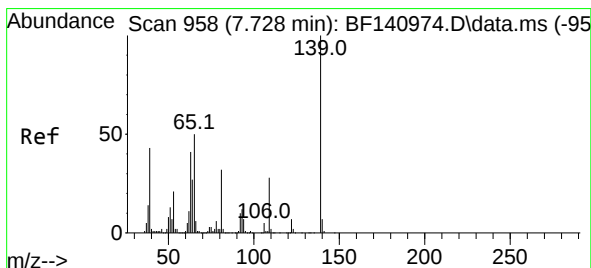
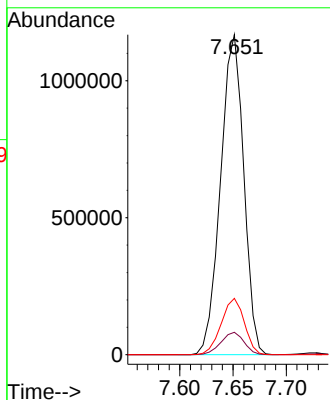
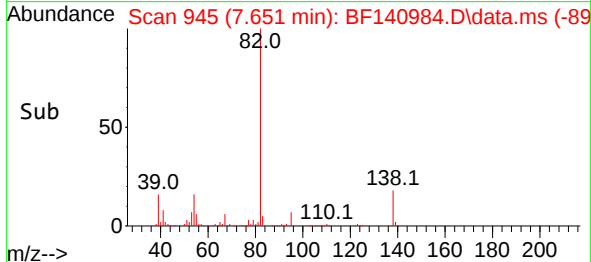
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion: 82 Resp: 1764078
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.6 14.6 21.8

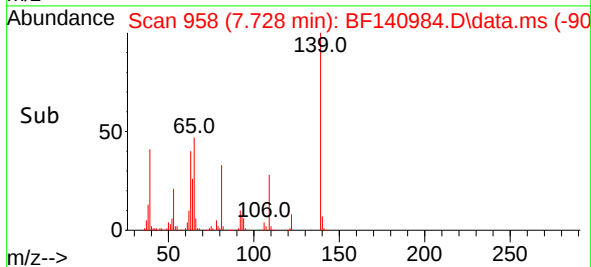
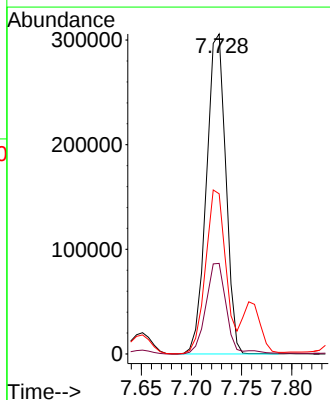
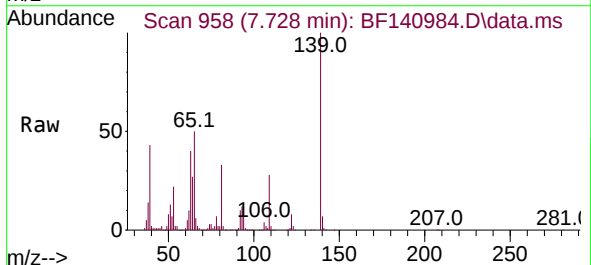
Manual Integrations
APPROVED

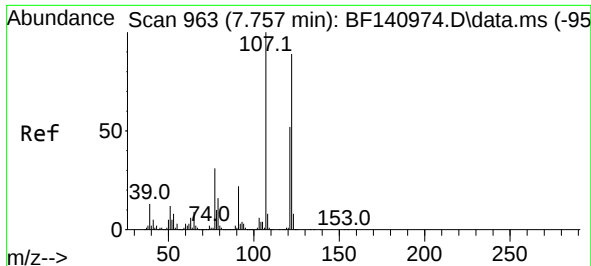
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 55.663 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:139 Resp: 411742
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 50.0 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 59.870 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140984.D

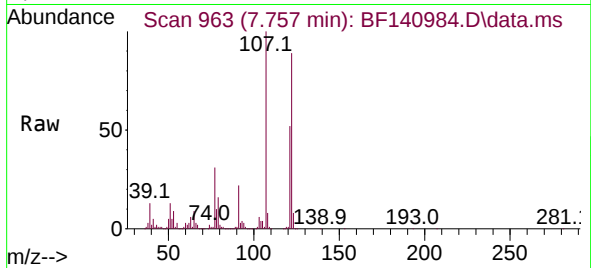
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



Tgt Ion:122 Resp: 75620

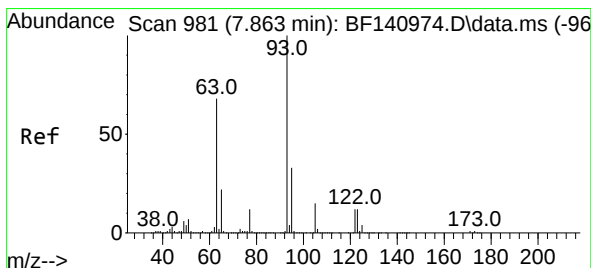
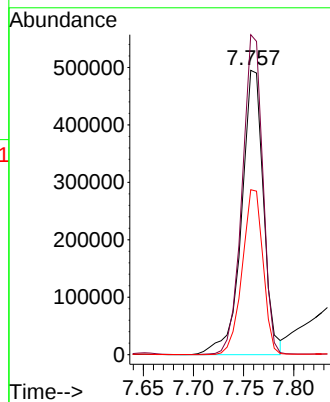
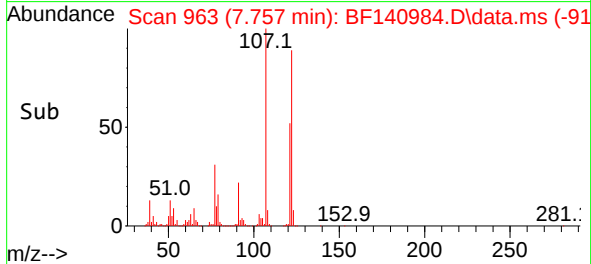
Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.4	134.2
121	58.0	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.913 ng

RT: 7.863 min Scan# 981

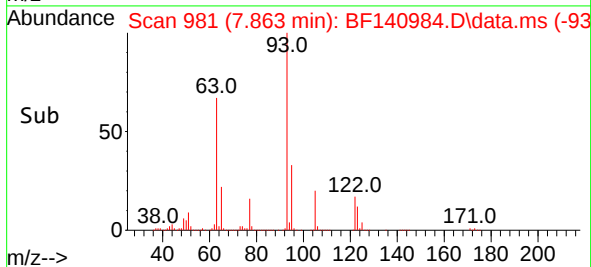
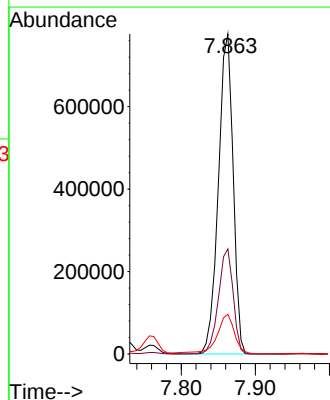
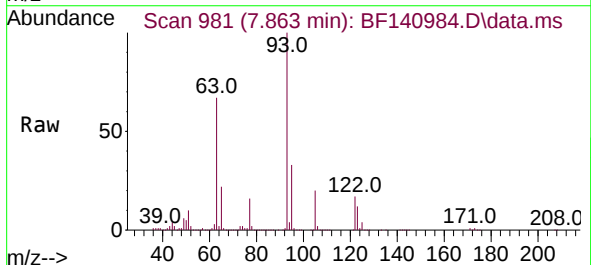
Delta R.T. -0.000 min

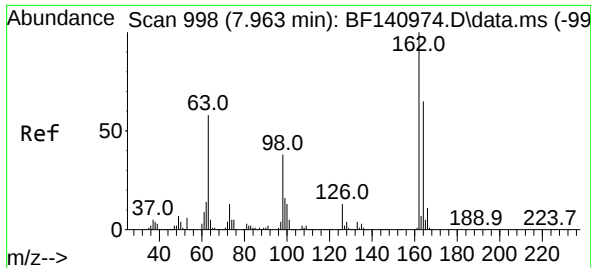
Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Tgt Ion: 93 Resp: 1071039

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.4	9.9	14.9





#29
2,4-Dichlorophenol
Concen: 51.488 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

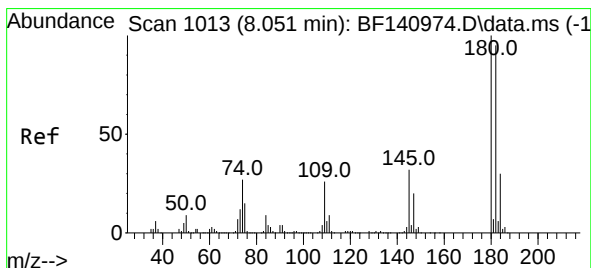
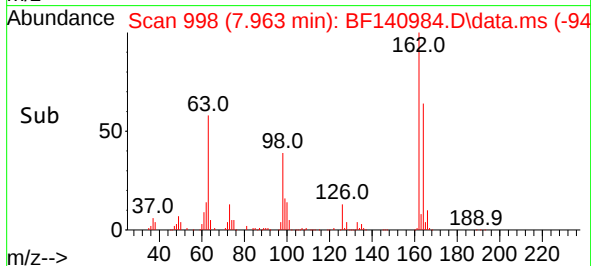
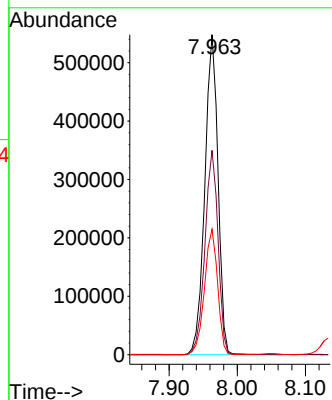
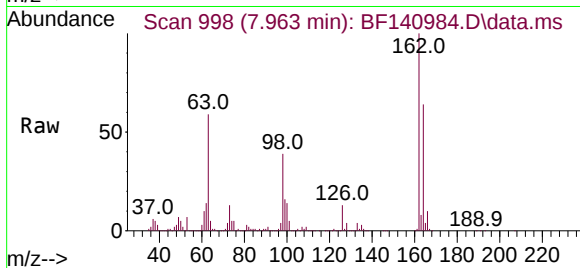
ClientSampleId :

PB165785BSD

Tgt Ion:162 Resp: 737582
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 39.2 18.6 58.6

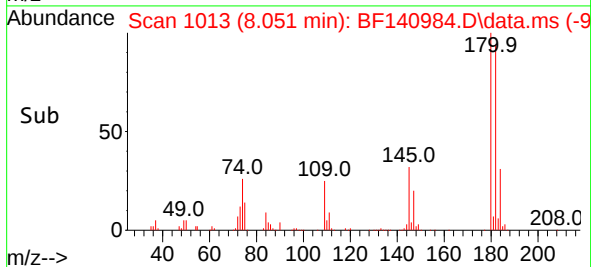
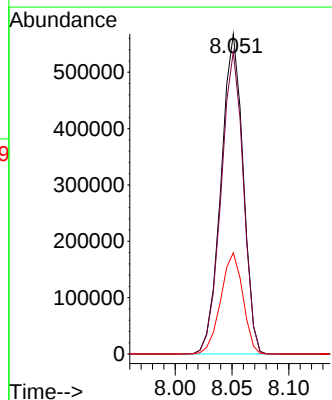
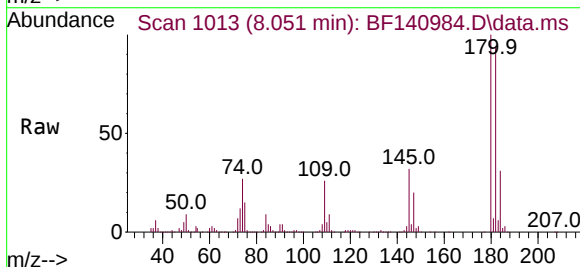
Manual Integrations
APPROVED

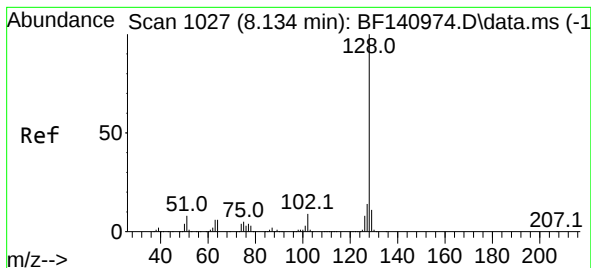
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.349 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:180 Resp: 767712
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.4
145 31.6 25.4 38.2





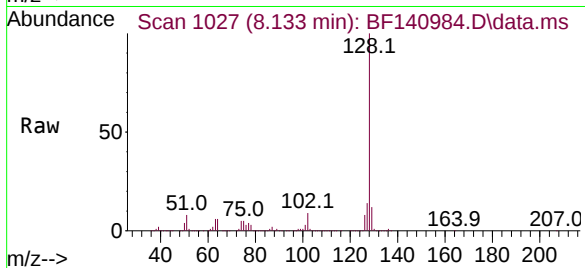
#31
Naphthalene
Concen: 48.614 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



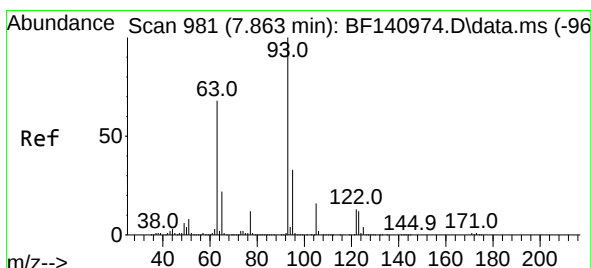
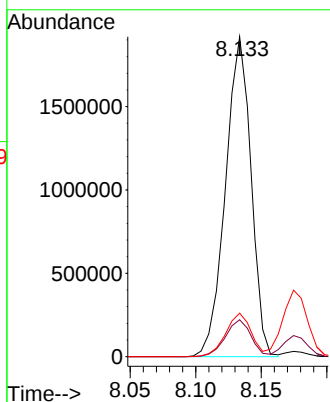
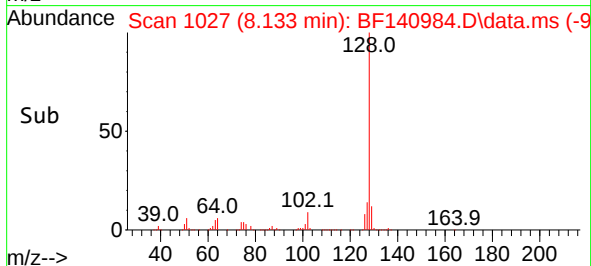
Tgt Ion:128 Resp: 2602954
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.6 11.0 16.4

Manual Integrations

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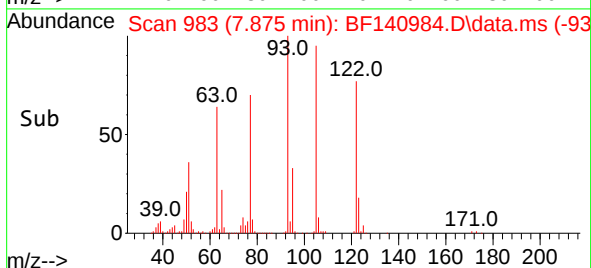
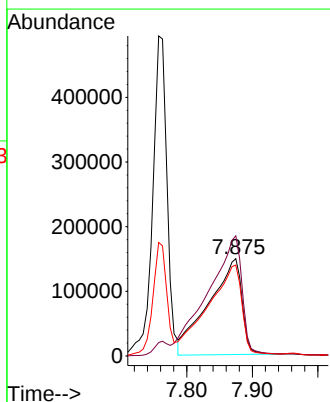
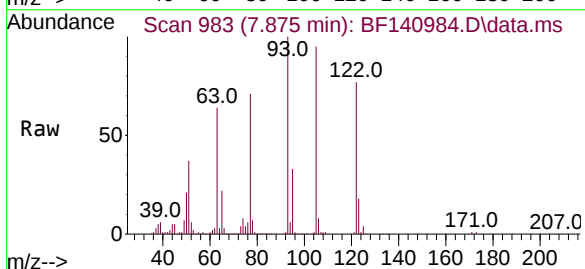
Reviewed By :Yogesh Patel 12/30/2024

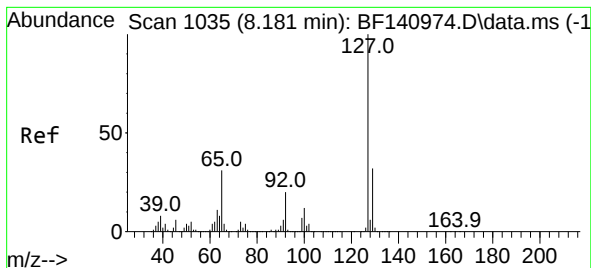
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 49.969 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:122 Resp: 523309
Ion Ratio Lower Upper
122 100
105 123.6 105.4 145.4
77 93.4 76.4 116.4





#33
4-Chloroaniline
Concen: 27.190 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

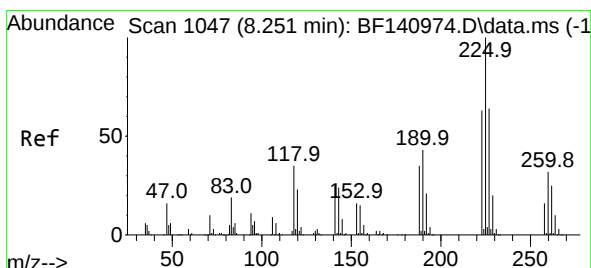
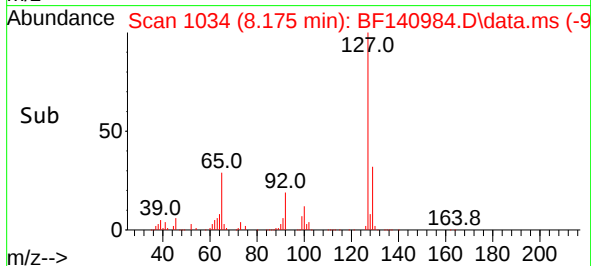
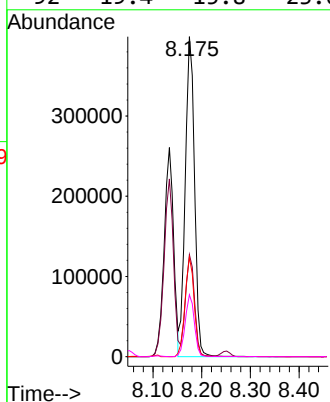
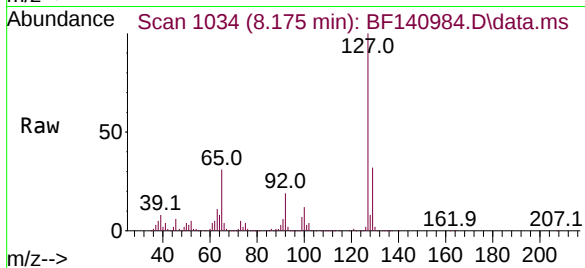
ClientSampleId :

PB165785BSD

Tgt Ion:127 Resp: 52667
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1
65 31.1 24.6 37.0
92 19.4 15.8 23.6

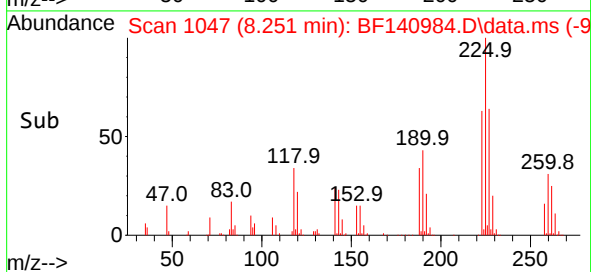
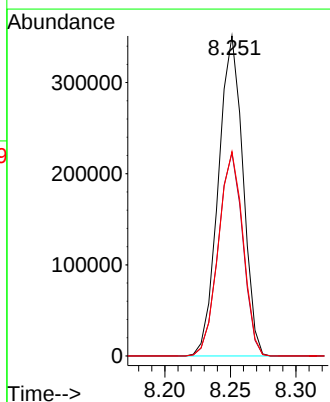
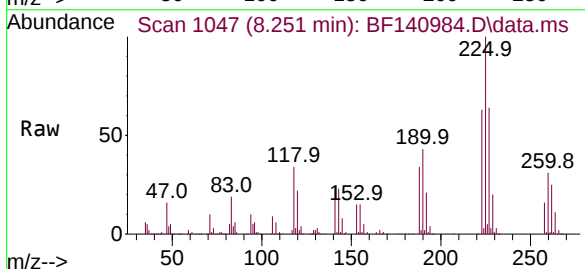
Manual Integrations
APPROVED

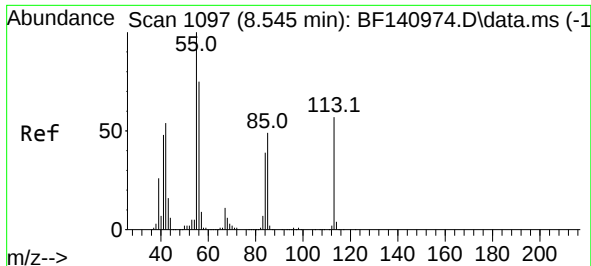
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 47.825 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

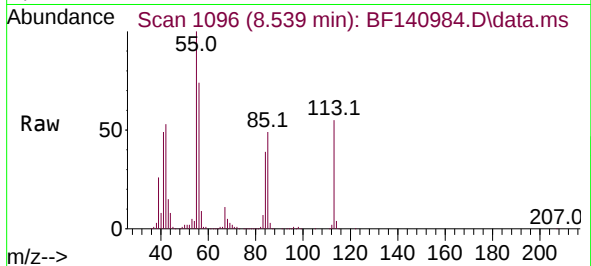
Tgt Ion:225 Resp: 457137
Ion Ratio Lower Upper
225 100
223 63.4 50.3 75.5
227 63.9 50.8 76.2





#35
Caprolactam
Concen: 50.770 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

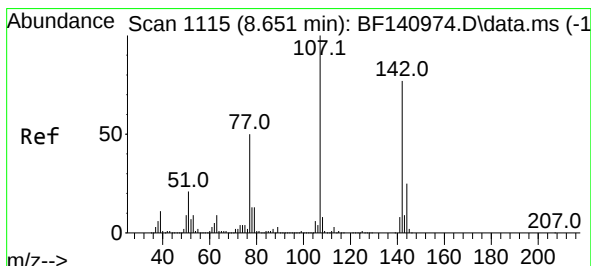
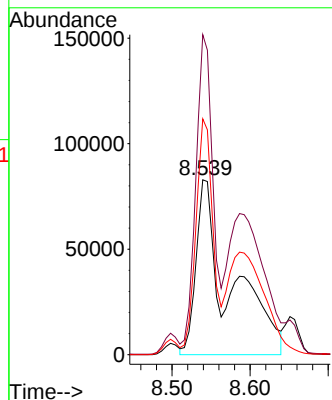
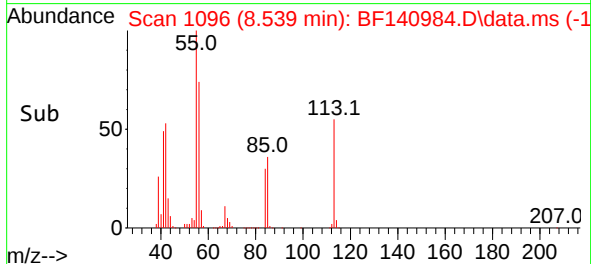
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion:113 Resp: 247248
Ion Ratio Lower Upper
113 100
55 183.0 156.6 196.6
56 134.9 111.7 151.7

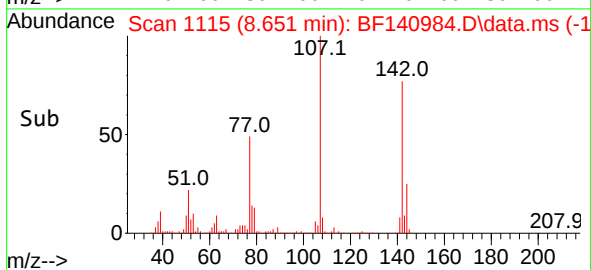
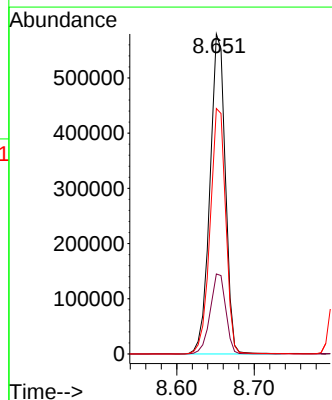
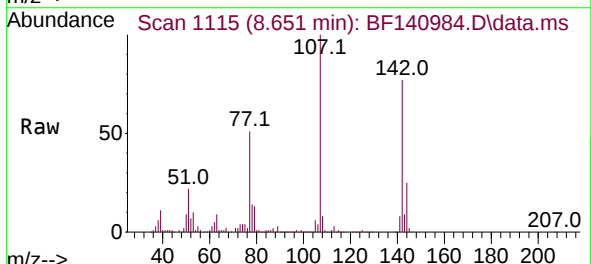
Manual Integrations
APPROVED

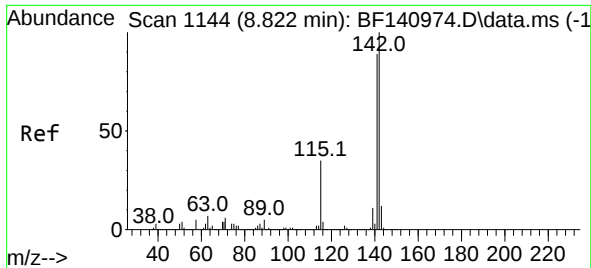
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 50.310 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:107 Resp: 800376
Ion Ratio Lower Upper
107 100
144 25.0 19.9 29.9
142 76.7 61.8 92.8





#37
2-Methylnaphthalene
Concen: 49.517 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

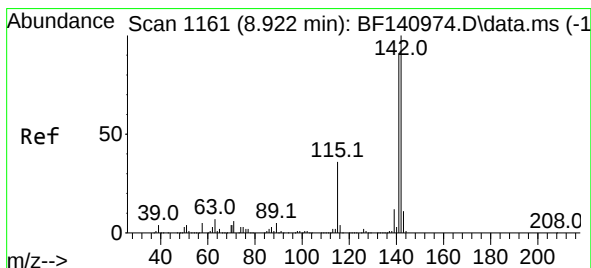
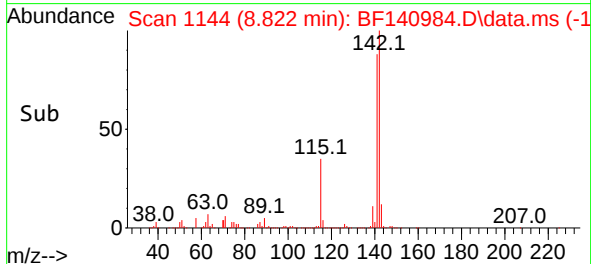
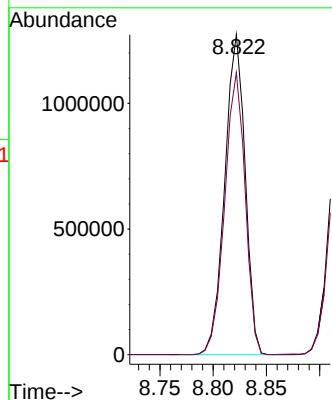
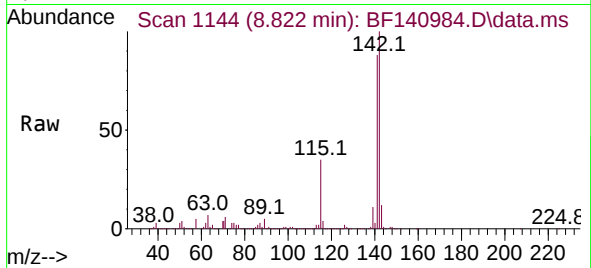
PB165785BSD

Tgt Ion:142 Resp: 1696109
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

Manual Integrations

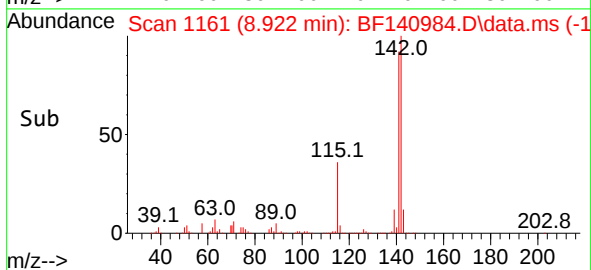
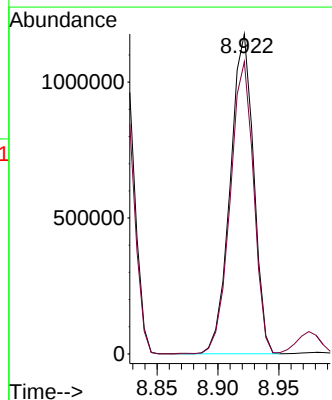
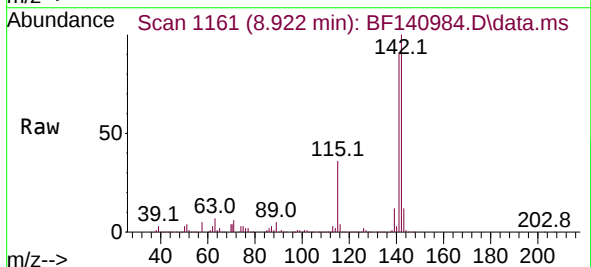
APPROVED

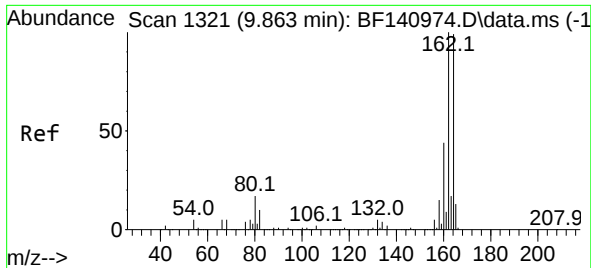
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 46.895 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

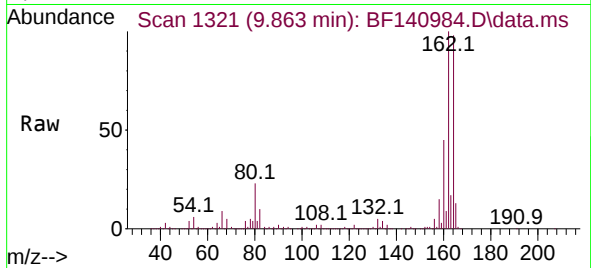
Tgt Ion:142 Resp: 1578659
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

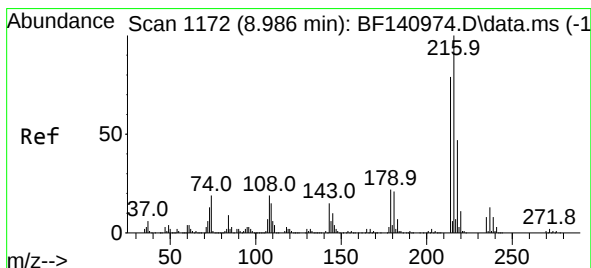
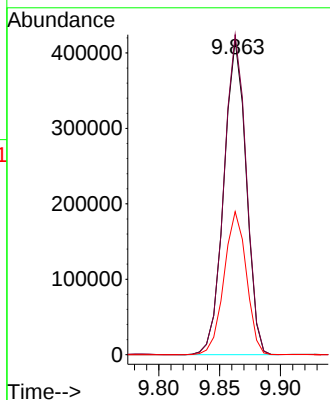
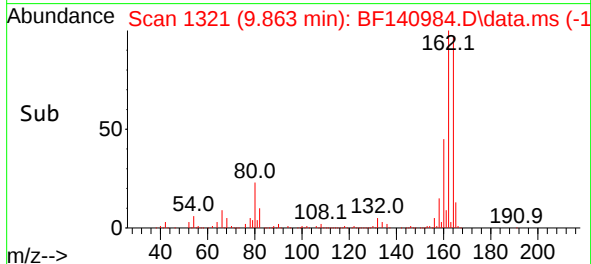
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion:164 Resp: 532100
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.5 35.7 53.5

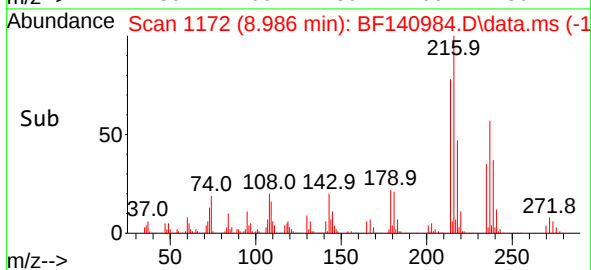
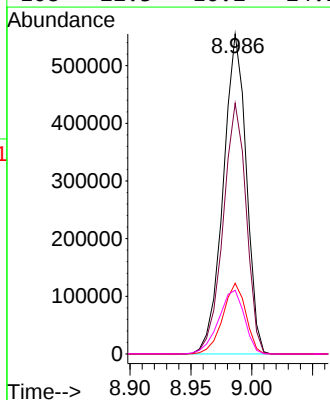
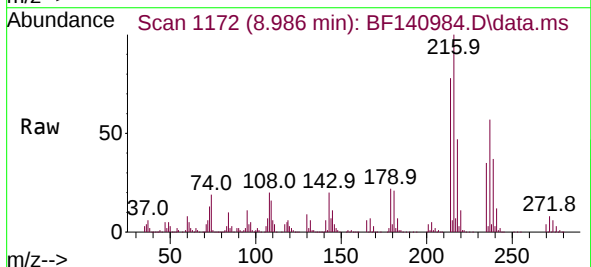
Manual Integrations
APPROVED

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.073 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:216 Resp: 733010
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.6
179 22.1 17.9 26.9
108 22.3 16.2 24.2





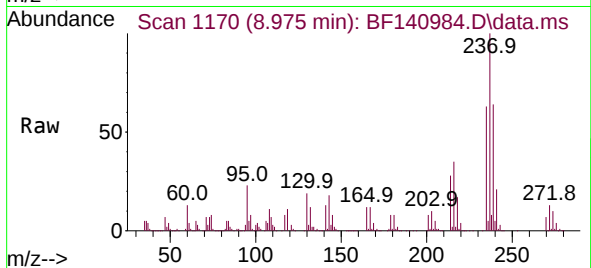
#41
Hexachlorocyclopentadiene
Concen: 181.932 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

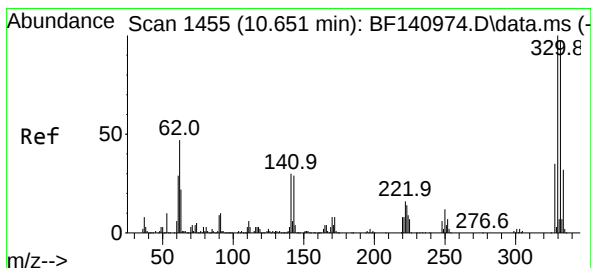
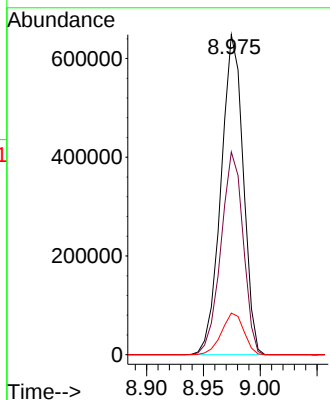
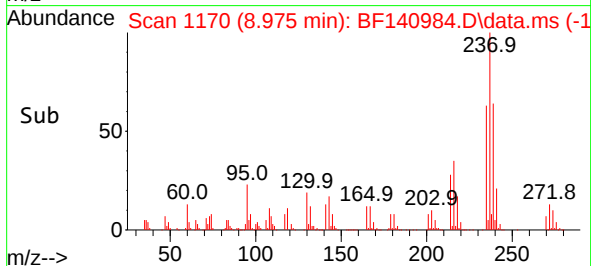


Tgt Ion:237 Resp: 882584
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 13.0 0.0 32.6

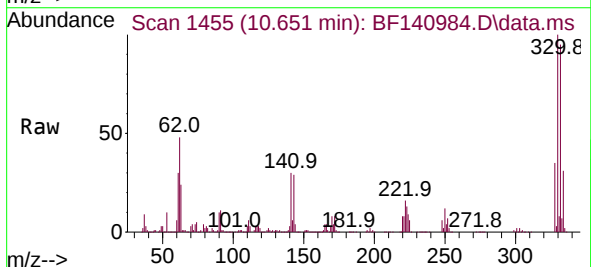
Manual Integrations

APPROVED

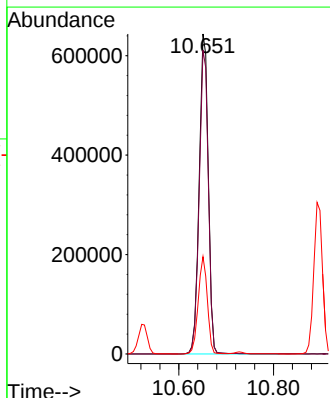
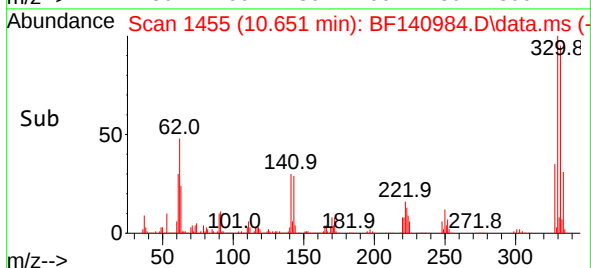
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

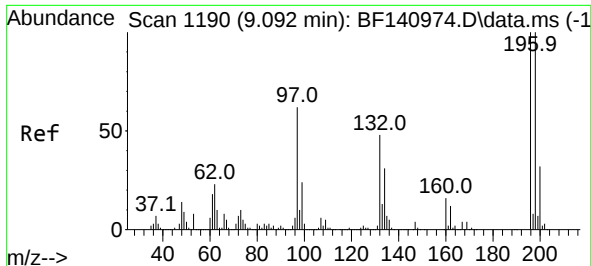


#42
2,4,6-Tribromophenol
Concen: 166.370 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



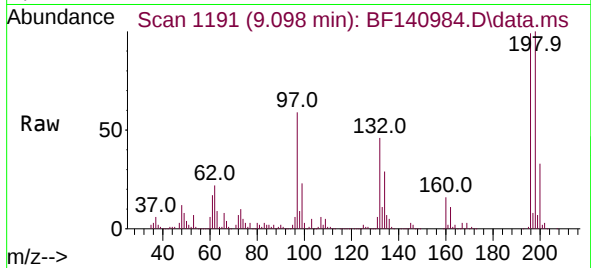
Tgt Ion:330 Resp: 860215
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 30.3 26.4 39.6





#43
2,4,6-Trichlorophenol
Concen: 55.522 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

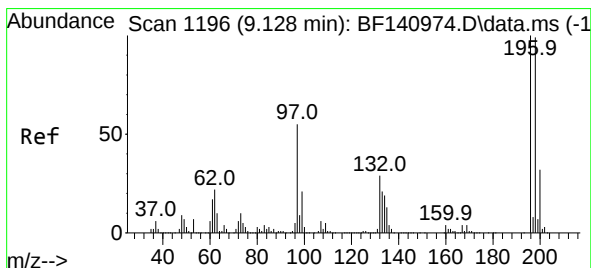
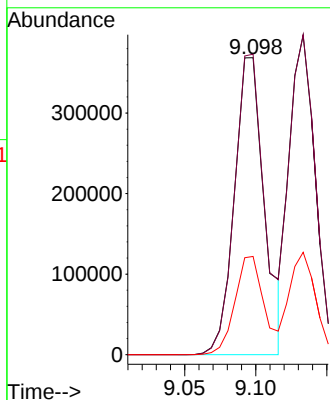
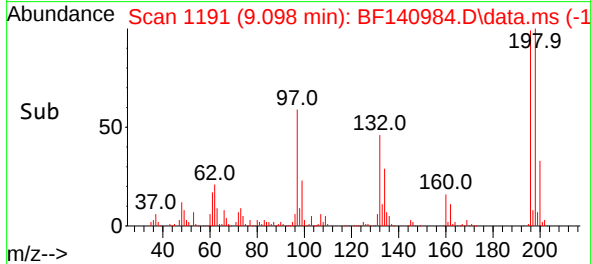
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion:196 Resp: 540952
Ion Ratio Lower Upper
196 100
198 101.2 80.2 120.4
200 33.1 25.8 38.6

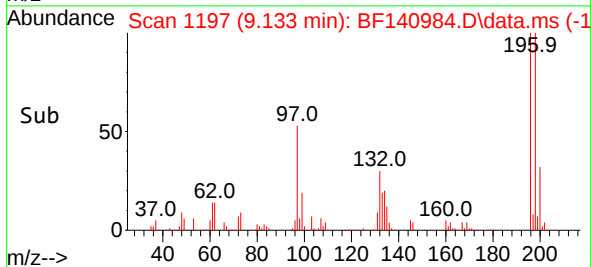
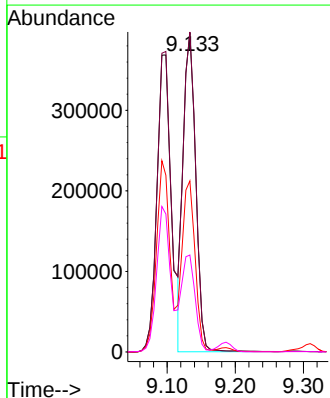
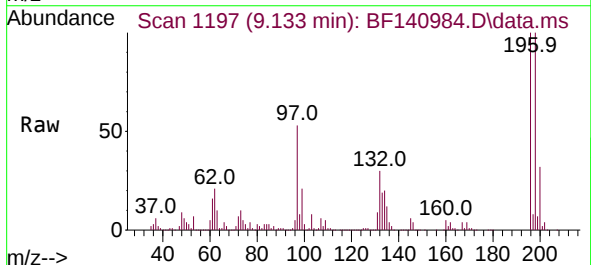
Manual Integrations
APPROVED

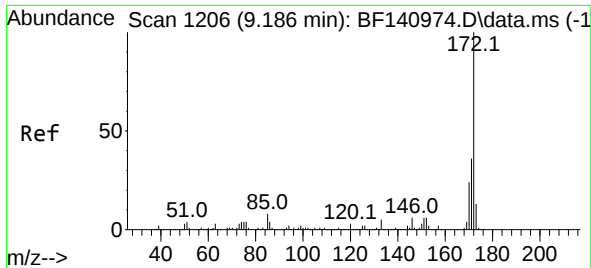
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#44
2,4,5-Trichlorophenol
Concen: 50.899 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:196 Resp: 507405
Ion Ratio Lower Upper
196 100
198 100.2 79.9 119.9
97 53.6 44.3 66.5
132 30.3 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 97.630 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

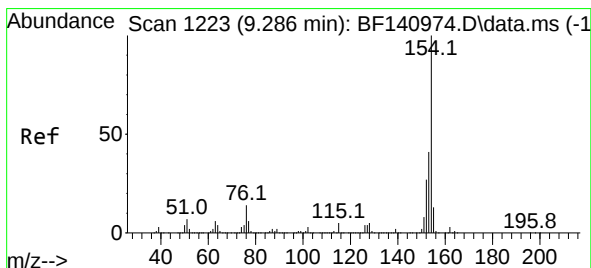
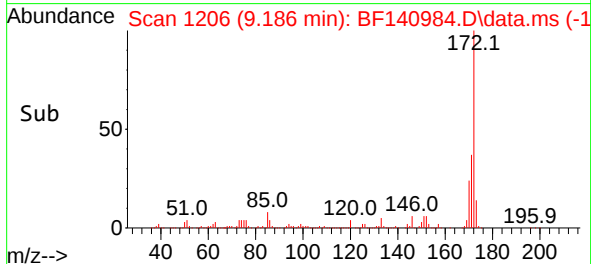
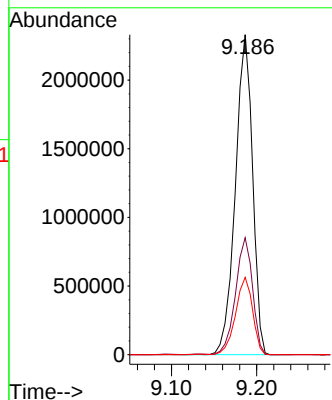
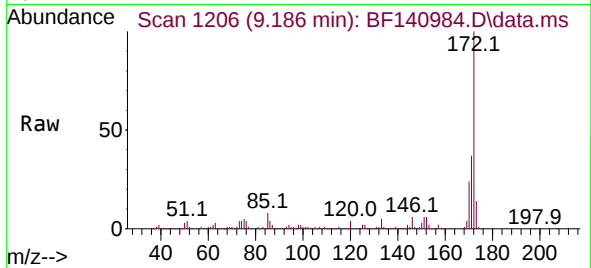
PB165785BSD

Tgt Ion:172 Resp: 3260609
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.2 19.6 29.4

Manual Integrations

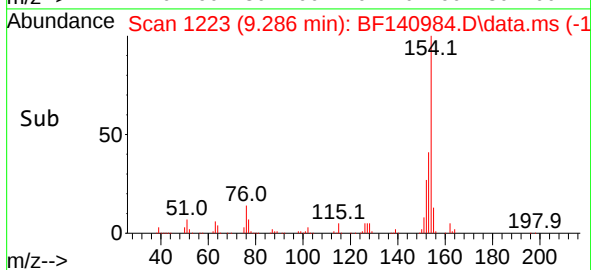
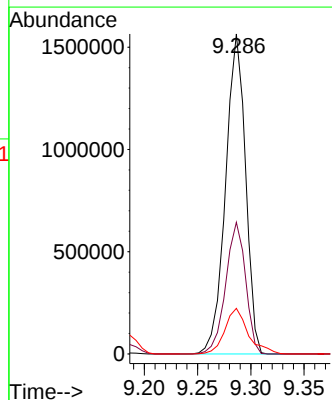
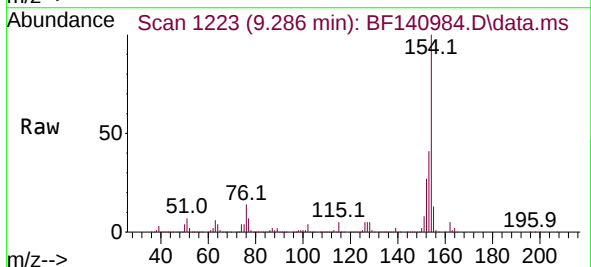
APPROVED

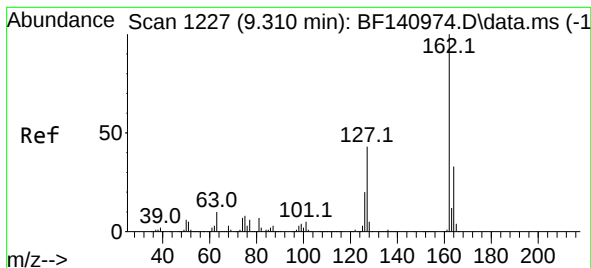
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#46
1,1'-Biphenyl
Concen: 49.951 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:154 Resp: 2035161
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.522 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:162 Resp: 153325

Ion Ratio Lower Upper

162 100

127 43.2 34.2 51.4

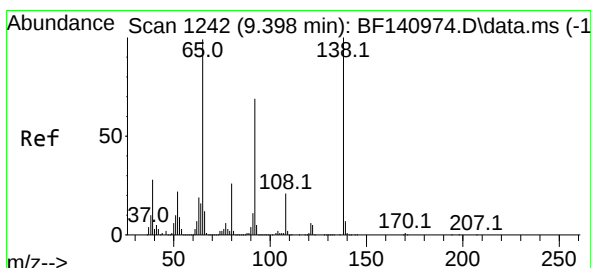
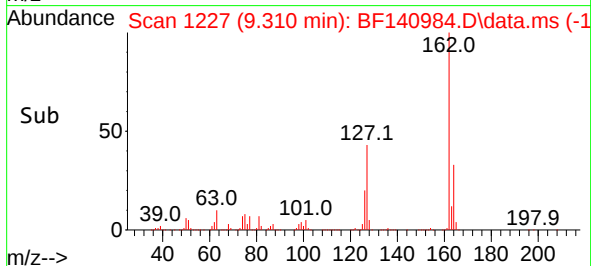
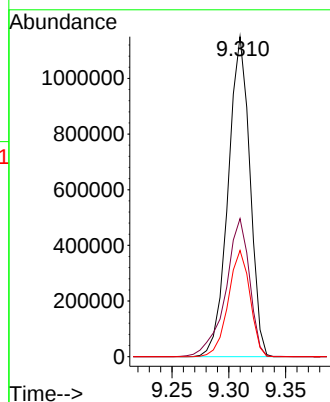
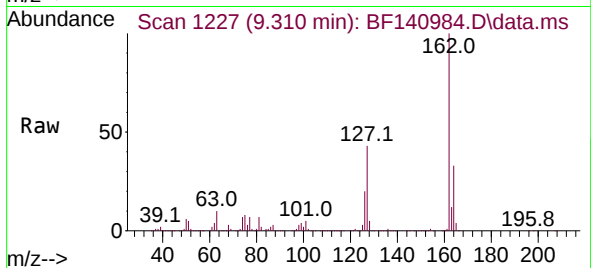
164 33.2 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 56.678 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

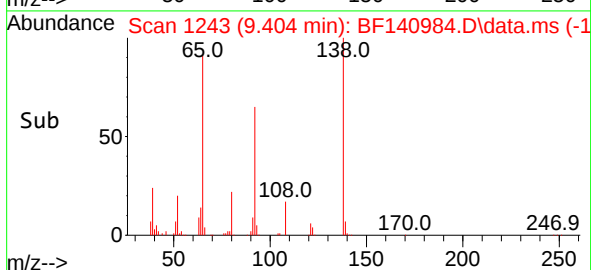
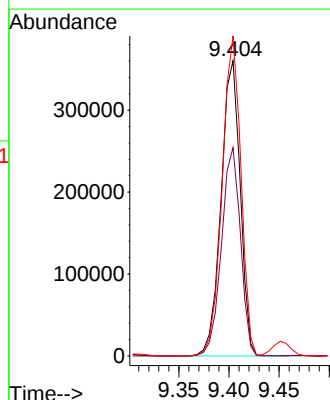
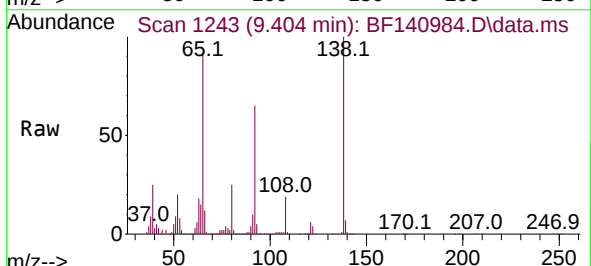
Tgt Ion: 65 Resp: 476212

Ion Ratio Lower Upper

65 100

92 70.5 55.6 83.4

138 108.4 80.5 120.7





#49
Acenaphthylene
Concen: 52.232 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

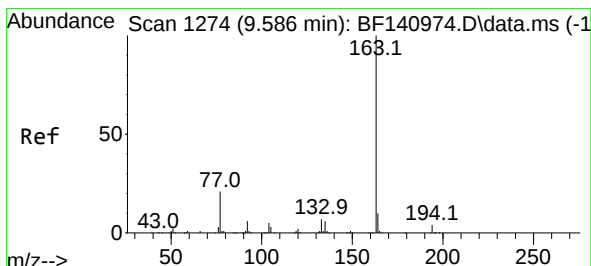
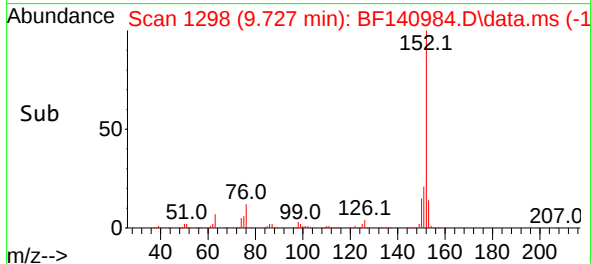
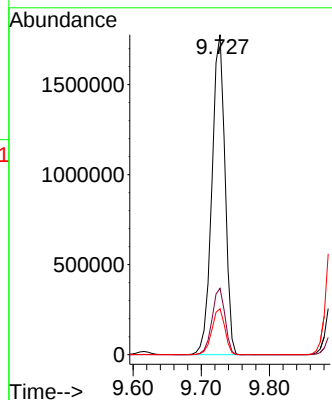
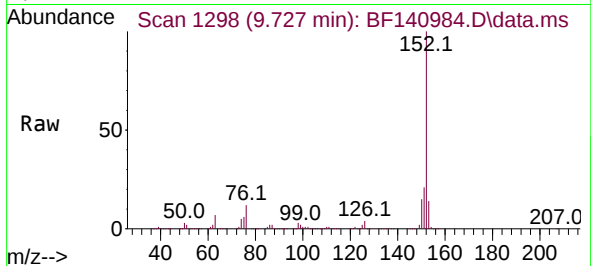
PB165785BSD

Tgt Ion:152 Resp: 2375930
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.4 11.4 17.0

Manual Integrations

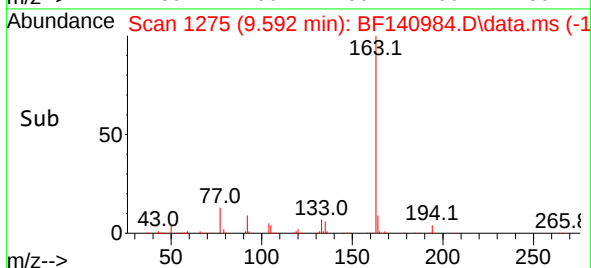
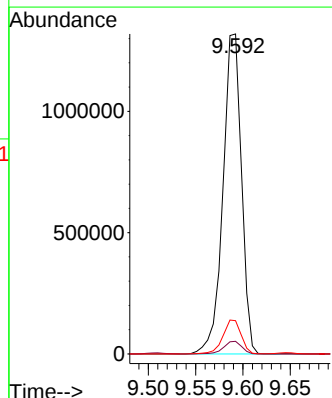
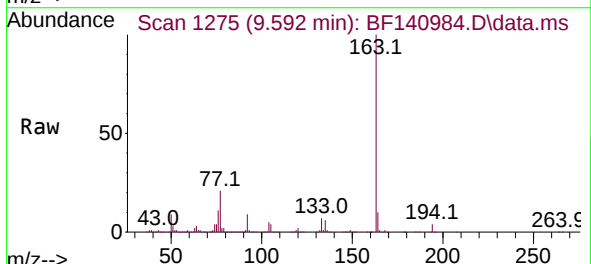
APPROVED

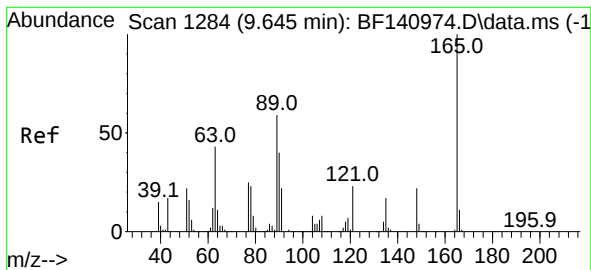
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#50
Dimethylphthalate
Concen: 51.292 ng
RT: 9.592 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

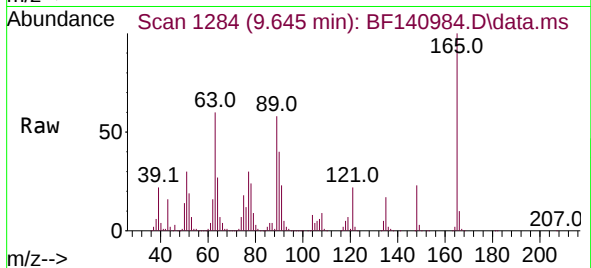
Tgt Ion:163 Resp: 1795249
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 53.922 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

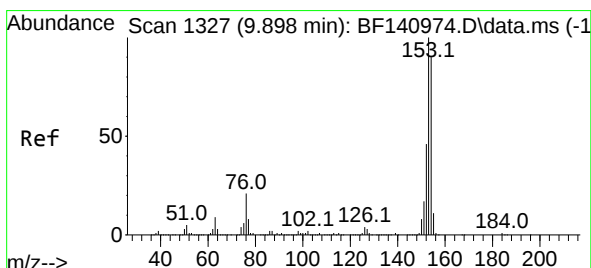
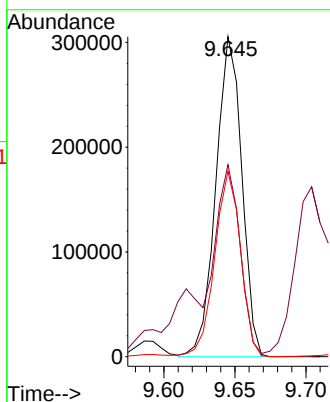
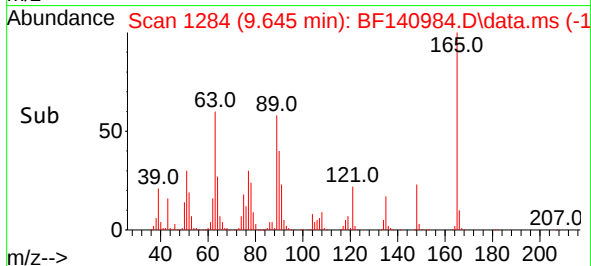
Instrument :
BNA_F
Client Sample Id :
PB165785BSD



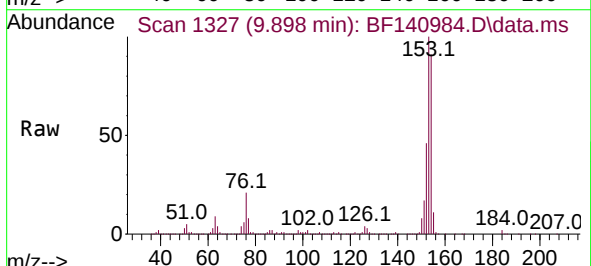
Tgt Ion:165 Resp: 388369
Ion Ratio Lower Upper
165 100
63 60.0 47.1 70.7
89 57.9 47.0 70.4

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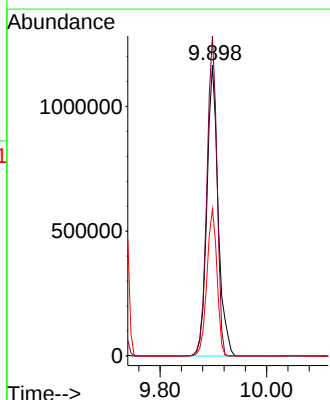
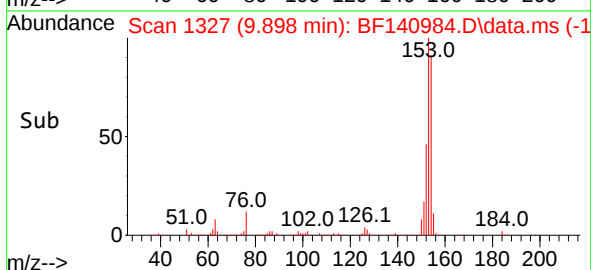
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

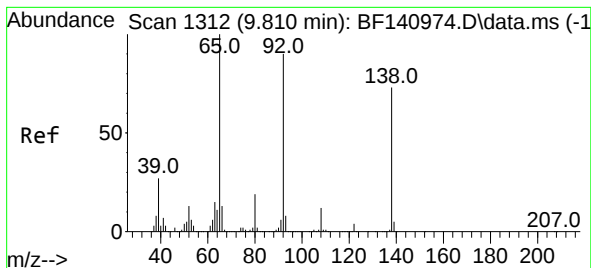


#52
Acenaphthene
Concen: 55.459 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion:154 Resp: 1705489
Ion Ratio Lower Upper
154 100
153 110.1 89.2 133.8
152 50.6 40.9 61.3





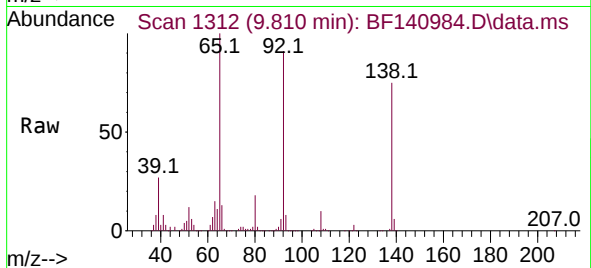
#53
3-Nitroaniline
Concen: 38.233 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



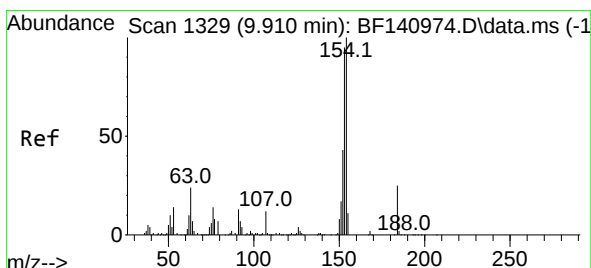
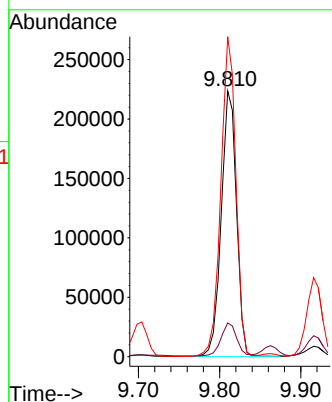
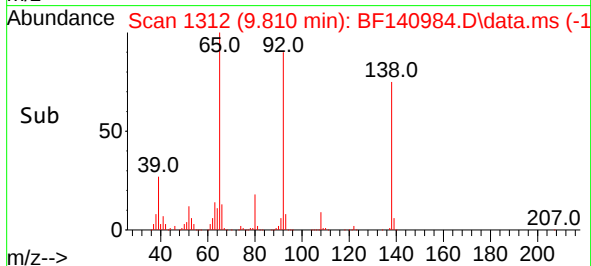
Tgt Ion:138 Resp: 291240
Ion Ratio Lower Upper
138 100
108 12.7 13.5 20.3#
92 120.4 97.7 146.5

Manual Integrations

APPROVED

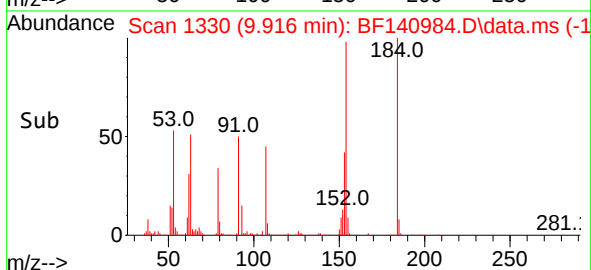
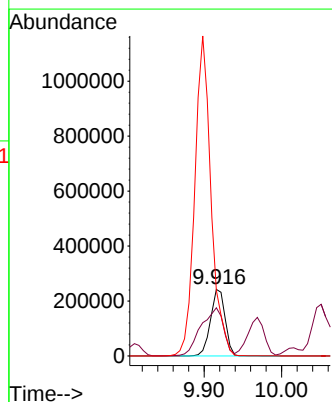
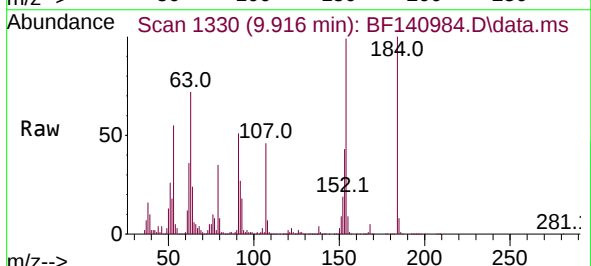
Reviewed By :Yogesh Patel 12/30/2024

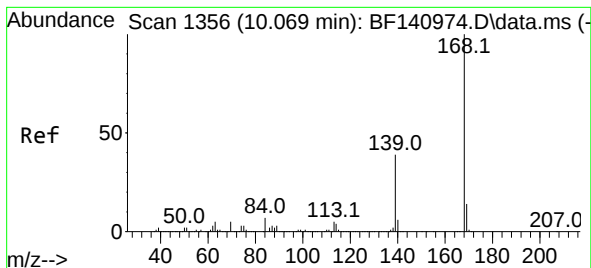
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 100.185 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

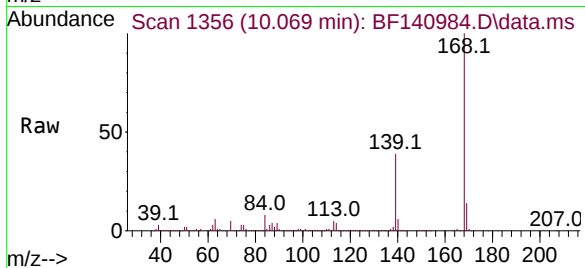
Tgt Ion:184 Resp: 318129
Ion Ratio Lower Upper
184 100
63 72.4 81.6 122.4#
154 98.6 363.5 545.3#





#55
Dibenzenofuran
Concen: 50.393 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

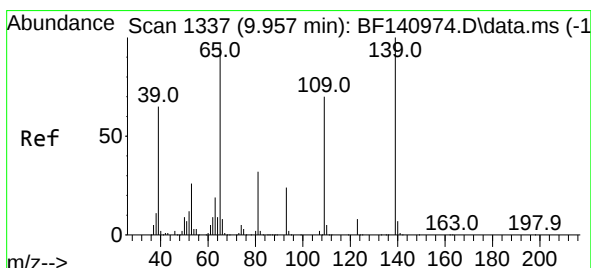
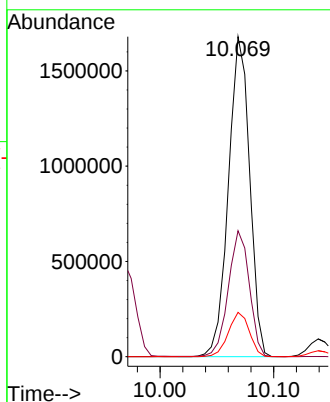
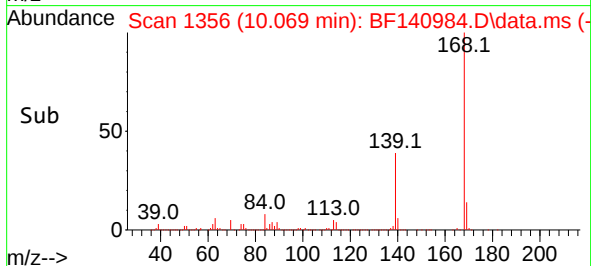
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion:168 Resp: 217785
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 13.9 11.0 16.6

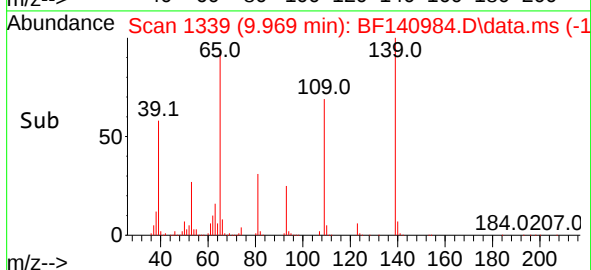
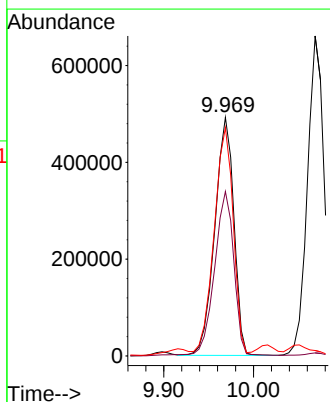
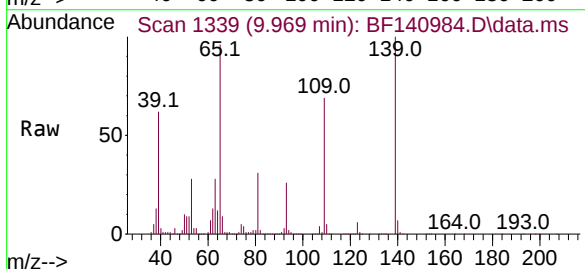
Manual Integrations
APPROVED

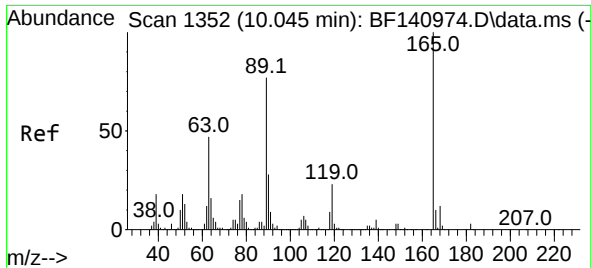
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 121.357 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:139 Resp: 726570
Ion Ratio Lower Upper
139 100
109 68.9 50.8 90.8
65 95.7 78.5 118.5





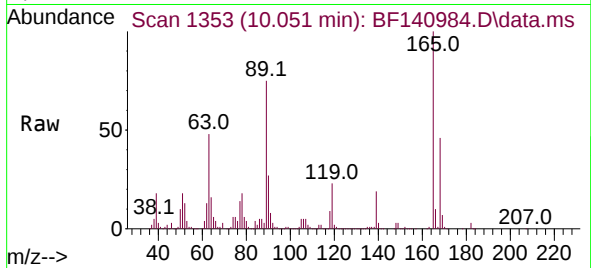
#57
2,4-Dinitrotoluene
Concen: 57.431 ng
RT: 10.051 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

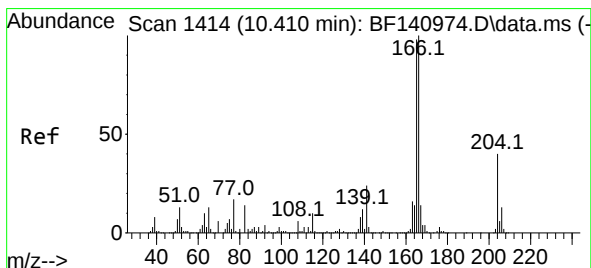
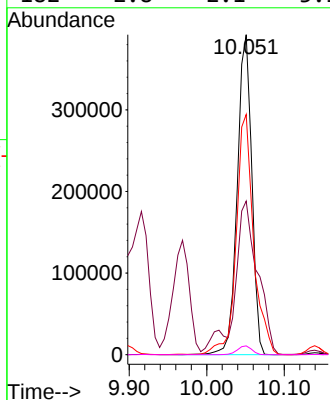
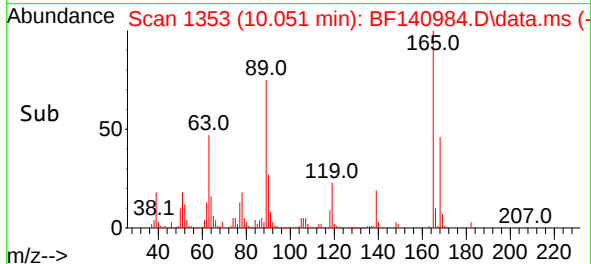


Tgt Ion:165 Resp: 510140
Ion Ratio Lower Upper
165 100
63 48.0 38.1 57.1
89 75.0 61.4 92.2
182 2.8 2.1 3.1

Manual Integrations

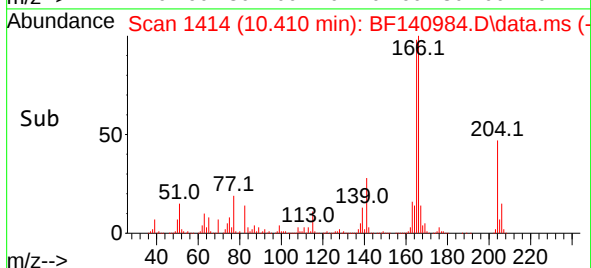
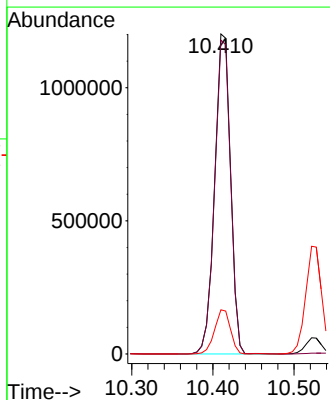
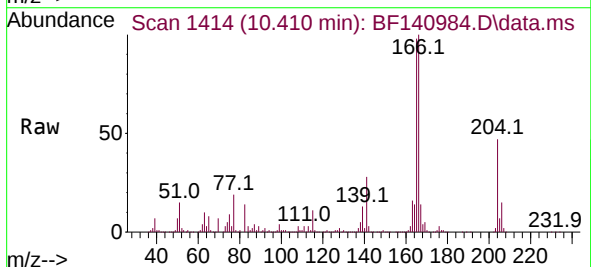
APPROVED

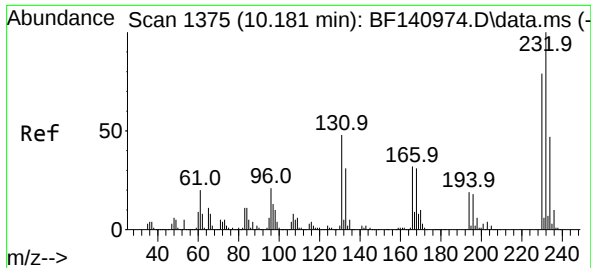
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 48.915 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

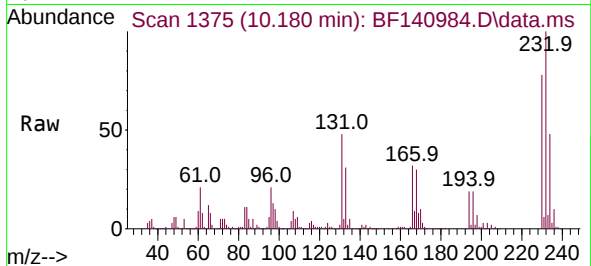
Tgt Ion:166 Resp: 1639301
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.529 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

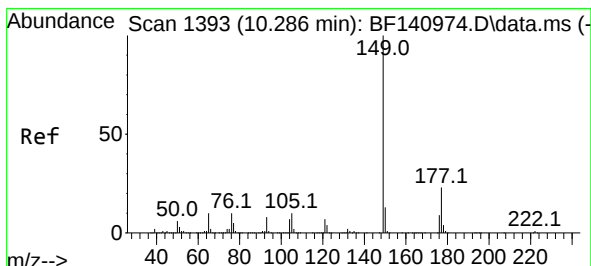
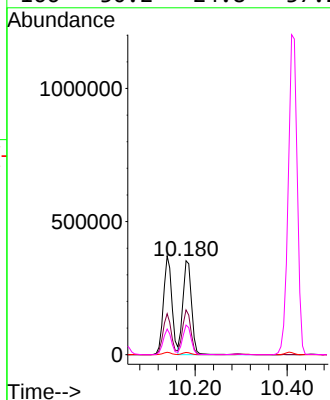
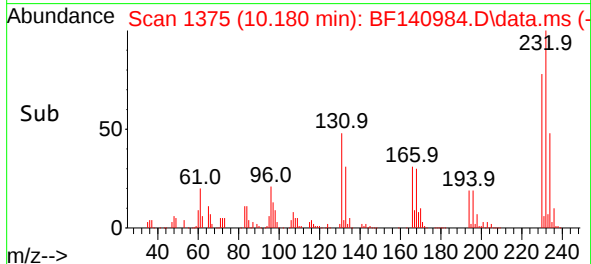
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



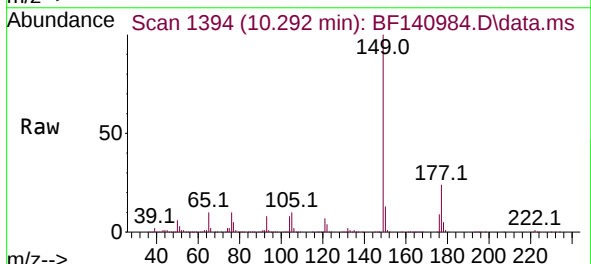
Tgt Ion:232 Resp: 458450
Ion Ratio Lower Upper
232 100
131 45.6 37.4 56.2
130 2.2 1.8 2.8
166 30.2 24.8 37.2

Manual Integrations
APPROVED

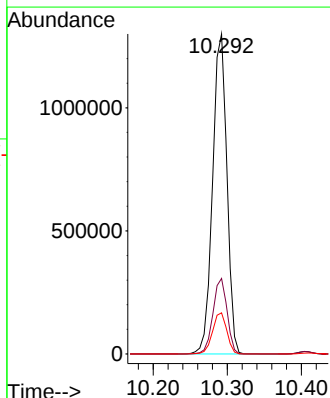
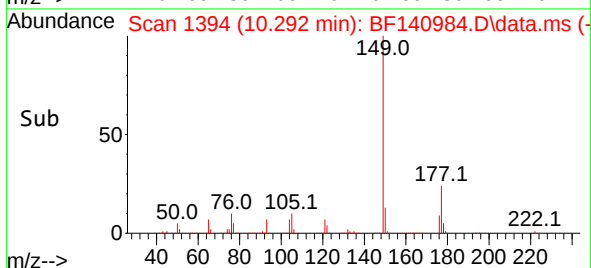
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

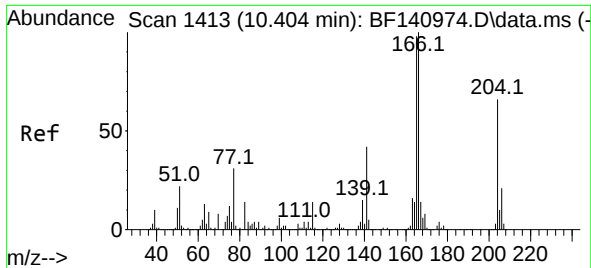


#60
Diethylphthalate
Concen: 50.317 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



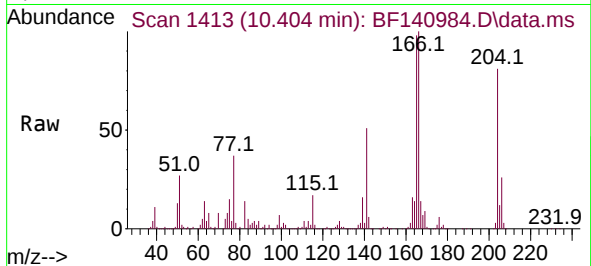
Tgt Ion:149 Resp: 1738608
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.8 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 49.001 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

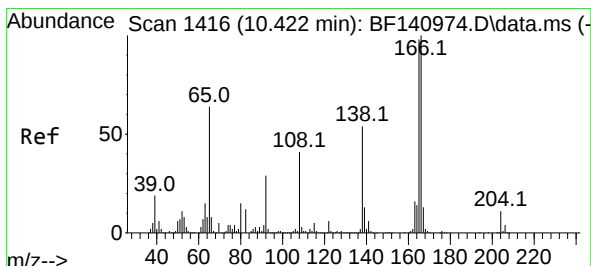
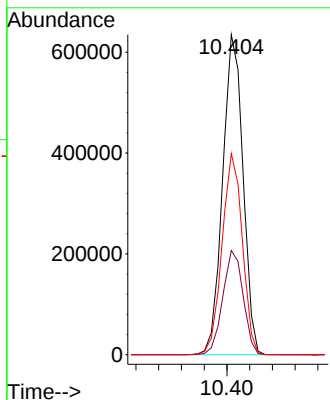
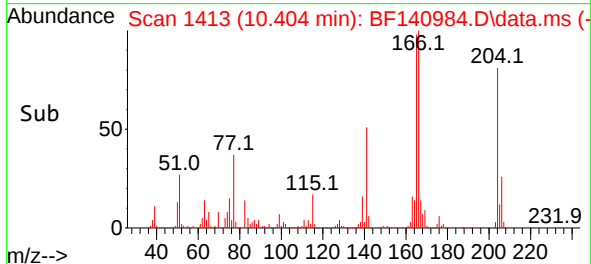
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



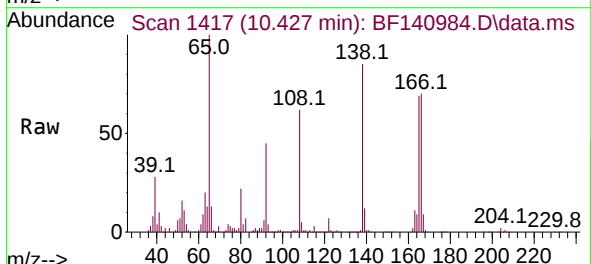
Tgt Ion:204 Resp: 79017
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 62.9 51.2 76.8

Manual Integrations
APPROVED

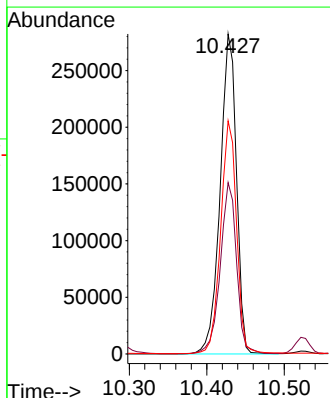
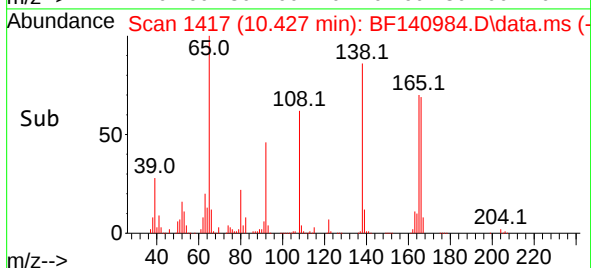
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

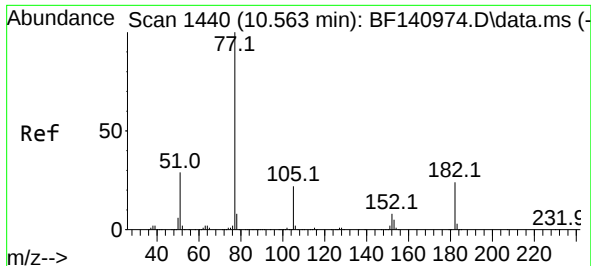


#62
4-Nitroaniline
Concen: 52.975 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion:138 Resp: 413701
Ion Ratio Lower Upper
138 100
92 53.6 34.8 74.8
108 72.9 55.9 95.9





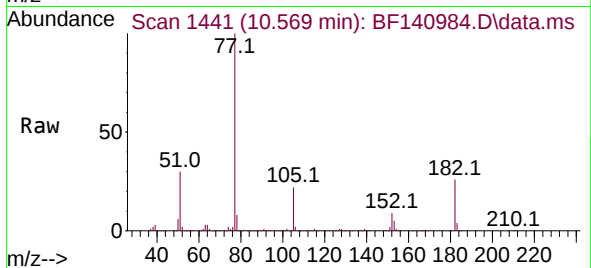
#63
Azobenzene
Concen: 50.774 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



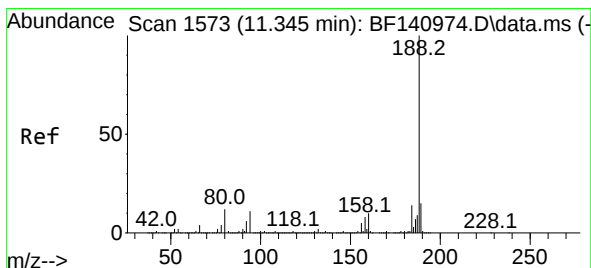
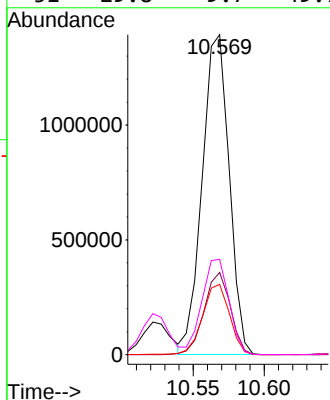
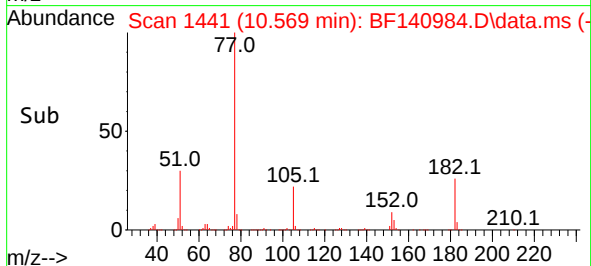
Tgt Ion: 77 Resp: 184146
Ion Ratio Lower Upper
77 100
182 25.7 4.1 44.1
105 22.0 1.8 41.8
51 29.8 9.7 49.7

Manual Integrations

APPROVED

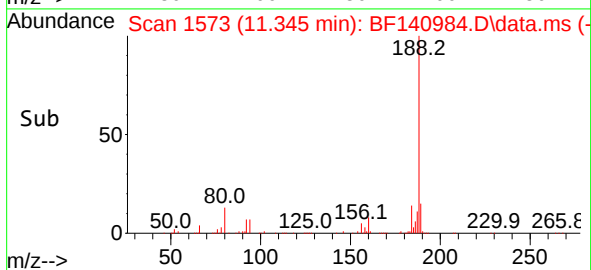
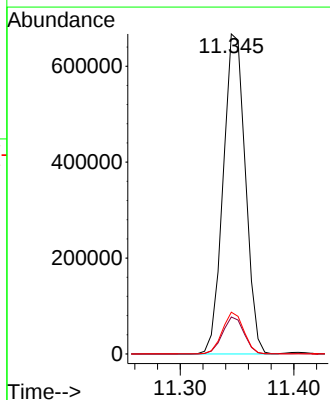
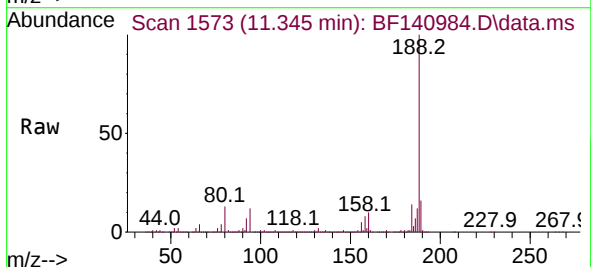
Reviewed By :Yogesh Patel 12/30/2024

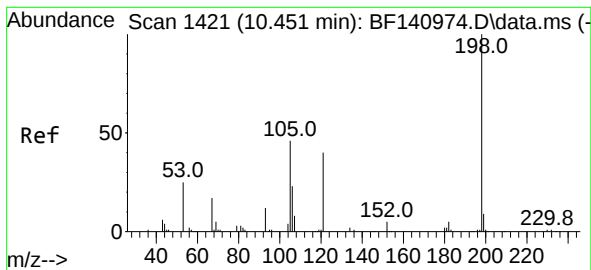
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

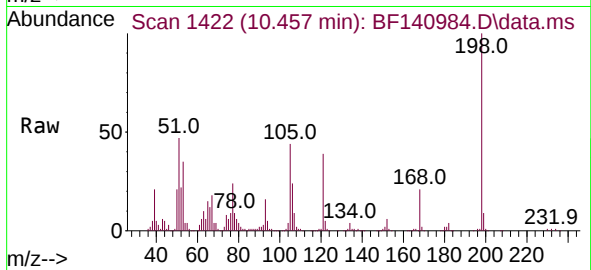
Tgt Ion:188 Resp: 904810
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.6
80 13.1 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 59.094 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

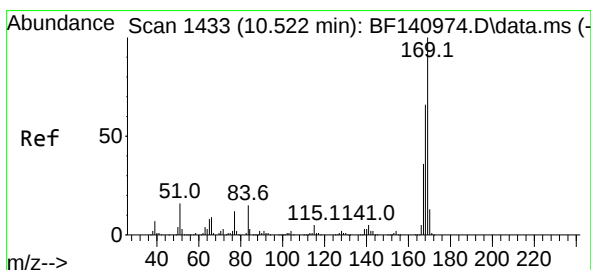
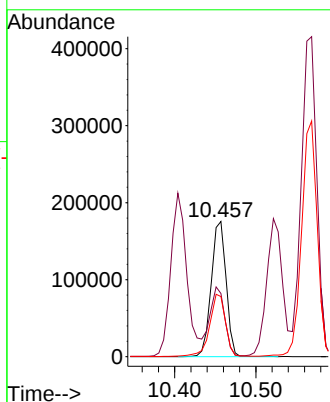
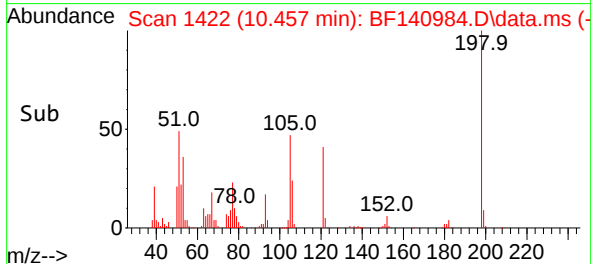
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion:198 Resp: 222859
Ion Ratio Lower Upper
198 100
51 46.8 32.3 72.3
105 44.5 28.4 68.4

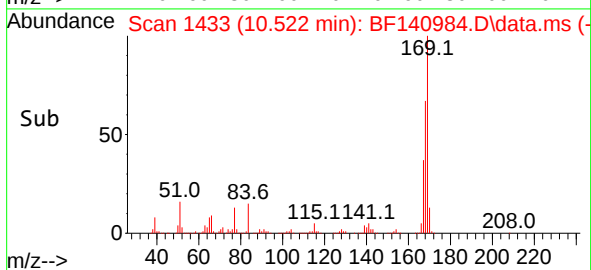
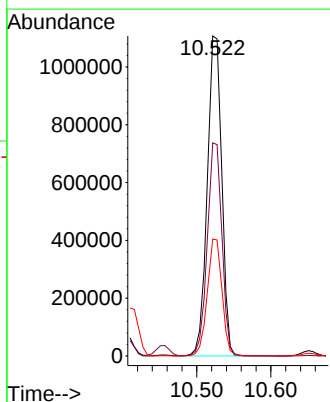
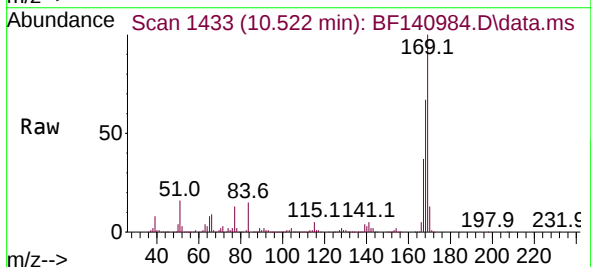
Manual Integrations
APPROVED

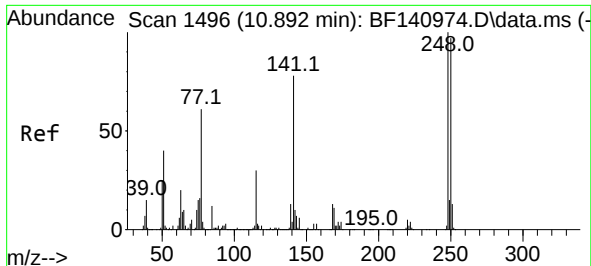
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#66
n-Nitrosodiphenylamine
Concen: 52.685 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

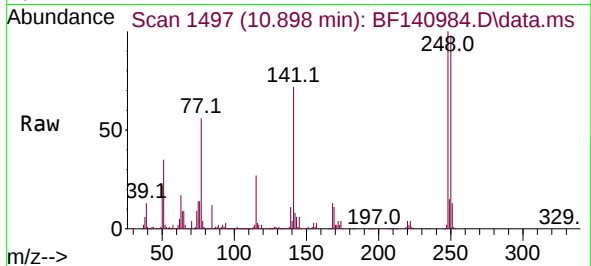
Tgt Ion:169 Resp: 1501114
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.5 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 52.784 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

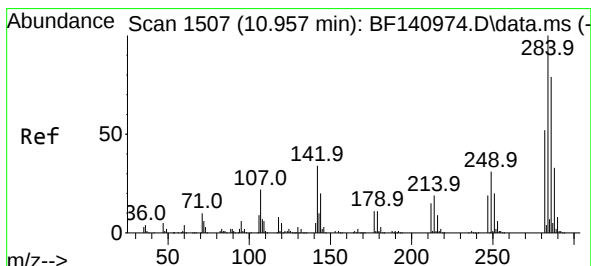
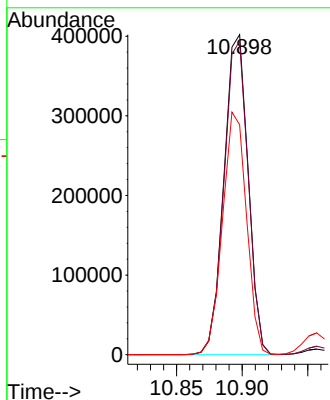
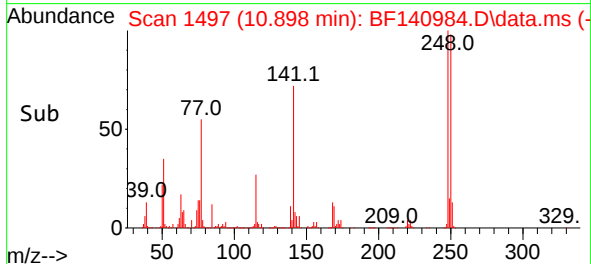
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



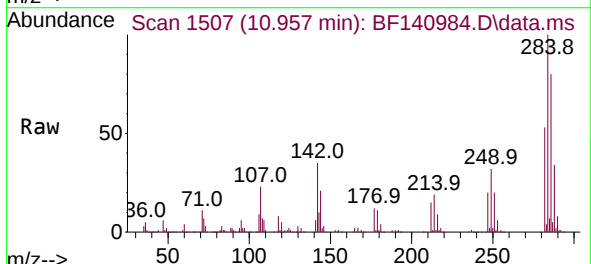
Tgt Ion:248 Resp: 51629
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 71.9 62.1 93.1

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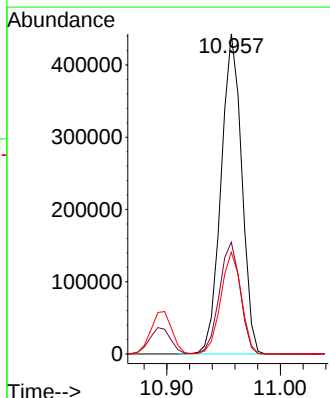
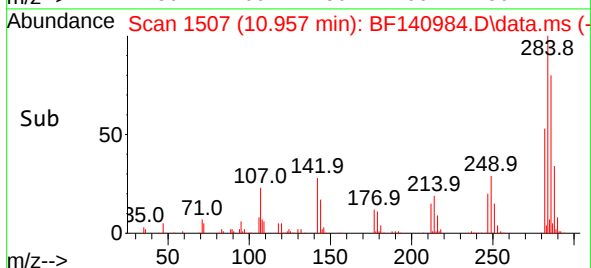
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

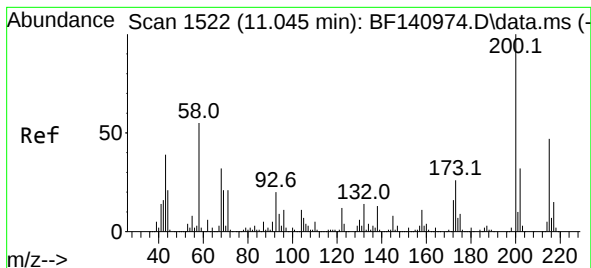


#68
Hexachlorobenzene
Concen: 51.868 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion:284 Resp: 559415
Ion Ratio Lower Upper
284 100
142 34.9 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 65.073 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:200 Resp: 517970

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

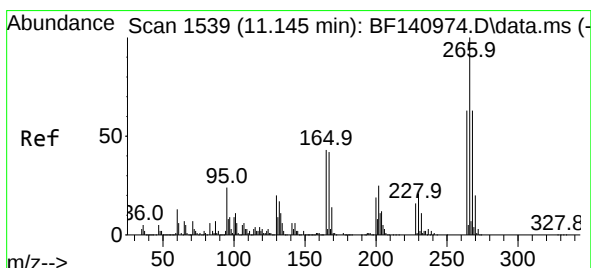
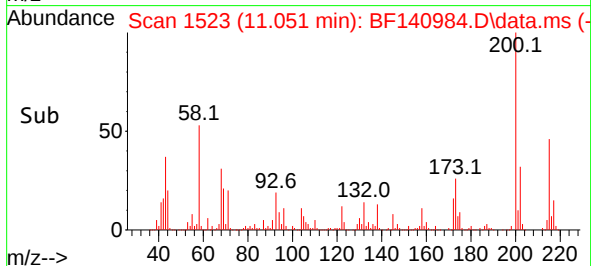
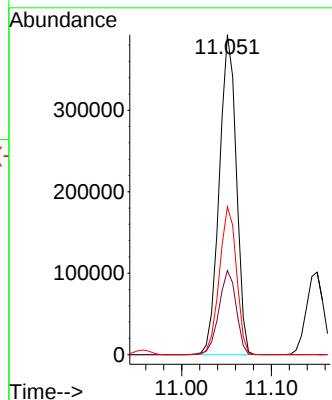
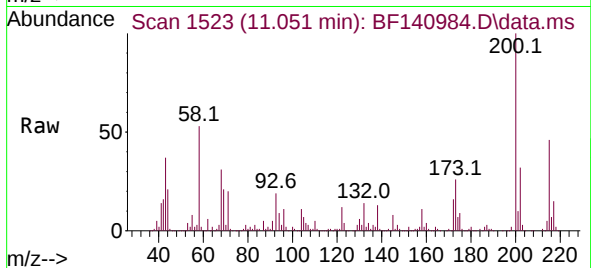
215 46.3 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 107.006 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

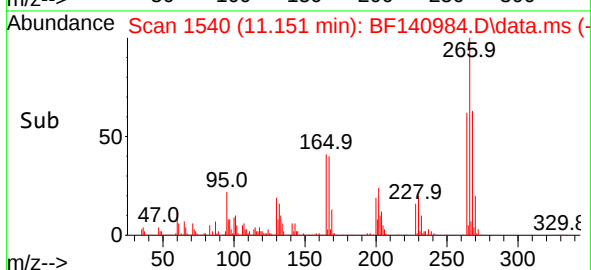
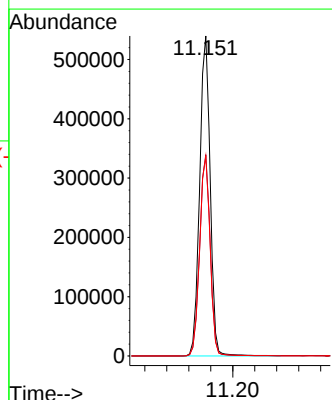
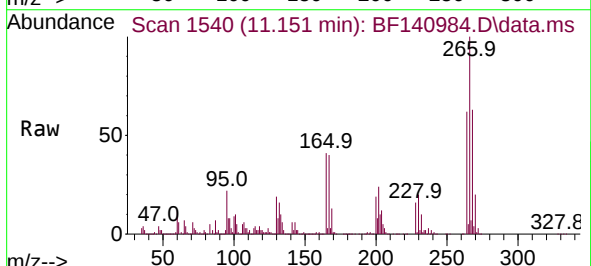
Tgt Ion:266 Resp: 718542

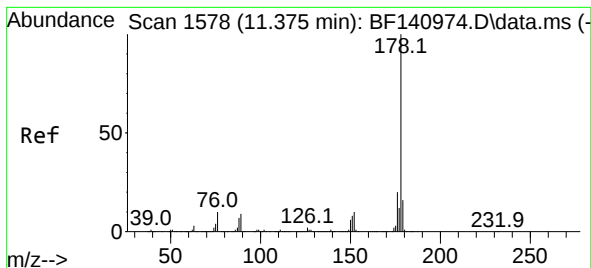
Ion Ratio Lower Upper

266 100

268 62.9 50.5 75.7

264 62.4 50.2 75.4





#71

Phenanthrene

Concen: 52.374 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:178 Resp: 2494109

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

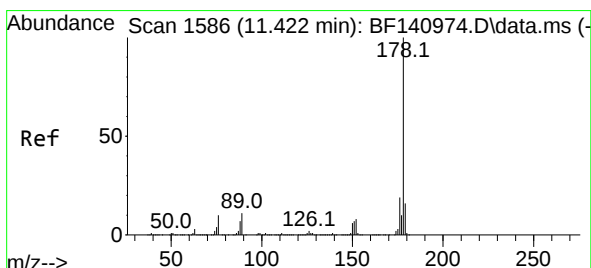
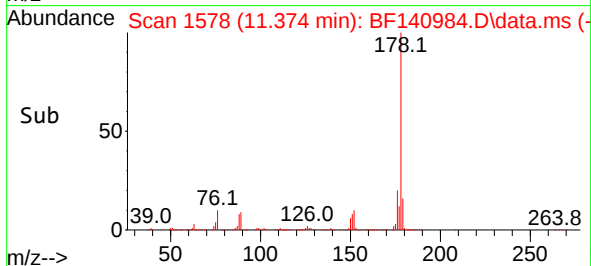
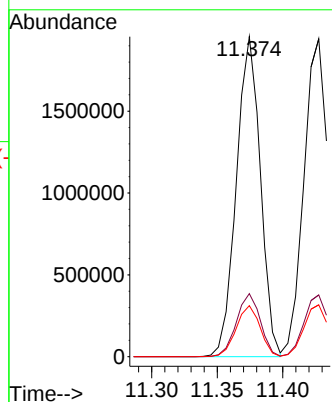
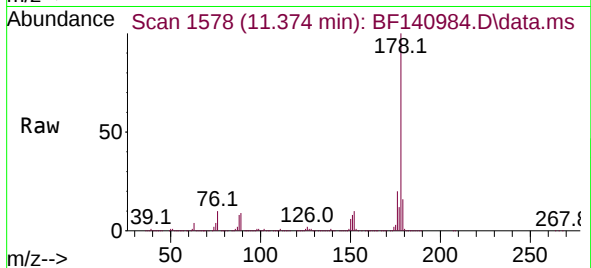
179 16.0 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#72

Anthracene

Concen: 53.905 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

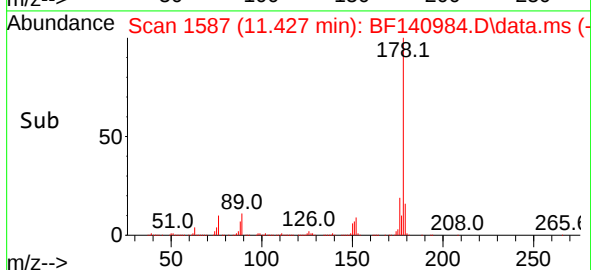
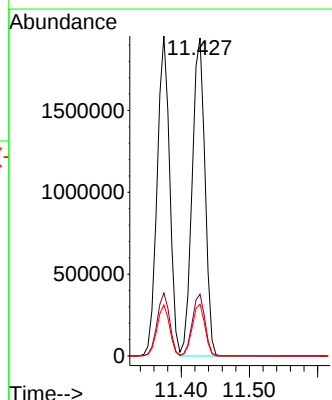
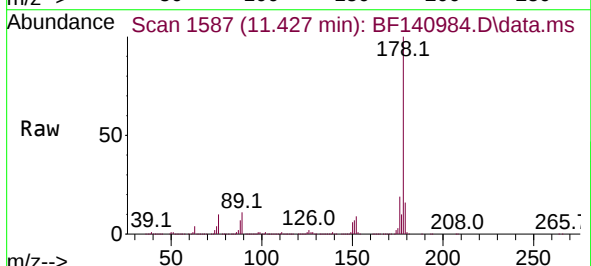
Tgt Ion:178 Resp: 2515336

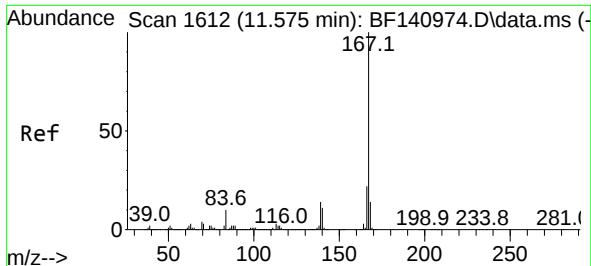
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.3 12.9 19.3





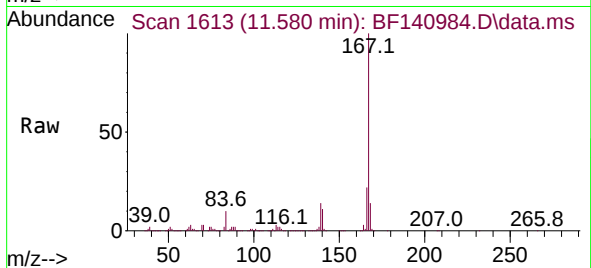
#73
 Carbazole
 Concen: 51.073 ng
 RT: 11.580 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF140984.D
 Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



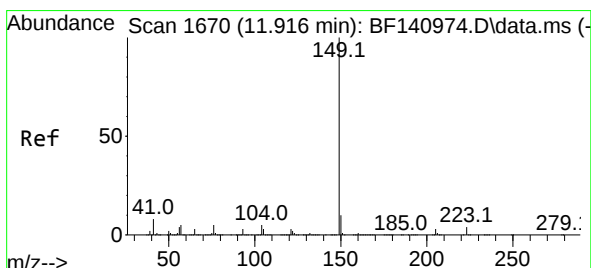
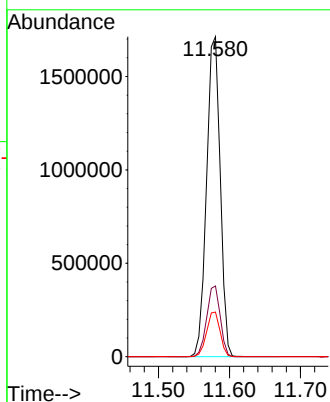
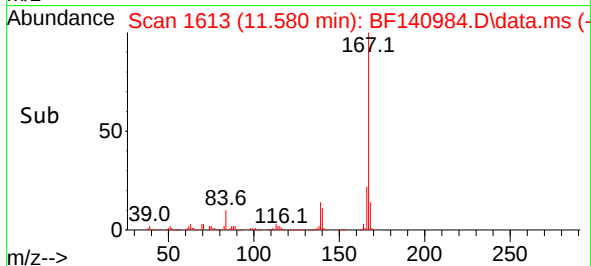
Tgt Ion:167 Resp: 2291020
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.9 11.0 16.4

Manual Integrations

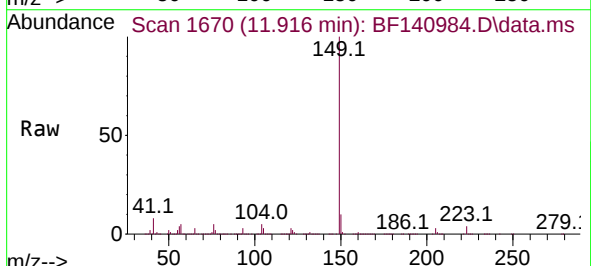
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

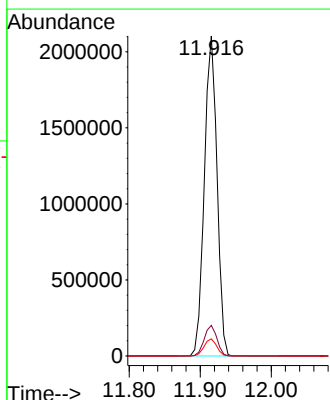
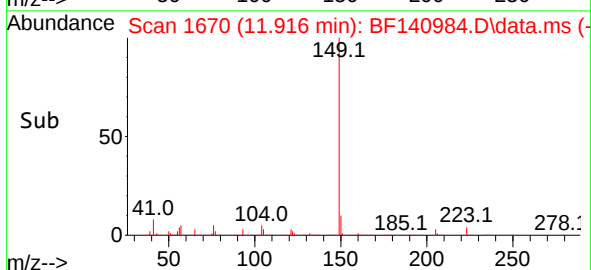
Supervised By :mohammad ahmed 12/30/2024

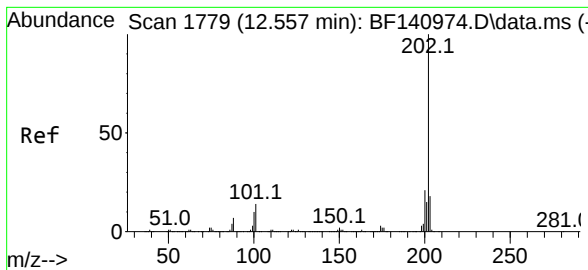


#74
 Di-n-butylphthalate
 Concen: 51.163 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF140984.D
 Acq: 27 Dec 2024 09:37



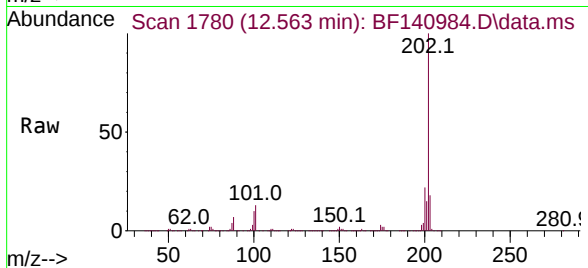
Tgt Ion:149 Resp: 2610419
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 49.733 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

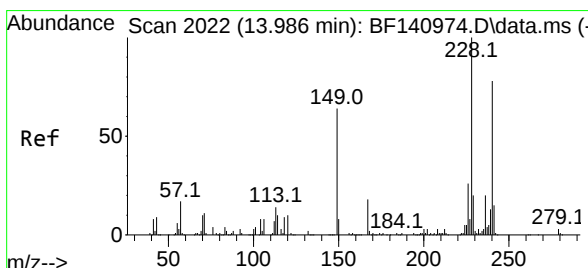
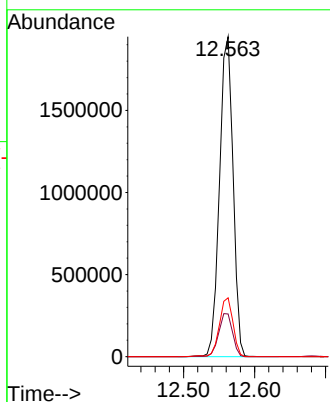
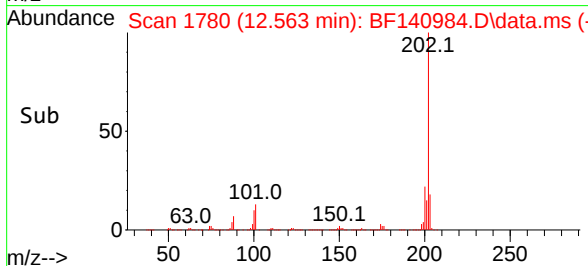
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



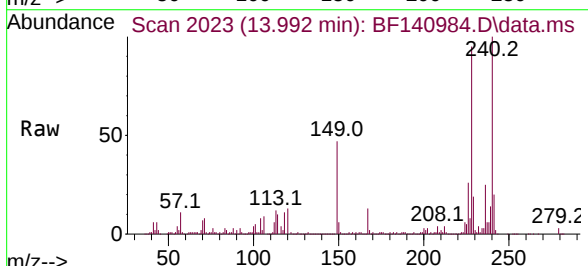
Tgt Ion:202 Resp: 2568604
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.7
203 18.4 0.0 38.1

Manual Integrations
APPROVED

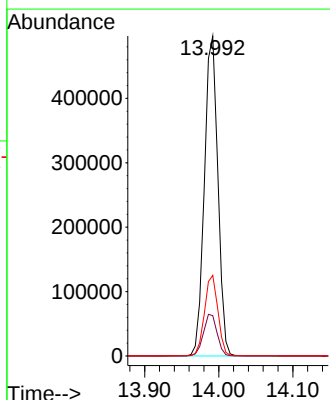
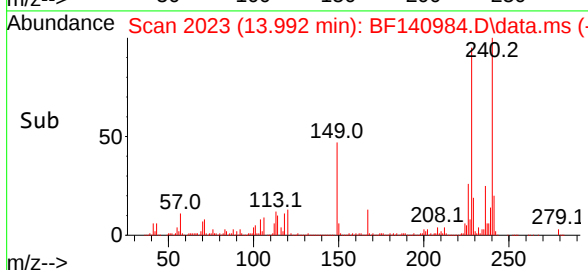
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

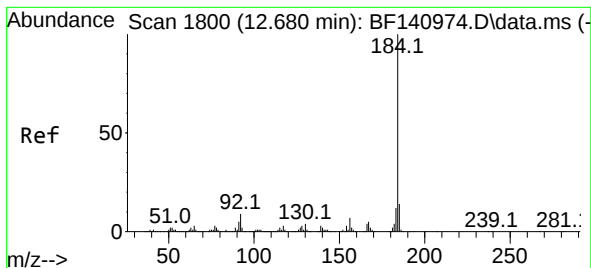


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion:240 Resp: 628438
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 25.2 20.6 31.0





#77

Benzidine

Concen: 65.691 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:184 Resp: 872472

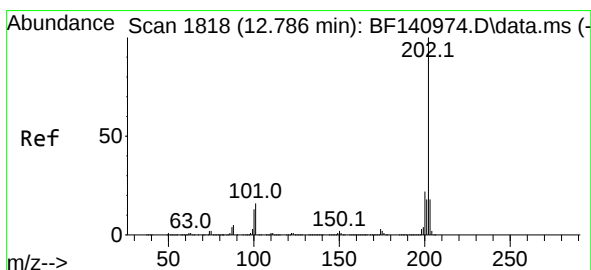
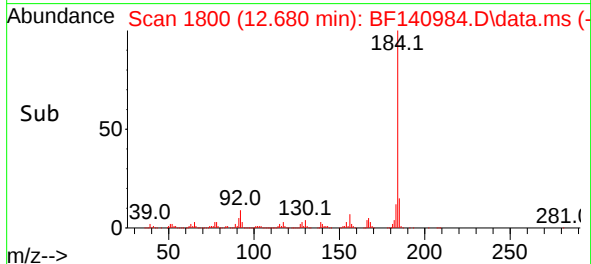
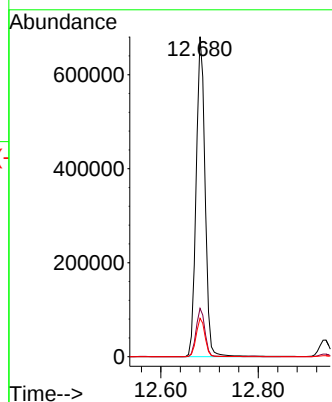
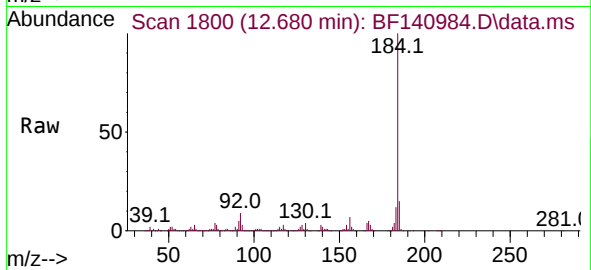
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.4	17.2
183	12.0	9.4	14.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#78

Pyrene

Concen: 49.299 ng

RT: 12.786 min Scan# 1818

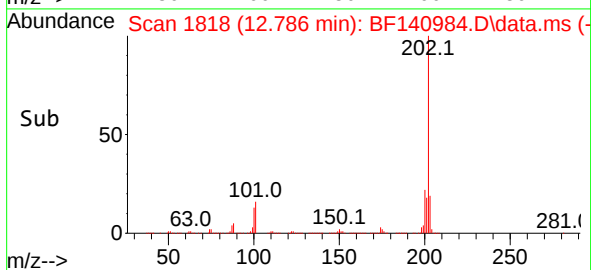
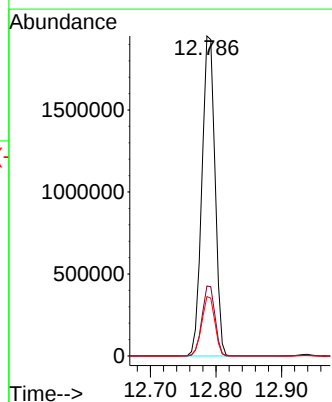
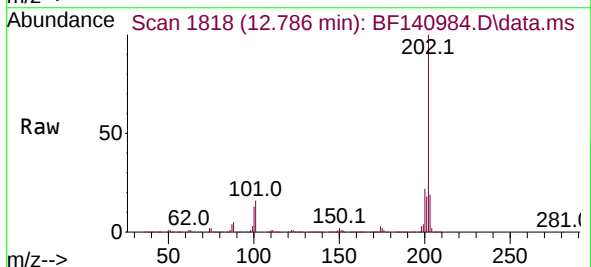
Delta R.T. -0.000 min

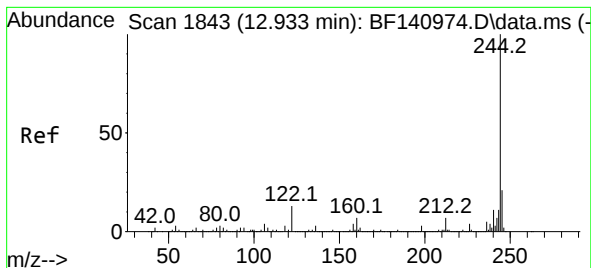
Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Tgt Ion:202 Resp: 2709587

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.3	25.9
203	18.6	14.6	21.8





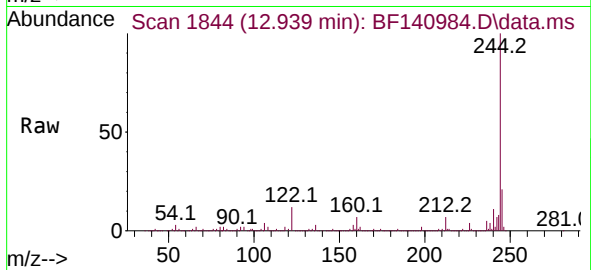
#79
 Terphenyl-d14
 Concen: 99.382 ng
 RT: 12.939 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF140984.D
 Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD



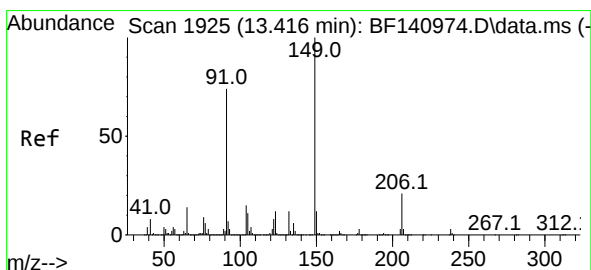
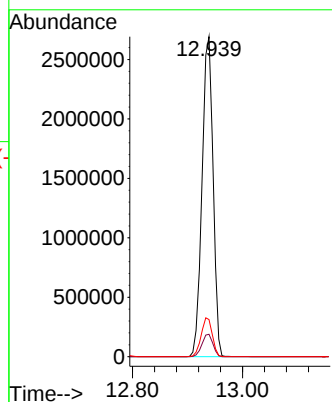
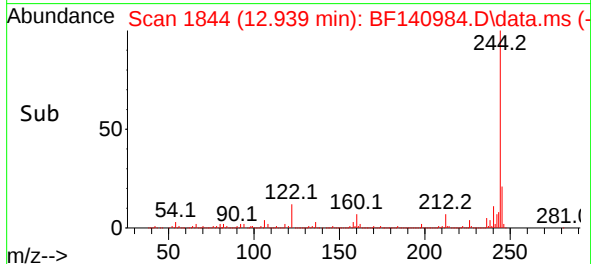
Tgt Ion:244 Resp: 376010
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.6 10.2 15.2

Manual Integrations

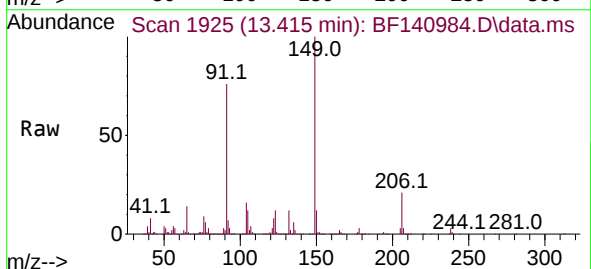
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

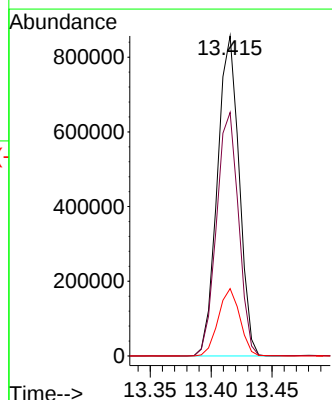
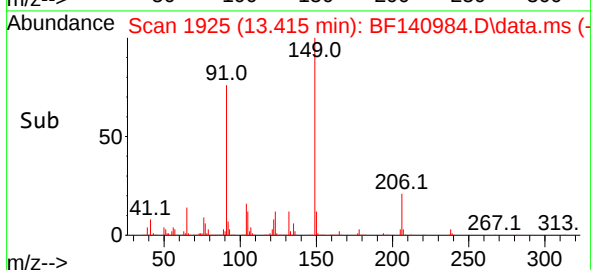
Supervised By :mohammad ahmed 12/30/2024

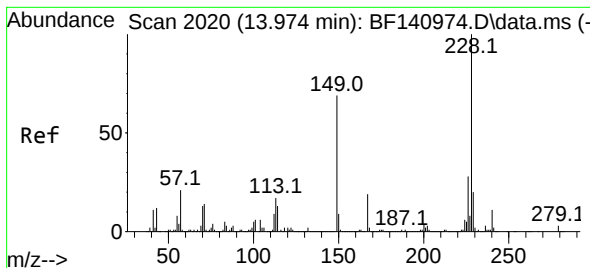


#80
 Butylbenzylphthalate
 Concen: 53.116 ng
 RT: 13.415 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: BF140984.D
 Acq: 27 Dec 2024 09:37



Tgt Ion:149 Resp: 1066014
 Ion Ratio Lower Upper
 149 100
 91 76.1 59.5 89.3
 206 21.1 17.1 25.7





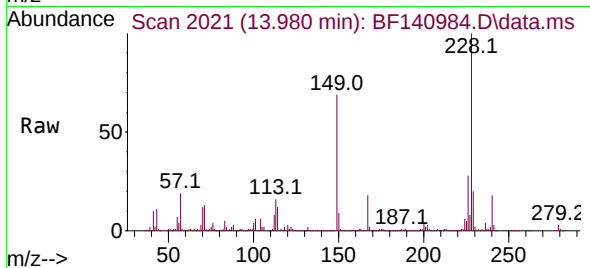
#81
Benzo(a)anthracene
Concen: 49.104 ng
RT: 13.980 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

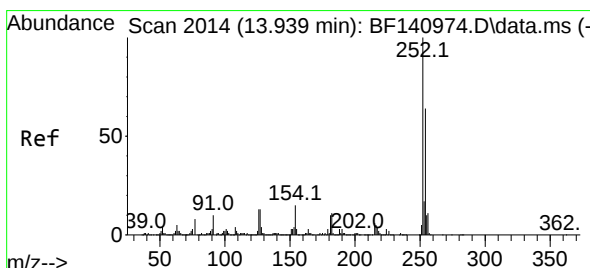
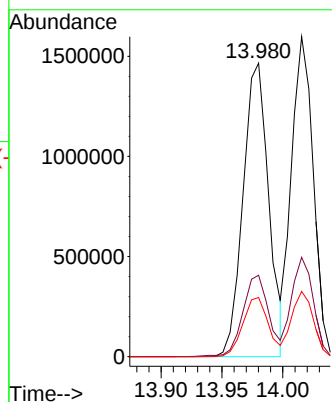
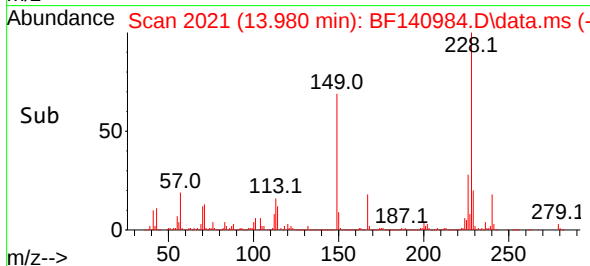


Tgt Ion:228 Resp: 2150700
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.2 16.2 24.2

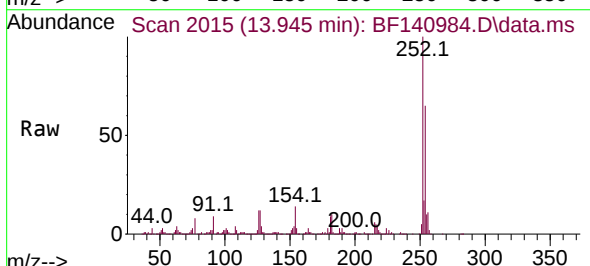
Manual Integrations

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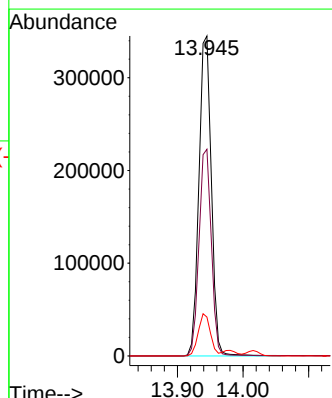
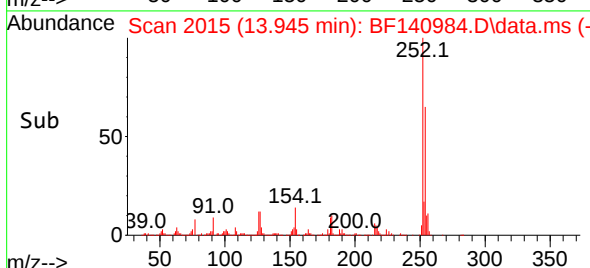
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

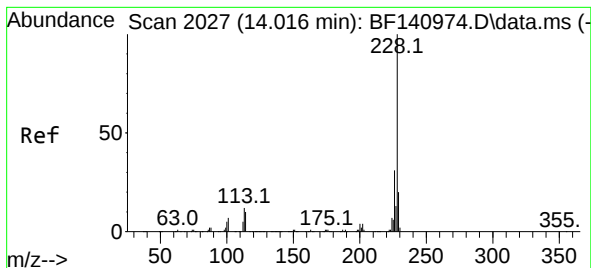


#82
3,3'-Dichlorobenzidine
Concen: 34.589 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37



Tgt Ion:252 Resp: 455155
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 12.2 10.3 15.5





#83

Chrysene

Concen: 50.340 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:228 Resp: 198758

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

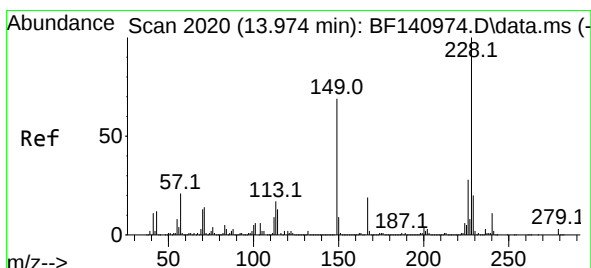
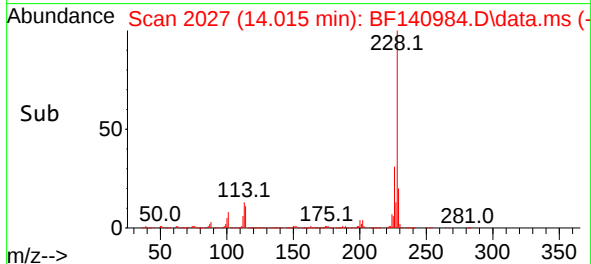
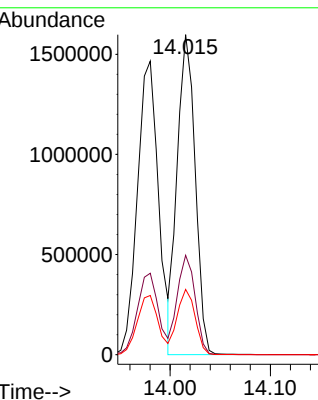
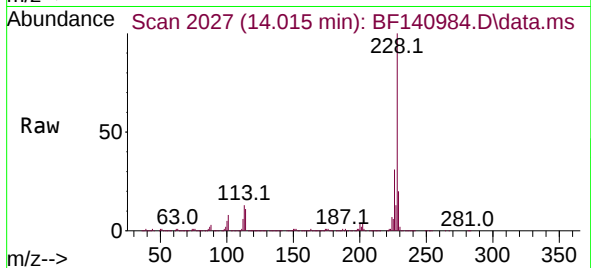
229 20.4 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.018 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

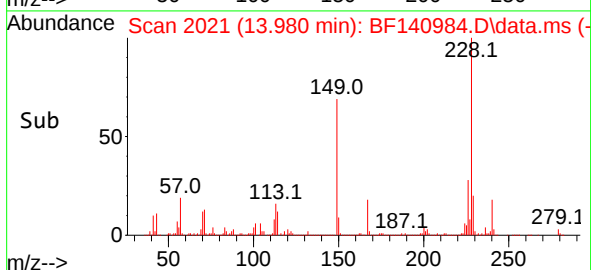
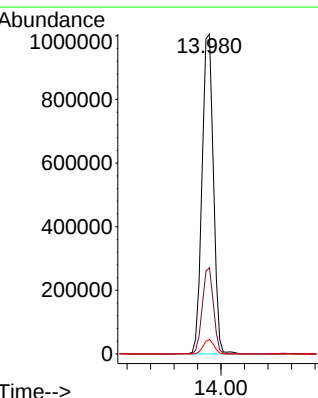
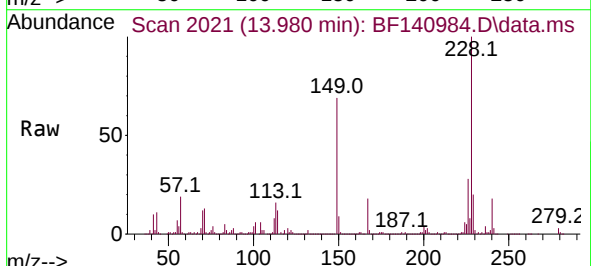
Tgt Ion:149 Resp: 1354190

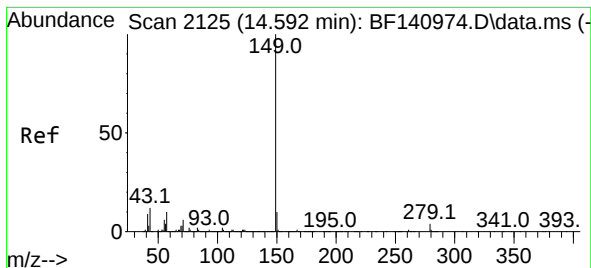
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.511 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:149 Resp: 2091584

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

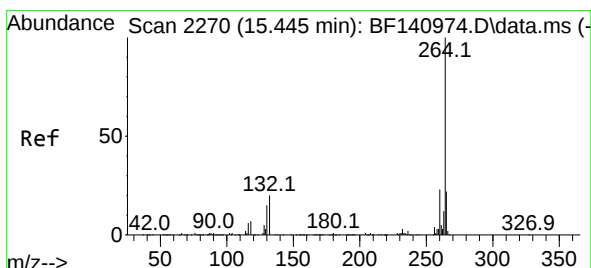
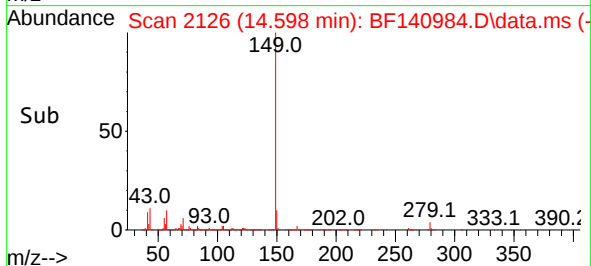
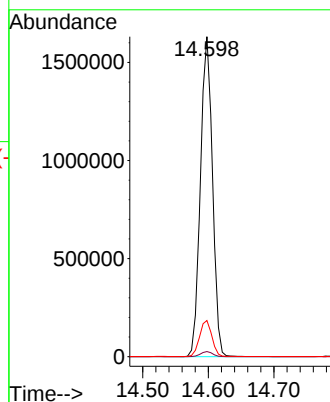
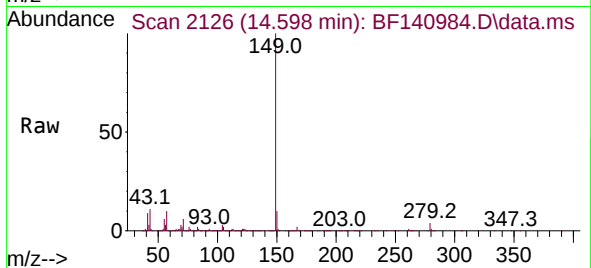
43 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

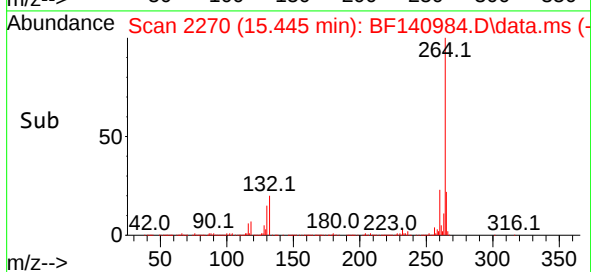
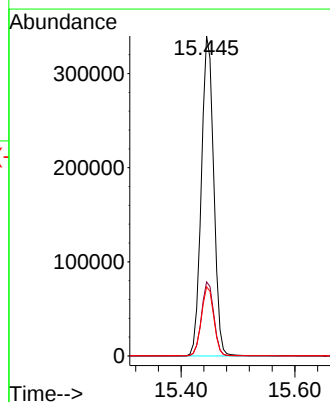
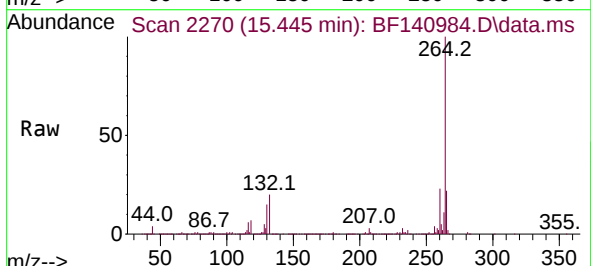
Tgt Ion:264 Resp: 514184

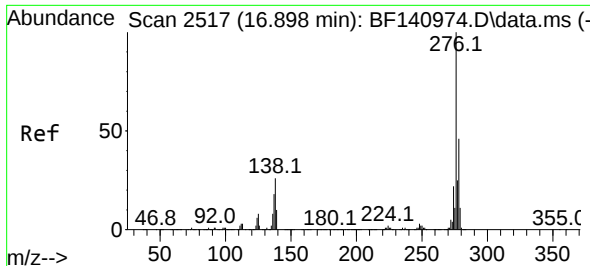
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.626 ng
RT: 16.904 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

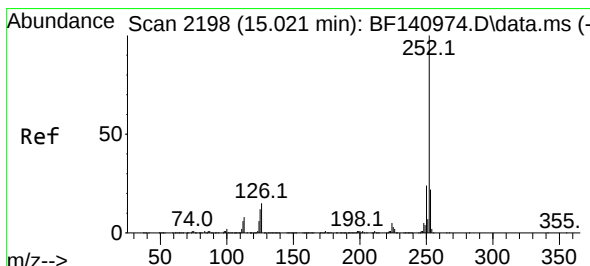
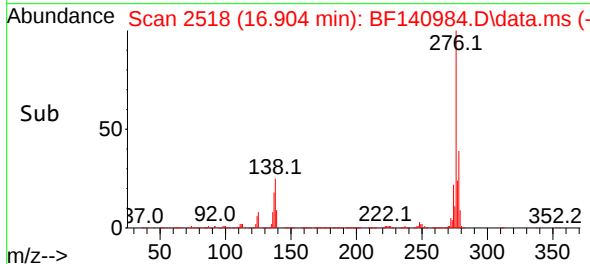
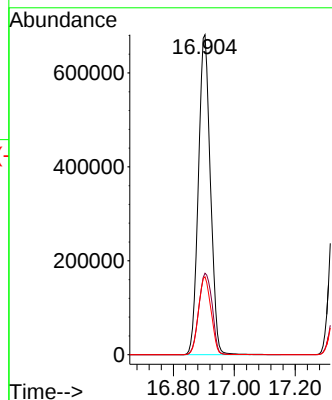
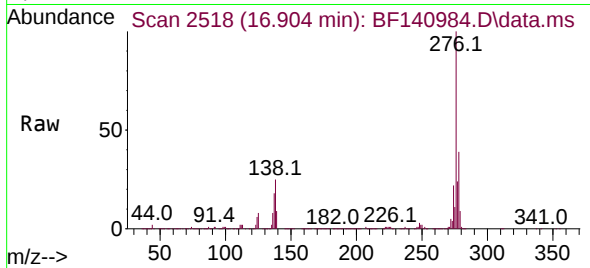
ClientSampleId :

PB165785BSD

Tgt Ion:276 Resp: 1866789
Ion Ratio Lower Upper
276 100
138 28.4 23.1 34.7
277 25.4 20.4 30.6

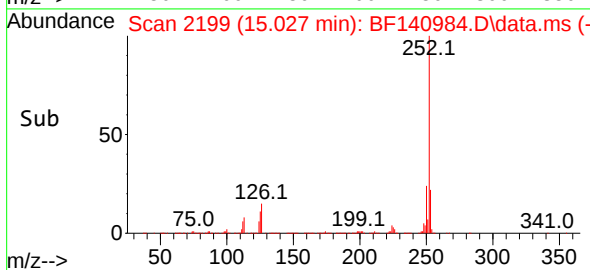
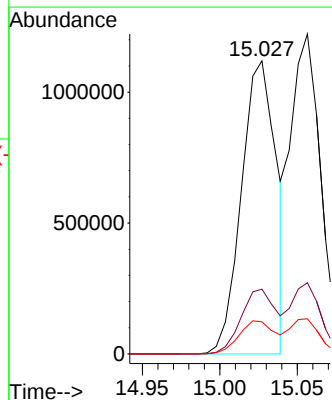
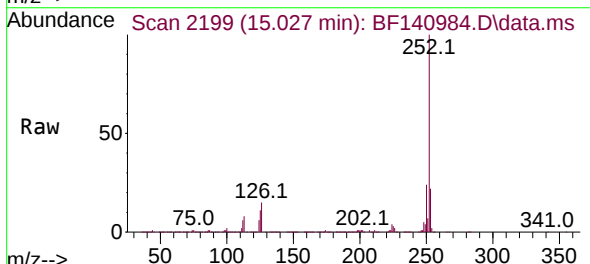
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APPROVED

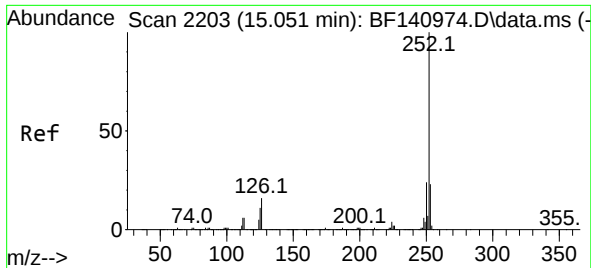
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 48.689 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

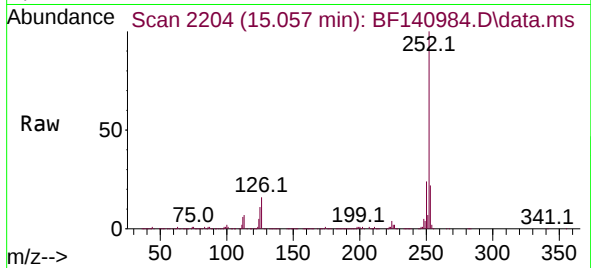
Tgt Ion:252 Resp: 1746067
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 9.3 13.9





#89
Benzo(k)fluoranthene
Concen: 58.154 ng
RT: 15.057 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

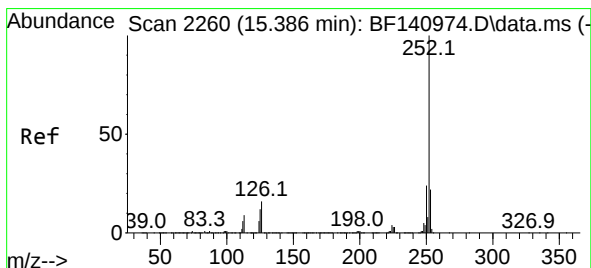
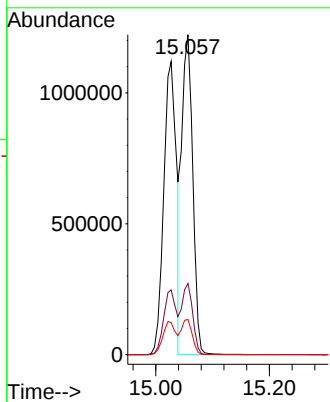
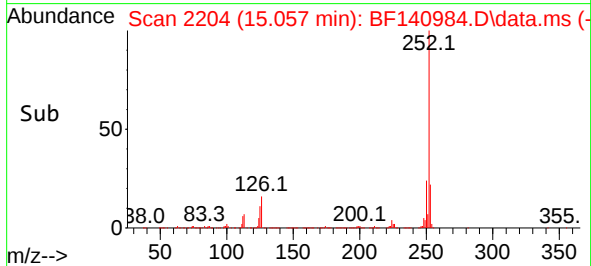
Instrument :
BNA_F
ClientSampleId :
PB165785BSD



Tgt Ion:252 Resp: 1634528
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 9.4 14.0

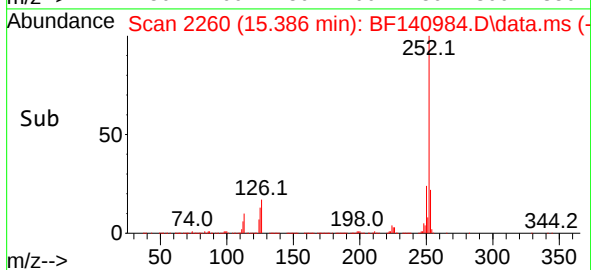
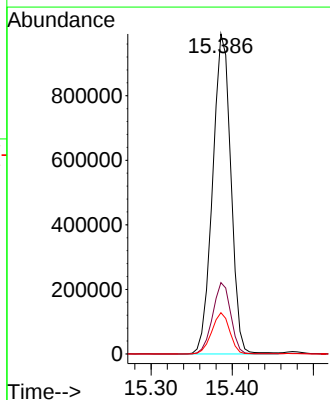
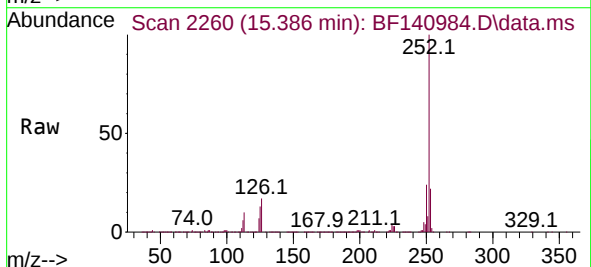
Manual Integrations
APPROVED

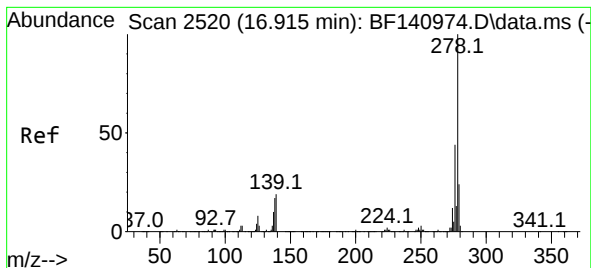
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#90
Benzo(a)pyrene
Concen: 55.637 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF140984.D
Acq: 27 Dec 2024 09:37

Tgt Ion:252 Resp: 1548637
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.9 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 57.398 ng

RT: 16.921 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Instrument :

BNA_F

ClientSampleId :

PB165785BSD

Tgt Ion:278 Resp: 1507250

Ion Ratio Lower Upper

278 100

139 18.9 14.9 22.3

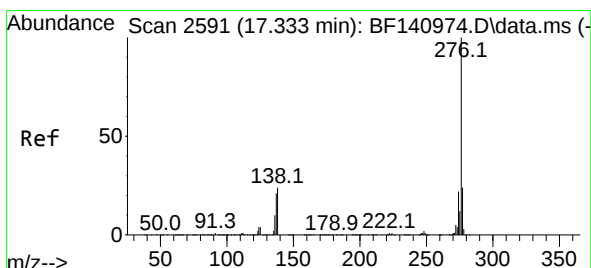
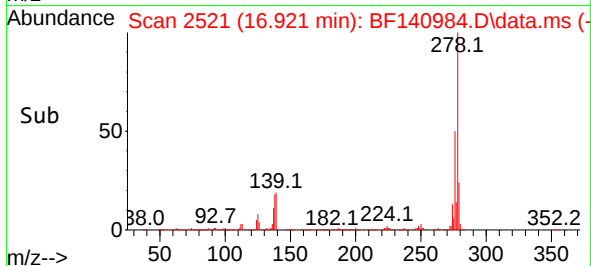
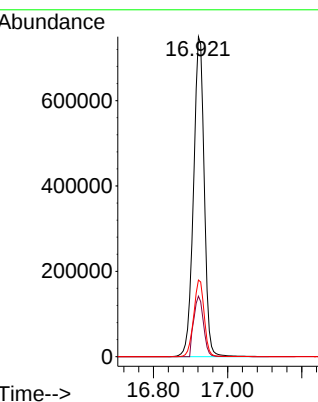
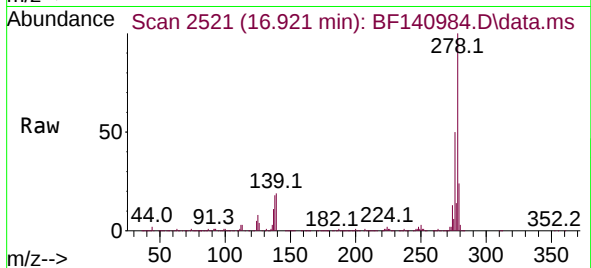
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#92

Benzo(g,h,i)perylene

Concen: 52.701 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF140984.D

Acq: 27 Dec 2024 09:37

Tgt Ion:276 Resp: 1435370

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 24.4 19.4 29.2

