

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140990.D
 Acq On : 27 Dec 2024 12:14
 Operator : RC/JU
 Sample : PB165814BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165814BS

Quant Time: Dec 27 12:56:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	251701	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1024345	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	541141	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	919053	20.000	ng	0.00
76) Chrysene-d12	13.986	240	633131	20.000	ng	0.00
86) Perylene-d12	15.439	264	527325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2370873	141.986	ng	0.01
7) Phenol-d6	6.451	99	3036113	141.145	ng	0.00
23) Nitrobenzene-d5	7.392	82	1878501	117.326	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	875393	166.478	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3275052	96.425	ng	0.00
79) Terphenyl-d14	12.933	244	3809770	99.948	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	333695	44.141	ng	99
3) Pyridine	3.398	79	871293	47.161	ng	99
4) n-Nitrosodimethylamine	3.351	42	478844	51.155	ng	99
6) Aniline	6.492	93	874426	45.580	ng	99
8) 2-Chlorophenol	6.610	128	939055	53.341	ng	98
9) Benzaldehyde	6.375	77	200866	13.650	ng	99
10) Phenol	6.469	94	1171693	52.678	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	902335	50.243	ng	99
12) 1,3-Dichlorobenzene	6.769	146	943804	48.577	ng	100
13) 1,4-Dichlorobenzene	6.845	146	954534	48.736	ng	99
14) 1,2-Dichlorobenzene	6.998	146	917350	50.235	ng	99
15) Benzyl Alcohol	6.969	79	814451	52.689	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1432863	52.757	ng	99
17) 2-Methylphenol	7.075	107	765214	52.320	ng	99
18) Hexachloroethane	7.339	117	348187	50.044	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	669878	50.833	ng	99
20) 3+4-Methylphenols	7.228	107	927748	50.126	ng	94
22) Acetophenone	7.239	105	1233234	49.077	ng	99
24) Nitrobenzene	7.410	77	968330	54.125	ng	98
25) Isophorone	7.651	82	1784471	51.218	ng	99
26) 2-Nitrophenol	7.728	139	424376	56.791	ng	98
27) 2,4-Dimethylphenol	7.757	122	770013	60.473	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1082836	49.054	ng	99
29) 2,4-Dichlorophenol	7.963	162	748910	51.859	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	770747	47.154	ng	99
31) Naphthalene	8.133	128	2617061	48.485	ng	100
32) Benzoic acid	7.875	122	528449	50.041	ng	98
33) 4-Chloroaniline	8.175	127	339031	17.362	ng	99
34) Hexachlorobutadiene	8.251	225	461076	47.849	ng	99
35) Caprolactam	8.545	113	255879m	52.120	ng	
36) 4-Chloro-3-methylphenol	8.651	107	814204	50.768	ng	99
37) 2-Methylnaphthalene	8.822	142	1701506	49.275	ng	99
38) 1-Methylnaphthalene	8.922	142	1585416	46.717	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	737419	49.533	ng	99
41) Hexachlorocyclopentadiene	8.975	237	897033	181.823	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	545658	55.070	ng	100

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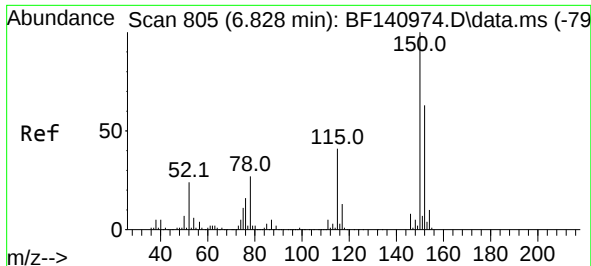
Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	515432	50.841	ng	99
46) 1,1'-Biphenyl	9.286	154	2055713	49.613	ng	100
47) 2-Chloronaphthalene	9.310	162	1537450	47.842	ng	99
48) 2-Nitroaniline	9.404	65	487997	57.075	ng	93
49) Acenaphthylene	9.727	152	2430507	52.539	ng	99
50) Dimethylphthalate	9.586	163	1833974	51.524	ng	100
51) 2,6-Dinitrotoluene	9.645	165	401522	54.757	ng	98
52) Acenaphthene	9.898	154	1712545	54.759	ng	100
53) 3-Nitroaniline	9.810	138	257155	33.624	ng	# 95
54) 2,4-Dinitrophenol	9.916	184	331319	101.758	ng	# 1
55) Dibenzofuran	10.069	168	2200885	50.075	ng	100
56) 4-Nitrophenol	9.969	139	728498	119.648	ng	98
57) 2,4-Dinitrotoluene	10.051	165	532247	58.802	ng	98
58) Fluorene	10.410	166	1652515	48.486	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	471237	56.124	ng	100
60) Diethylphthalate	10.292	149	1787895	50.879	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	797804	48.648	ng	100
62) 4-Nitroaniline	10.427	138	429748	54.039	ng	95
63) Azobenzene	10.563	77	1864588	50.553	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	233087	60.571	ng	94
66) n-Nitrosodiphenylamine	10.522	169	1518417	52.466	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	529887	53.335	ng	100
68) Hexachlorobenzene	10.957	284	564078	51.490	ng	99
69) Atrazine	11.051	200	526059	65.065	ng	99
70) Pentachlorophenol	11.151	266	707064	103.665	ng	99
71) Phenanthrene	11.374	178	2494485	51.570	ng	99
72) Anthracene	11.422	178	2528317	53.343	ng	99
73) Carbazole	11.574	167	2329697	51.130	ng	100
74) Di-n-butylphthalate	11.916	149	2640717	50.955	ng	100
75) Fluoranthene	12.557	202	2588359	49.339	ng	100
77) Benzidine	12.680	184	688958	51.489	ng	99
78) Pyrene	12.786	202	2666892	48.163	ng	99
80) Butylbenzylphthalate	13.410	149	1068367	52.839	ng	97
81) Benzo(a)anthracene	13.974	228	2089530	47.354	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	366414	27.639	ng	100
83) Chrysene	14.015	228	2063978	51.888	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1332849	50.819	ng	100
85) Di-n-octyl phthalate	14.592	149	2101612	55.364	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1862200	56.052	ng	99
88) Benzo(b)fluoranthene	15.021	252	1761651	47.900	ng	99
89) Benzo(k)fluoranthene	15.051	252	1687799	58.553	ng	100
90) Benzo(a)pyrene	15.380	252	1599470	56.031	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1503324	55.822	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1395806	49.972	ng	99

(#) = 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: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

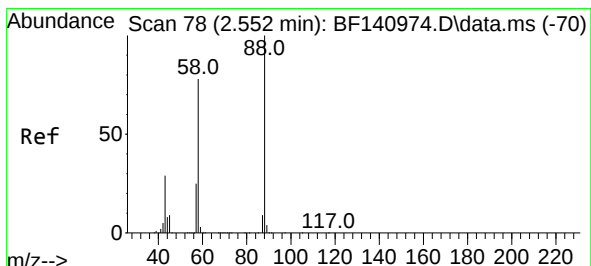
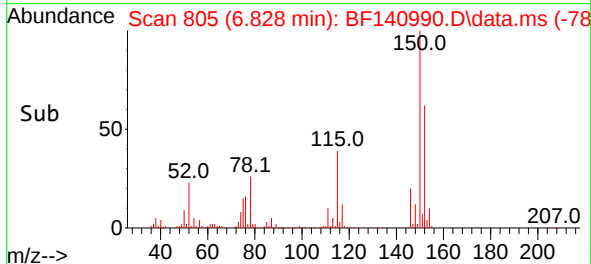
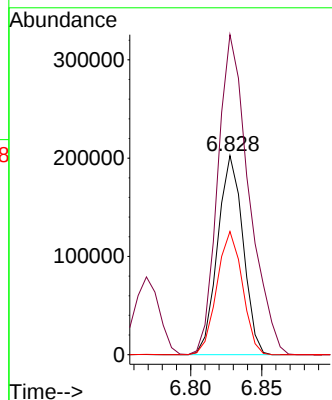
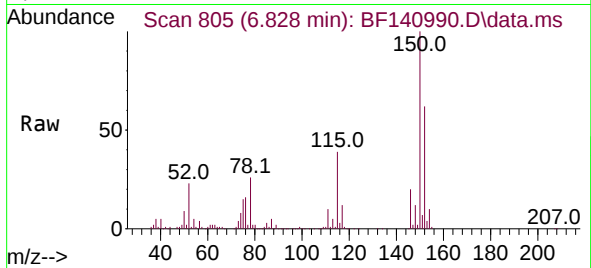
ClientSampleId :

PB165814BS

Tgt Ion:152 Resp: 25170
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 61.9 51.7 77.5

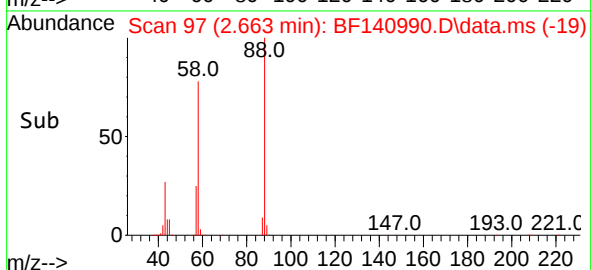
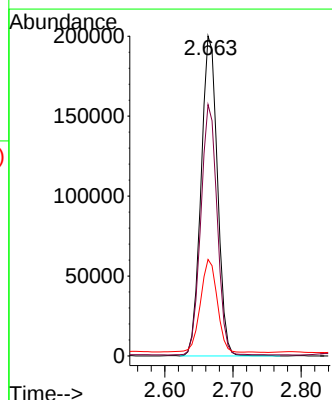
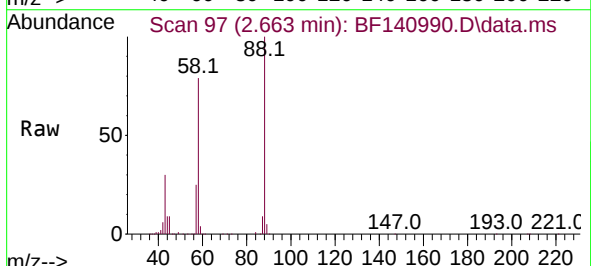
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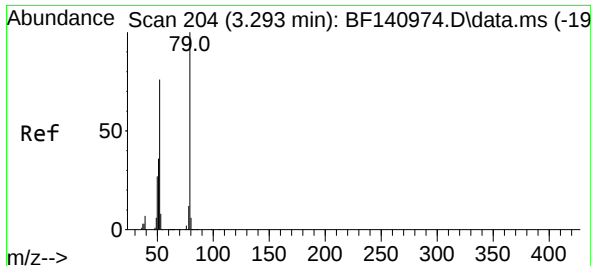
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#2
1,4-Dioxane
Concen: 44.141 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.112 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

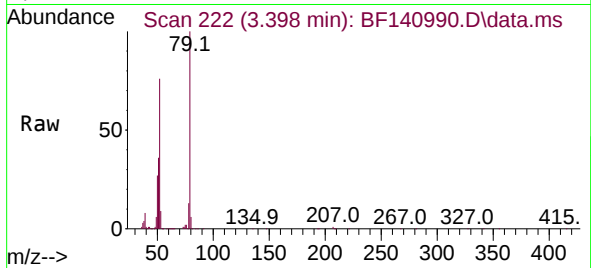
Tgt Ion: 88 Resp: 333695
Ion Ratio Lower Upper
88 100
58 78.1 63.0 94.4
43 29.4 23.4 35.2





#3
Pyridine
Concen: 47.161 ng
RT: 3.398 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

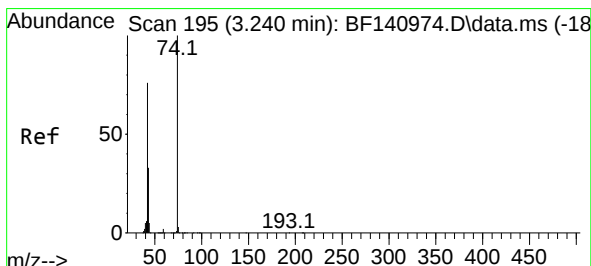
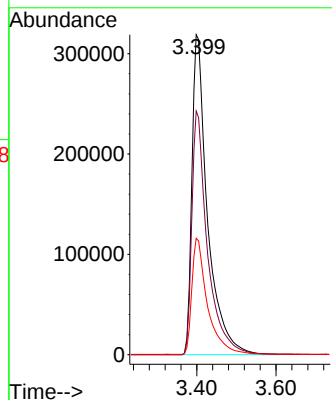
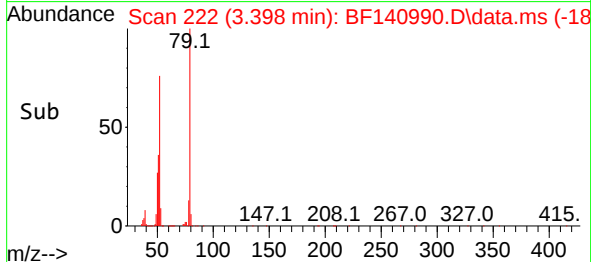
Instrument :
BNA_F
ClientSampleId :
PB165814BS



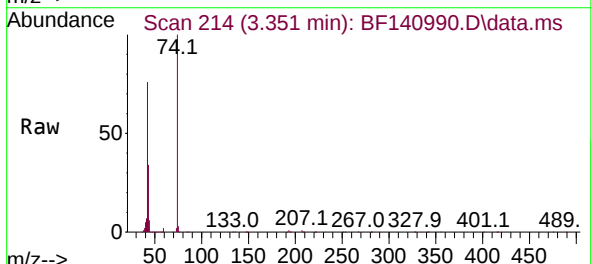
Tgt Ion: 79 Resp: 87129
Ion Ratio Lower Upper
79 100
52 76.1 60.4 90.6
51 36.4 28.8 43.2

Manual Integrations
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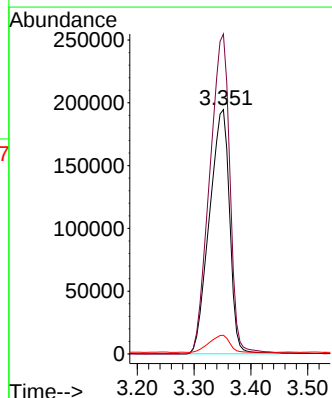
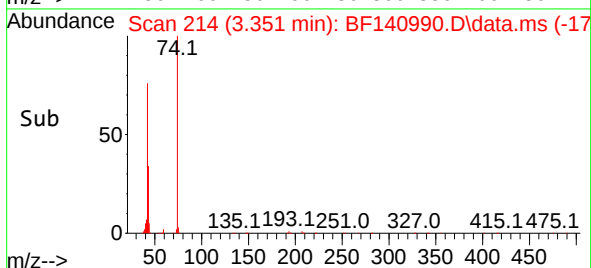
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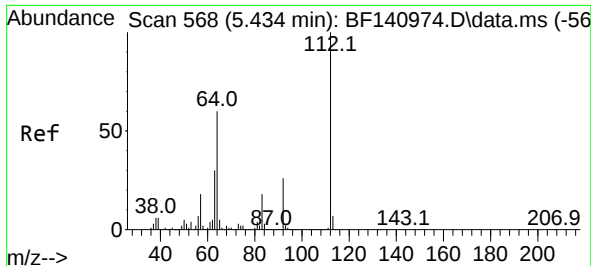


#4
n-Nitrosodimethylamine
Concen: 51.155 ng
RT: 3.351 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion: 42 Resp: 478844
Ion Ratio Lower Upper
42 100
74 130.9 105.8 158.6
44 7.6 6.6 10.0





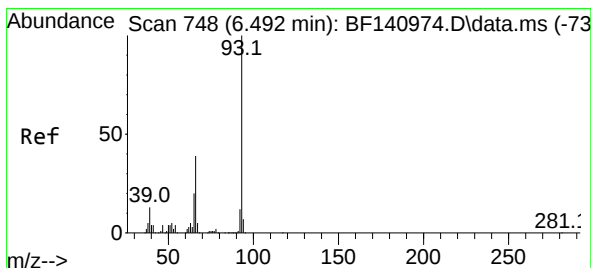
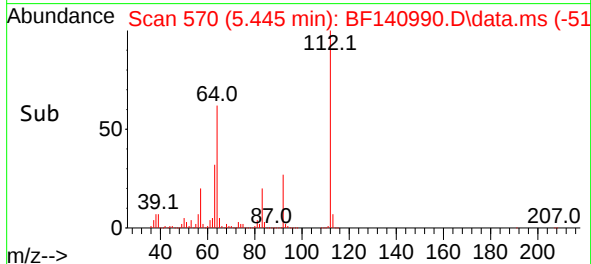
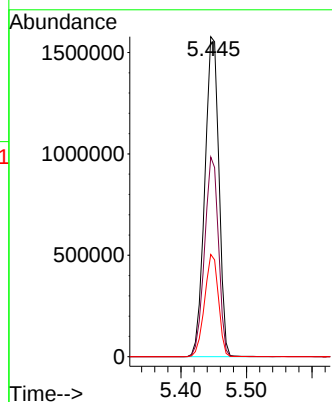
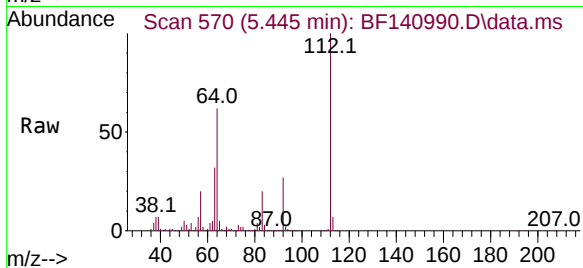
#5
2-Fluorophenol
Concen: 141.986 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 237087
Ion Ratio Lower Upper
112 100
64 62.4 47.7 71.5
63 32.0 24.2 36.2

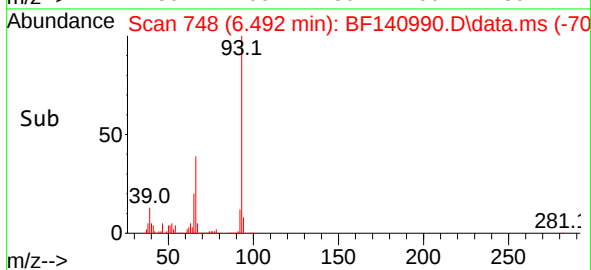
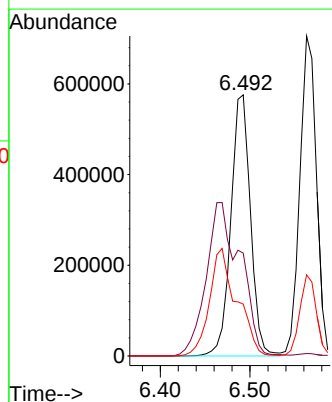
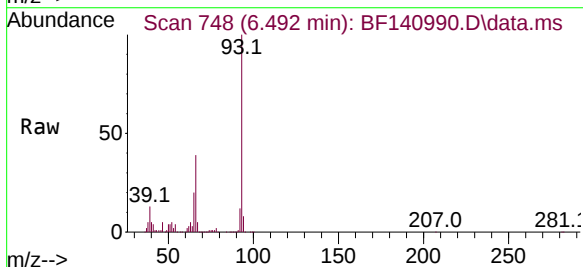
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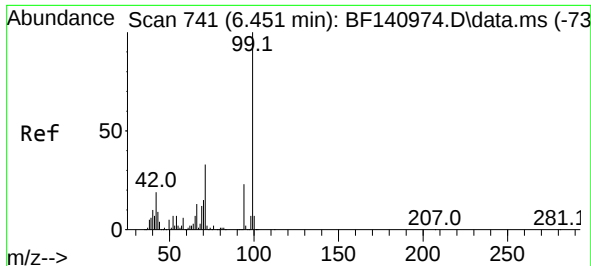
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 45.580 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion: 93 Resp: 874426
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 19.8 15.4 23.0





#7

Phenol-d6

Concen: 141.145 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF140990.D

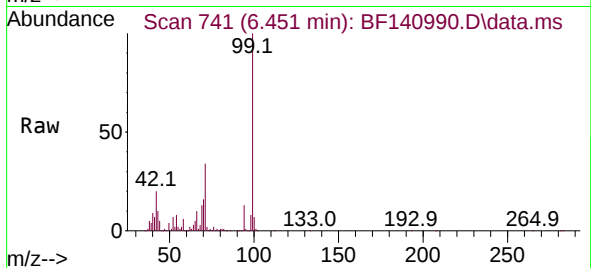
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 303611

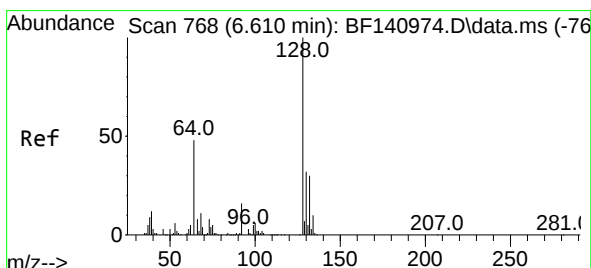
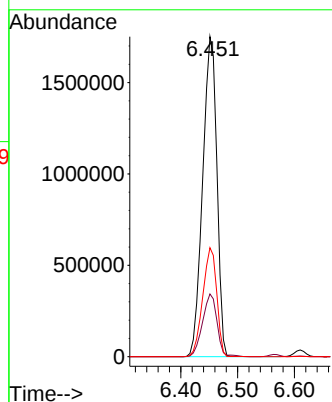
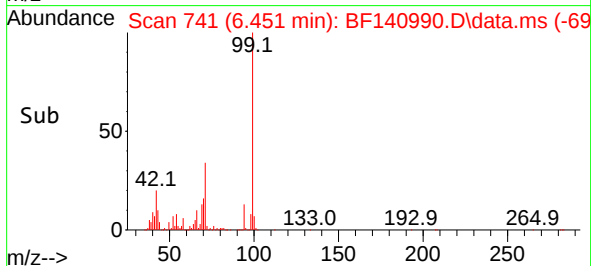
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	34.1	26.2	39.2

Manual Integrations

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Supervised By :mohammad ahmed 12/30/2024



#8

2-Chlorophenol

Concen: 53.341 ng

RT: 6.610 min Scan# 768

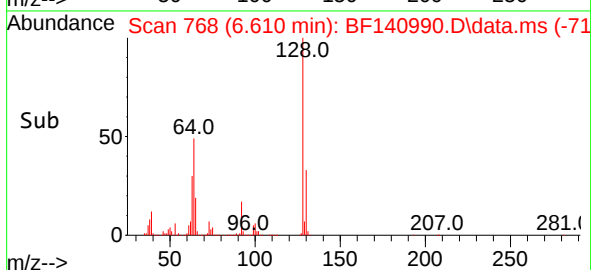
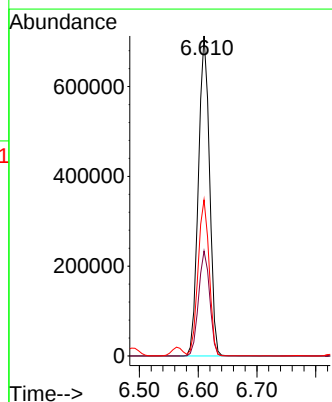
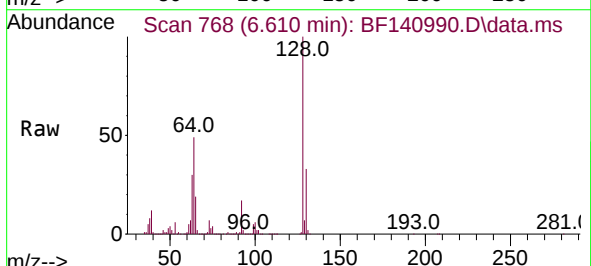
Delta R.T. -0.000 min

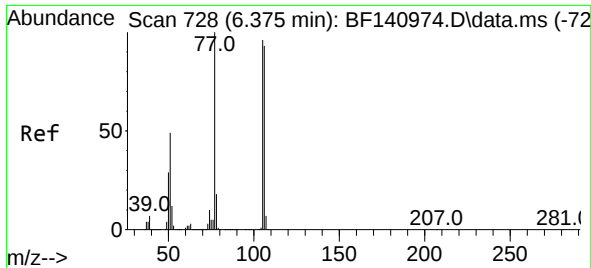
Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

Tgt Ion:128 Resp: 939055

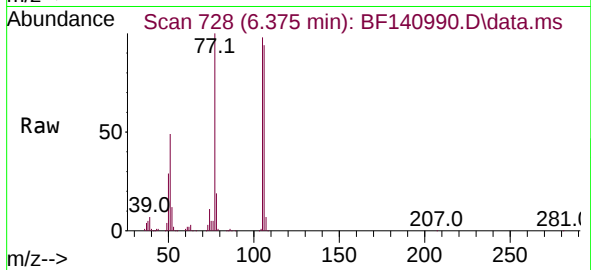
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	48.8	30.3	70.3





#9
Benzaldehyde
Concen: 13.650 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

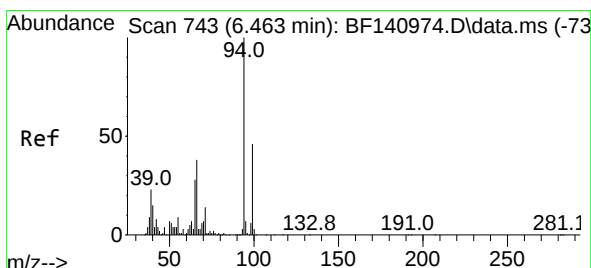
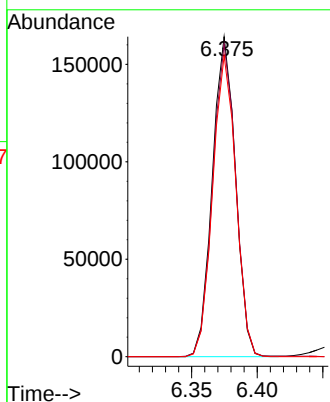
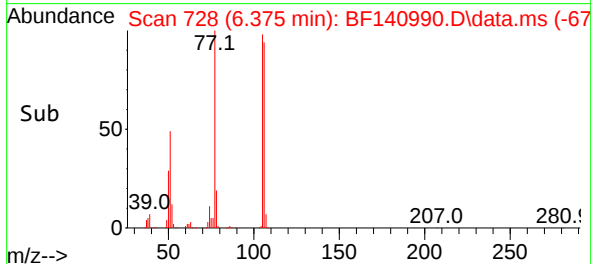
Instrument :
BNA_F
ClientSampleId :
PB165814BS



Tgt Ion: 77 Resp: 200860
Ion Ratio Lower Upper
77 100
105 97.6 76.2 116.2
106 94.1 73.4 113.4

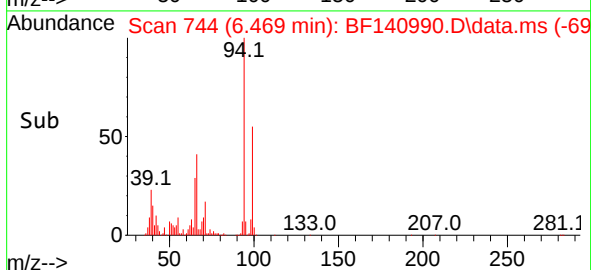
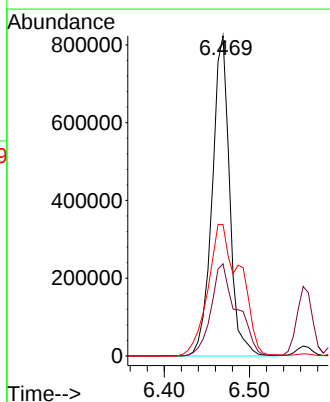
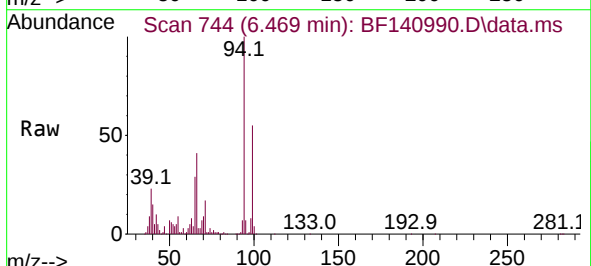
Manual Integrations
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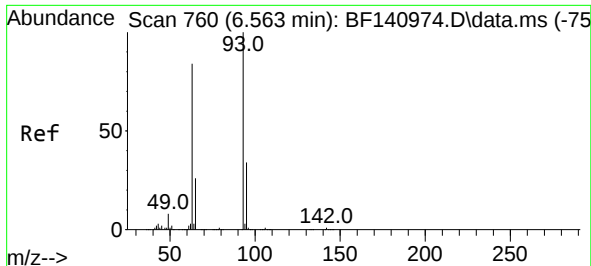
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Phenol
Concen: 52.678 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

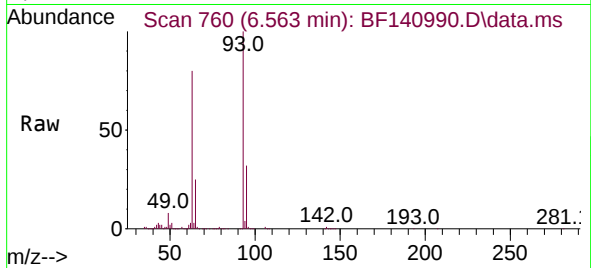
Tgt Ion: 94 Resp: 1171693
Ion Ratio Lower Upper
94 100
65 28.8 8.1 48.1
66 41.1 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 50.243 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

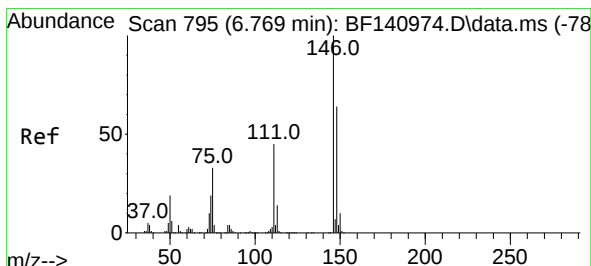
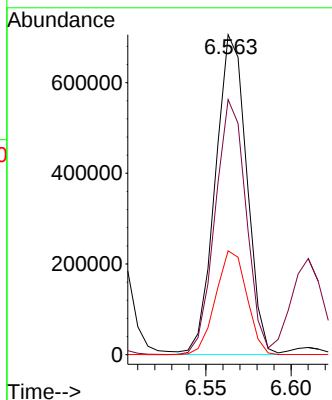
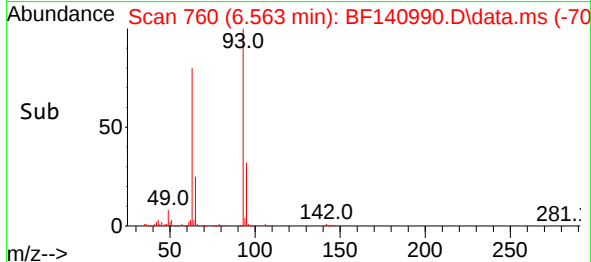
Instrument :
BNA_F
ClientSampleId :
PB165814BS



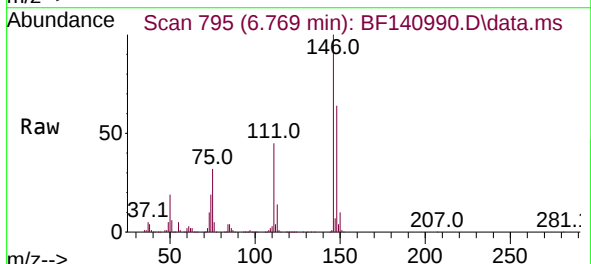
Tgt Ion: 93 Resp: 902335
Ion Ratio Lower Upper
93 100
63 79.7 60.3 100.3
95 32.5 12.2 52.2

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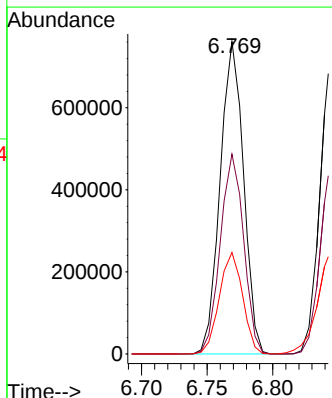
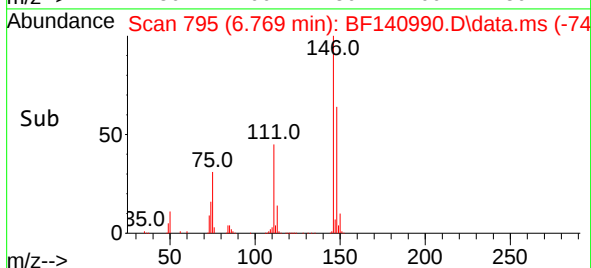
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

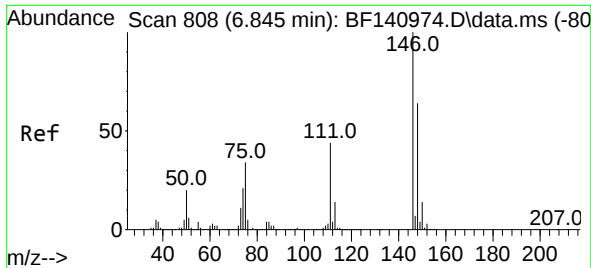


#12
1,3-Dichlorobenzene
Concen: 48.577 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



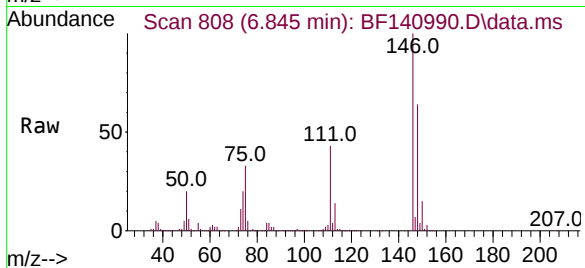
Tgt Ion:146 Resp: 943804
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 32.5 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 48.736 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

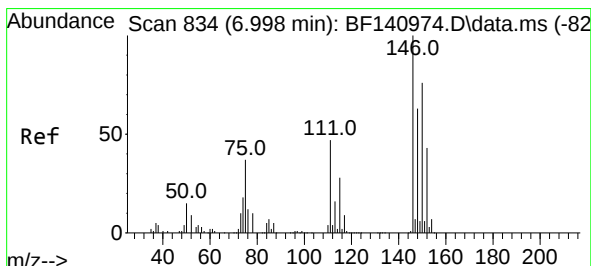
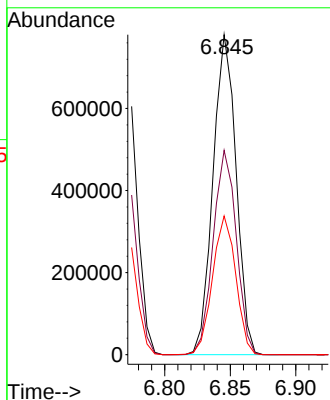
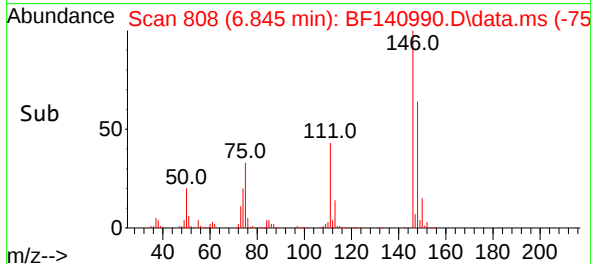
Instrument :
BNA_F
ClientSampleId :
PB165814BS



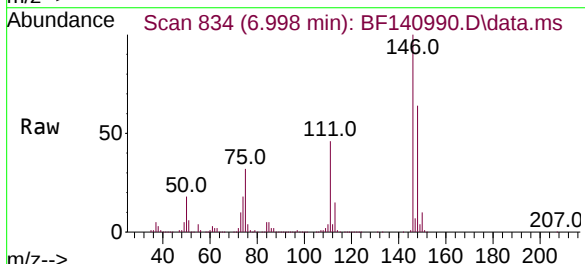
Tgt Ion:146 Resp: 954534
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 43.4 35.3 52.9

Manual Integrations
APPROVED

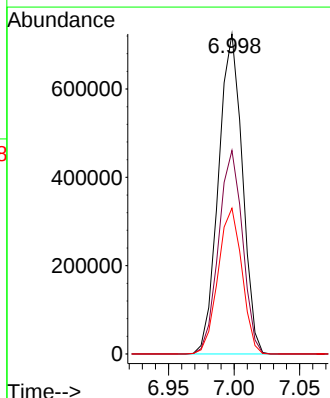
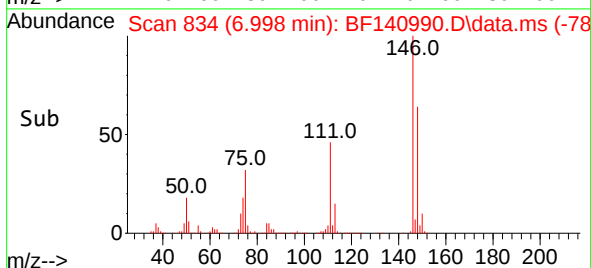
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

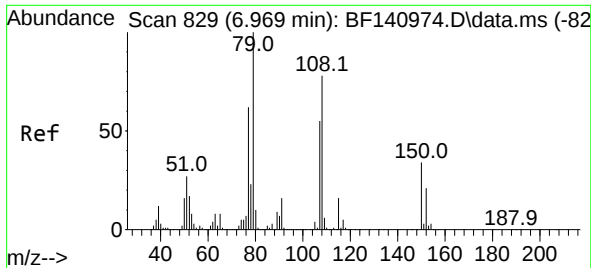


#14
1,2-Dichlorobenzene
Concen: 50.235 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:146 Resp: 917350
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
111 45.5 37.3 55.9





#15
Benzyl Alcohol
Concen: 52.689 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

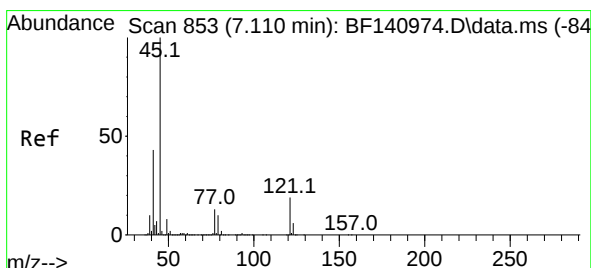
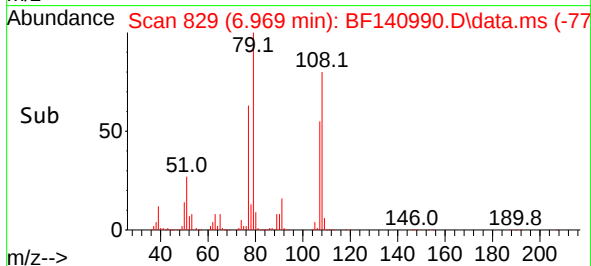
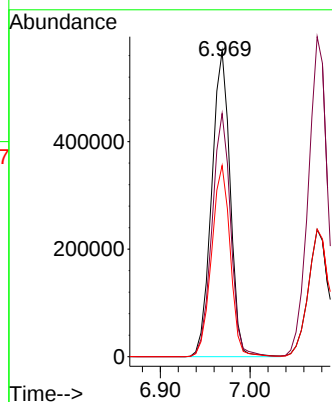
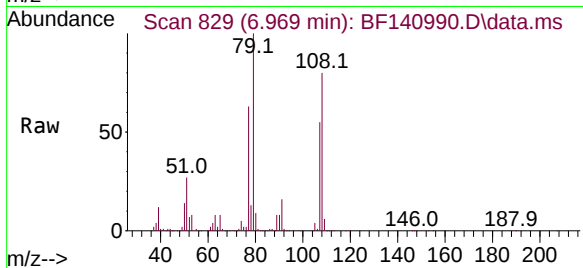
ClientSampleId :

PB165814BS

Tgt Ion: 79 Resp: 81445
Ion Ratio Lower Upper
79 100
108 79.6 62.5 93.7
77 62.6 49.3 73.9

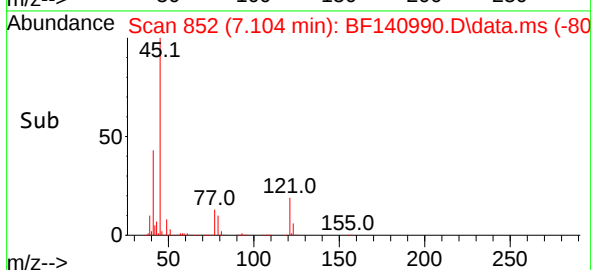
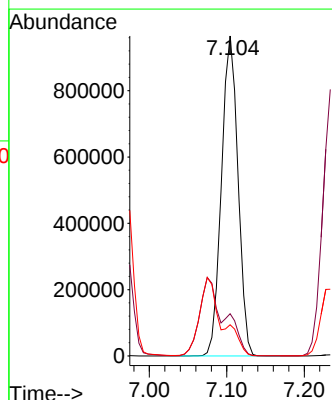
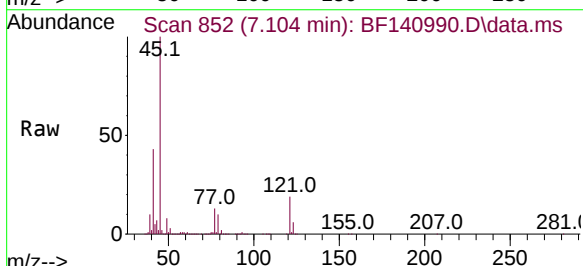
Manual Integrations
APPROVED

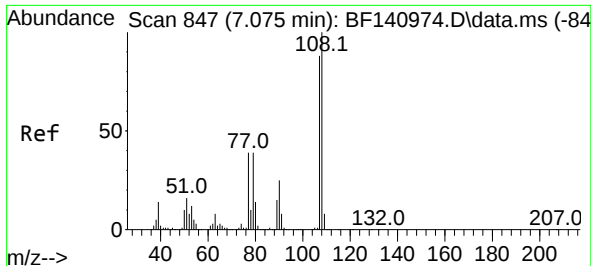
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.757 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion: 45 Resp: 1432863
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 9.8 0.0 30.1





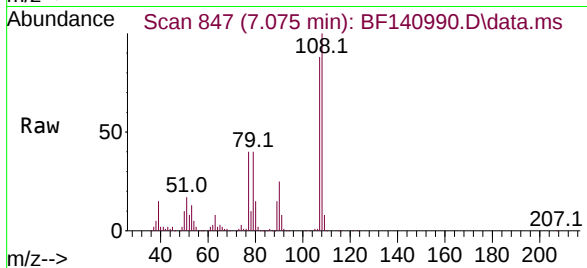
#17
2-Methylphenol
Concen: 52.320 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



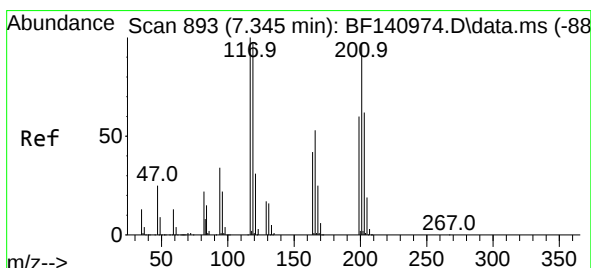
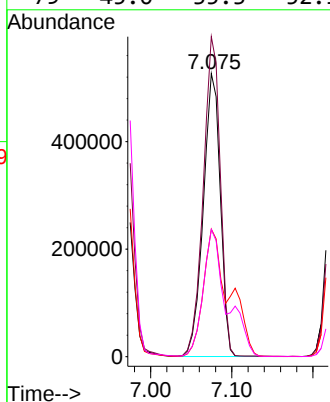
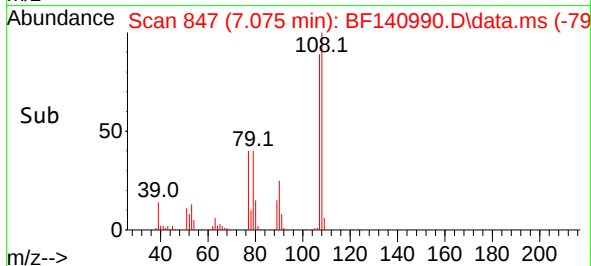
Tgt Ion:107 Resp: 765214
Ion Ratio Lower Upper
107 100
108 113.1 90.6 136.0
77 45.0 35.3 52.9
79 45.0 35.3 52.9

Manual Integrations

APPROVED

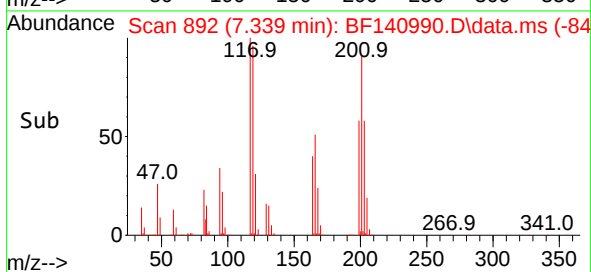
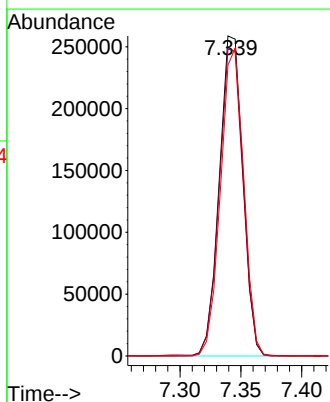
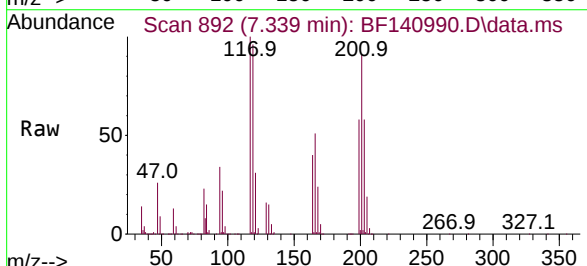
Reviewed By :Yogesh Patel 12/30/2024

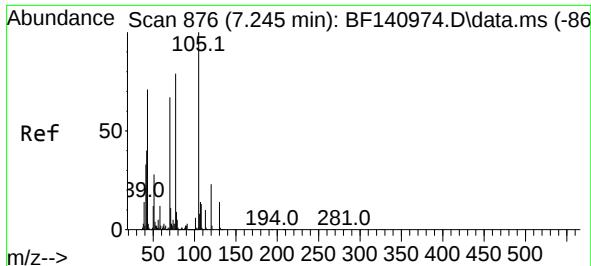
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 50.044 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:117 Resp: 348187
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 90.9 77.4 116.2





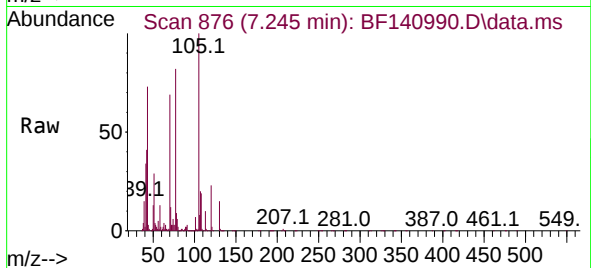
#19
n-Nitroso-di-n-propylamine
Concen: 50.833 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



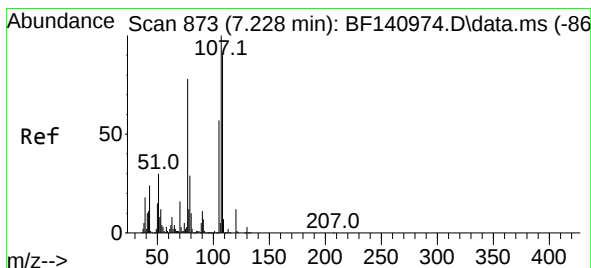
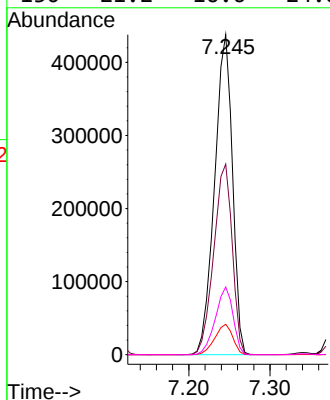
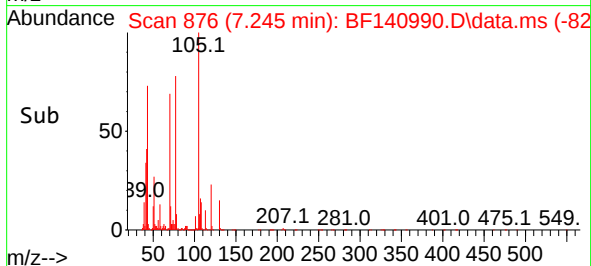
Tgt Ion: 70 Resp: 669878
Ion Ratio Lower Upper
70 100
42 59.6 48.1 72.1
101 9.5 7.6 11.4
130 21.2 16.6 24.8

Manual Integrations

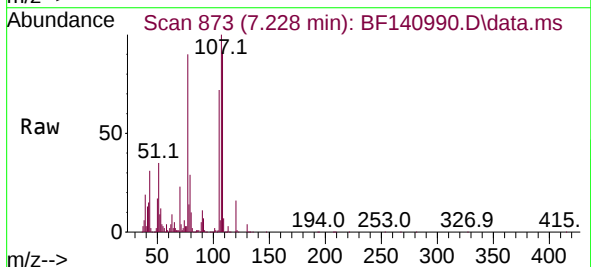
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

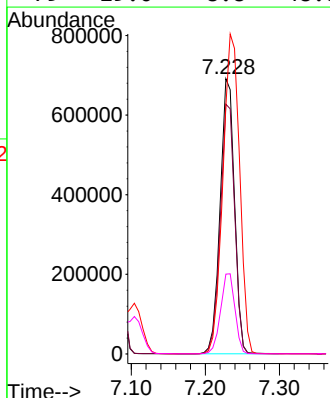
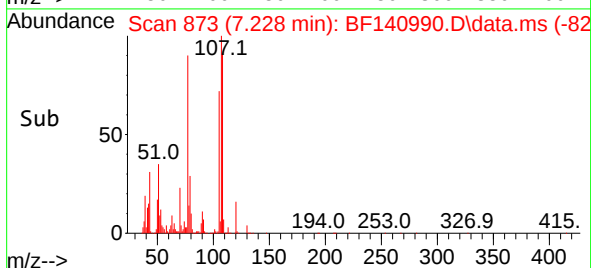
Supervised By :mohammad ahmed 12/30/2024



#20
3+4-Methylphenols
Concen: 50.126 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:107 Resp: 927748
Ion Ratio Lower Upper
107 100
108 90.8 69.6 109.6
77 90.2 57.6 97.6
79 29.0 8.8 48.8





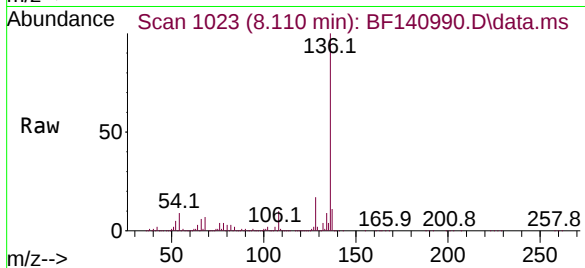
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



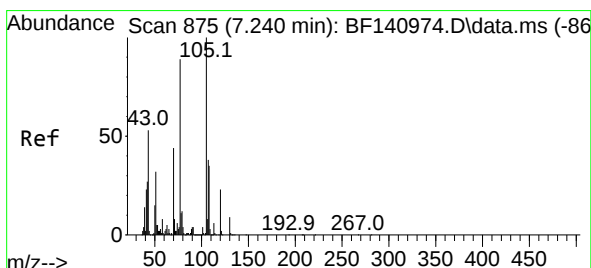
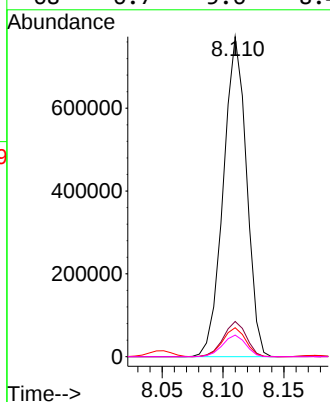
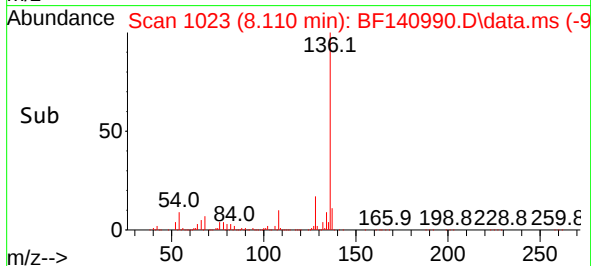
Tgt Ion:136 Resp: 102434
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.1 7.6 11.4
68 6.7 5.6 8.4

Manual Integrations

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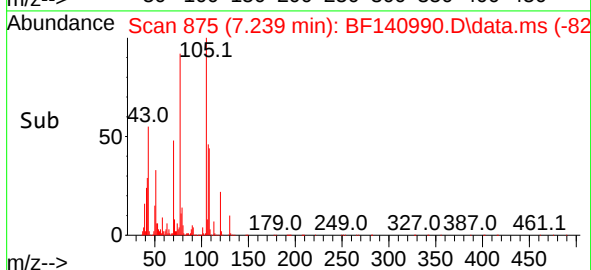
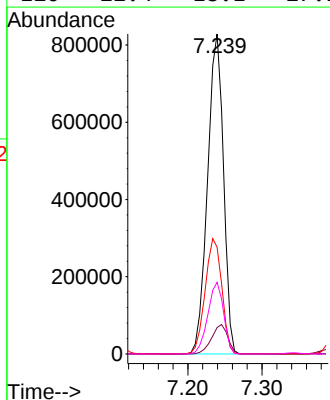
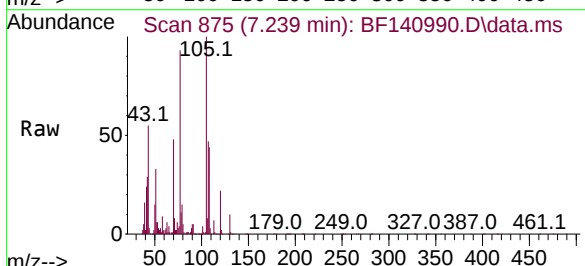
Reviewed By :Yogesh Patel 12/30/2024

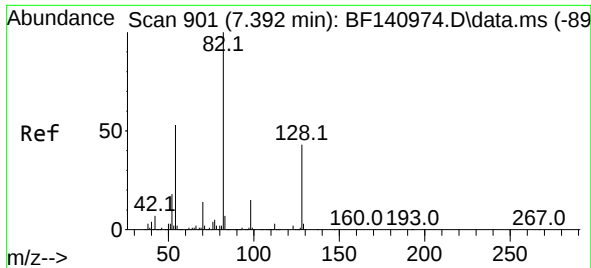
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 49.077 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:105 Resp: 1233234
Ion Ratio Lower Upper
105 100
71 8.2 6.1 9.1
51 33.4 25.8 38.6
120 22.4 18.1 27.1





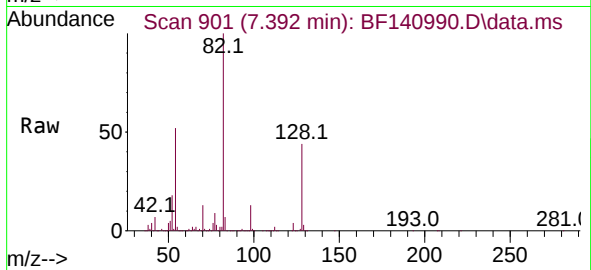
#23
Nitrobenzene-d5
Concen: 117.326 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

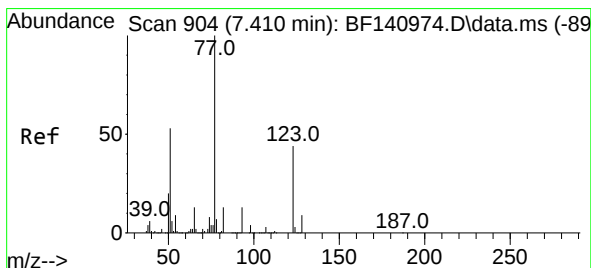
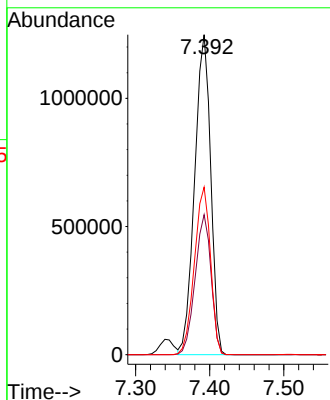
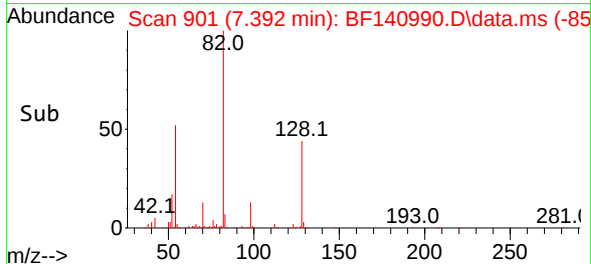
PB165814BS



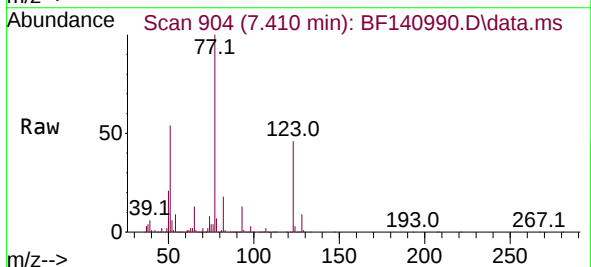
Tgt Ion: 82 Resp: 187850
Ion Ratio Lower Upper
82 100
128 43.8 34.4 51.6
54 52.3 42.4 63.6

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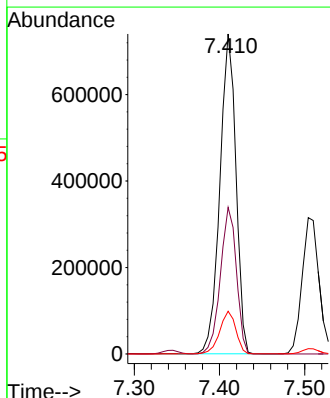
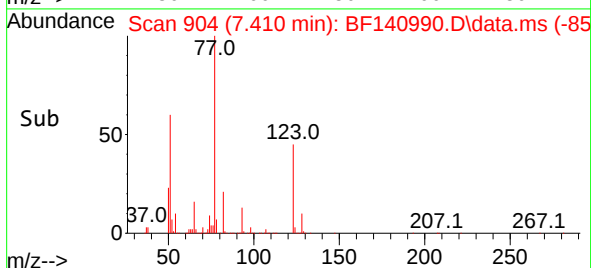
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

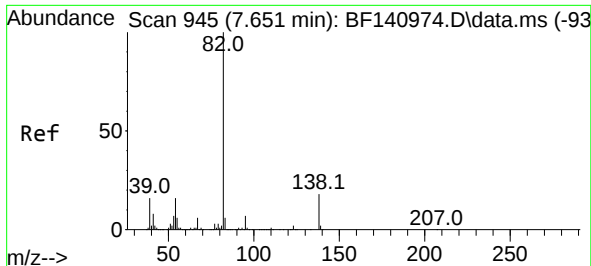


#24
Nitrobenzene
Concen: 54.125 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



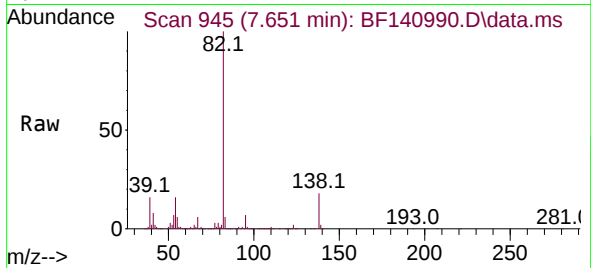
Tgt Ion: 77 Resp: 968330
Ion Ratio Lower Upper
77 100
123 45.8 35.4 53.2
65 13.4 10.7 16.1





#25
Isophorone
Concen: 51.218 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

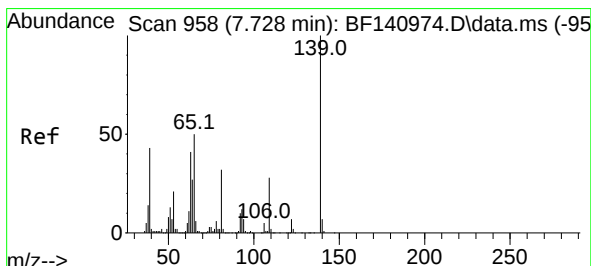
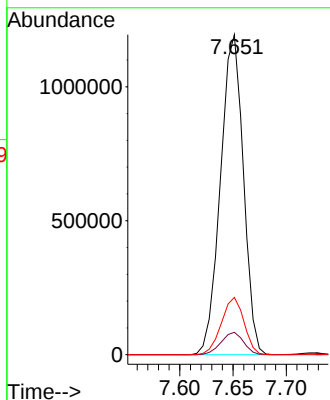
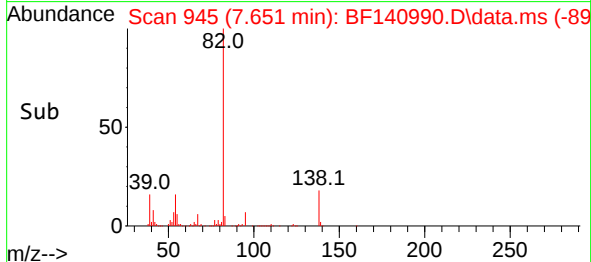
Instrument :
BNA_F
ClientSampleId :
PB165814BS



Tgt Ion: 82 Resp: 178447
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.9 14.6 21.8

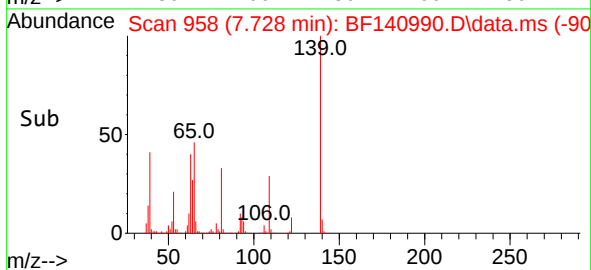
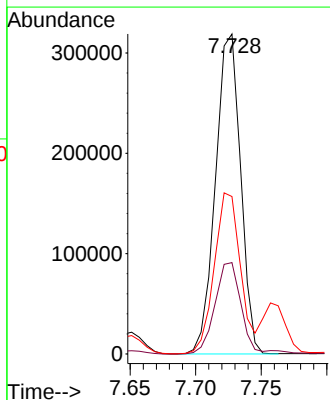
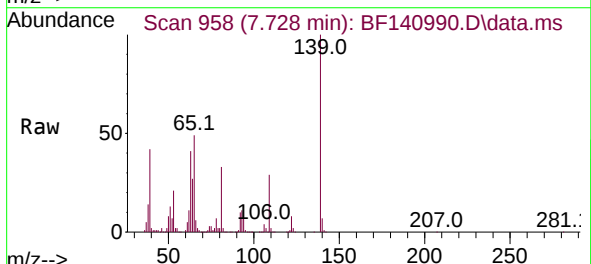
Manual Integrations
APPROVED

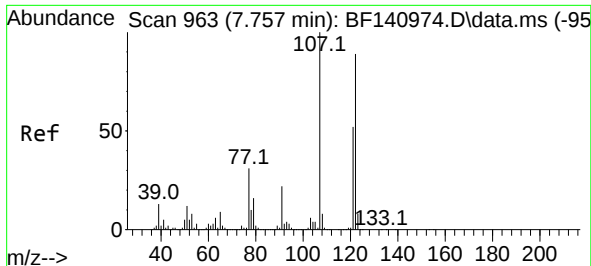
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 56.791 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:139 Resp: 424376
Ion Ratio Lower Upper
139 100
109 28.5 22.2 33.4
65 49.2 40.2 60.4





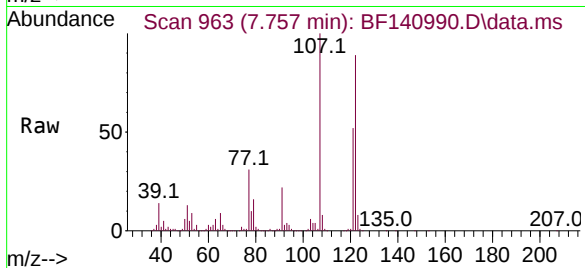
#27
2,4-Dimethylphenol
Concen: 60.473 ng
RT: 7.757 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



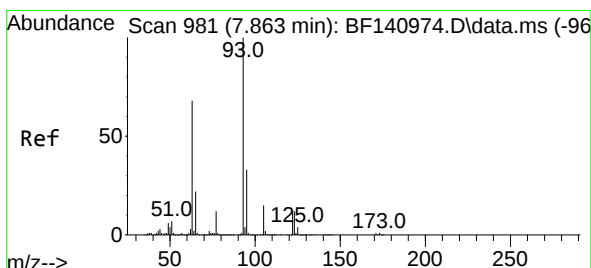
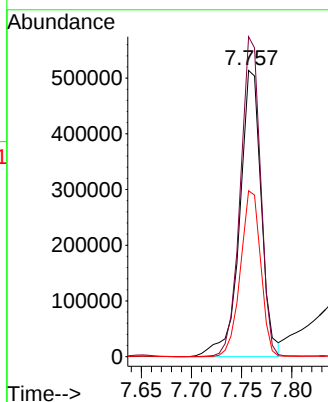
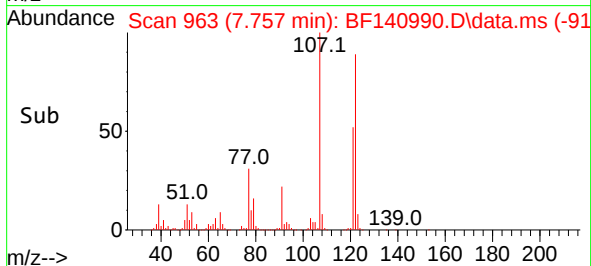
Tgt Ion:122 Resp: 77001
Ion Ratio Lower Upper
122 100
107 111.8 89.4 134.2
121 57.9 46.7 70.1

Manual Integrations

APPROVED

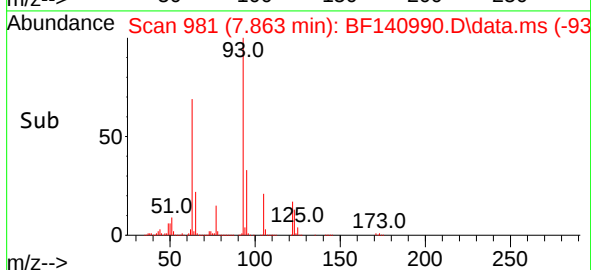
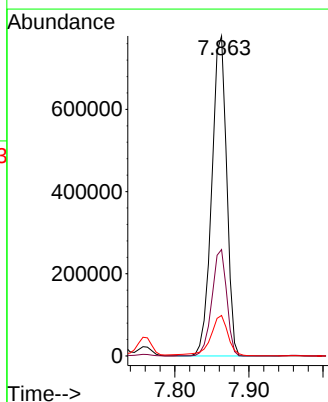
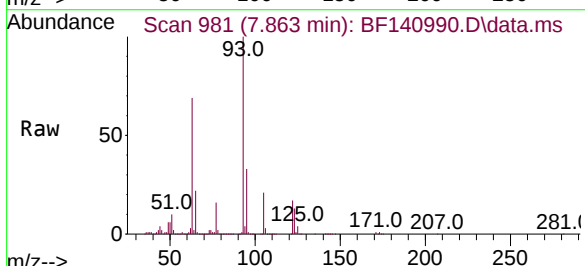
Reviewed By :Yogesh Patel 12/30/2024

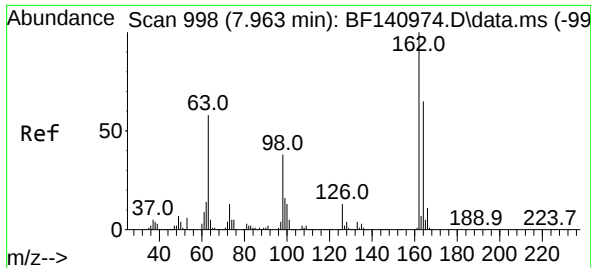
Supervised By :mohammad ahmed 12/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.054 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion: 93 Resp: 1082836
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.4
123 12.7 9.9 14.9





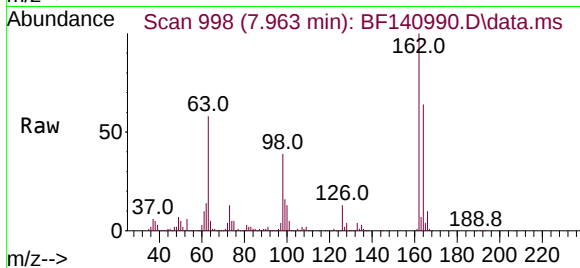
#29
2,4-Dichlorophenol
Concen: 51.859 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



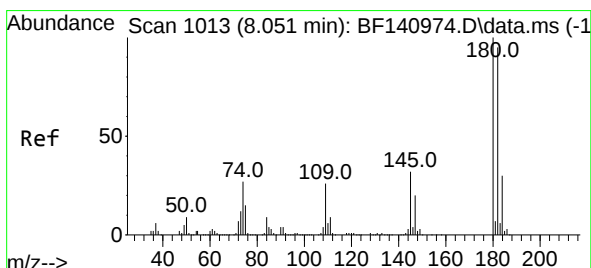
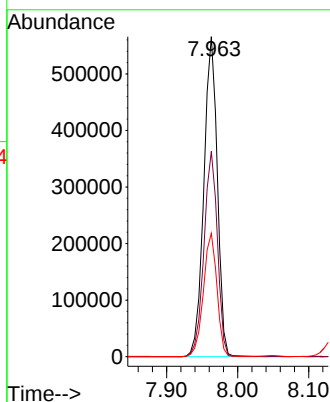
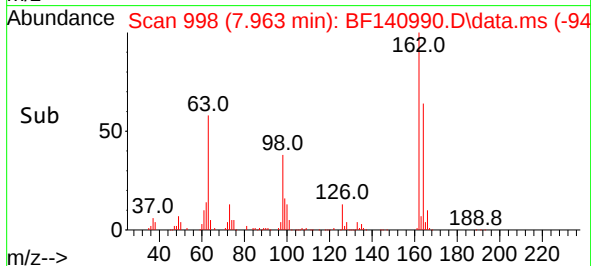
Tgt Ion:162 Resp: 748910
Ion Ratio Lower Upper
162 100
164 64.2 44.8 84.8
98 38.6 18.6 58.6

Manual Integrations

APPROVED

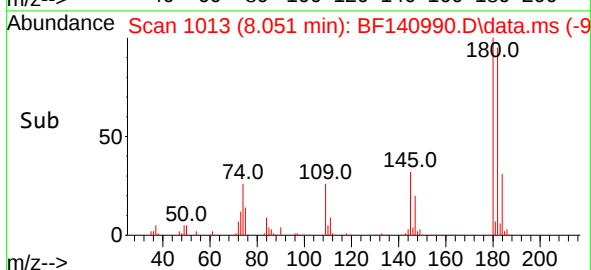
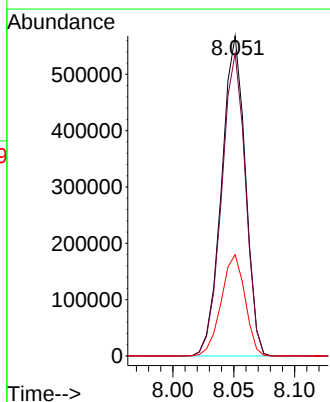
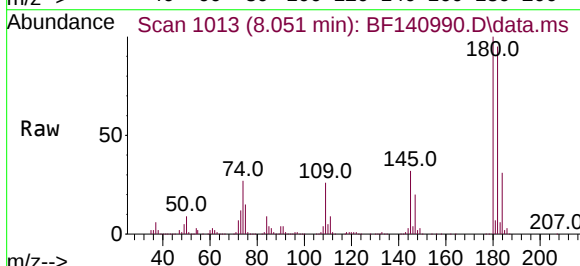
Reviewed By :Yogesh Patel 12/30/2024

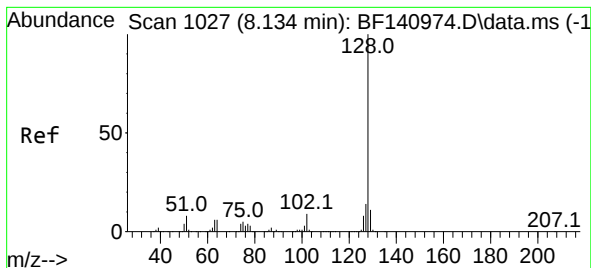
Supervised By :mohammad ahmed 12/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.154 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:180 Resp: 770747
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.4
145 31.7 25.4 38.2





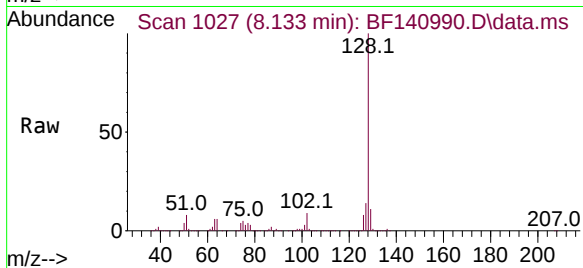
#31
Naphthalene
Concen: 48.485 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



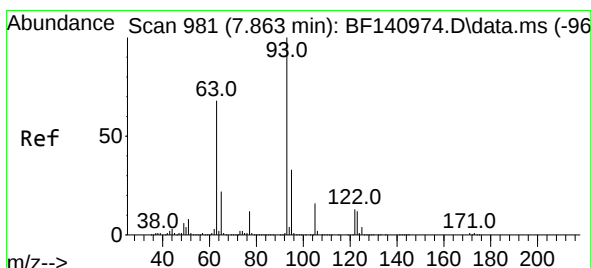
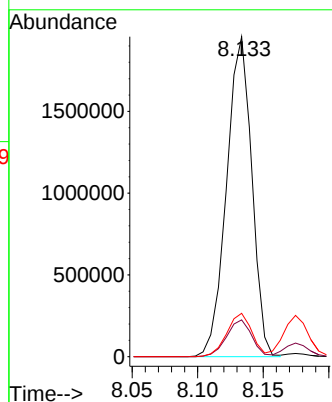
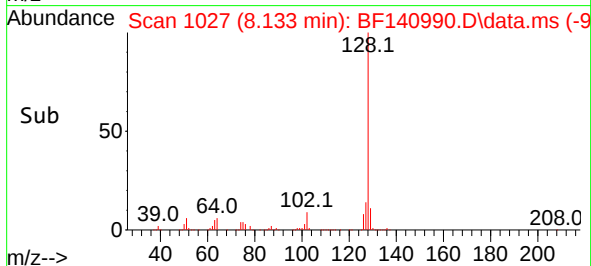
Tgt Ion:128 Resp: 261706
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

APPROVED

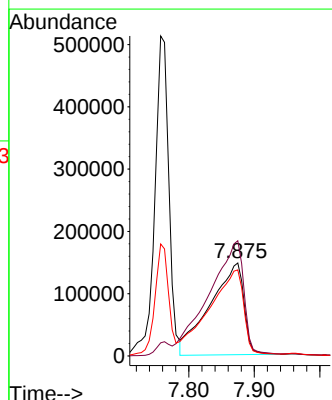
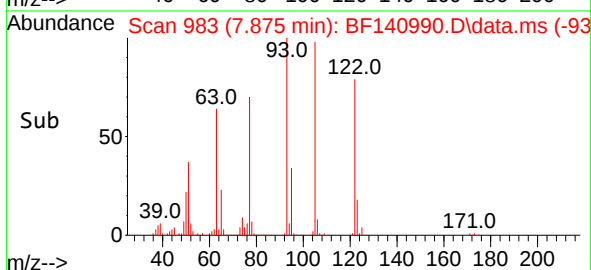
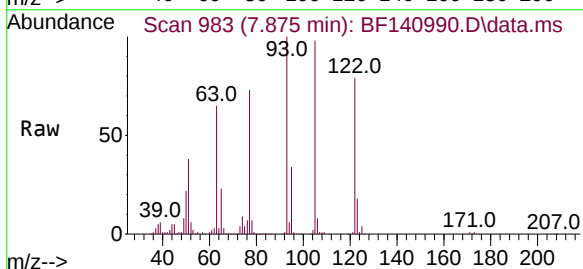
Reviewed By :Yogesh Patel 12/30/2024

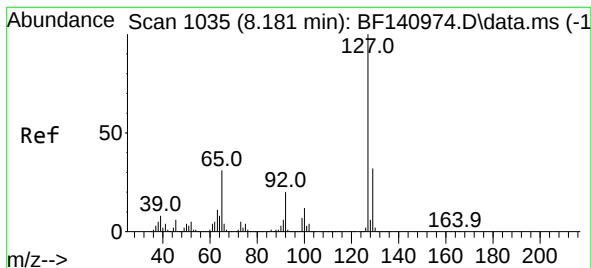
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 50.041 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:122 Resp: 528449
Ion Ratio Lower Upper
122 100
105 123.8 105.4 145.4
77 92.6 76.4 116.4





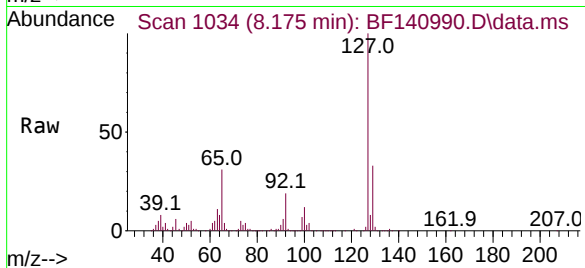
#33
4-Chloroaniline
Concen: 17.362 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



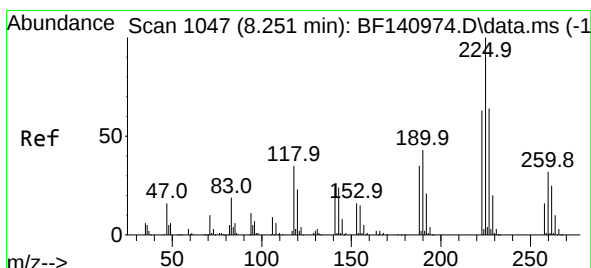
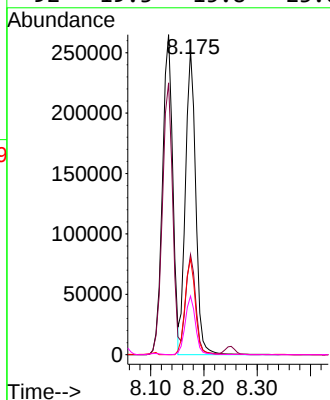
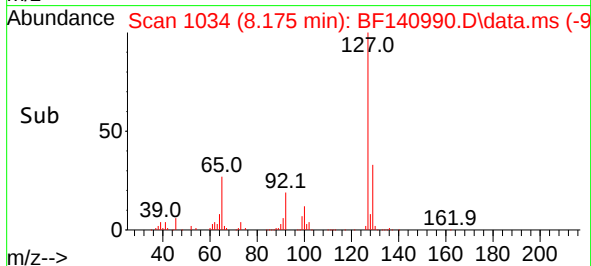
Tgt Ion:127 Resp: 33903
Ion Ratio Lower Upper
127 100
129 32.9 26.1 39.1
65 31.5 24.6 37.0
92 19.3 15.8 23.6

Manual Integrations

APPROVED

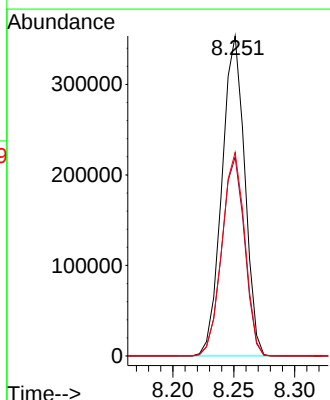
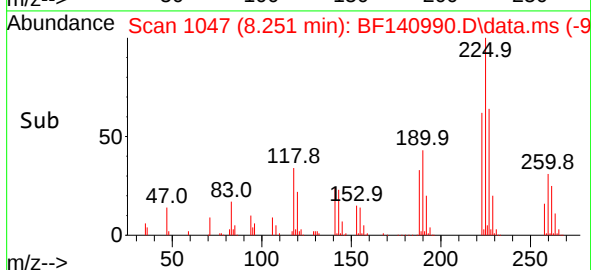
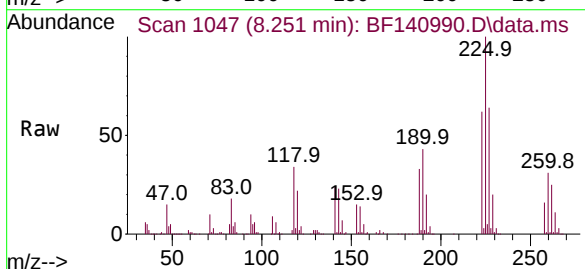
Reviewed By :Yogesh Patel 12/30/2024

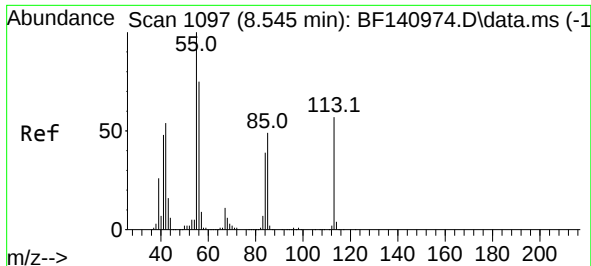
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 47.849 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

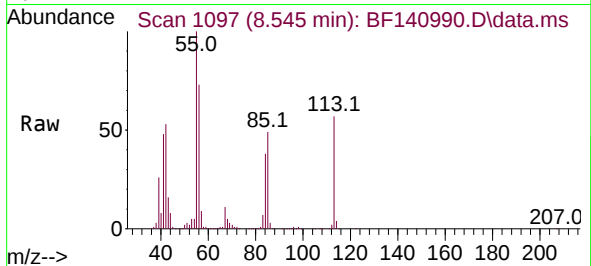
Tgt Ion:225 Resp: 461076
Ion Ratio Lower Upper
225 100
223 62.2 50.3 75.5
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 52.120 ng m
RT: 8.545 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

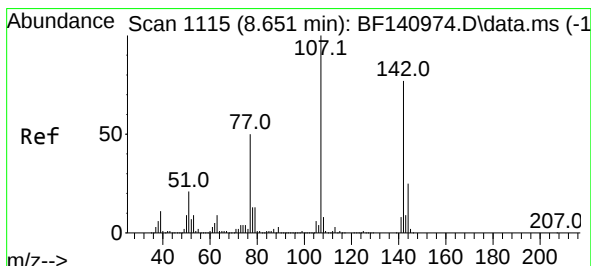
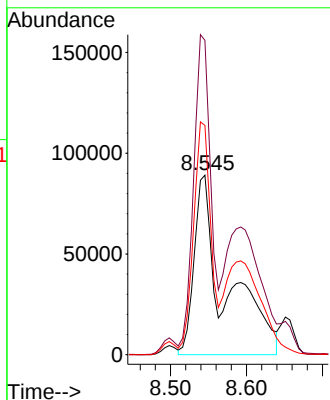
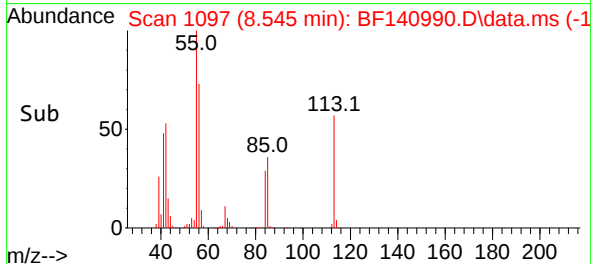
Instrument :
BNA_F
ClientSampleId :
PB165814BS



Tgt Ion:113 Resp: 255879
Ion Ratio Lower Upper
113 100
55 175.2 156.6 196.6
56 127.7 111.7 151.7

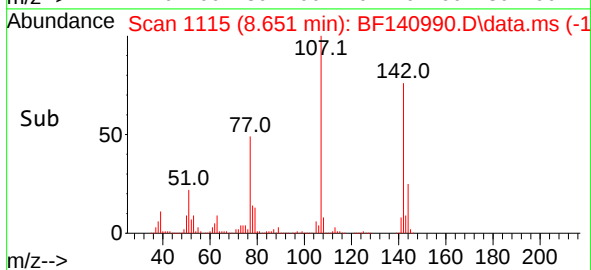
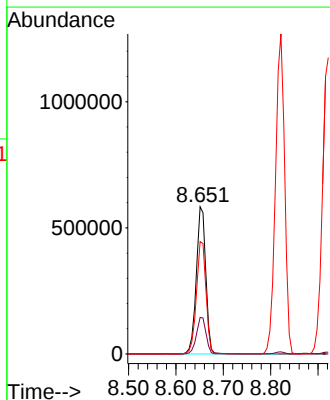
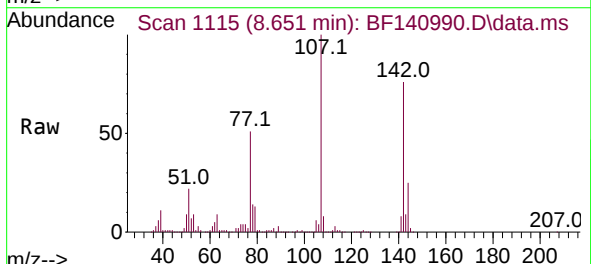
Manual Integrations
APPROVED

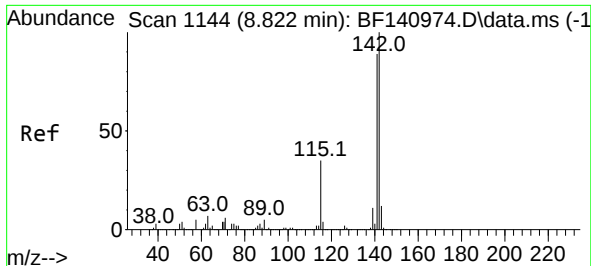
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 50.768 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:107 Resp: 814204
Ion Ratio Lower Upper
107 100
144 24.8 19.9 29.9
142 76.3 61.8 92.8





#37
2-Methylnaphthalene
Concen: 49.275 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

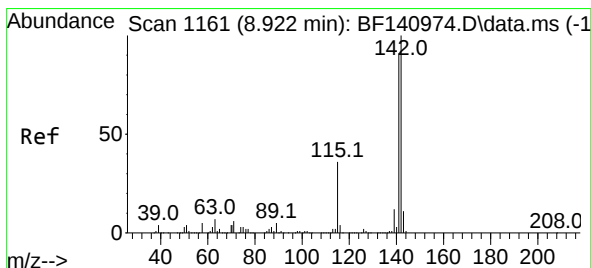
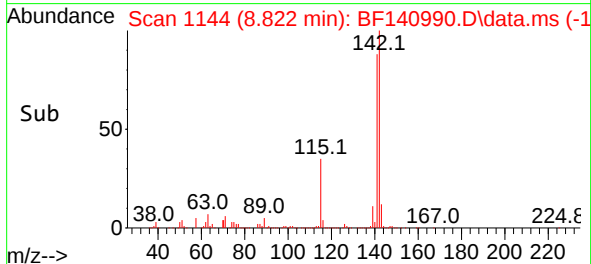
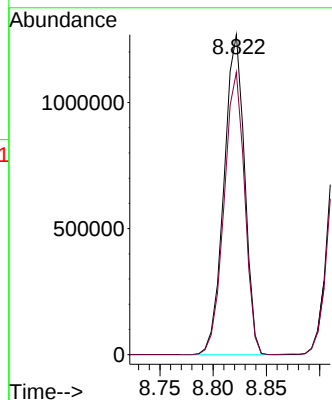
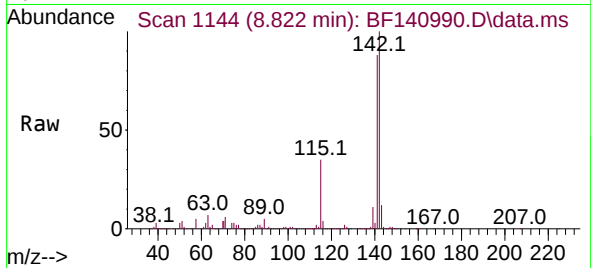
ClientSampleId :

PB165814BS

Tgt Ion:142 Resp: 1701500
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7

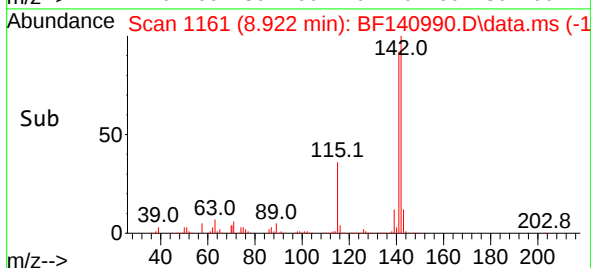
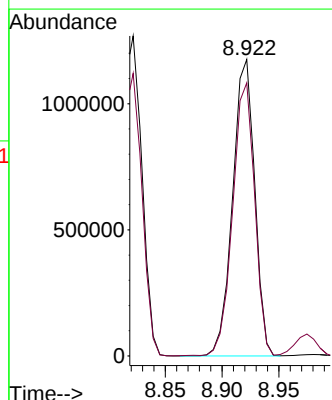
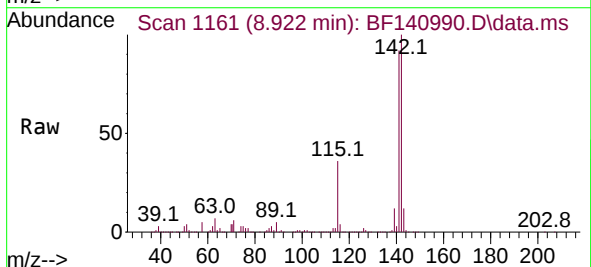
Manual Integrations
APPROVED

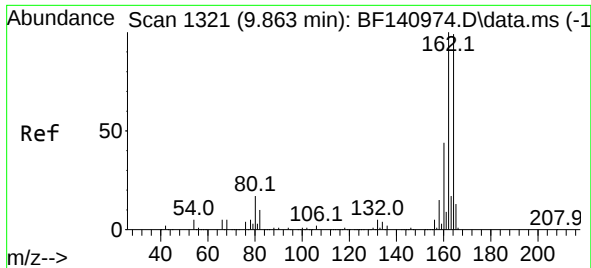
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 46.717 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

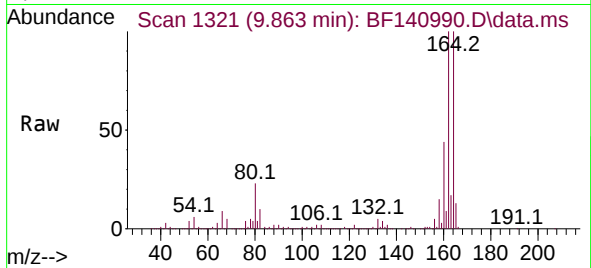
Tgt Ion:142 Resp: 1585416
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

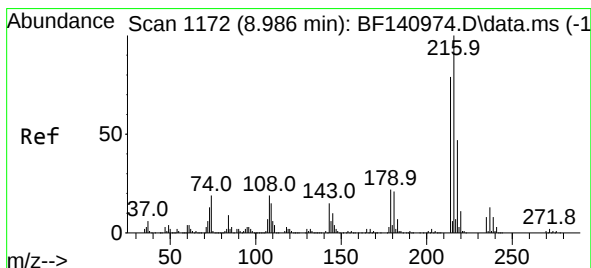
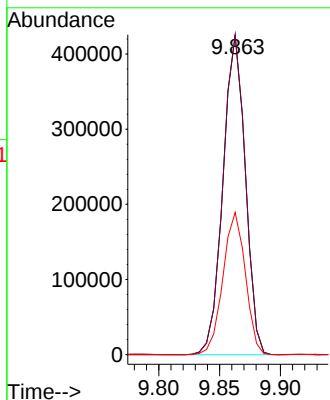
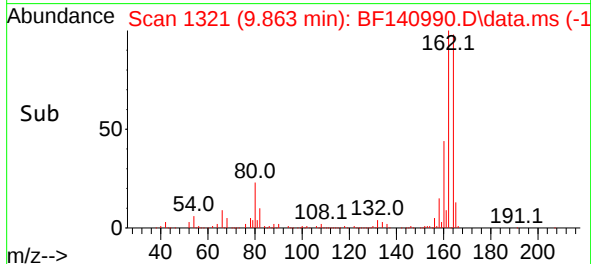
Instrument :
BNA_F
ClientSampleId :
PB165814BS



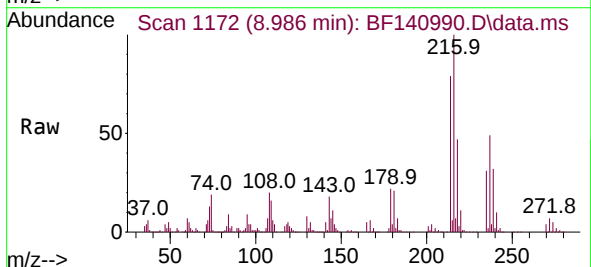
Tgt Ion:164 Resp: 54114
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 44.6 35.7 53.5

Manual Integrations
APPROVED

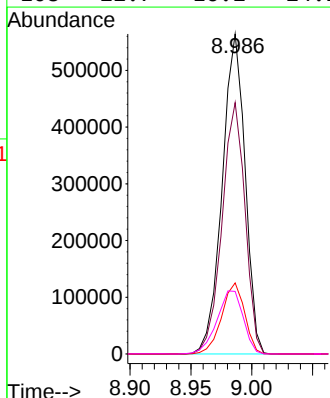
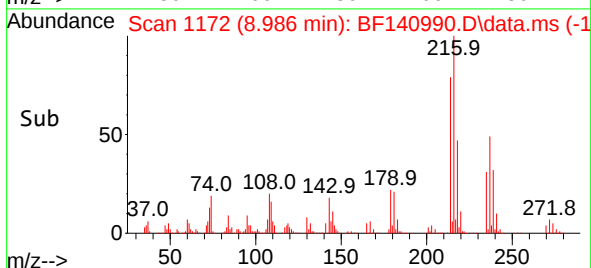
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.533 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:216 Resp: 737419
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.6
179 22.3 17.9 26.9
108 22.7 16.2 24.2





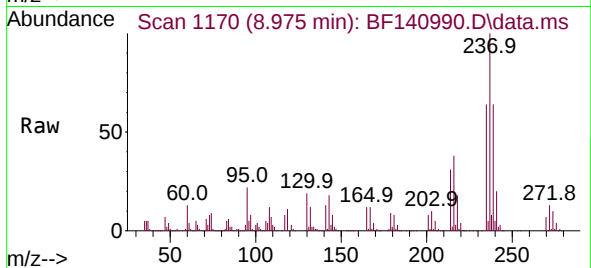
#41
Hexachlorocyclopentadiene
Concen: 181.823 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS

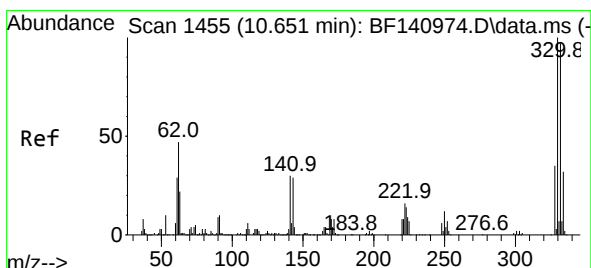
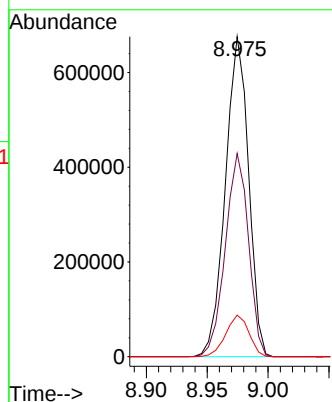
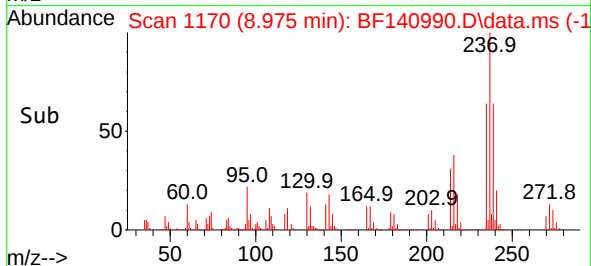


Tgt Ion:237 Resp: 89703
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 13.0 0.0 32.6

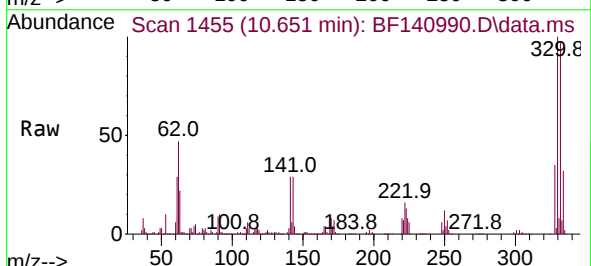
Manual Integrations

APPROVED

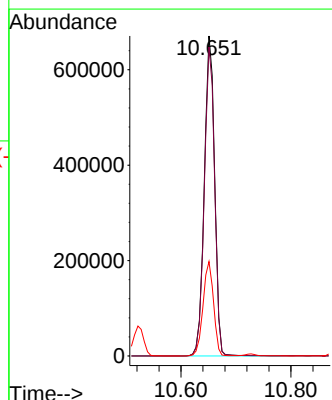
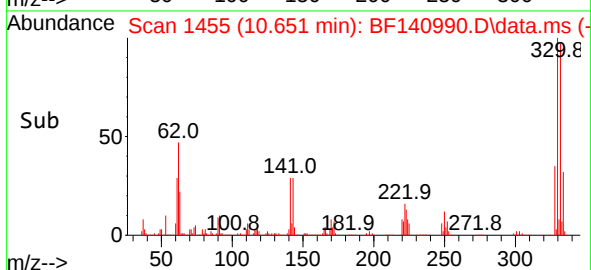
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

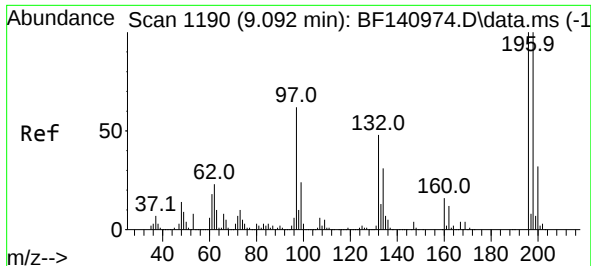


#42
2,4,6-Tribromophenol
Concen: 166.478 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:330 Resp: 875393
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 30.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 55.070 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF140990.D

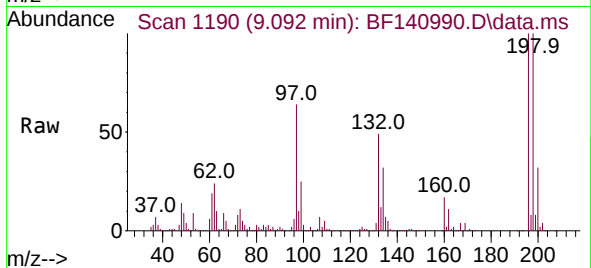
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



Tgt Ion:196 Resp: 545658

Ion Ratio Lower Upper

196 100

198 99.7 80.2 120.4

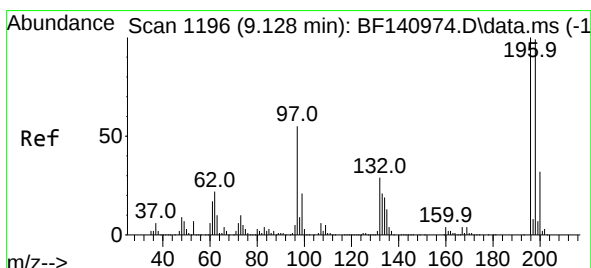
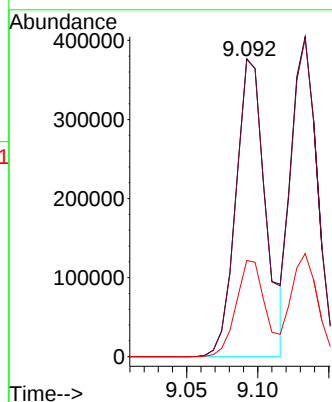
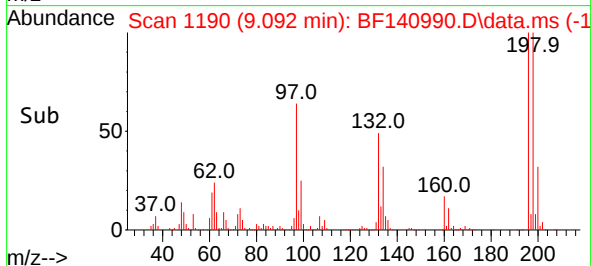
200 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#44

2,4,5-Trichlorophenol

Concen: 50.841 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

Tgt Ion:196 Resp: 515432

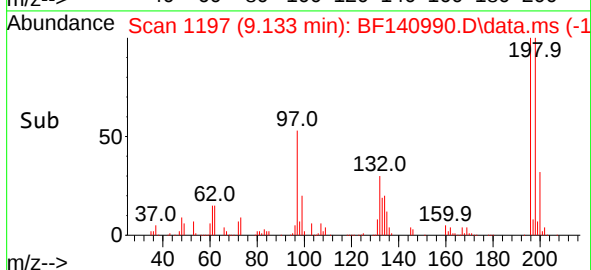
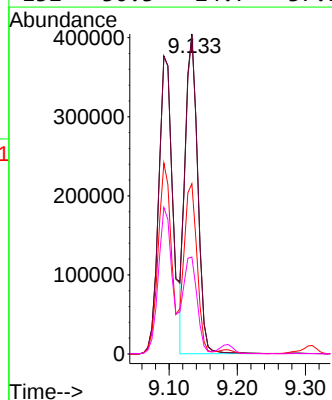
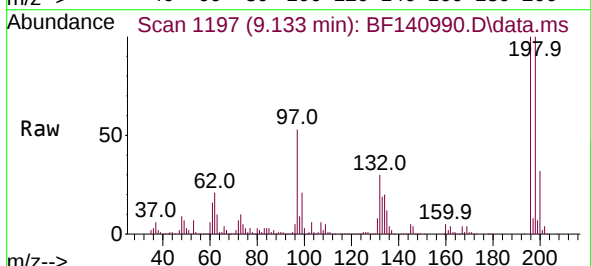
Ion Ratio Lower Upper

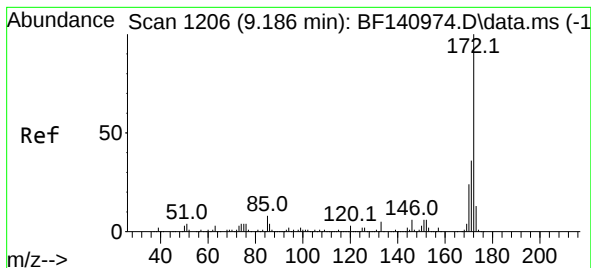
196 100

198 99.5 79.9 119.9

97 53.2 44.3 66.5

132 30.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 96.425 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS

Tgt Ion:172 Resp: 327505

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

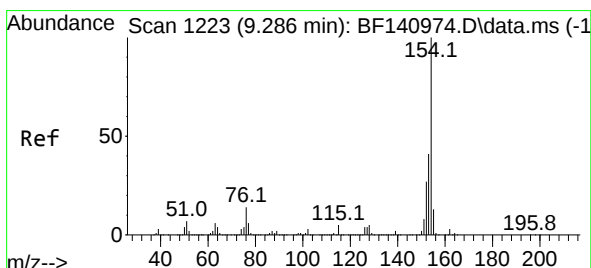
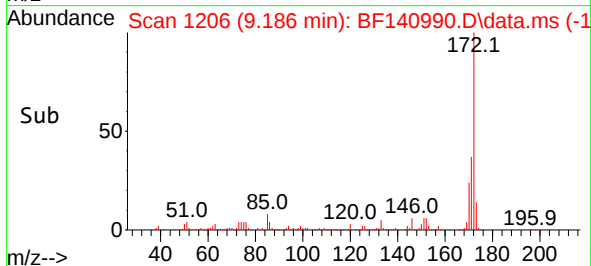
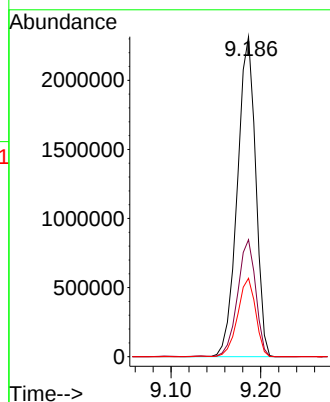
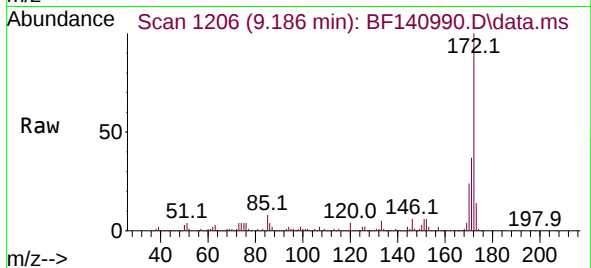
170 24.5 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#46

1,1'-Biphenyl

Concen: 49.613 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

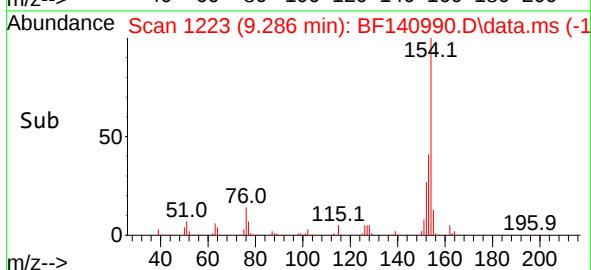
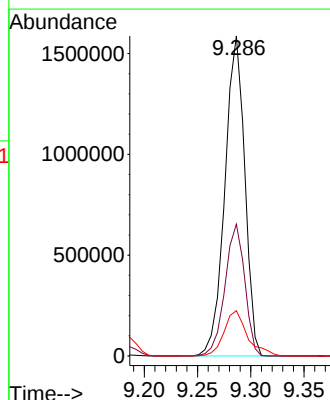
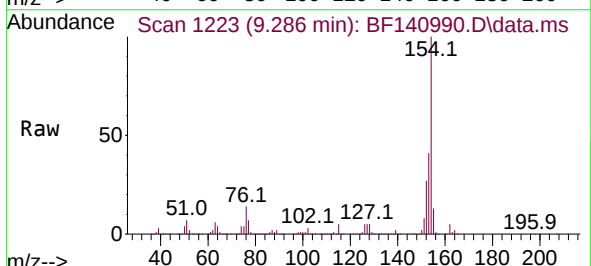
Tgt Ion:154 Resp: 2055713

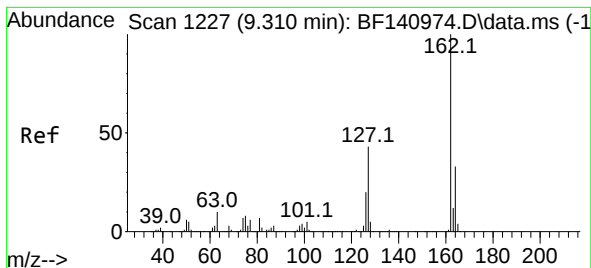
Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 47.842 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS

Tgt Ion:162 Resp: 1537450

Ion Ratio Lower Upper

162 100

127 43.3 34.2 51.4

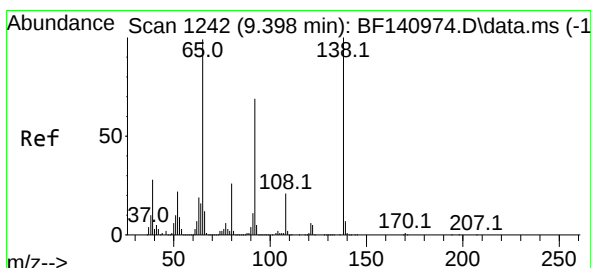
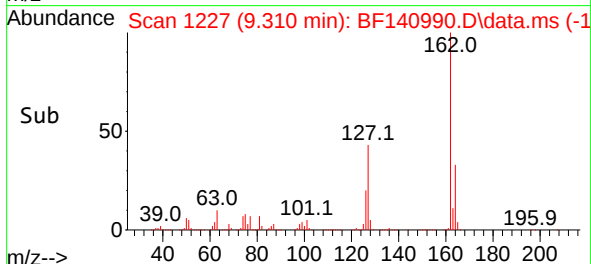
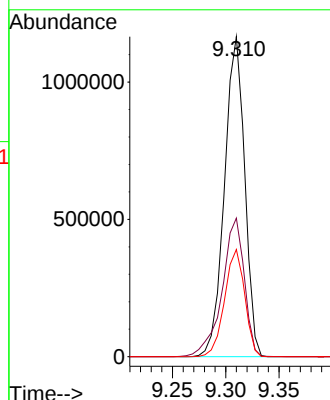
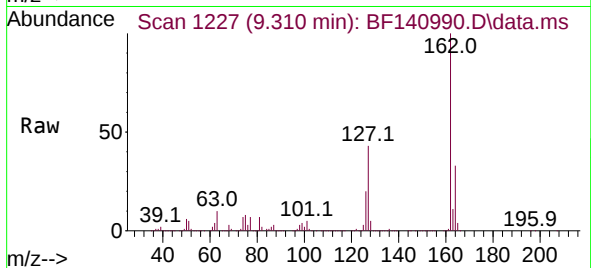
164 33.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 57.075 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

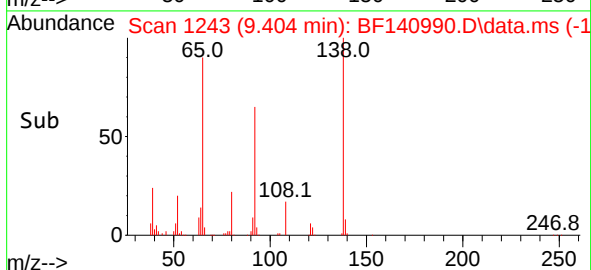
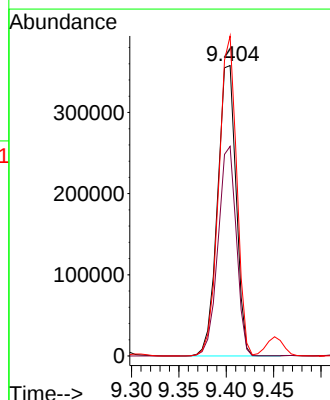
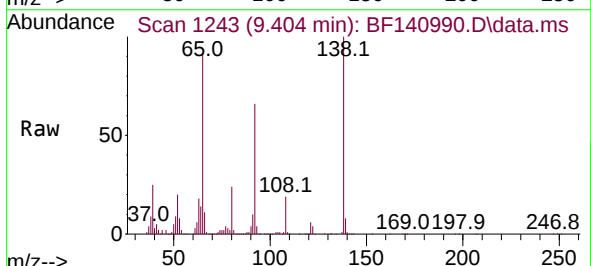
Tgt Ion: 65 Resp: 487997

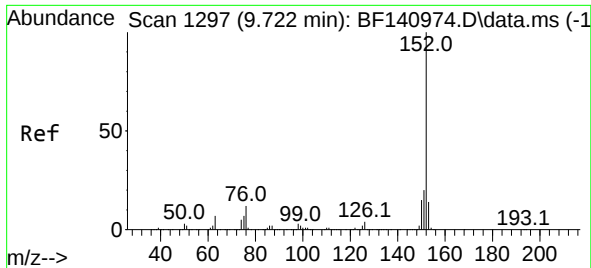
Ion Ratio Lower Upper

65 100

92 72.2 55.6 83.4

138 110.2 80.5 120.7





#49
Acenaphthylene
Concen: 52.539 ng
RT: 9.727 min Scan# 1297
Delta R.T. 0.005 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

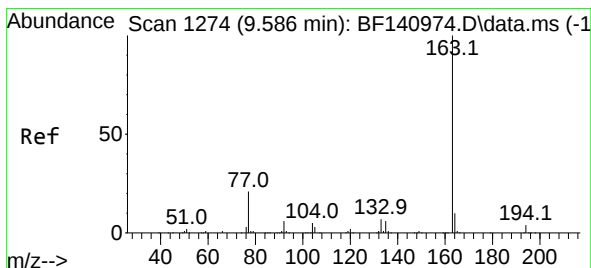
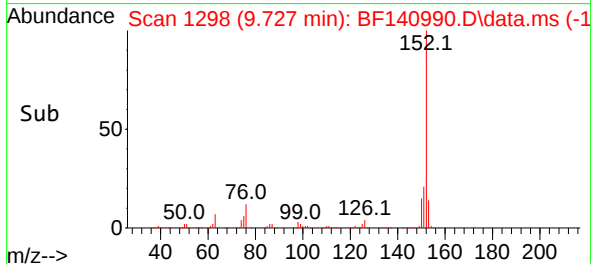
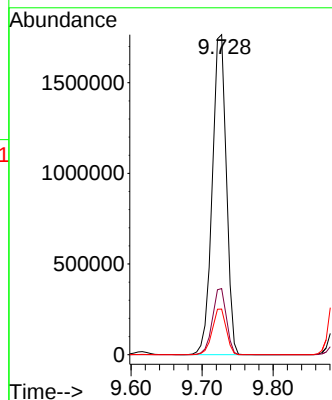
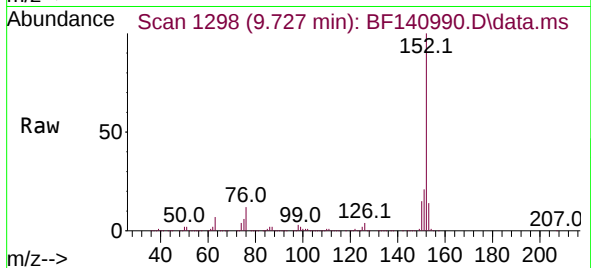
PB165814BS

Tgt Ion:152 Resp: 243050
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.3 11.4 17.0

Manual Integrations

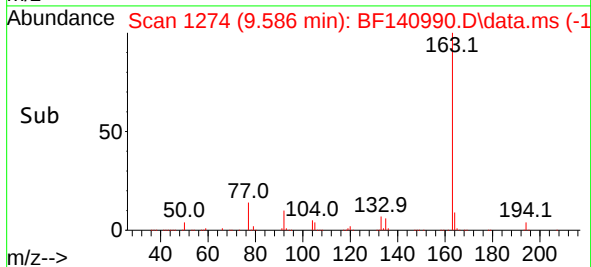
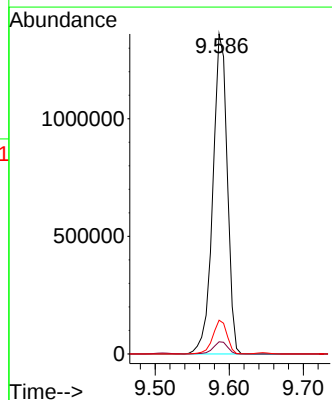
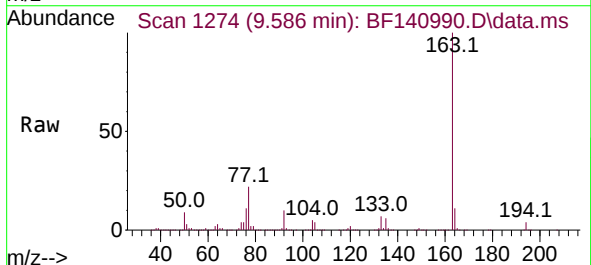
APPROVED

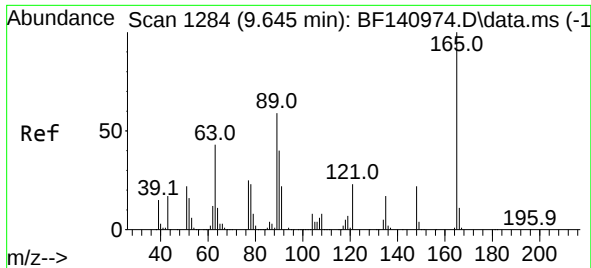
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#50
Dimethylphthalate
Concen: 51.524 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:163 Resp: 1833974
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.3 12.5





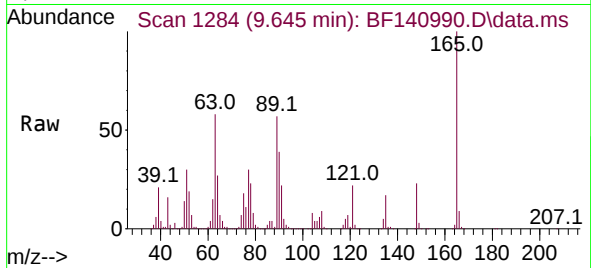
#51
2,6-Dinitrotoluene
Concen: 54.757 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



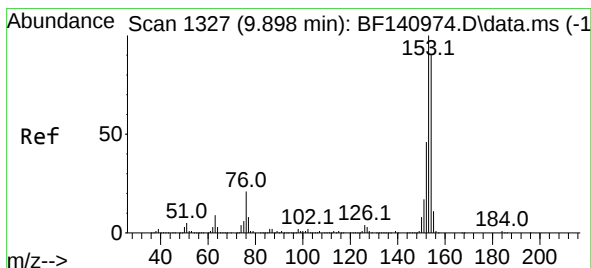
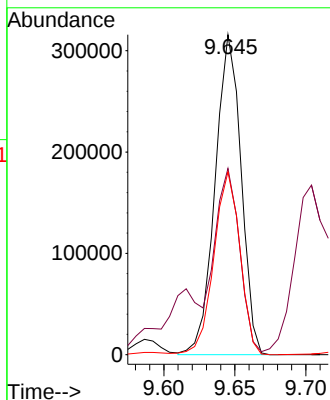
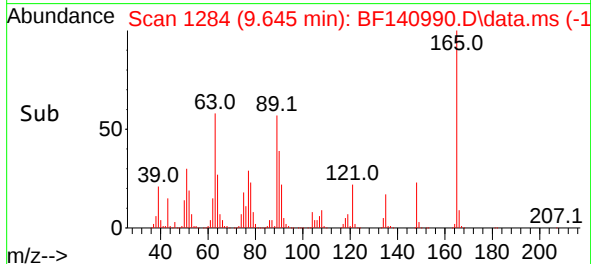
Tgt Ion:165 Resp: 40152
Ion Ratio Lower Upper
165 100
63 58.2 47.1 70.7
89 57.1 47.0 70.4

Manual Integrations

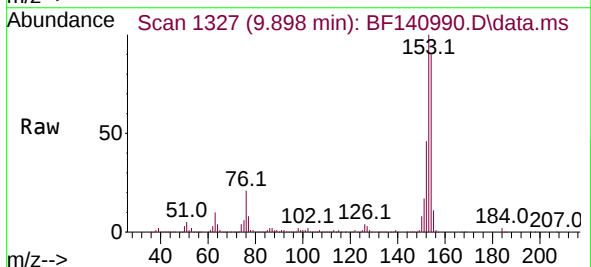
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

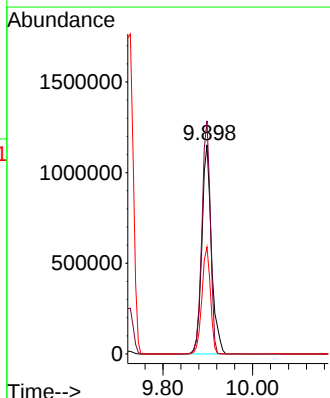
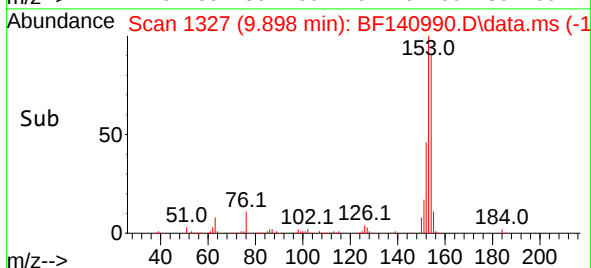
Supervised By :mohammad ahmed 12/30/2024

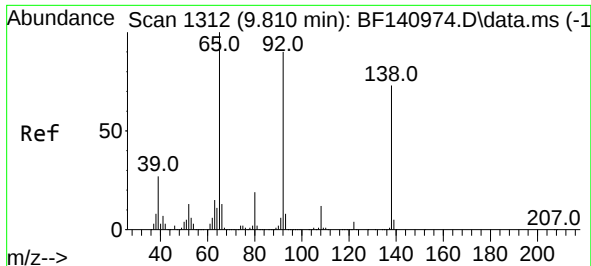


#52
Acenaphthene
Concen: 54.759 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:154 Resp: 1712545
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 51.2 40.9 61.3





#53
3-Nitroaniline
Concen: 33.624 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

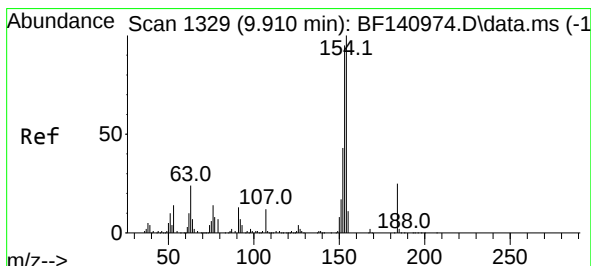
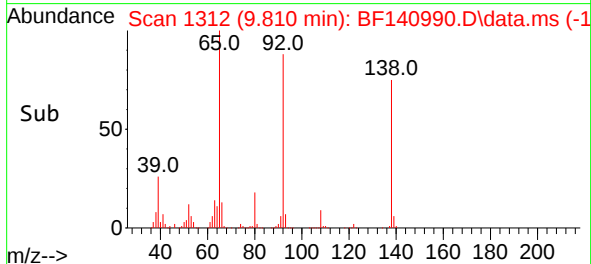
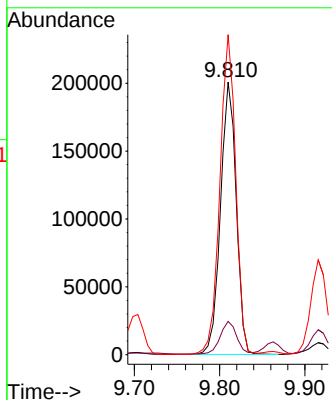
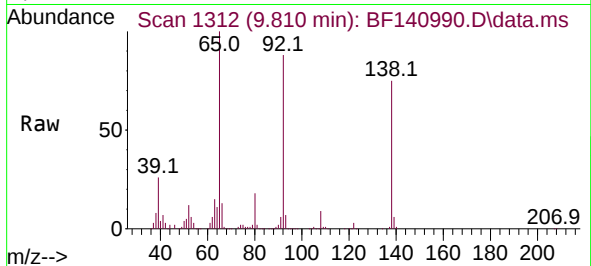
ClientSampleId :

PB165814BS

Tgt Ion:138 Resp: 25715
Ion Ratio Lower Upper
138 100
108 12.2 13.5 20.3
92 117.4 97.7 146.5

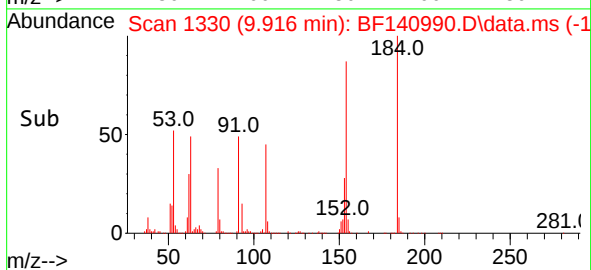
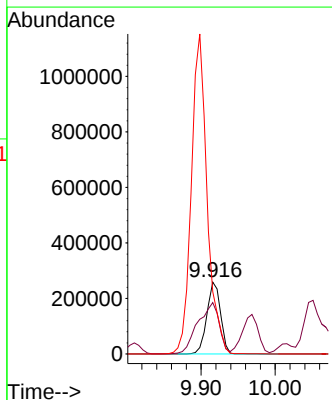
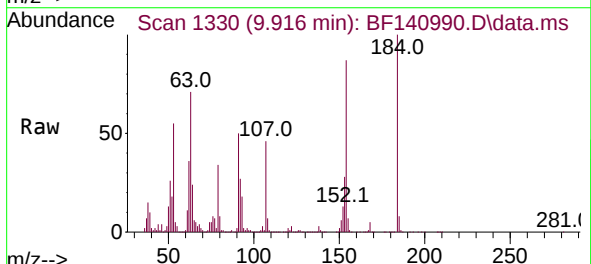
Manual Integrations
APPROVED

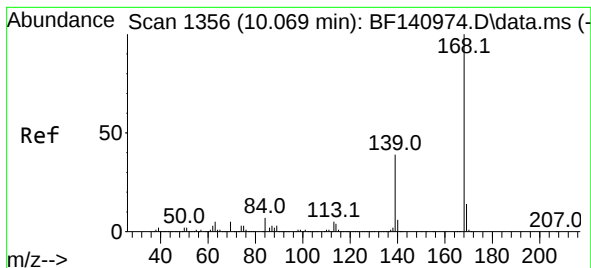
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 101.758 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:184 Resp: 331319
Ion Ratio Lower Upper
184 100
63 71.5 81.6 122.4#
154 86.6 363.5 545.3#





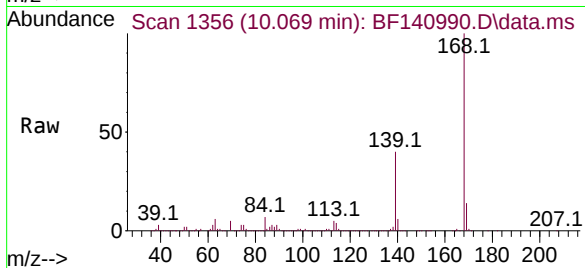
#55
Dibenzofuran
Concen: 50.075 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

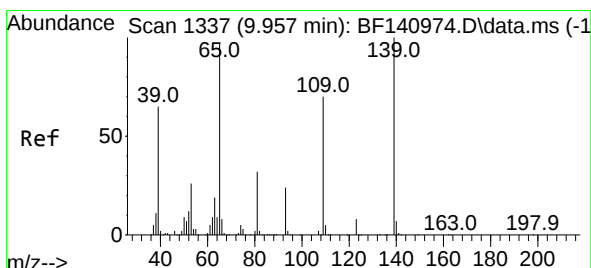
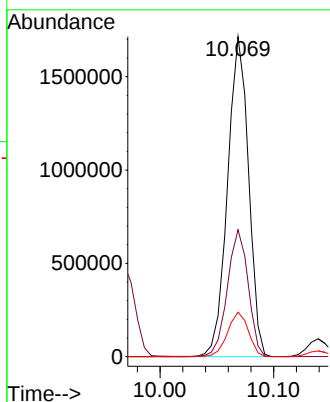
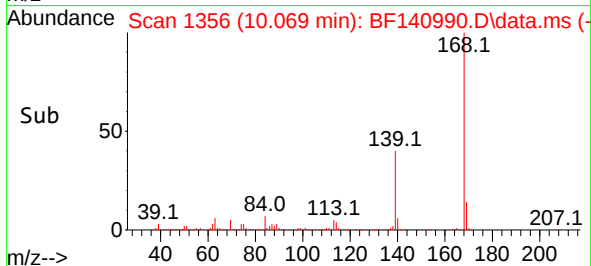
PB165814BS



Tgt Ion:168 Resp: 220088
Ion Ratio Lower Upper
168 100
139 39.7 31.6 47.4
169 13.9 11.0 16.6

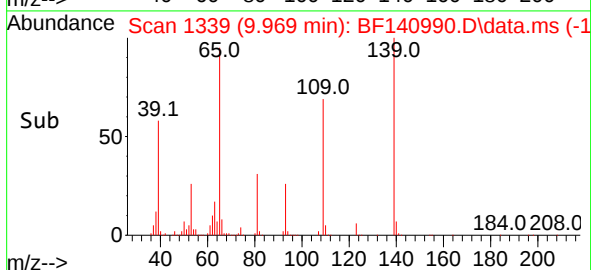
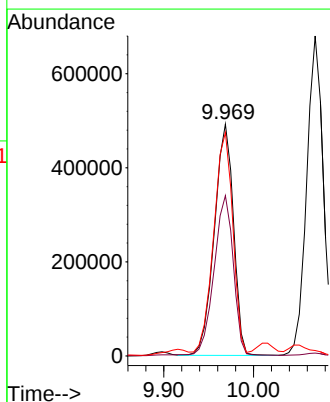
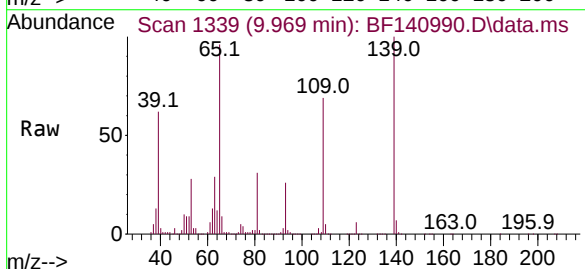
Manual Integrations
APPROVED

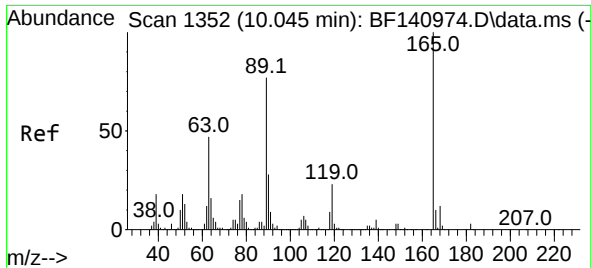
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 119.648 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:139 Resp: 728498
Ion Ratio Lower Upper
139 100
109 69.1 50.8 90.8
65 96.4 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 58.802 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

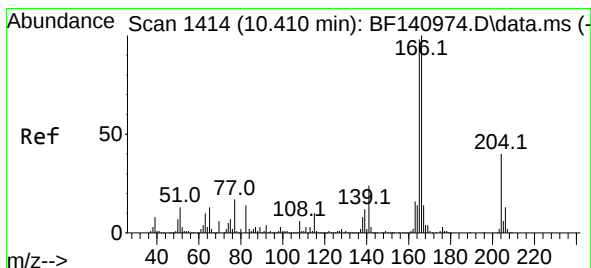
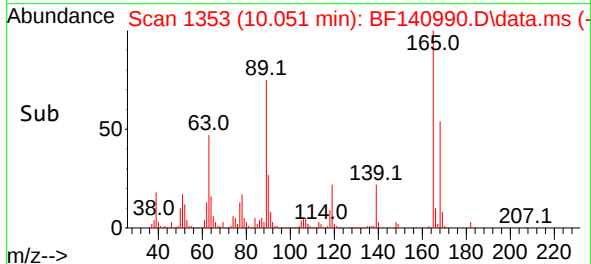
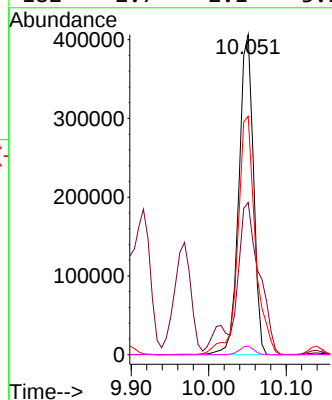
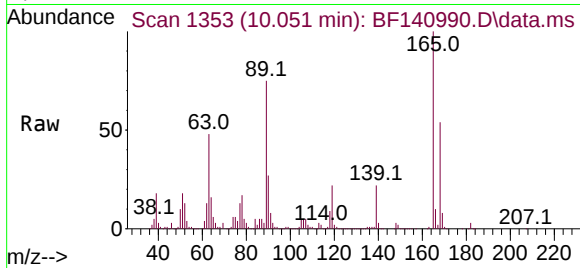
ClientSampleId :

PB165814BS

Tgt Ion:165 Resp: 53224
Ion Ratio Lower Upper
165 100
63 47.6 38.1 57.1
89 74.5 61.4 92.2
182 2.7 2.1 3.1

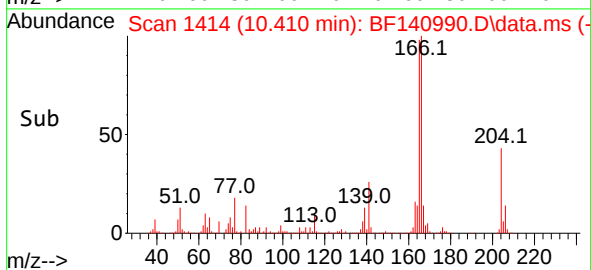
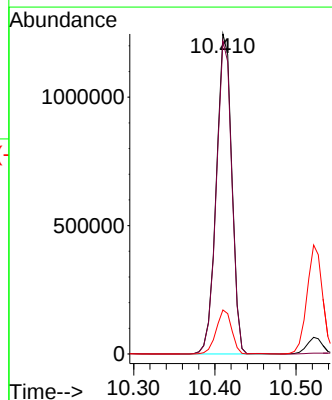
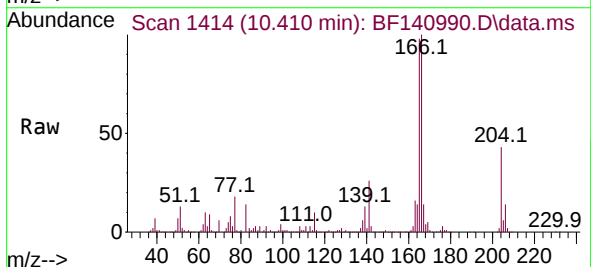
Manual Integrations
APPROVED

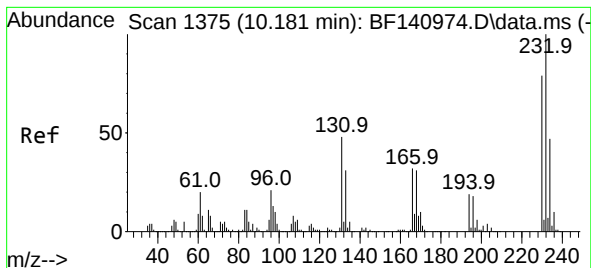
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 48.486 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

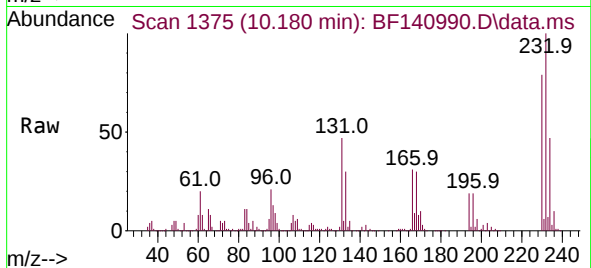
Tgt Ion:166 Resp: 1652515
Ion Ratio Lower Upper
166 100
165 97.7 78.3 117.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.124 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

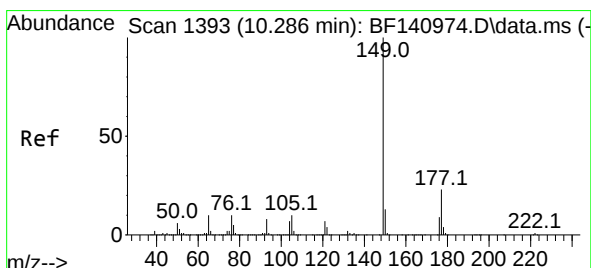
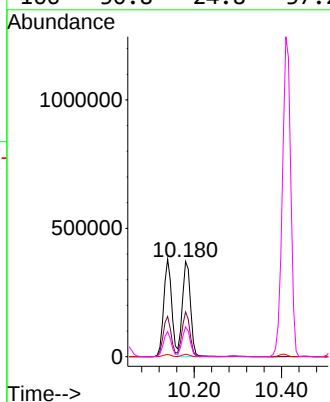
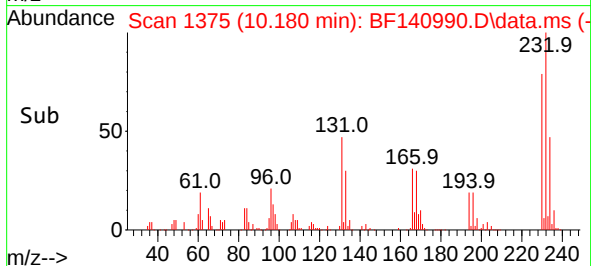
Instrument :
BNA_F
ClientSampleId :
PB165814BS



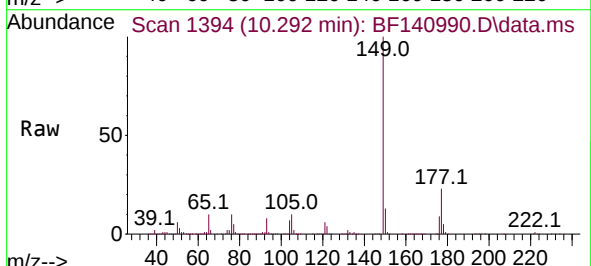
Tgt Ion:232 Resp: 471231
Ion Ratio Lower Upper
232 100
131 46.6 37.4 56.2
130 2.5 1.8 2.8
166 30.8 24.8 37.2

Manual Integrations
APPROVED

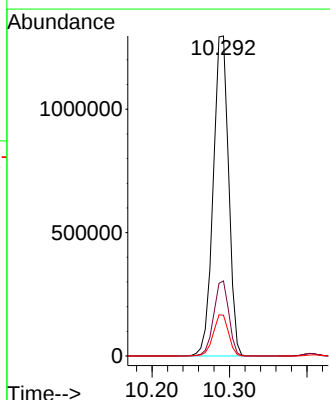
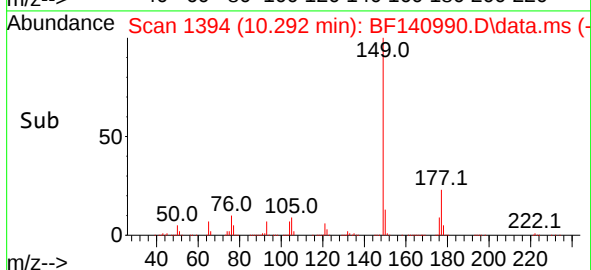
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

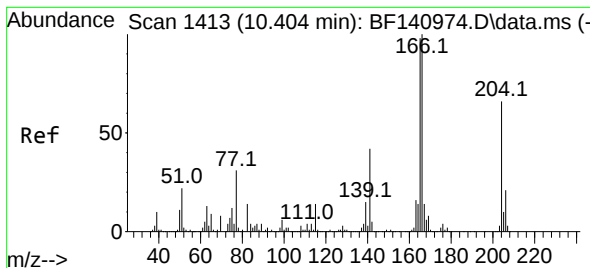


#60
Diethylphthalate
Concen: 50.879 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:149 Resp: 1787895
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.8 10.4 15.6





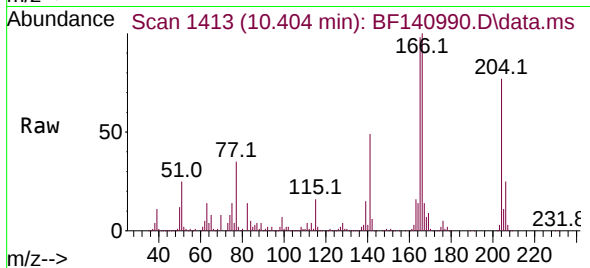
#61
4-Chlorophenyl-phenylether
Concen: 48.648 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



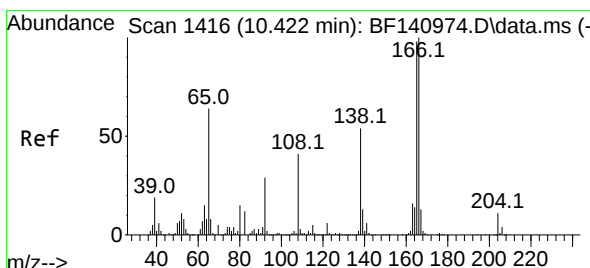
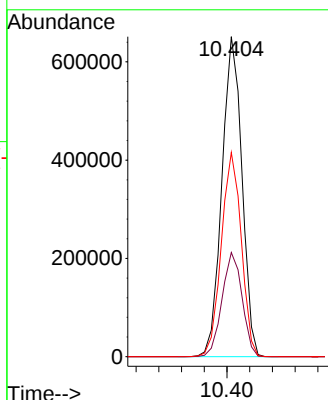
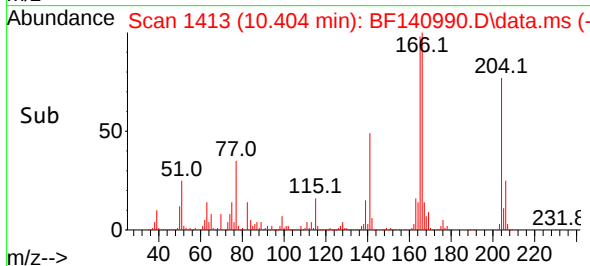
Tgt Ion:204 Resp: 797804
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 63.8 51.2 76.8

Manual Integrations

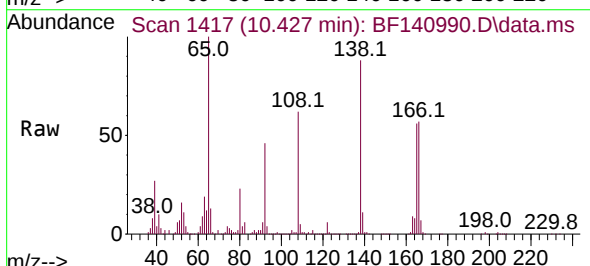
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

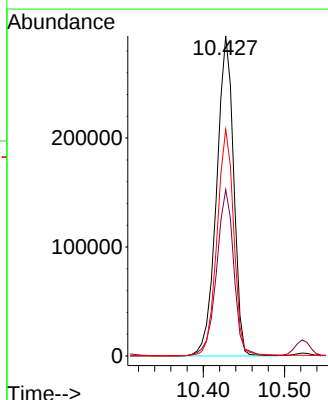
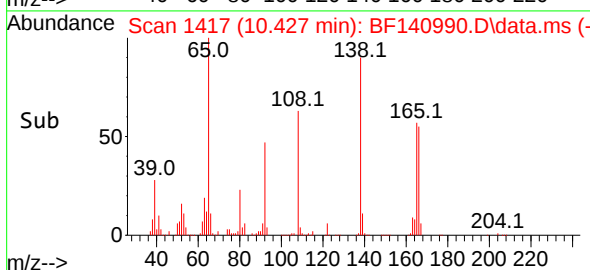
Supervised By :mohammad ahmed 12/30/2024



#62
4-Nitroaniline
Concen: 54.039 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:138 Resp: 429748
Ion Ratio Lower Upper
138 100
92 51.9 34.8 74.8
108 70.8 55.9 95.9





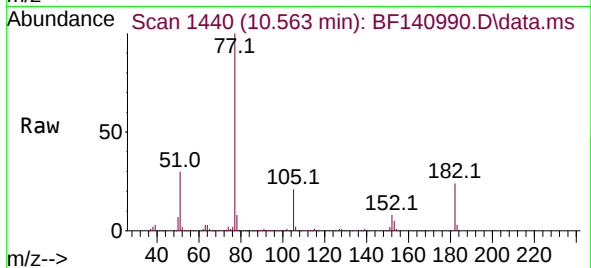
#63
Azobenzene
Concen: 50.553 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



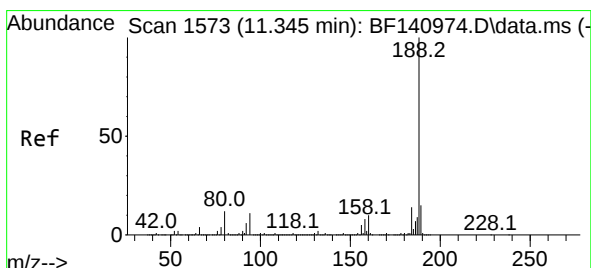
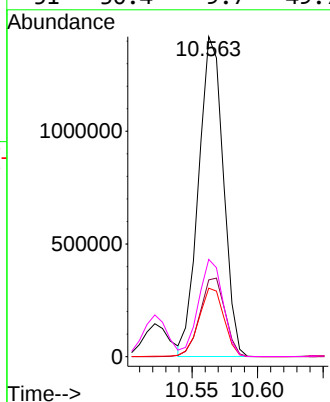
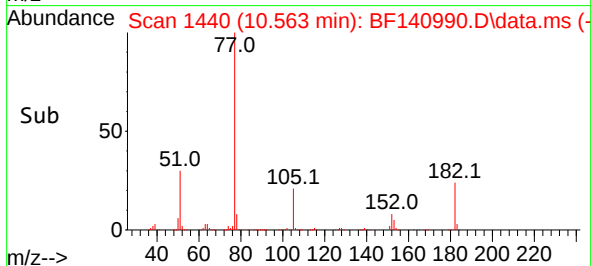
Tgt Ion: 77 Resp: 186458
Ion Ratio Lower Upper
77 100
182 24.0 4.1 44.1
105 21.4 1.8 41.8
51 30.4 9.7 49.7

Manual Integrations

APPROVED

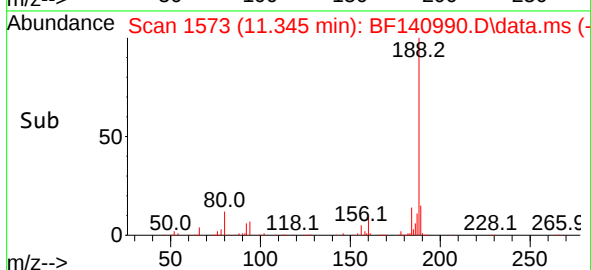
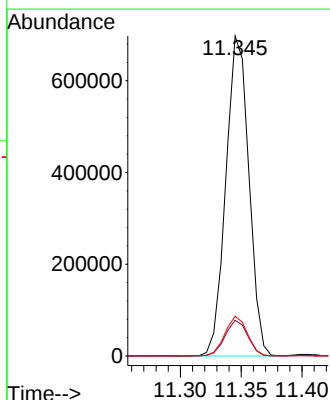
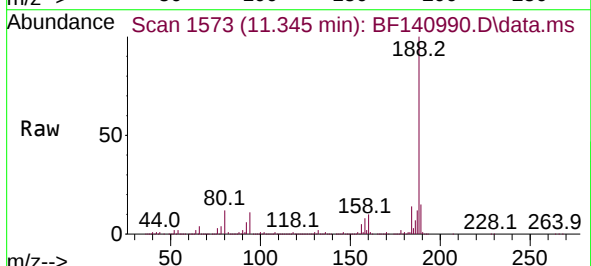
Reviewed By :Yogesh Patel 12/30/2024

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: BF140990.D
Acq: 27 Dec 2024 12:14

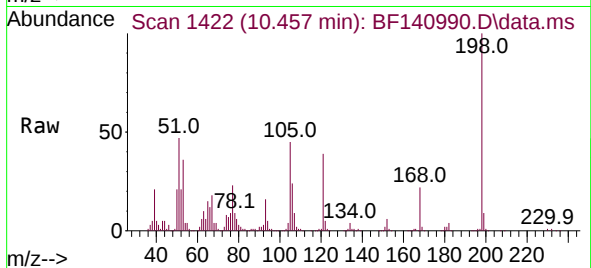
Tgt Ion:188 Resp: 919053
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.4 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 60.571 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

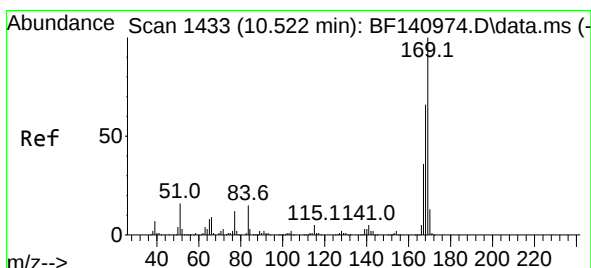
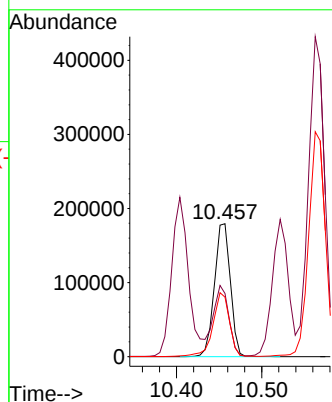
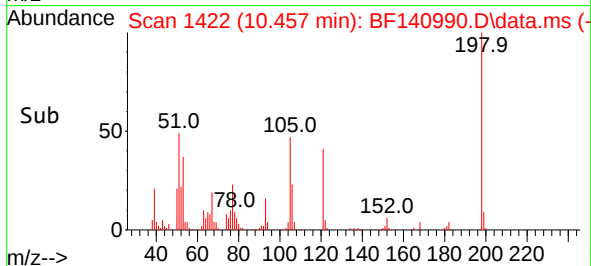
Instrument :
BNA_F
ClientSampleId :
PB165814BS



Tgt Ion:198 Resp: 233081
Ion Ratio Lower Upper
198 100
51 47.5 32.3 72.3
105 44.8 28.4 68.4

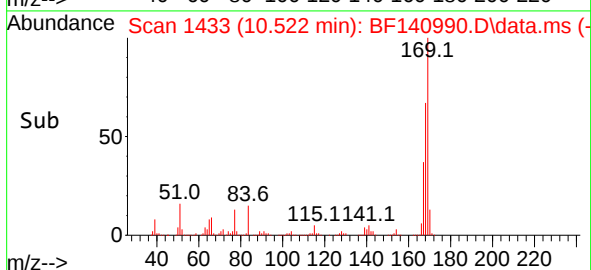
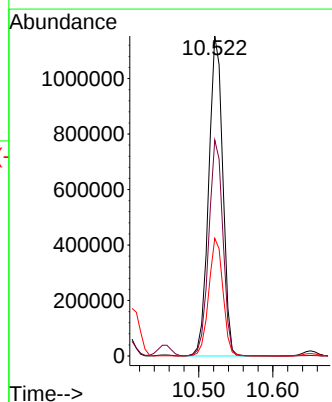
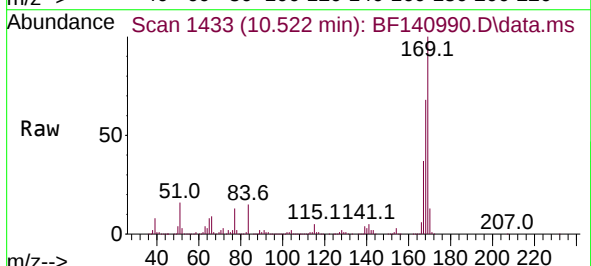
Manual Integrations
APPROVED

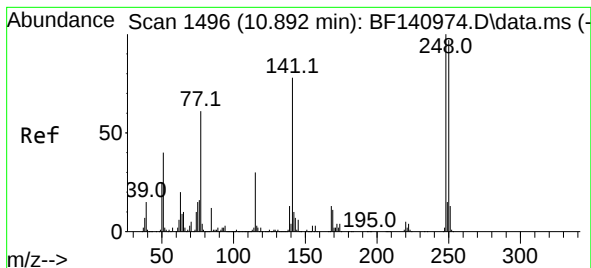
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#66
n-Nitrosodiphenylamine
Concen: 52.466 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:169 Resp: 1518417
Ion Ratio Lower Upper
169 100
168 67.5 52.6 79.0
167 36.8 29.0 43.4





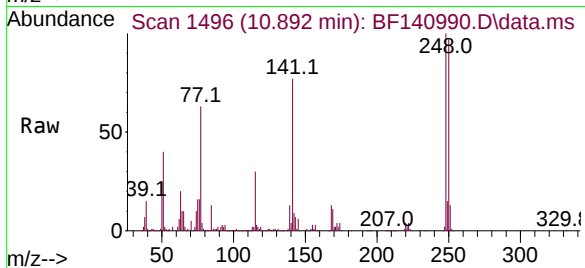
#67
4-Bromophenyl-phenylether
Concen: 53.335 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

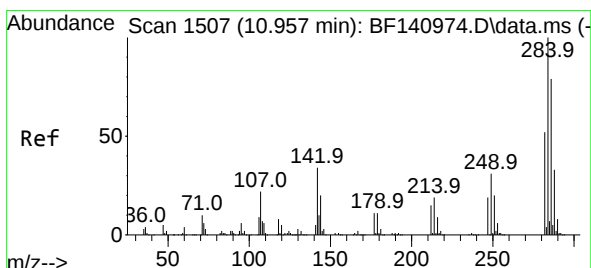
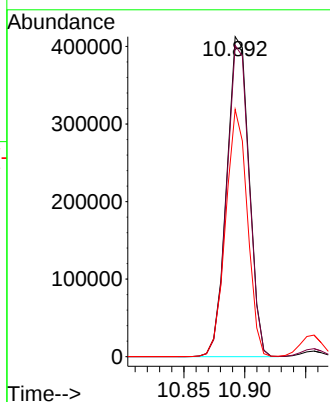
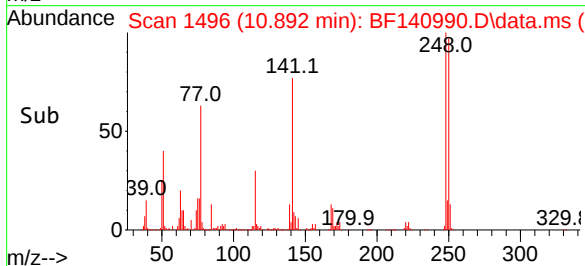
PB165814BS



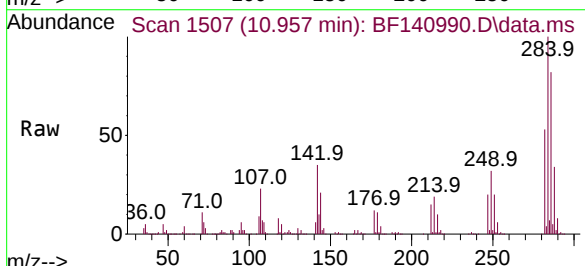
Tgt Ion:248 Resp: 52988
Ion Ratio Lower Upper
248 100
250 97.3 77.7 116.5
141 77.3 62.1 93.1

Manual Integrations
APPROVED

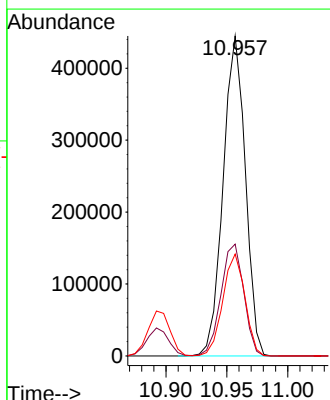
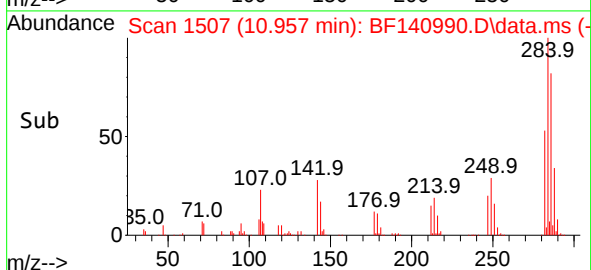
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

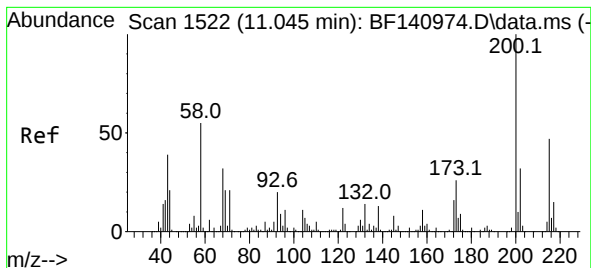


#68
Hexachlorobenzene
Concen: 51.490 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14



Tgt Ion:284 Resp: 564078
Ion Ratio Lower Upper
284 100
142 35.0 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 65.065 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS

Tgt Ion:200 Resp: 526059

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

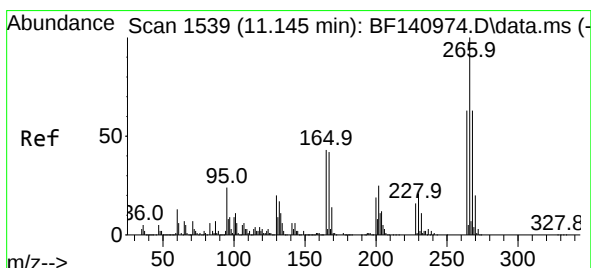
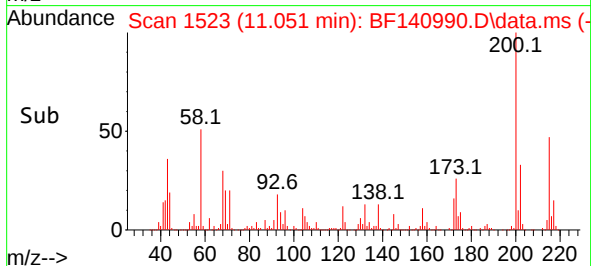
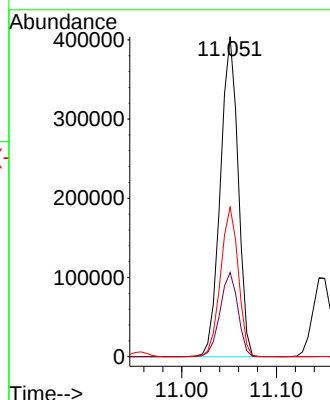
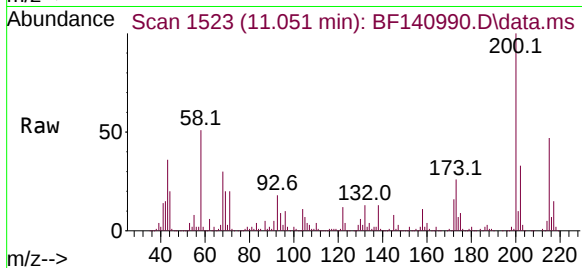
215 46.7 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 103.665 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

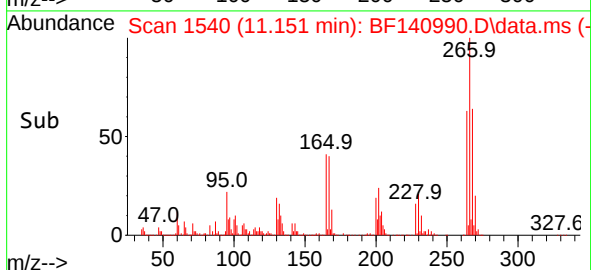
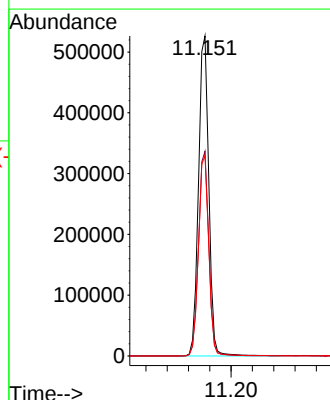
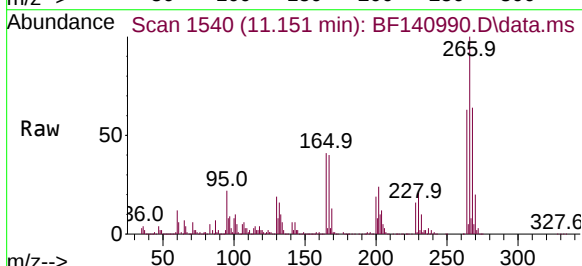
Tgt Ion:266 Resp: 707064

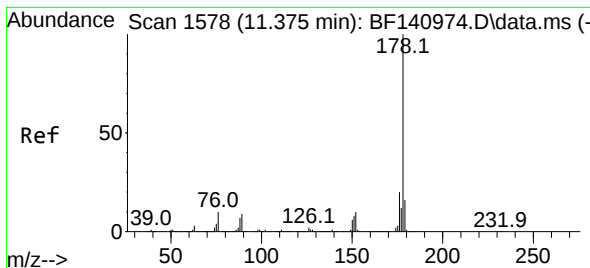
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 62.7 50.2 75.4





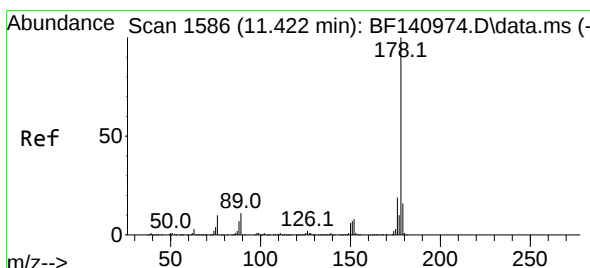
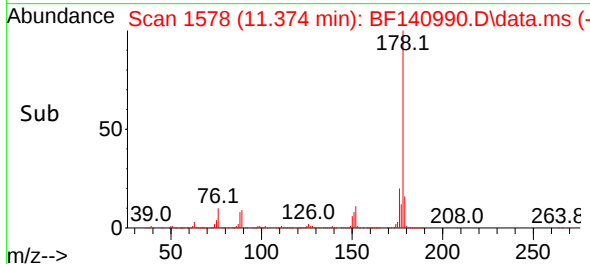
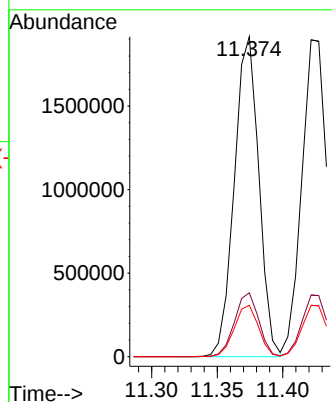
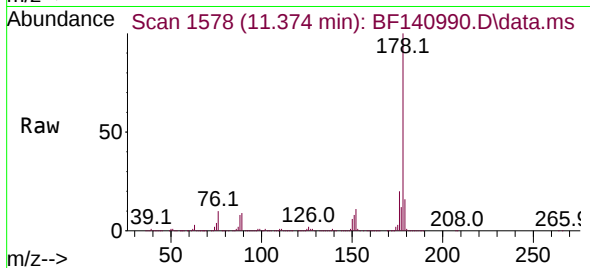
#71
Phenanthrene
Concen: 51.570 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB165814BS

Tgt Ion:178 Resp: 249448
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.1 12.6 19.0

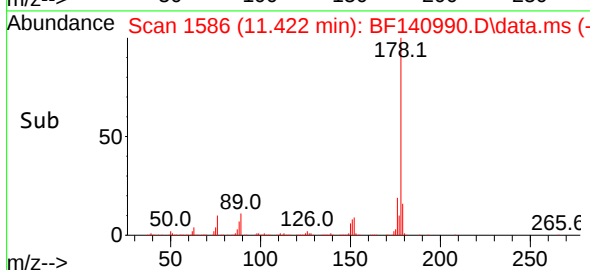
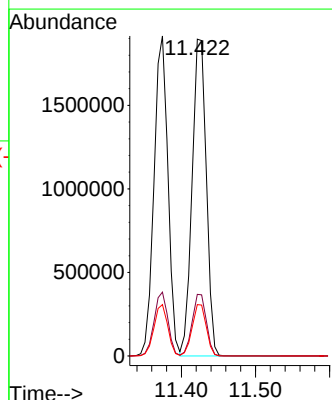
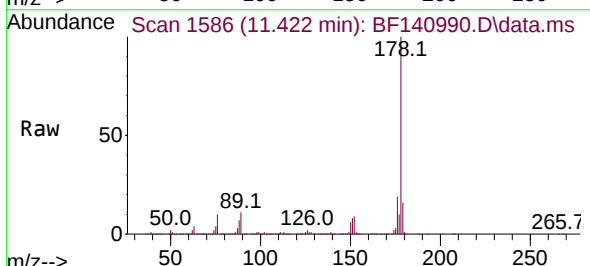
Manual Integrations
APPROVED

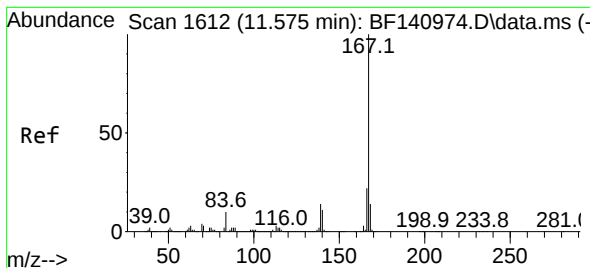
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 53.343 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

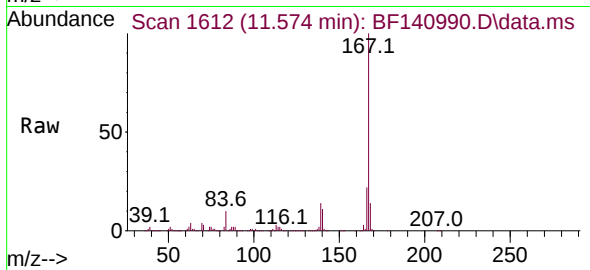
Tgt Ion:178 Resp: 2528317
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 16.2 12.9 19.3





#73
 Carbazole
 Concen: 51.130 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF140990.D
 Acq: 27 Dec 2024 12:14

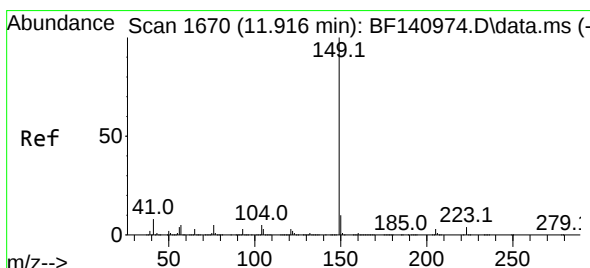
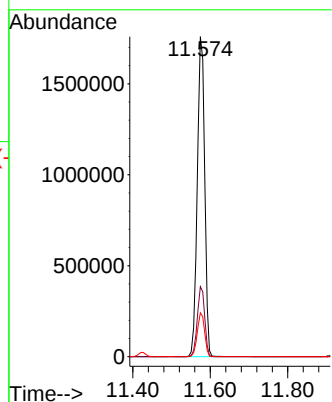
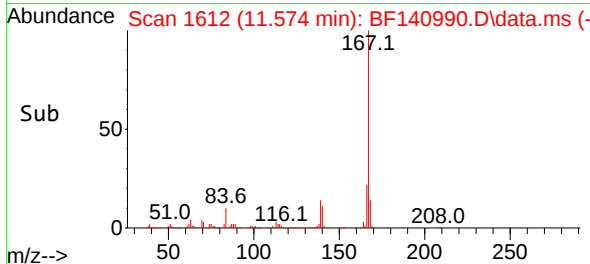
Instrument :
 BNA_F
 ClientSampleId :
 PB165814BS



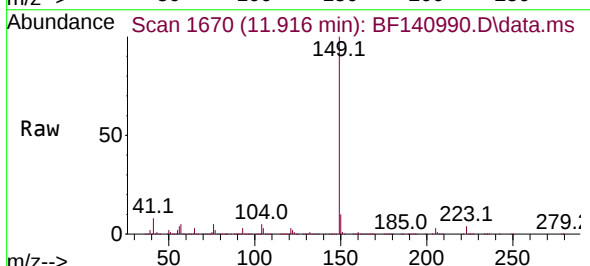
Tgt Ion:167 Resp: 232969
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.7 11.0 16.4

Manual Integrations
 APPROVED

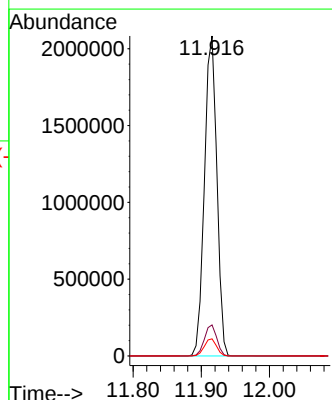
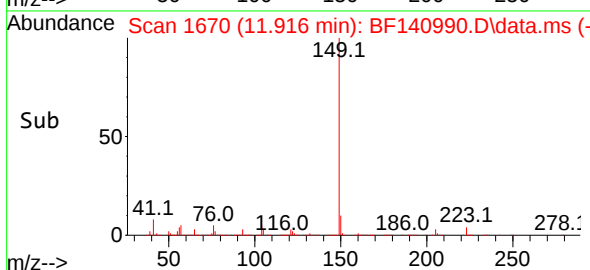
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

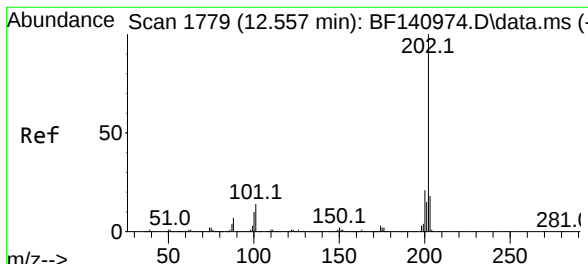


#74
 Di-n-butylphthalate
 Concen: 50.955 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF140990.D
 Acq: 27 Dec 2024 12:14



Tgt Ion:149 Resp: 2640717
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.3 4.1 6.1





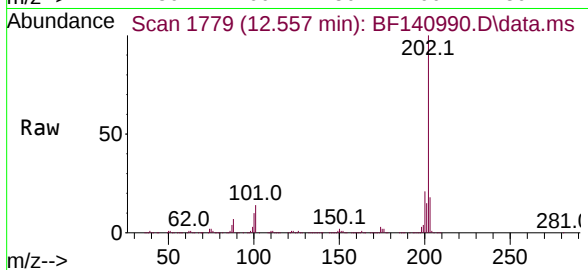
#75
 Fluoranthene
 Concen: 49.339 ng
 RT: 12.557 min Scan# 1779
 Delta R.T. -0.000 min
 Lab File: BF140990.D
 Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



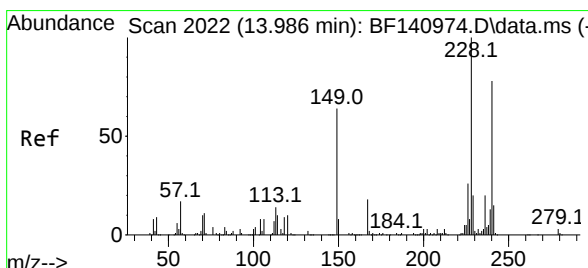
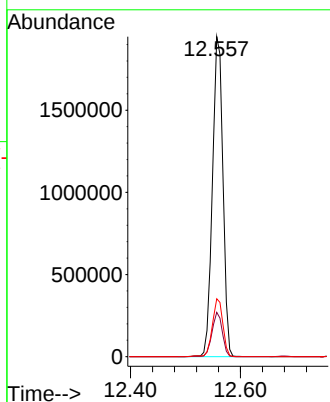
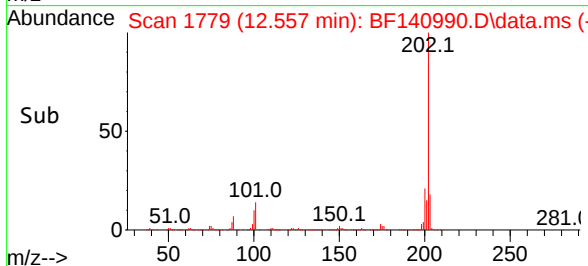
Tgt Ion:202 Resp: 2588359
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 33.7
 203 18.1 0.0 38.1

Manual Integrations

APPROVED

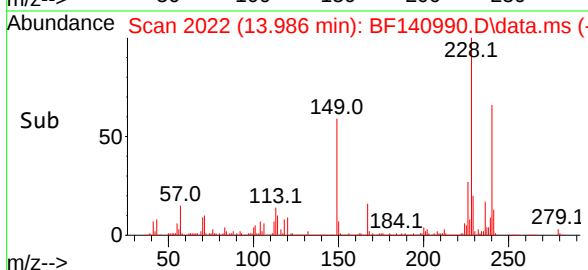
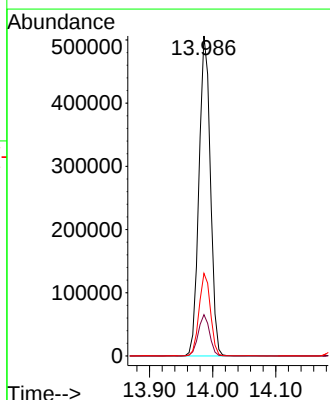
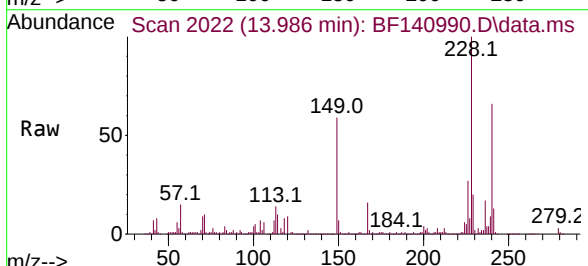
Reviewed By :Yogesh Patel 12/30/2024

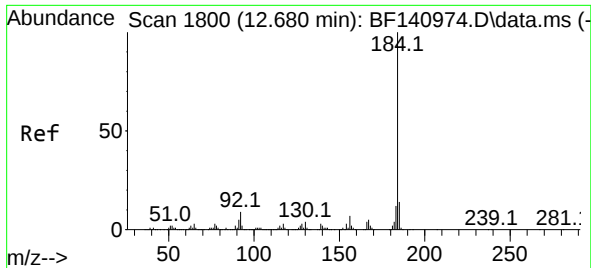
Supervised By :mohammad ahmed 12/30/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.986 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: BF140990.D
 Acq: 27 Dec 2024 12:14

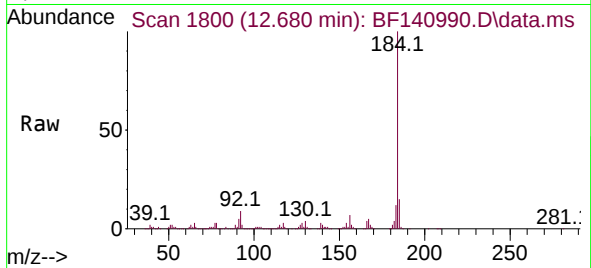
Tgt Ion:240 Resp: 633131
 Ion Ratio Lower Upper
 240 100
 120 12.9 10.7 16.1
 236 25.8 20.6 31.0





#77
Benzidine
Concen: 51.489 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

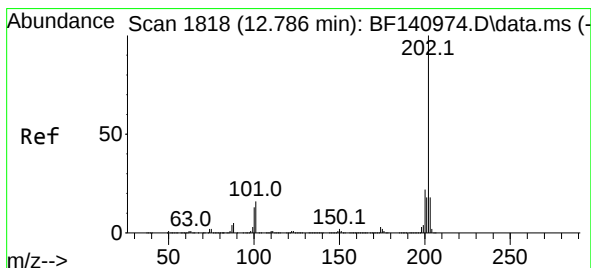
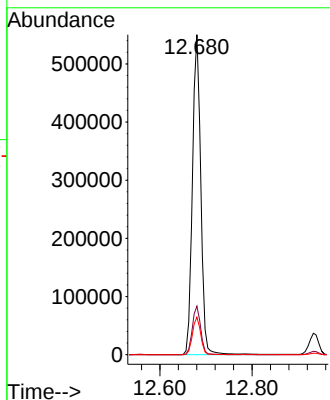
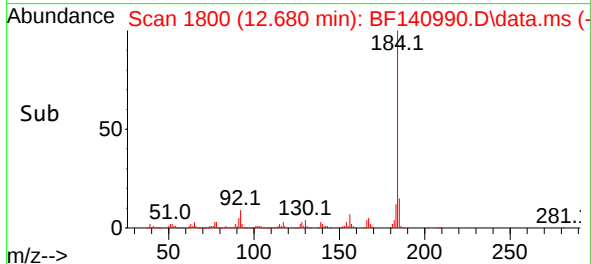
Instrument :
BNA_F
ClientSampleId :
PB165814BS



Tgt Ion:184 Resp: 688958
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.2
183 11.7 9.4 14.0

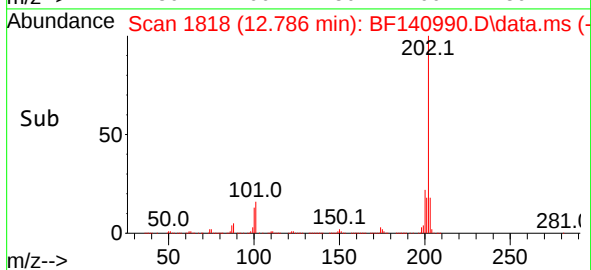
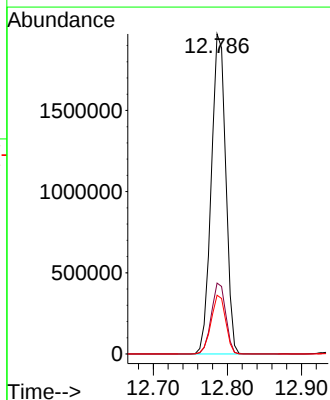
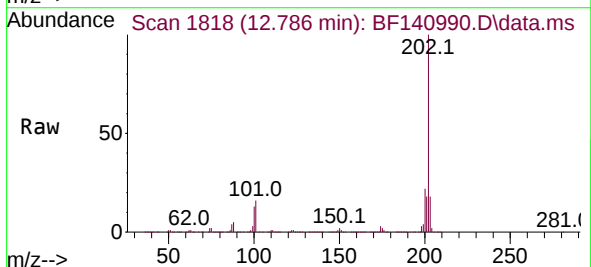
Manual Integrations
APPROVED

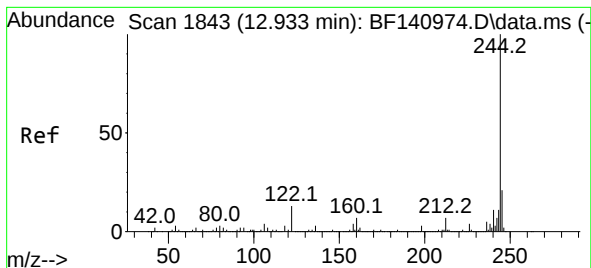
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#78
Pyrene
Concen: 48.163 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:202 Resp: 2666892
Ion Ratio Lower Upper
202 100
200 22.2 17.3 25.9
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 99.948 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140990.D

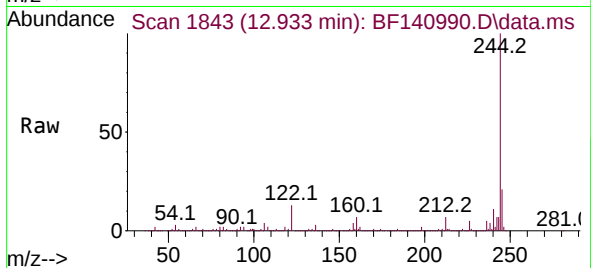
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



Tgt Ion:244 Resp: 3809770

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

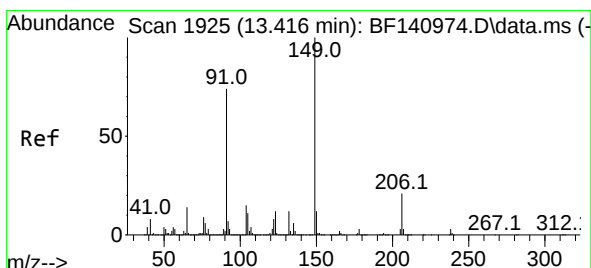
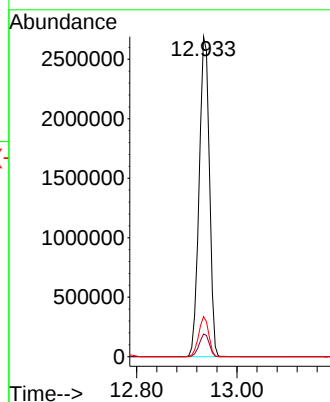
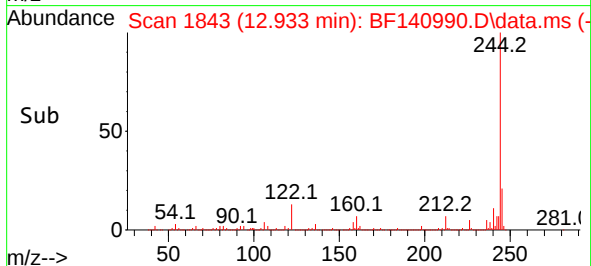
122 12.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

Concen: 52.839 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

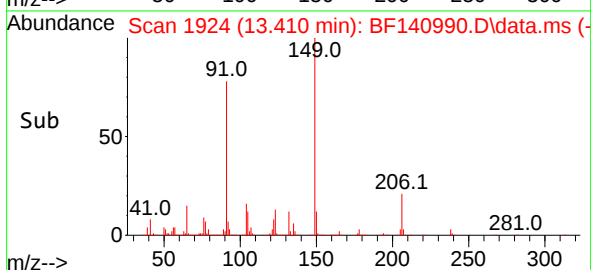
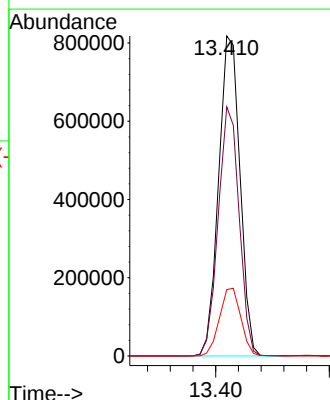
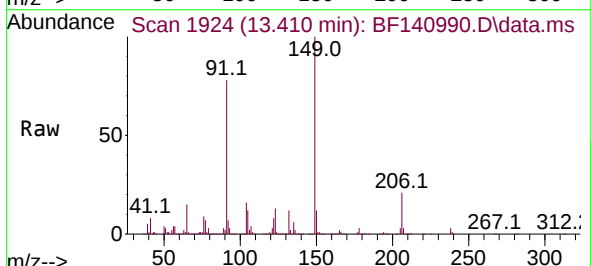
Tgt Ion:149 Resp: 1068367

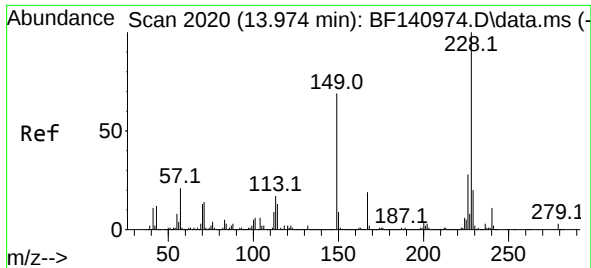
Ion Ratio Lower Upper

149 100

91 77.8 59.5 89.3

206 20.7 17.1 25.7





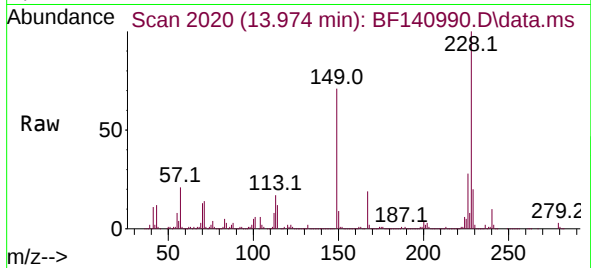
#81
Benzo(a)anthracene
Concen: 47.354 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS

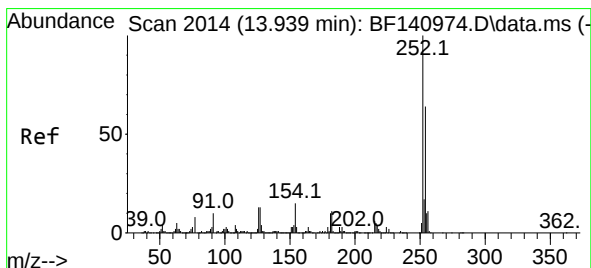
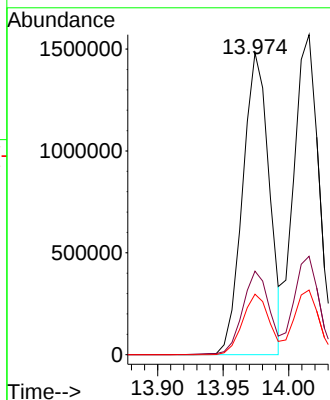
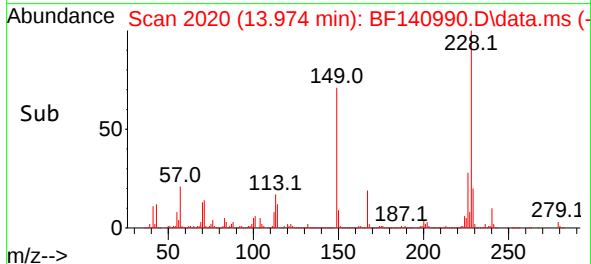


Tgt Ion:228 Resp: 2089530
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 16.2 24.2

Manual Integrations

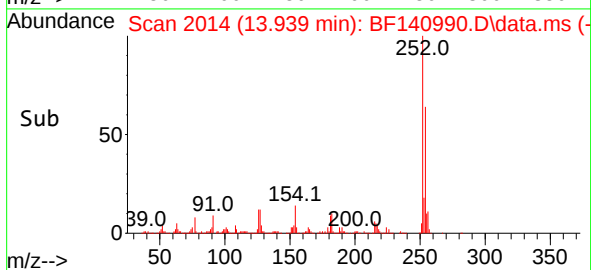
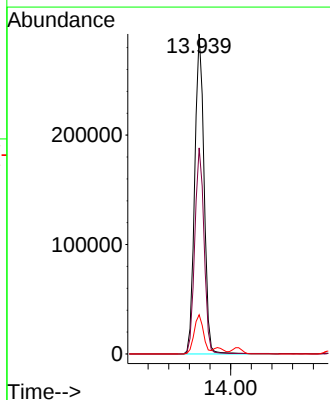
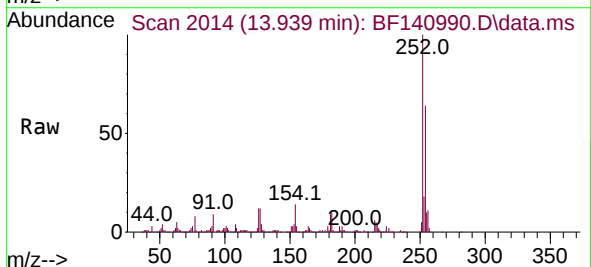
APPROVED

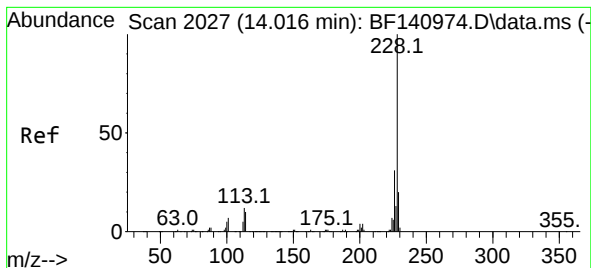
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 27.639 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:252 Resp: 366414
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 12.3 10.3 15.5





#83

Chrysene

Concen: 51.888 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140990.D

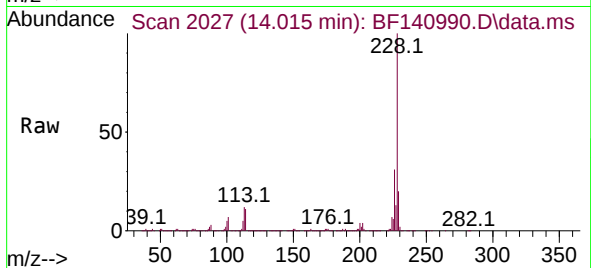
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



Tgt Ion:228 Resp: 2063978

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

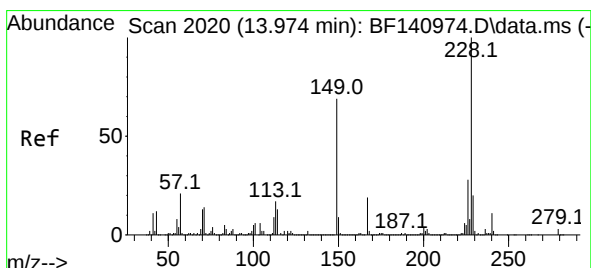
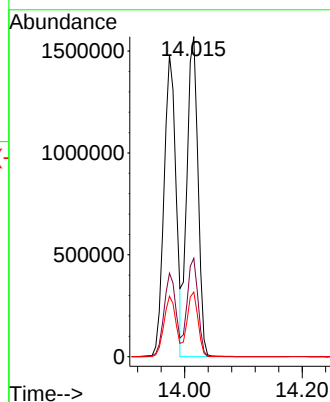
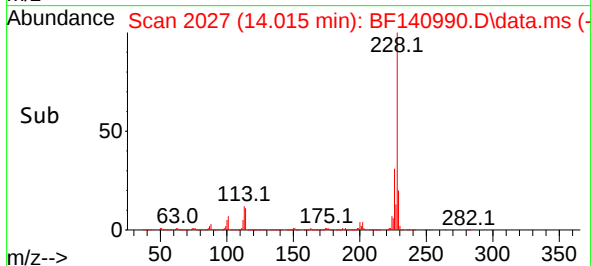
229 20.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.819 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

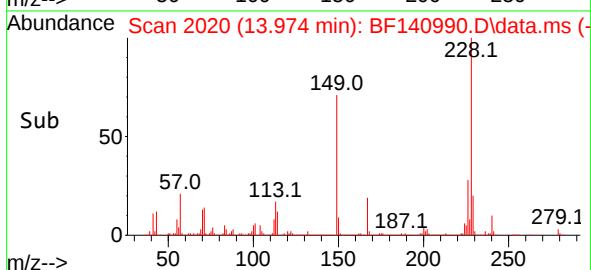
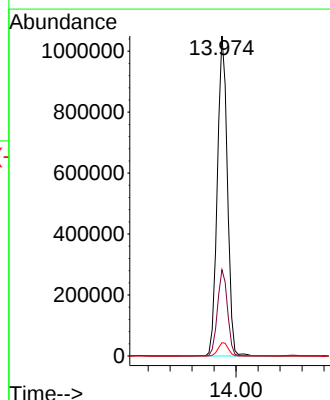
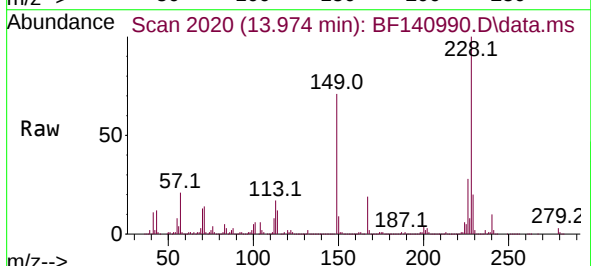
Tgt Ion:149 Resp: 1332849

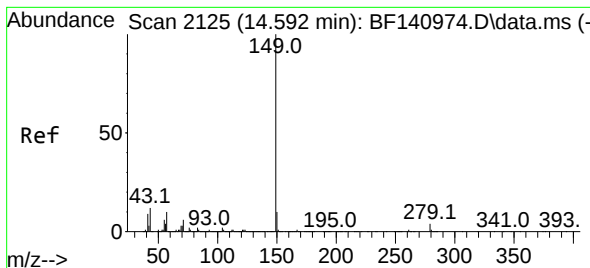
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

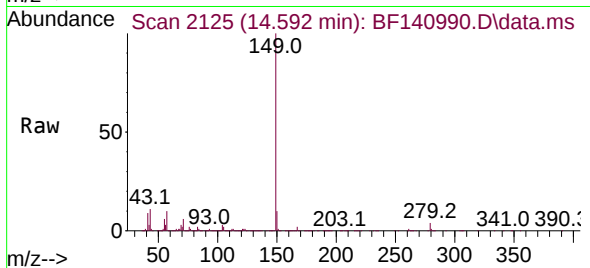
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 55.364 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

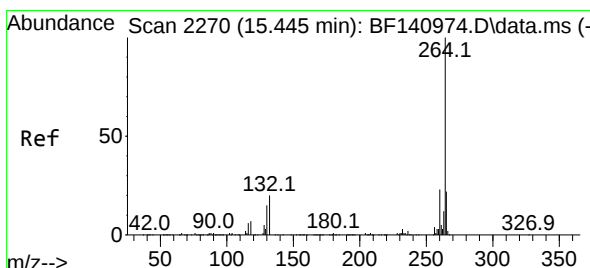
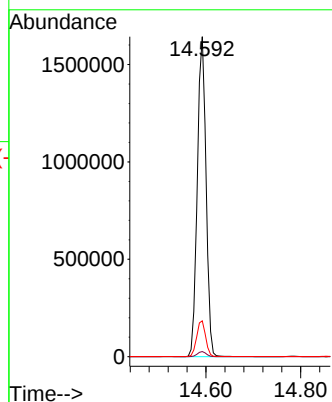
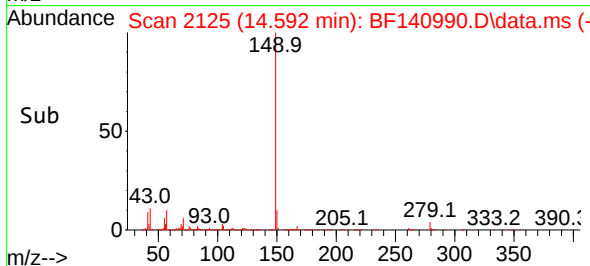
Instrument :
BNA_F
ClientSampleId :
PB165814BS



Tgt Ion:149 Resp: 210161
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.4 9.3 13.9

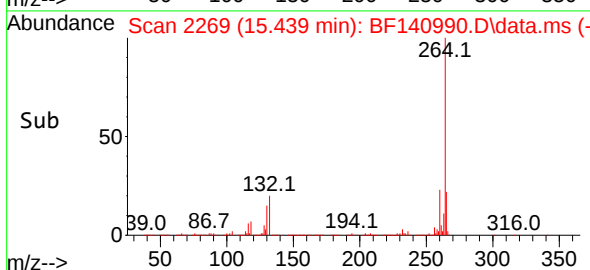
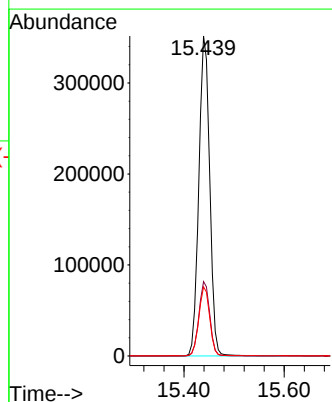
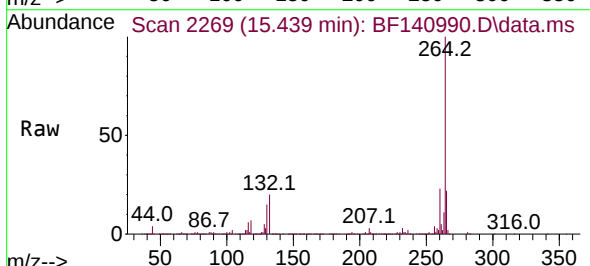
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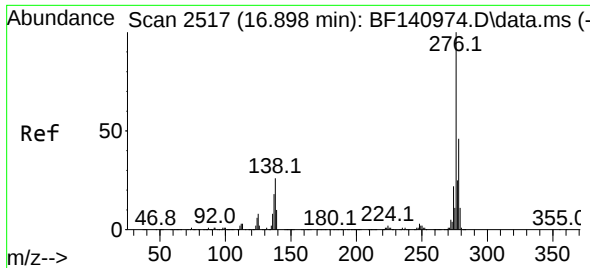
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:264 Resp: 527325
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.052 ng
RT: 16.892 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

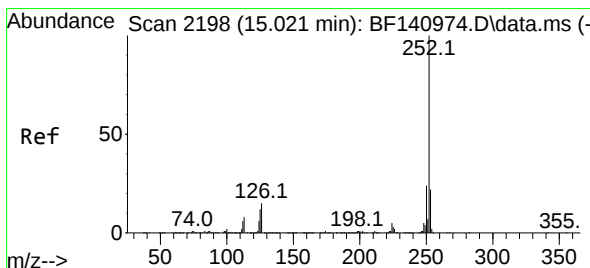
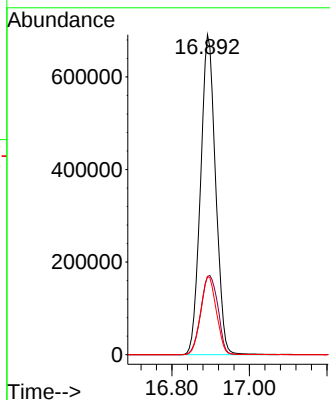
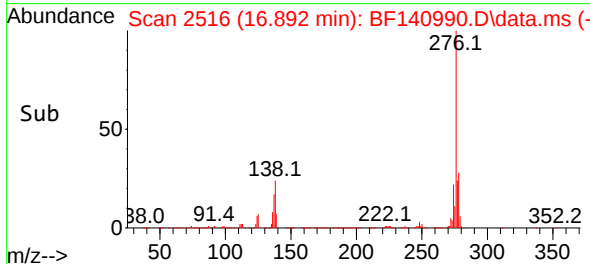
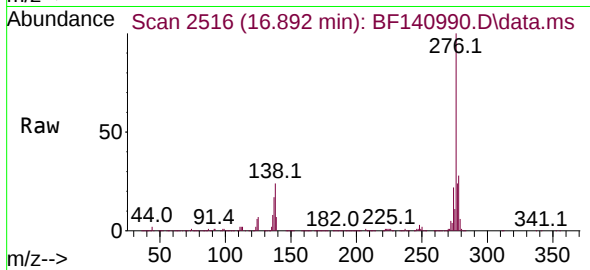
ClientSampleId :

PB165814BS

Tgt Ion:276 Resp: 1862200
Ion Ratio Lower Upper
276 100
138 28.1 23.1 34.7
277 25.3 20.4 30.6

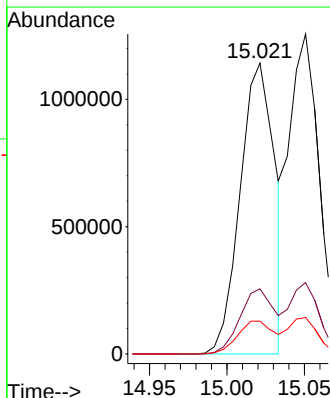
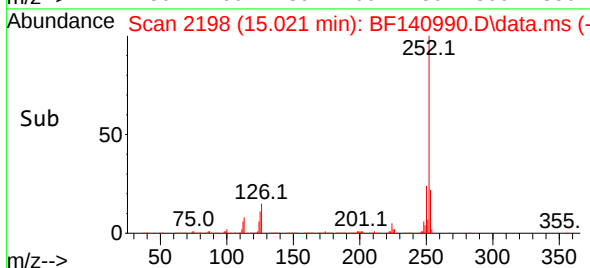
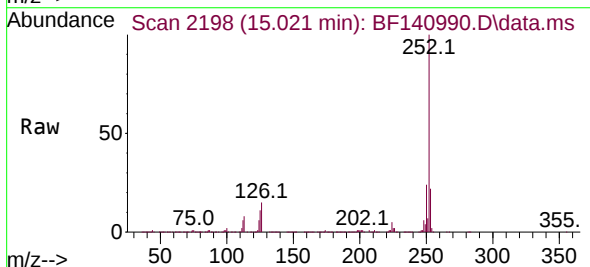
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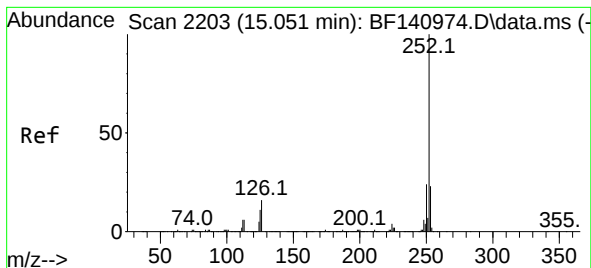
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 47.900 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:252 Resp: 1761651
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 58.553 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140990.D

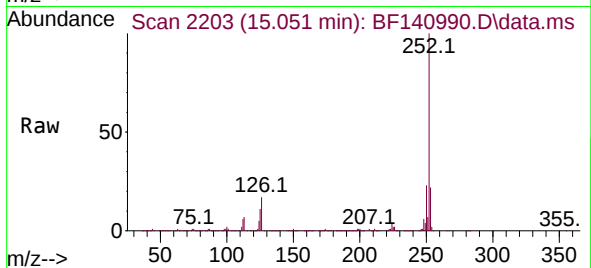
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB165814BS



Tgt Ion:252 Resp: 1687799

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

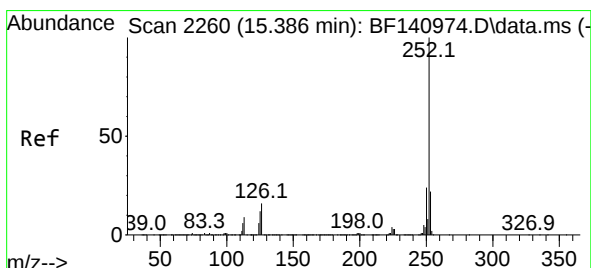
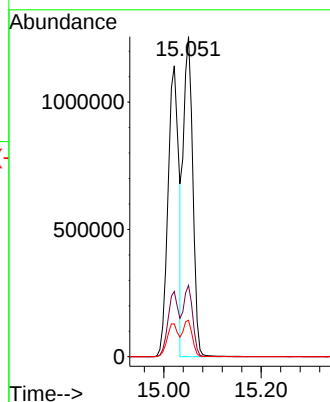
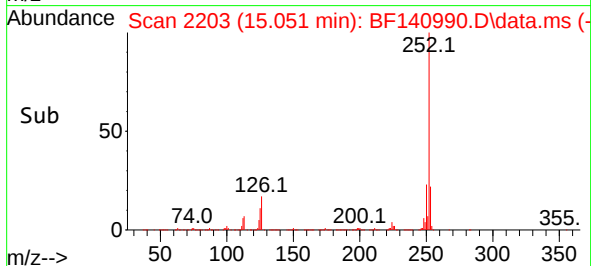
125 11.4 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#90

Benzo(a)pyrene

Concen: 56.031 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF140990.D

Acq: 27 Dec 2024 12:14

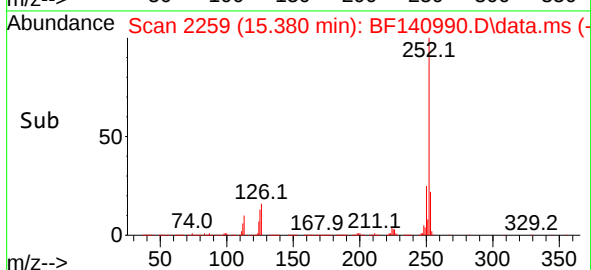
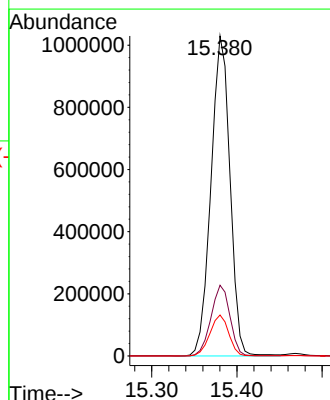
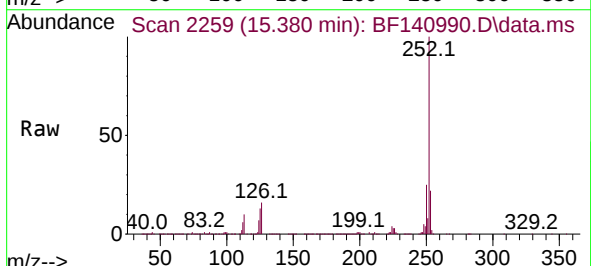
Tgt Ion:252 Resp: 1599470

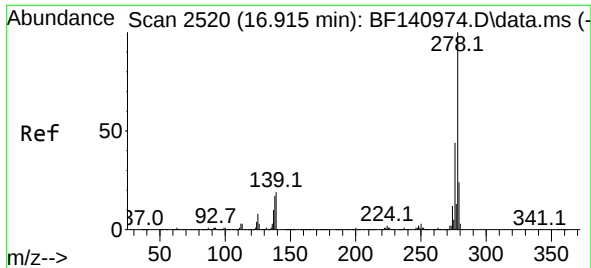
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.8 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 55.822 ng
RT: 16.915 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Instrument :

BNA_F

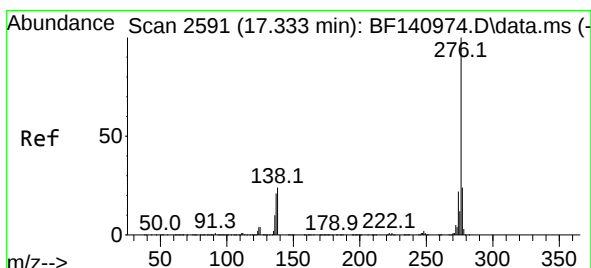
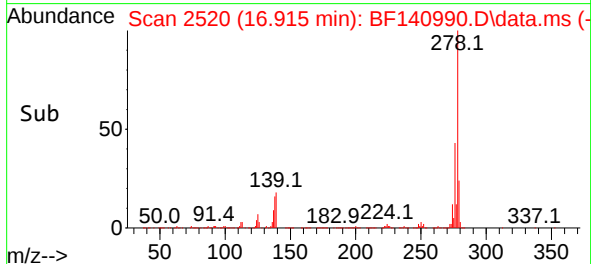
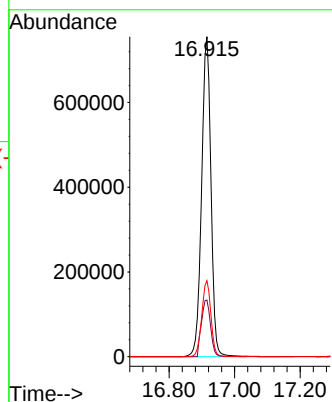
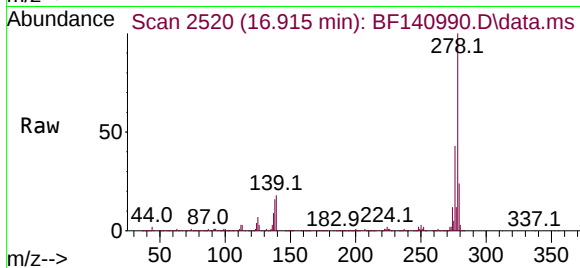
ClientSampleId :

PB165814BS

Tgt Ion:278 Resp: 1503324
Ion Ratio Lower Upper
278 100
139 17.7 14.9 22.3
279 23.7 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: 49.972 ng
RT: 17.333 min Scan# 2591
Delta R.T. -0.000 min
Lab File: BF140990.D
Acq: 27 Dec 2024 12:14

Tgt Ion:276 Resp: 1395806
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 24.3 19.4 29.2

