

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140598.D
 Acq On : 25 Nov 2024 13:02
 Operator : RC/JU
 Sample : PB165152BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165152BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 13:42:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99301	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	382645	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214473	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	401581	20.000	ng	0.00
76) Chrysene-d12	14.051	240	233962	20.000	ng	0.00
86) Perylene-d12	15.557	264	195258	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	846159	145.389	ng	0.02
7) Phenol-d6	6.516	99	1097124	142.592	ng	0.00
23) Nitrobenzene-d5	7.434	82	721964	96.509	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	341909	149.058	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1385588	96.257	ng	0.00
79) Terphenyl-d14	12.986	244	1517791	101.016	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	113338	46.317	ng	99
3) Pyridine	3.516	79	284772	52.893	ng	100
4) n-Nitrosodimethylamine	3.469	42	159233	50.321	ng	94
6) Aniline	6.534	93	296838	54.812	ng	# 76
8) 2-Chlorophenol	6.663	128	331219	52.898	ng	96
9) Benzaldehyde	6.422	77	157871	38.759	ng	99
10) Phenol	6.528	94	410774	52.277	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	312507	51.973	ng	99
12) 1,3-Dichlorobenzene	6.810	146	349953	49.740	ng	99
13) 1,4-Dichlorobenzene	6.887	146	356626	50.061	ng	99
14) 1,2-Dichlorobenzene	7.039	146	335974	50.331	ng	99
15) Benzyl Alcohol	7.016	79	306875	53.782	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	384656	54.150	ng	87
17) 2-Methylphenol	7.134	107	260567	51.987	ng	97
18) Hexachloroethane	7.381	117	132570	49.826	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	236264	51.958	ng	97
20) 3+4-Methylphenols	7.281	107	335470	52.072	ng	96
22) Acetophenone	7.281	105	449242	48.157	ng	99
24) Nitrobenzene	7.457	77	360886	46.677	ng	98
25) Isophorone	7.692	82	640025	51.295	ng	100
26) 2-Nitrophenol	7.769	139	178581	52.120	ng	98
27) 2,4-Dimethylphenol	7.810	122	265144	64.677	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	387181	50.936	ng	100
29) 2,4-Dichlorophenol	8.016	162	279062	51.372	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	294239	47.440	ng	99
31) Naphthalene	8.175	128	961872	48.802	ng	100
32) Benzoic acid	7.945	122	166417	46.851	ng	99
33) 4-Chloroaniline	8.222	127	131641	22.308	ng	98
34) Hexachlorobutadiene	8.286	225	197852	48.161	ng	99
35) Caprolactam	8.598	113	86604m	51.517	ng	
36) 4-Chloro-3-methylphenol	8.716	107	311756	51.259	ng	99
37) 2-Methylnaphthalene	8.863	142	636017	50.805	ng	100
38) 1-Methylnaphthalene	8.963	142	593614	48.376	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	307592	48.990	ng	99
41) Hexachlorocyclopentadiene	9.016	237	289488	193.715	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	200728	50.949	ng	99

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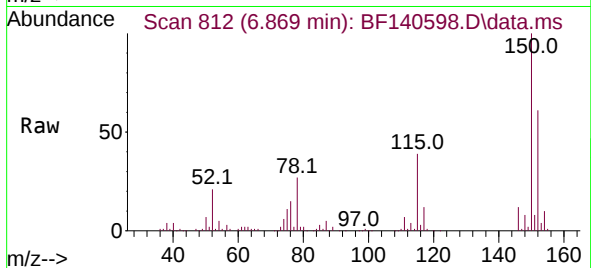
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	213723	49.984	ng	98
46) 1,1'-Biphenyl	9.328	154	791809	49.449	ng	100
47) 2-Chloronaphthalene	9.357	162	592185	48.807	ng	99
48) 2-Nitroaniline	9.457	65	199018	51.102	ng	98
49) Acenaphthylene	9.775	152	977979	53.347	ng	100
50) Dimethylphthalate	9.633	163	724262	51.275	ng	100
51) 2,6-Dinitrotoluene	9.698	165	158048	49.336	ng	94
52) Acenaphthene	9.945	154	596240	51.187	ng	99
53) 3-Nitroaniline	9.869	138	100618	32.114	ng	94
54) 2,4-Dinitrophenol	9.980	184	152527	90.766	ng	96
55) Dibenzofuran	10.116	168	893805	50.306	ng	99
56) 4-Nitrophenol	10.045	139	213899	100.102	ng	96
57) 2,4-Dinitrotoluene	10.104	165	211757	49.737	ng	98
58) Fluorene	10.463	166	706702	49.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	183707	55.904	ng	95
60) Diethylphthalate	10.327	149	729880	50.858	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	346192	49.464	ng	97
62) 4-Nitroaniline	10.486	138	162008	49.301	ng	97
63) Azobenzene	10.610	77	687690	50.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	114647	55.868	ng	98
66) n-Nitrosodiphenylamine	10.569	169	605842	51.015	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	209859	50.744	ng	97
68) Hexachlorobenzene	11.010	284	242139	50.565	ng	100
69) Atrazine	11.098	200	204968	61.351	ng	100
70) Pentachlorophenol	11.210	266	217924	103.398	ng	99
71) Phenanthrene	11.427	178	997351	51.667	ng	100
72) Anthracene	11.480	178	1020413	54.040	ng	100
73) Carbazole	11.633	167	919335	50.610	ng	100
74) Di-n-butylphthalate	11.957	149	1080749	51.534	ng	100
75) Fluoranthene	12.616	202	1065582	50.842	ng	99
77) Benzidine	12.733	184	303000	44.544	ng	99
78) Pyrene	12.845	202	1095938	50.661	ng	100
80) Butylbenzylphthalate	13.457	149	420209	53.922	ng	98
81) Benzo(a)anthracene	14.039	228	830546	53.627	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	154079	33.136	ng	100
83) Chrysene	14.080	228	735574	51.942	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	539818	54.858	ng	99
85) Di-n-octyl phthalate	14.651	149	772524	57.445	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	647722	50.903	ng	98
88) Benzo(b)fluoranthene	15.121	252	621111	50.643	ng	99
89) Benzo(k)fluoranthene	15.151	252	583206	54.340	ng	99
90) Benzo(a)pyrene	15.492	252	561220	56.280	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	529761	50.835	ng	98
92) Benzo(g,h,i)perylene	17.527	276	490635	46.138	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

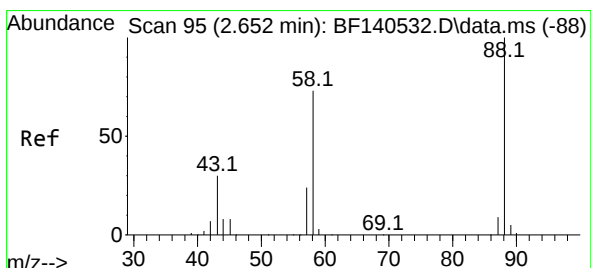
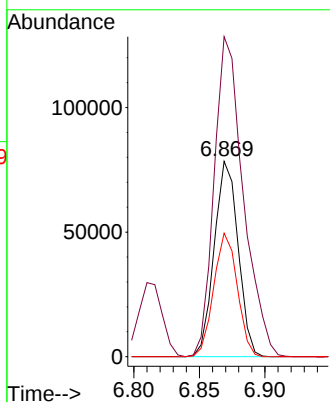
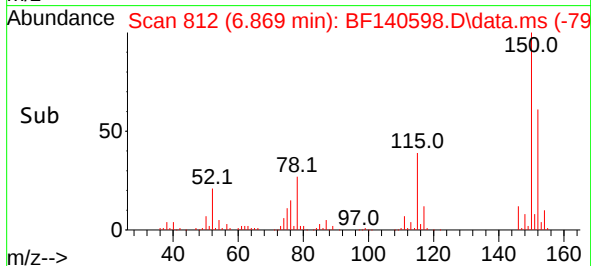
Instrument :
BNA_F
ClientSampleId :
PB165152BS



Tgt Ion:152 Resp: 9930
Ion Ratio Lower Upper
152 100
150 163.8 128.5 192.7
115 63.2 50.2 75.4

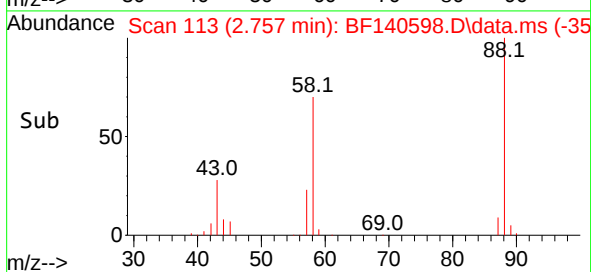
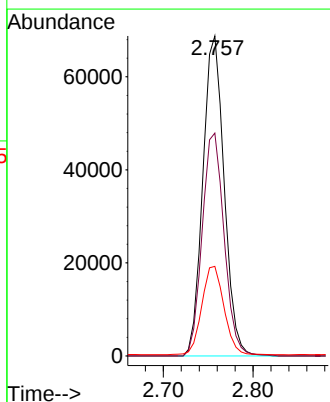
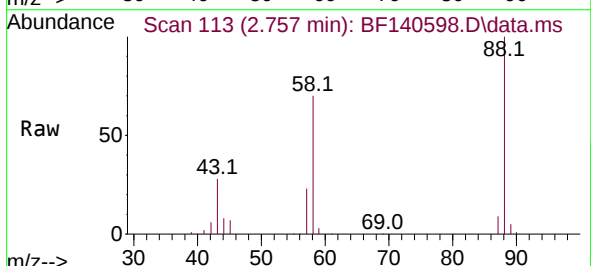
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 46.317 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.106 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

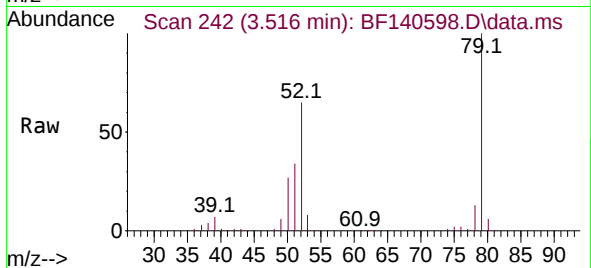
Tgt Ion: 88 Resp: 113338
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 28.8 24.3 36.5





#3
Pyridine
Concen: 52.893 ng
RT: 3.516 min Scan# 242
Delta R.T. 0.094 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

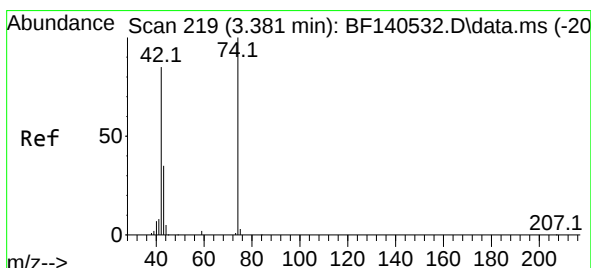
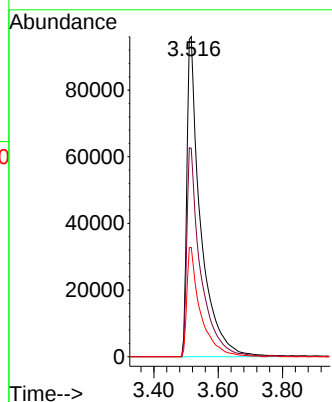
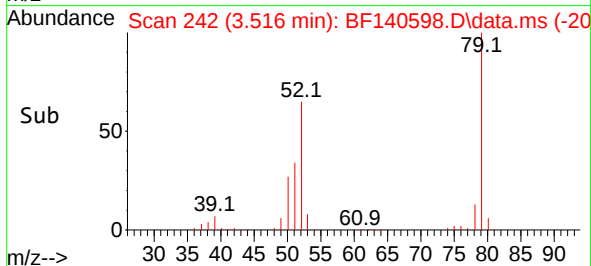
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BNA_F
ClientSampleId :
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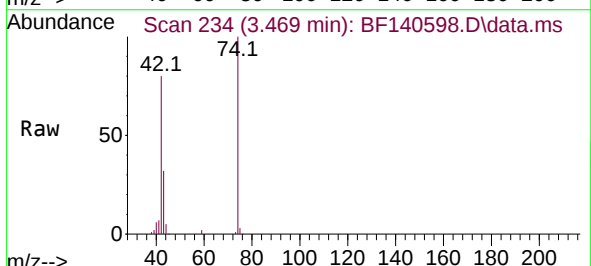
Tgt Ion: 79 Resp: 284772
Ion Ratio Lower Upper
79 100
52 65.2 52.1 78.1
51 34.2 27.8 41.8

Manual Integrations
APPROVED

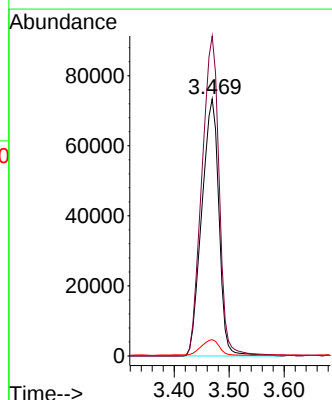
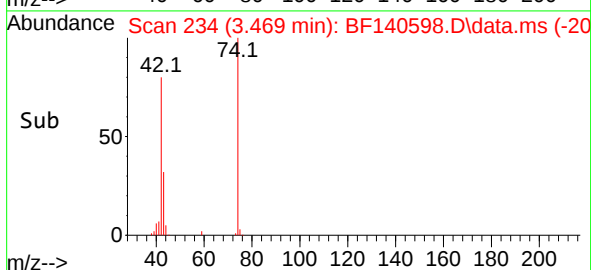
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 50.321 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.088 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion: 42 Resp: 159233
Ion Ratio Lower Upper
42 100
74 124.5 93.8 140.6
44 6.4 4.6 6.8





#5
2-Fluorophenol
Concen: 145.389 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

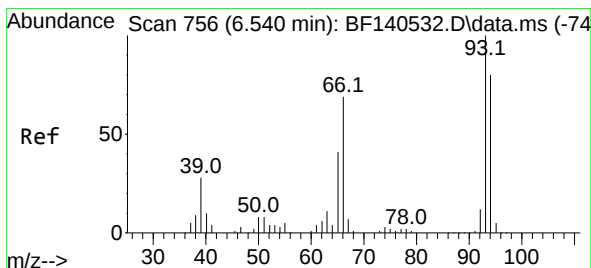
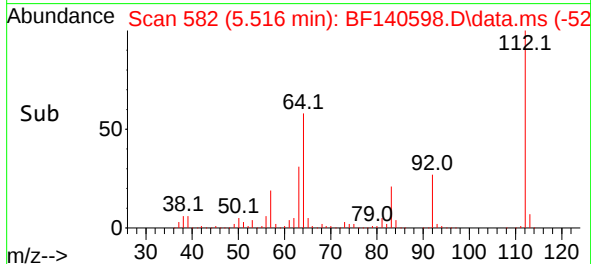
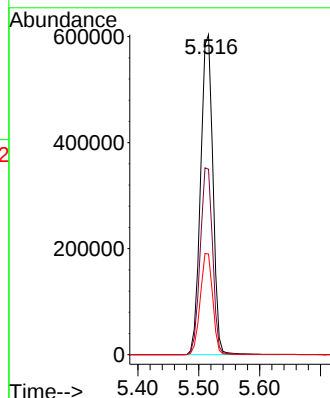
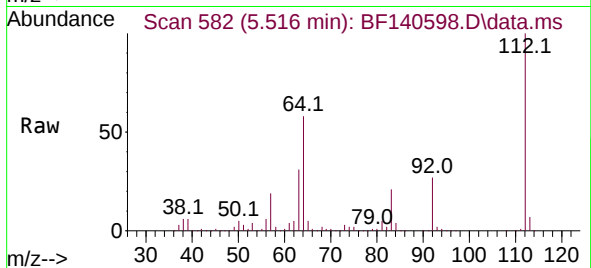
PB165152BS

Tgt Ion:112 Resp: 846159
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 31.5 27.0 40.4

Manual Integrations

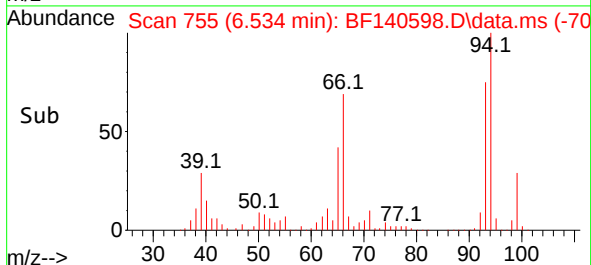
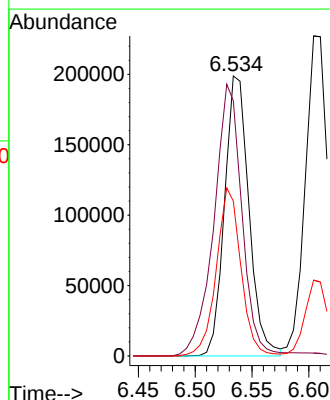
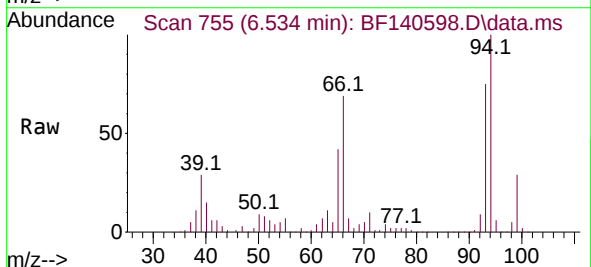
APPROVED

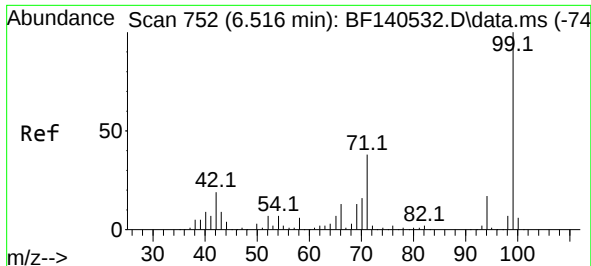
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 54.812 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

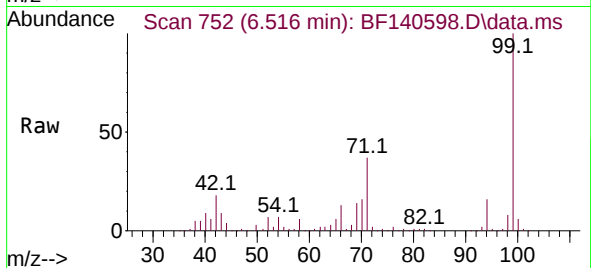
Tgt Ion: 93 Resp: 296838
Ion Ratio Lower Upper
93 100
66 91.1 56.5 84.7#
65 55.3 32.9 49.3#





#7
Phenol-d6
Concen: 142.592 ng
RT: 6.516 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

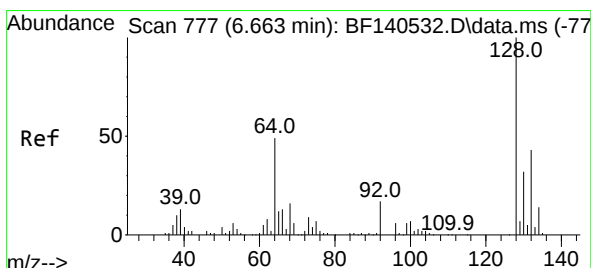
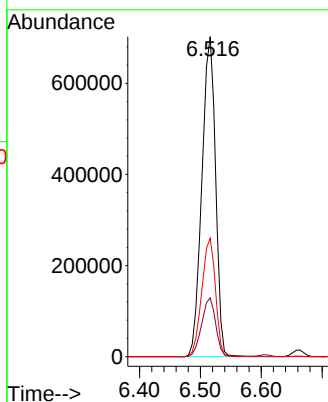
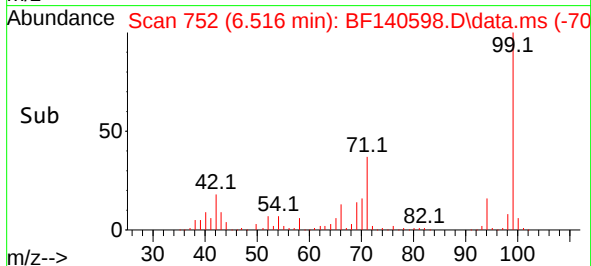
Instrument :
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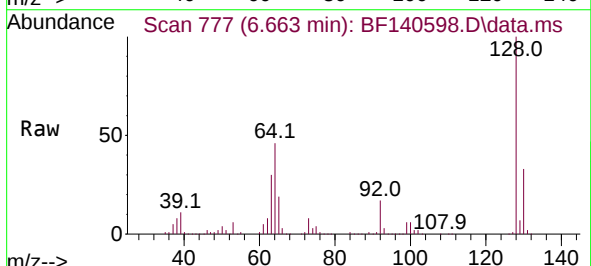
Tgt Ion: 99 Resp: 1097124
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.0 30.6 46.0

Manual Integrations
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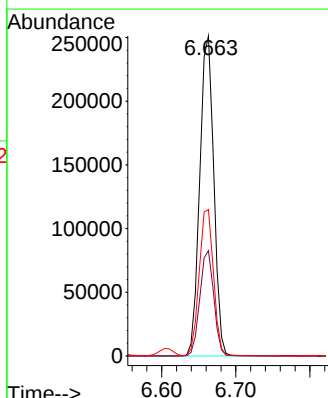
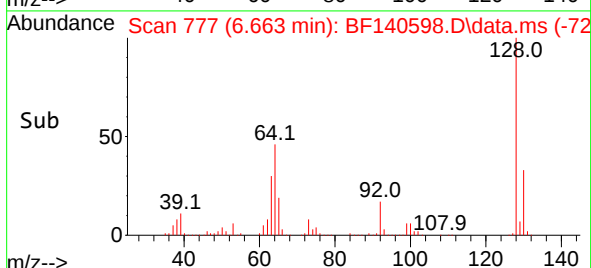
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 52.898 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:128 Resp: 331219
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 45.7 30.2 70.2





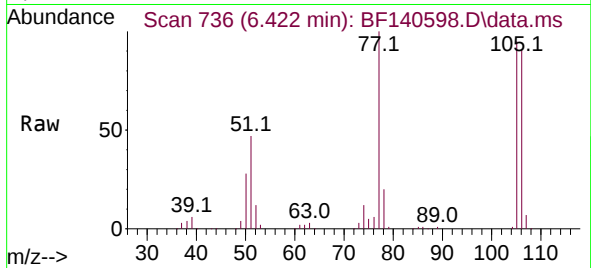
#9
Benzaldehyde
Concen: 38.759 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

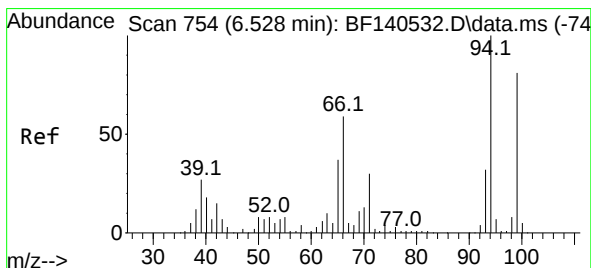
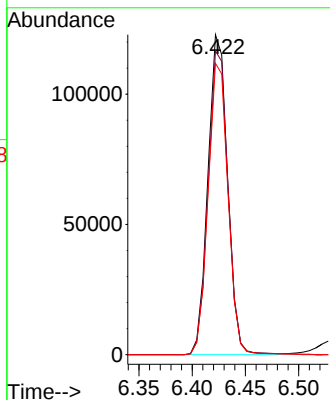
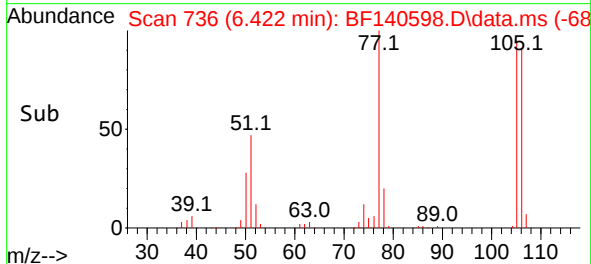
PB165152BS



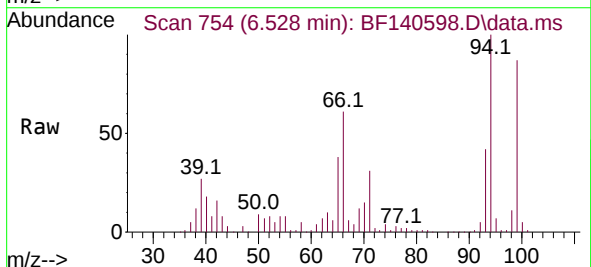
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Ion Ratio Lower Upper
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105 94.9 75.6 115.6
106 91.1 72.0 112.0

Manual Integrations
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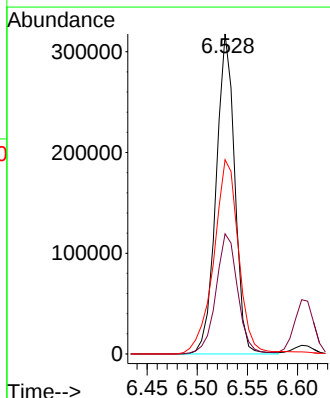
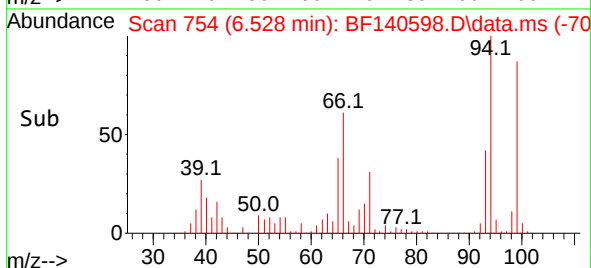
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 52.277 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion: 94 Resp: 410774
Ion Ratio Lower Upper
94 100
65 37.6 17.2 57.2
66 60.7 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 51.973 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

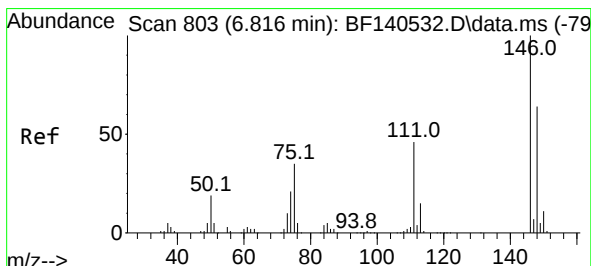
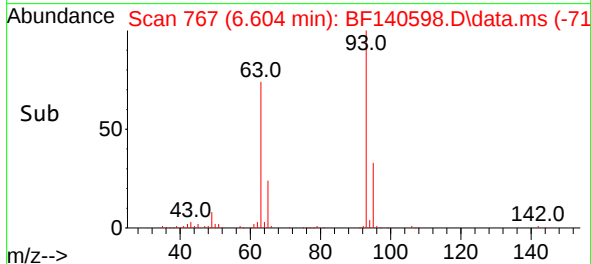
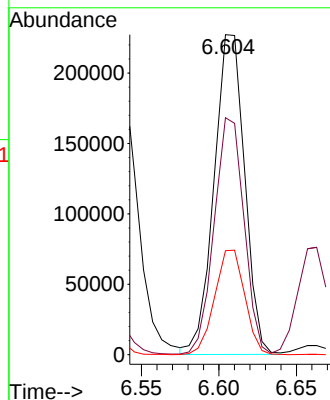
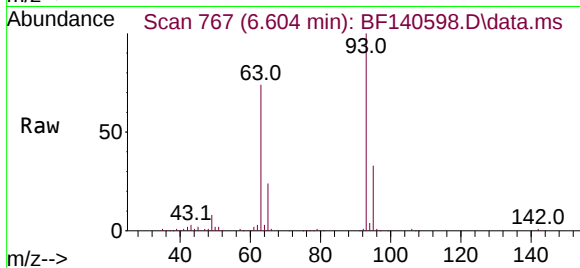
Tgt Ion: 93	Resp: 31250
Ion Ratio	Lower Upper
93 100	
63 74.0	52.8 92.8
95 32.5	12.3 52.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 49.740 ng

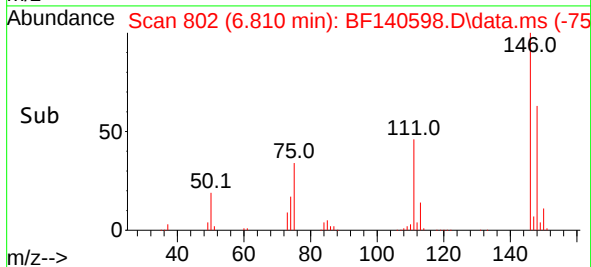
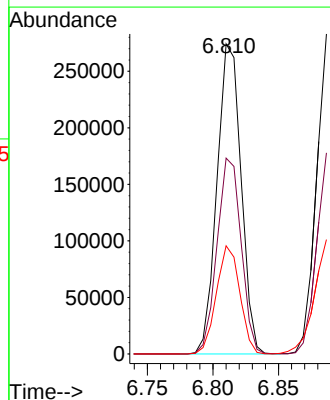
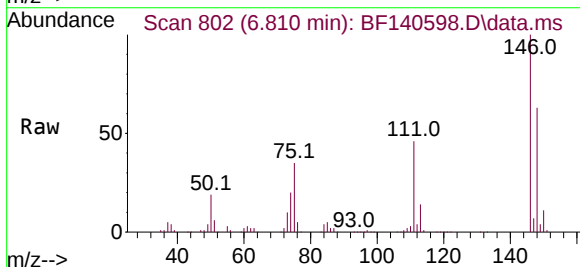
RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion:146	Resp: 349953
Ion Ratio	Lower Upper
146 100	
148 63.2	51.3 76.9
75 34.9	28.2 42.2





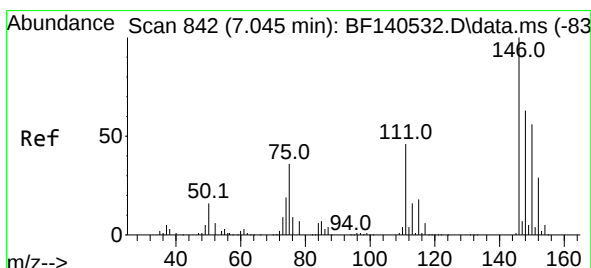
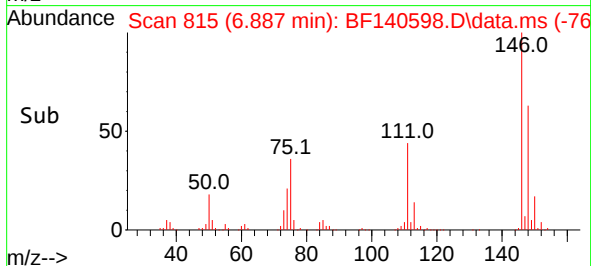
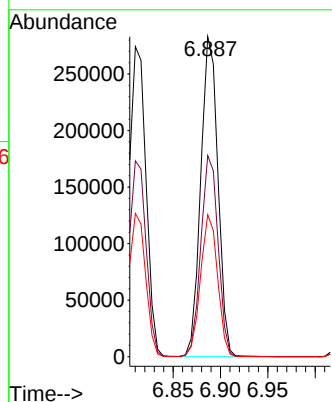
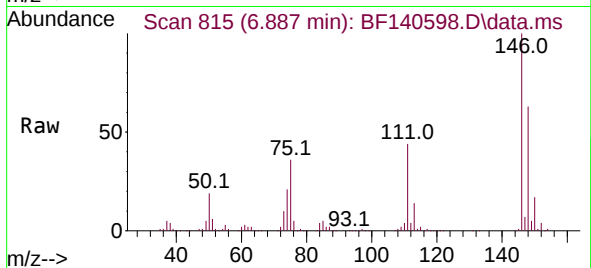
#13
1,4-Dichlorobenzene
Concen: 50.061 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB165152BS

Tgt Ion:146 Resp: 356620
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 44.3 35.3 52.9

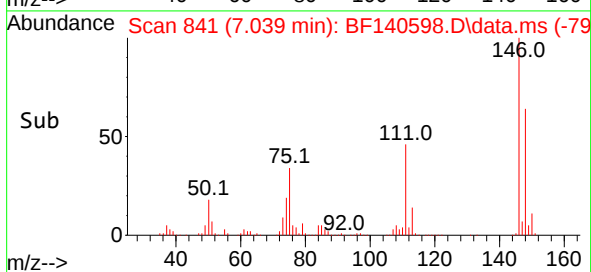
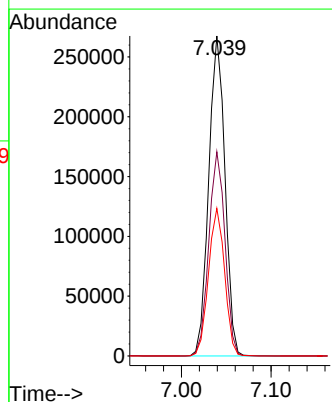
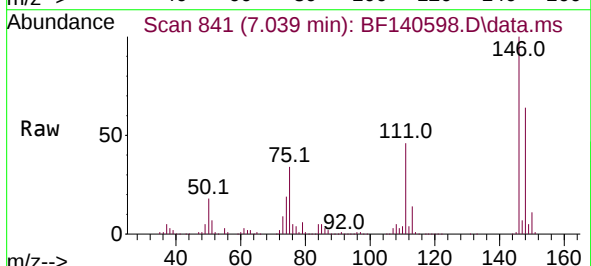
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 50.331 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

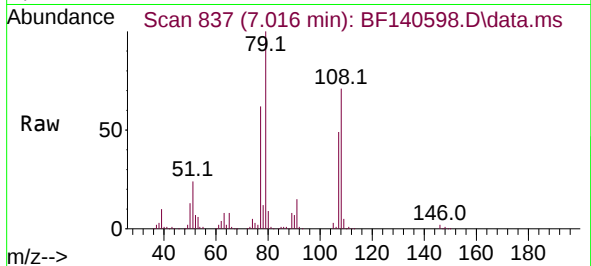
Tgt Ion:146 Resp: 335974
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 53.782 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

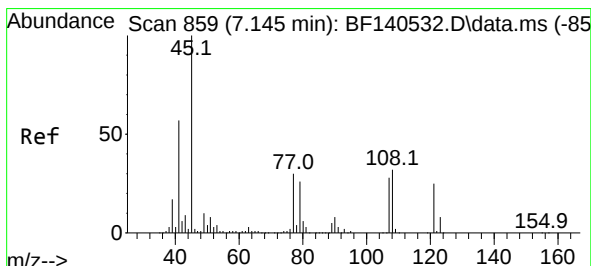
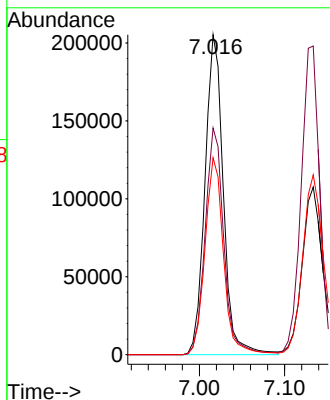
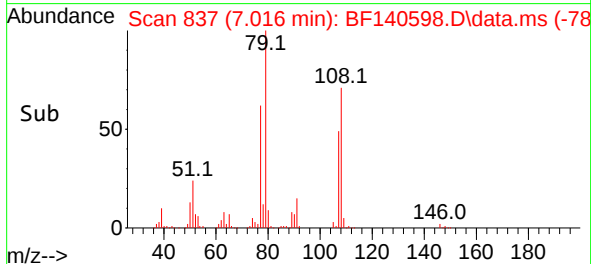
Instrument :
BNA_F
ClientSampleId :
PB165152BS



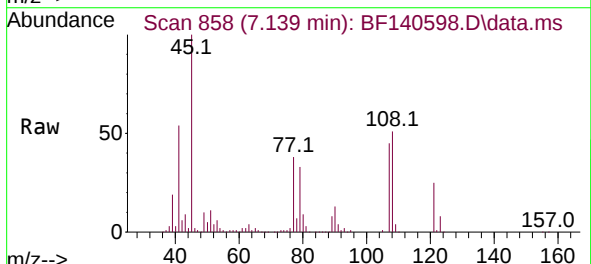
Tgt Ion: 79 Resp: 306879
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 61.6 50.1 75.1

Manual Integrations
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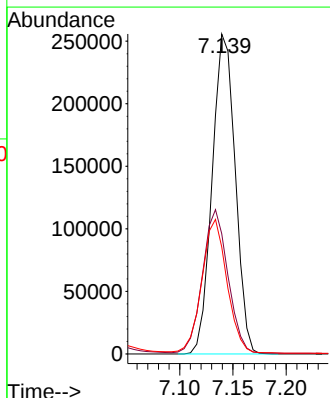
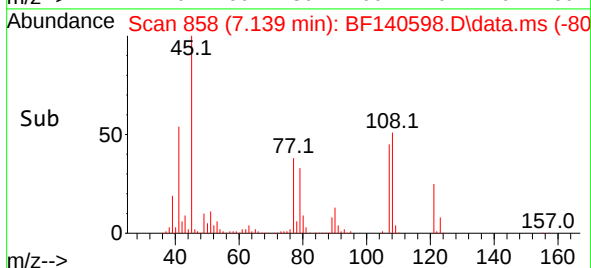
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

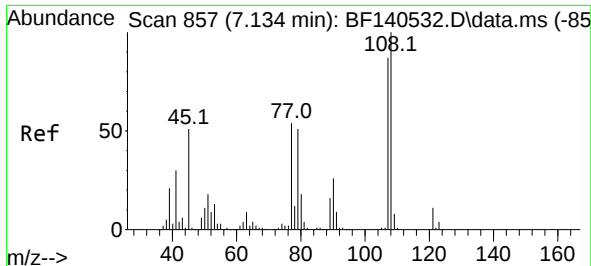


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.150 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion: 45 Resp: 384656
Ion Ratio Lower Upper
45 100
77 37.6 10.7 50.7
79 33.4 7.0 47.0





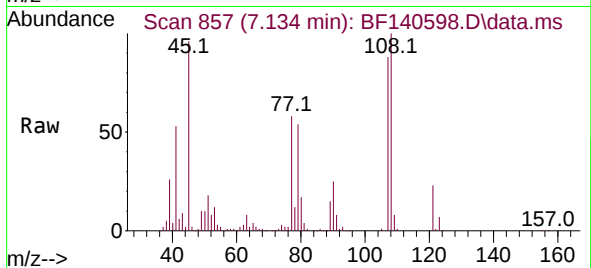
#17
2-Methylphenol
Concen: 51.987 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



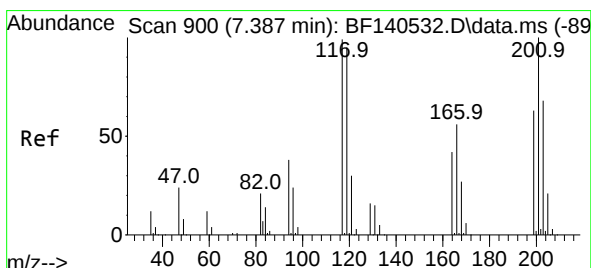
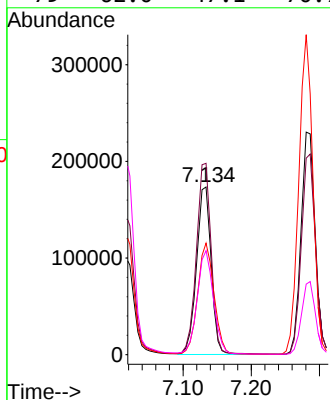
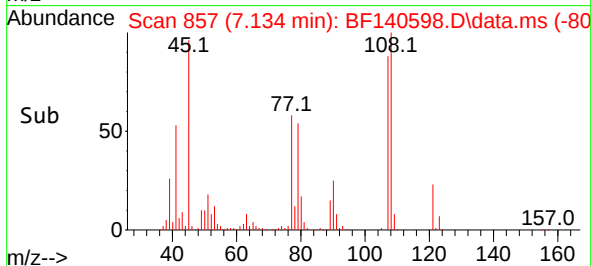
Tgt Ion:107 Resp: 26056
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 66.5 49.3 73.9
79 62.0 47.1 70.7

Manual Integrations

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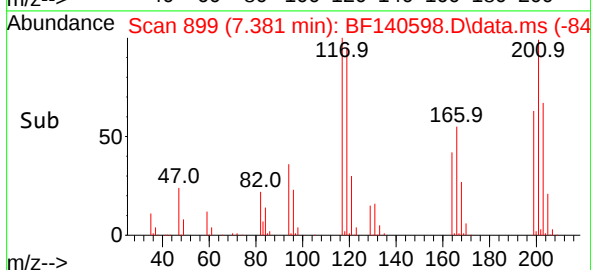
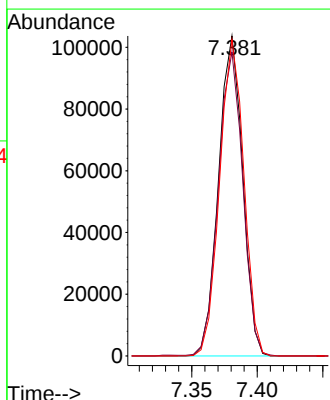
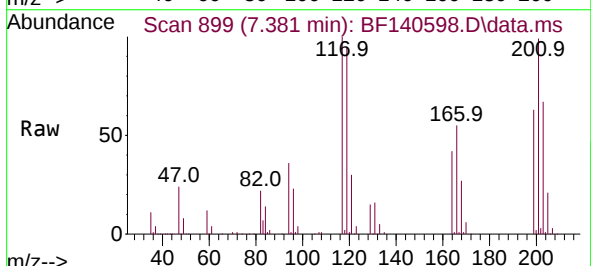
Reviewed By :Yogesh Patel 11/27/2024

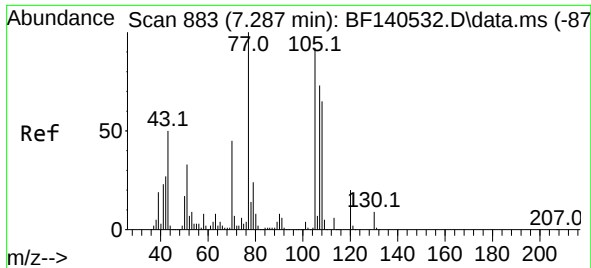
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 49.826 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:117 Resp: 132570
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 98.9 81.1 121.7





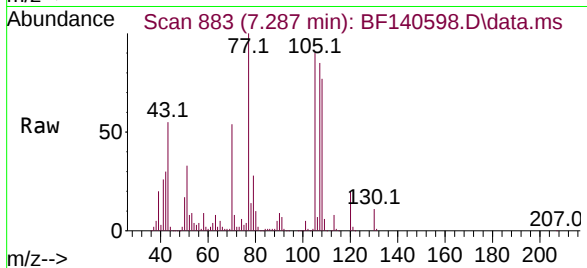
#19
n-Nitroso-di-n-propylamine
Concen: 51.958 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

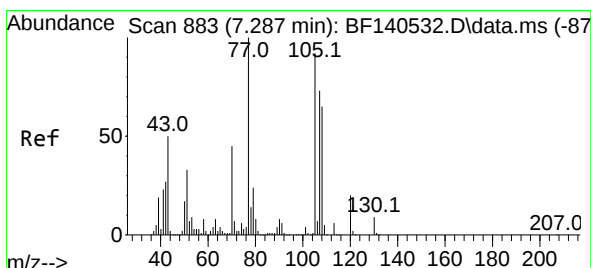
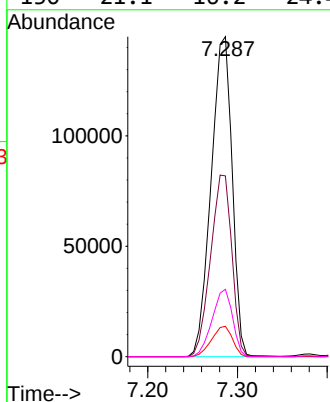
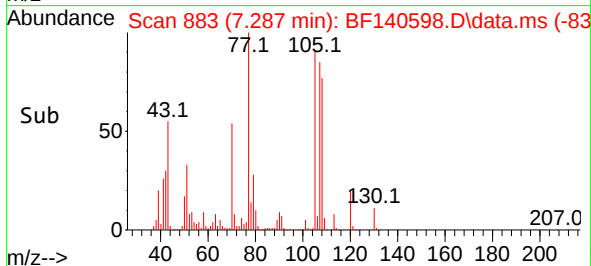
PB165152BS



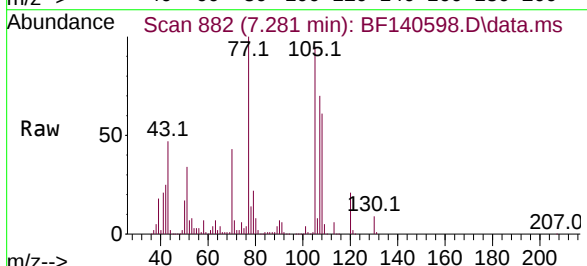
Tgt Ion: 70 Resp: 236264
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 9.5 7.6 11.4
130 21.1 16.2 24.4

Manual Integrations
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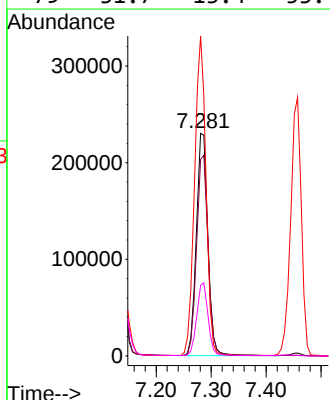
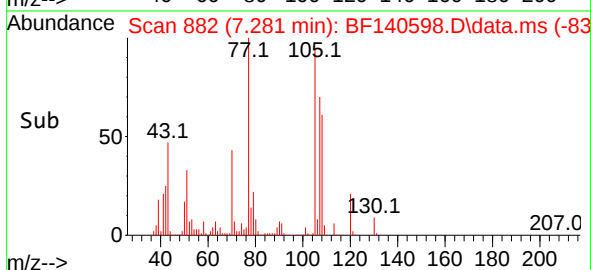
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

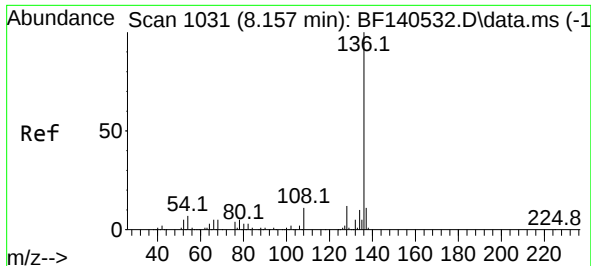


#20
3+4-Methylphenols
Concen: 52.072 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:107 Resp: 335470
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 143.8 117.7 157.7
79 31.7 13.4 53.4





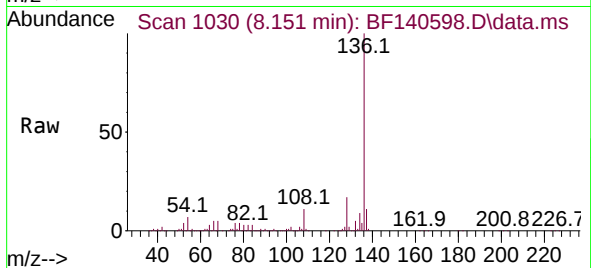
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



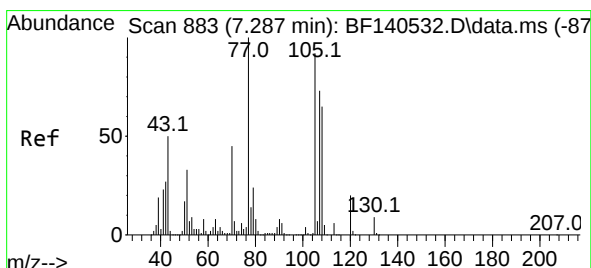
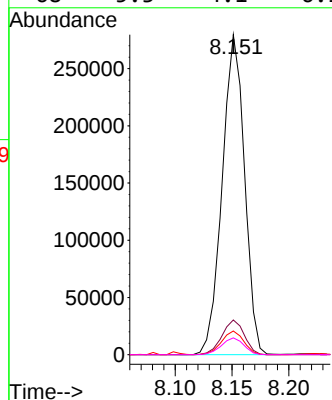
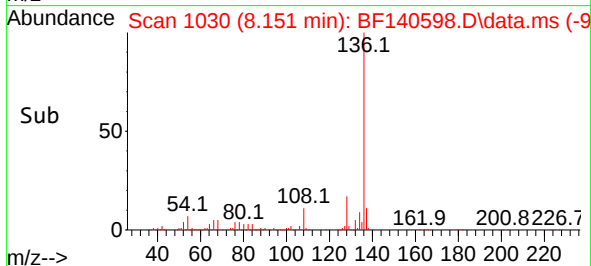
Tgt Ion:136 Resp: 382649
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.4 5.8 8.8
68 5.3 4.1 6.1

Manual Integrations

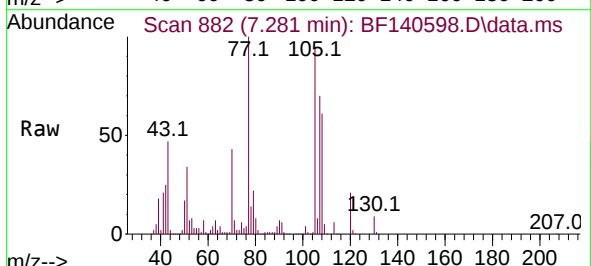
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

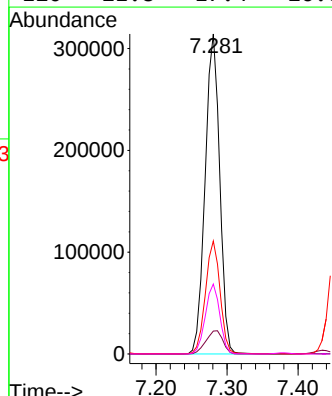
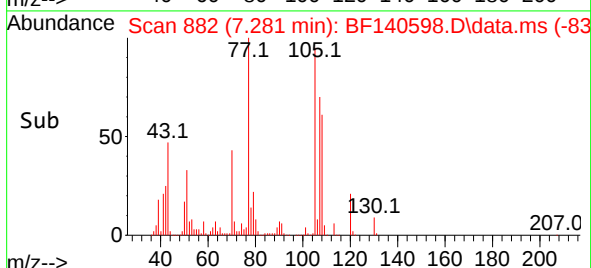
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 48.157 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:105 Resp: 449242
Ion Ratio Lower Upper
105 100
71 7.1 6.2 9.2
51 35.3 29.0 43.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 96.509 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

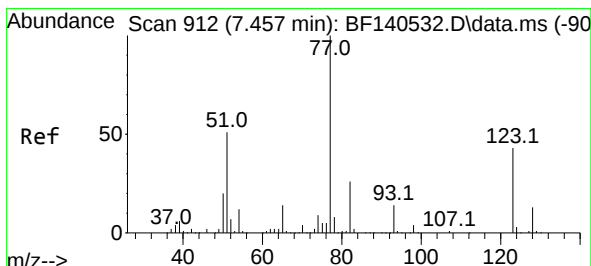
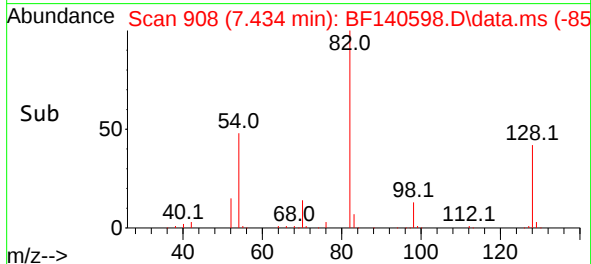
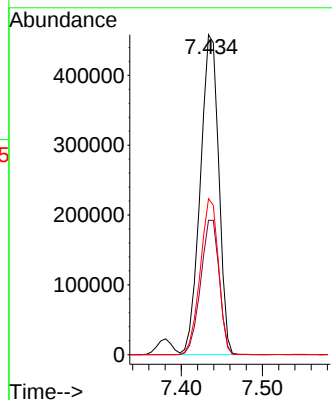
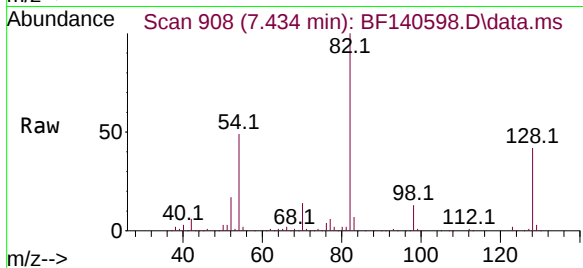
PB165152BS

Tgt Ion: 82 Resp: 721964
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.0 49.4
 54 48.8 39.5 59.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 46.677 ng

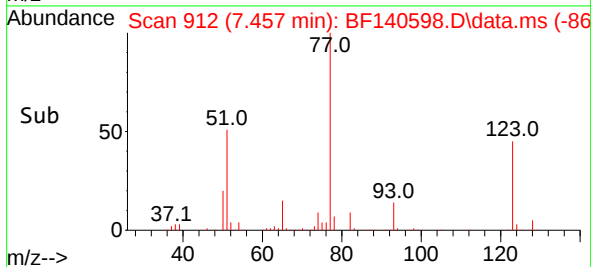
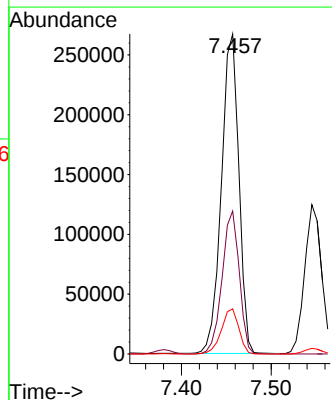
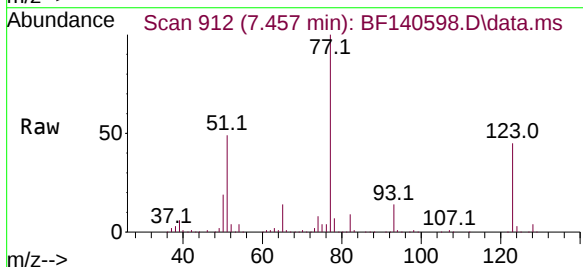
RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion: 77 Resp: 360886
 Ion Ratio Lower Upper
 77 100
 123 44.7 34.3 51.5
 65 14.1 11.2 16.8





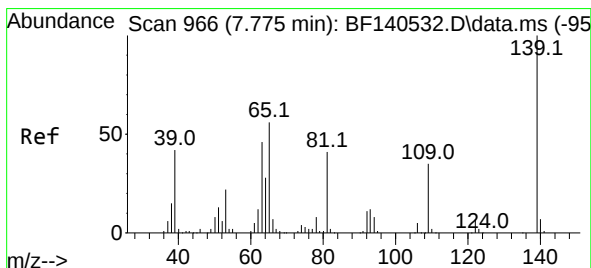
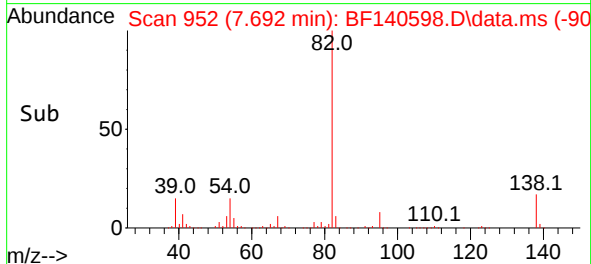
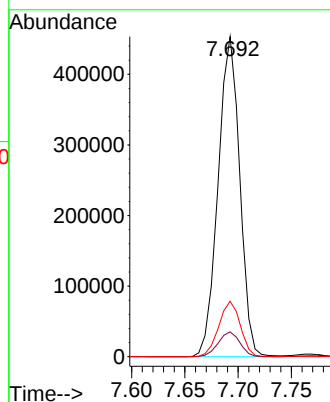
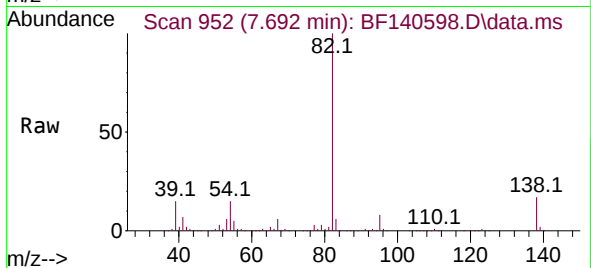
#25
Isophorone
Concen: 51.295 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB165152BS

Tgt Ion: 82 Resp: 640025
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.3 13.8 20.6

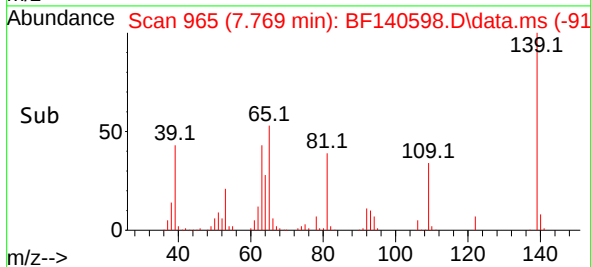
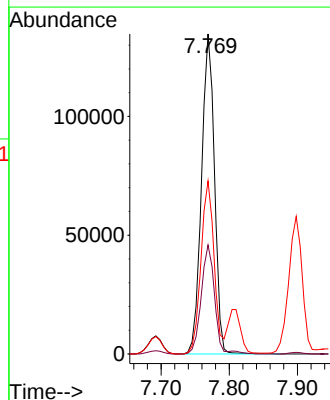
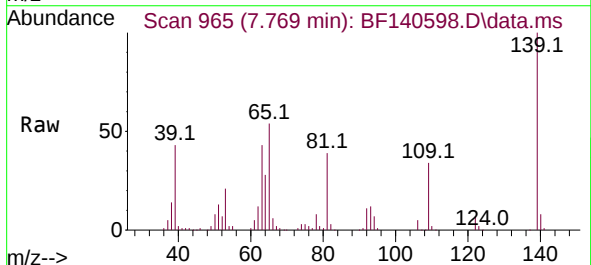
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 52.120 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:139 Resp: 178581
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 54.0 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 64.677 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

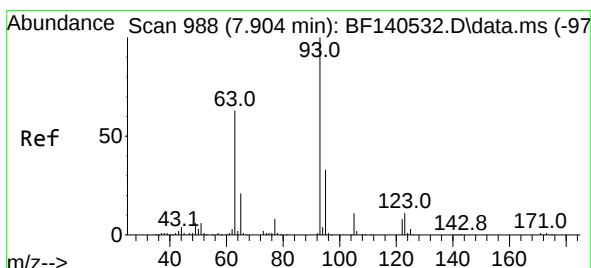
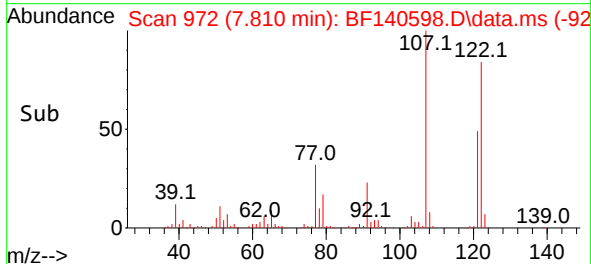
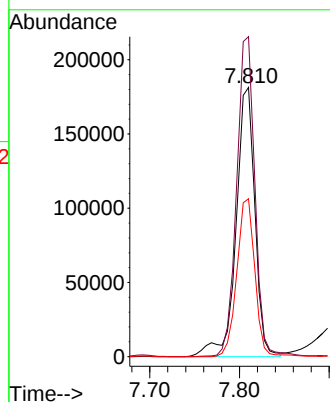
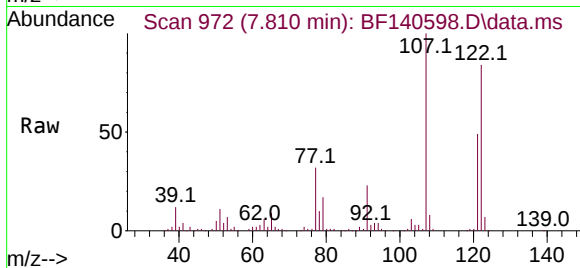
PB165152BS

Tgt Ion:122 Resp: 26514
Ion Ratio Lower Upper
122 100
107 118.8 96.8 145.2
121 58.6 47.4 71.0

Manual Integrations

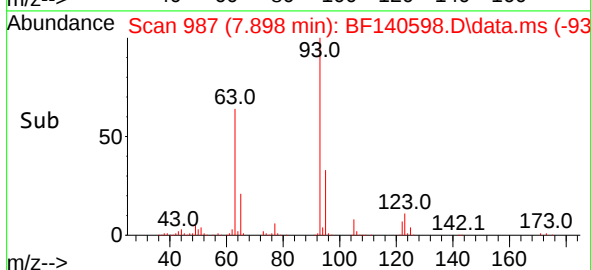
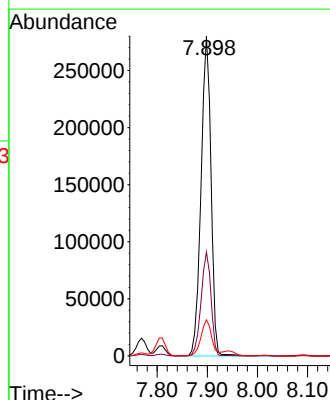
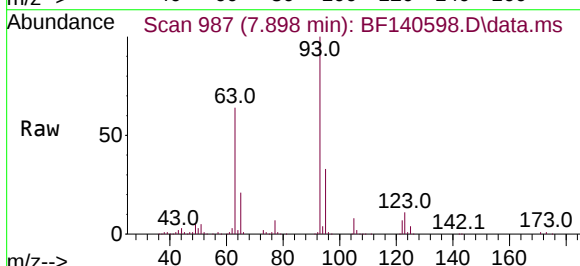
APPROVED

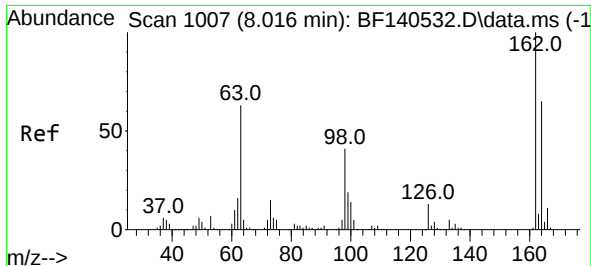
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.936 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion: 93 Resp: 387181
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.372 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

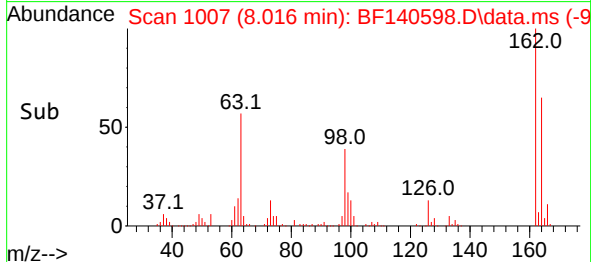
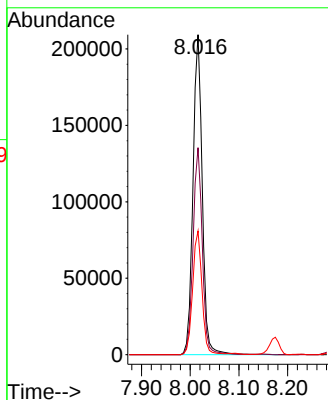
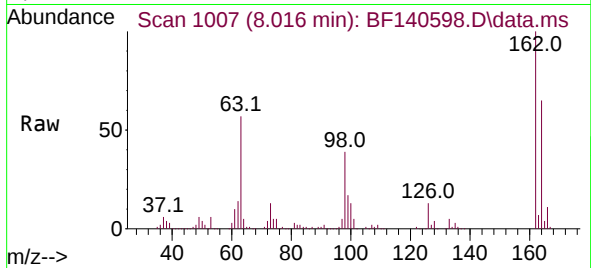
Tgt Ion:162 Resp: 279062
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.8 84.8
 98 38.6 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.440 ng

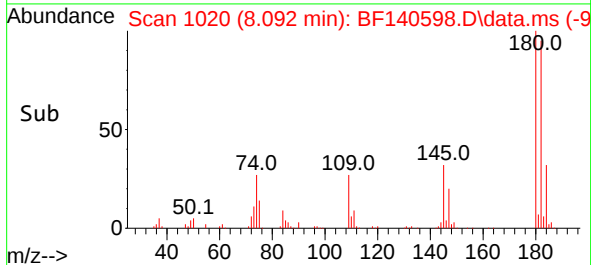
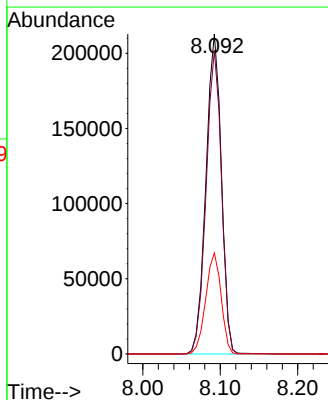
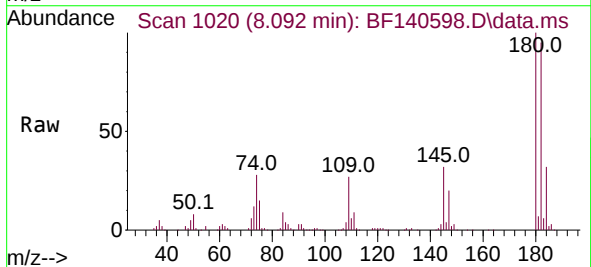
RT: 8.092 min Scan# 1020

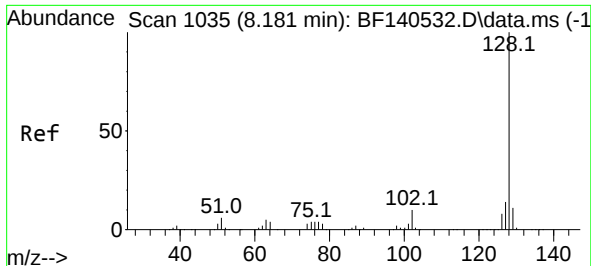
Delta R.T. -0.006 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion:180 Resp: 294239
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.4 114.6
 145 31.6 25.9 38.9





#31
Naphthalene
Concen: 48.802 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

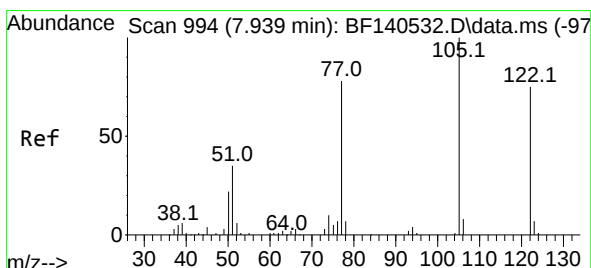
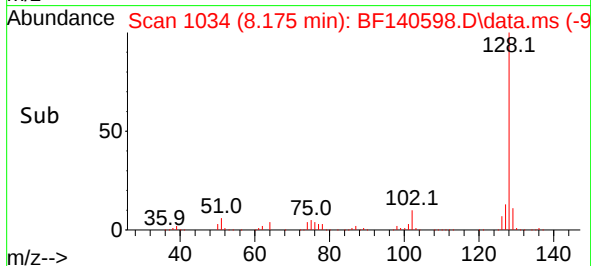
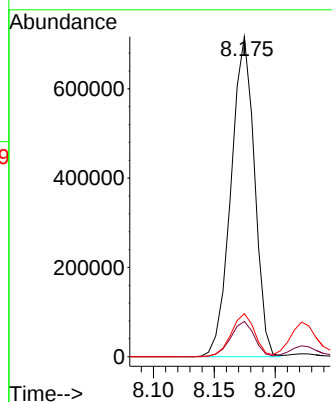
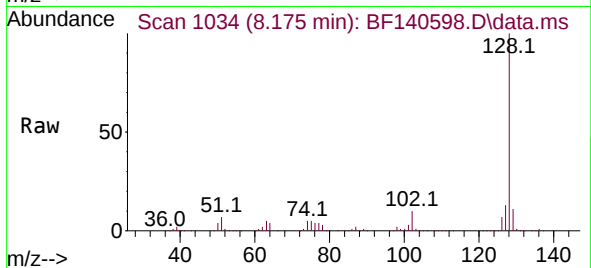
PB165152BS

Tgt Ion:128 Resp: 961872
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.8 16.2

Manual Integrations

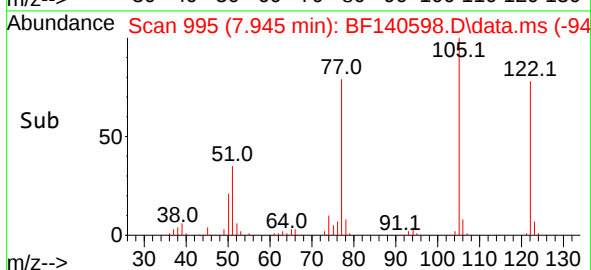
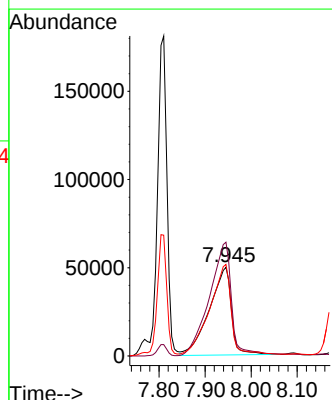
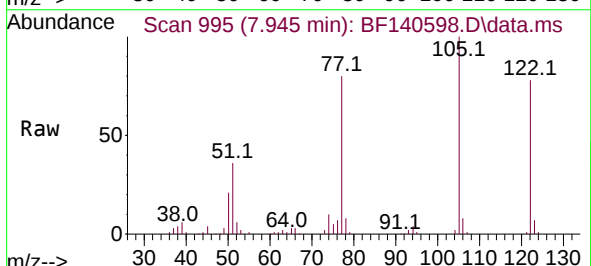
APPROVED

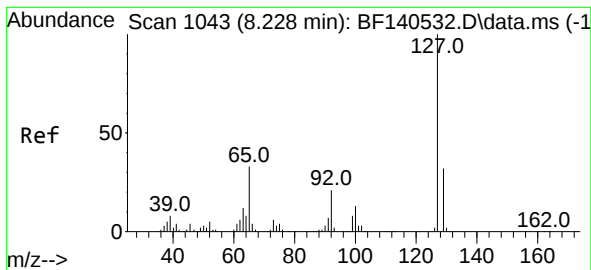
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 46.851 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:122 Resp: 166417
Ion Ratio Lower Upper
122 100
105 128.2 109.3 149.3
77 103.1 82.3 122.3





#33

4-Chloroaniline

Concen: 22.308 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

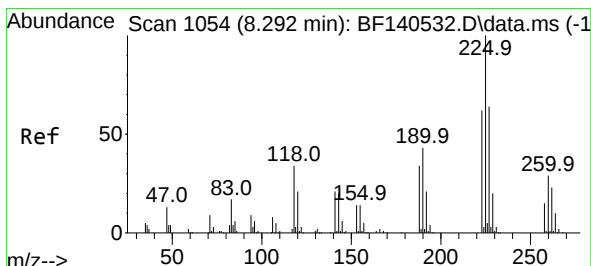
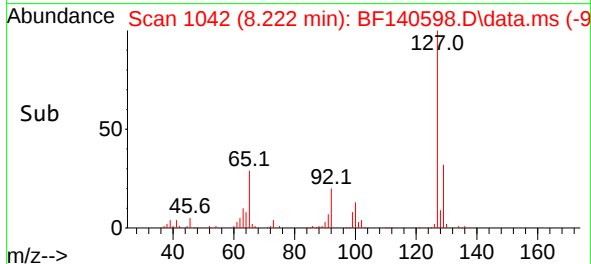
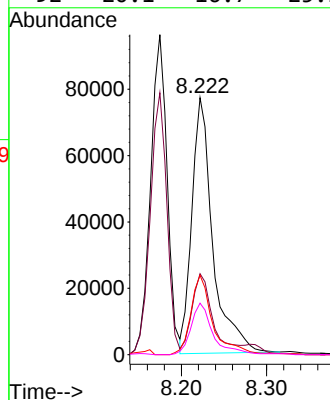
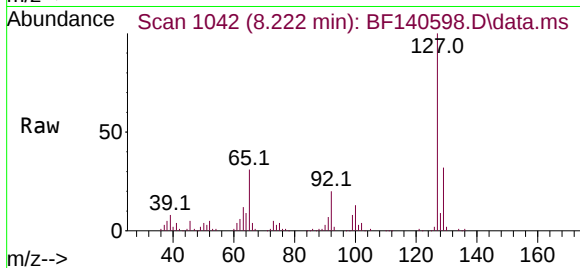
Tgt Ion:	127	Resp:	13164
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.0	39.0
65	30.9	26.0	39.0
92	20.1	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#34

Hexachlorobutadiene

Concen: 48.161 ng

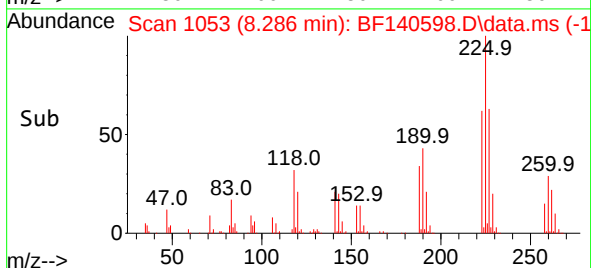
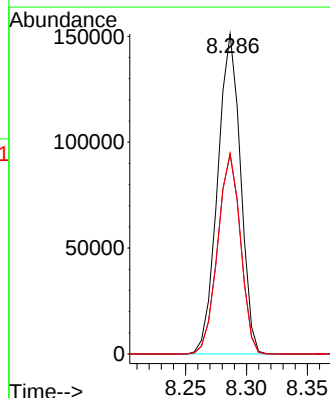
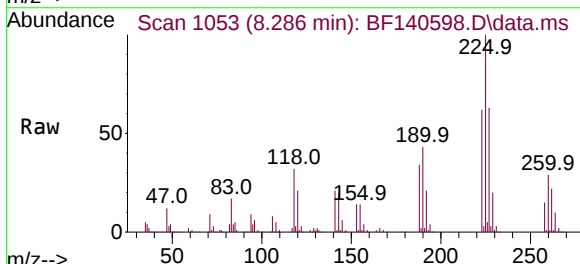
RT: 8.286 min Scan# 1053

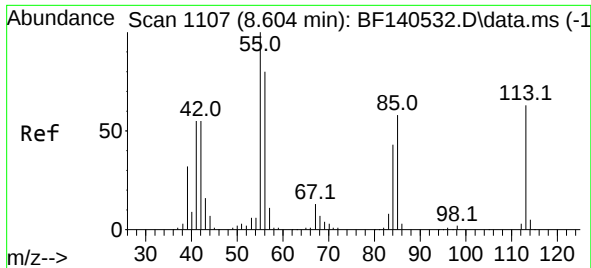
Delta R.T. -0.006 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion:	225	Resp:	197852
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	62.7	51.3	76.9





#35
Caprolactam
Concen: 51.517 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

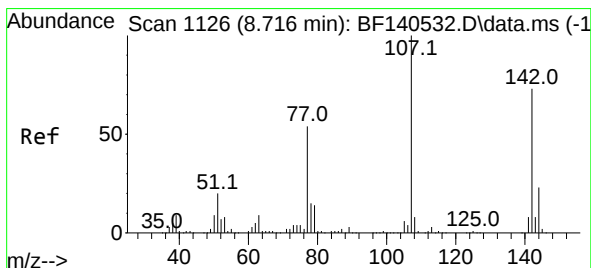
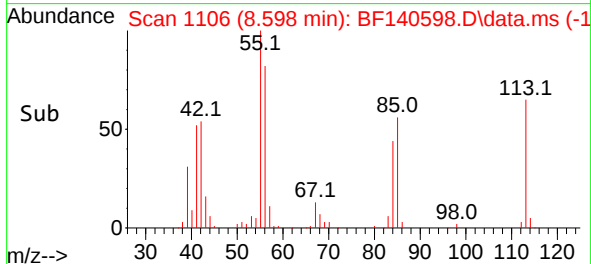
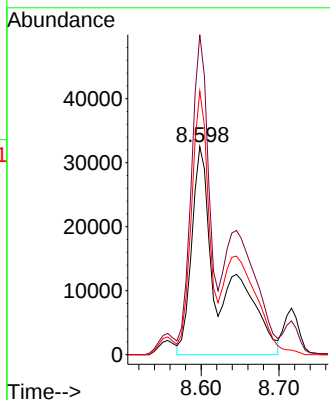
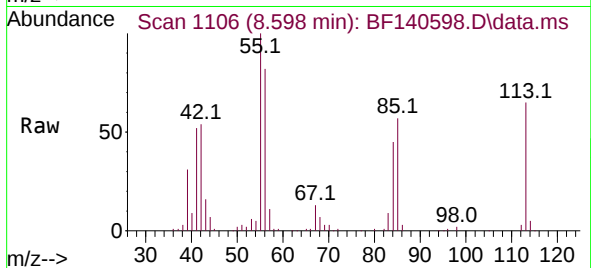
ClientSampleId :

PB165152BS

Tgt Ion:113 Resp: 86604
Ion Ratio Lower Upper
113 100
55 153.8 137.7 177.7
56 126.7 106.4 146.4

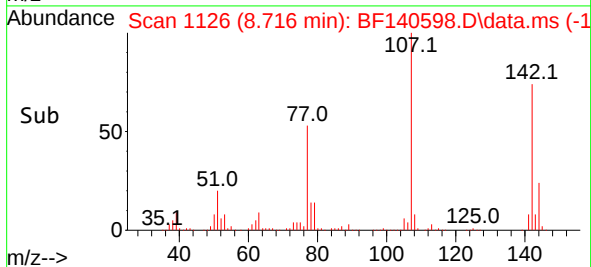
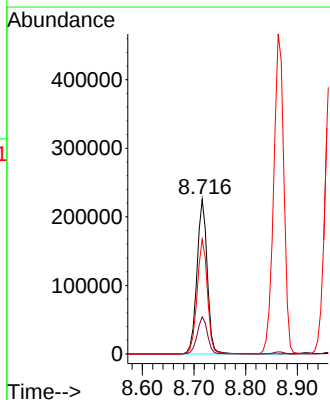
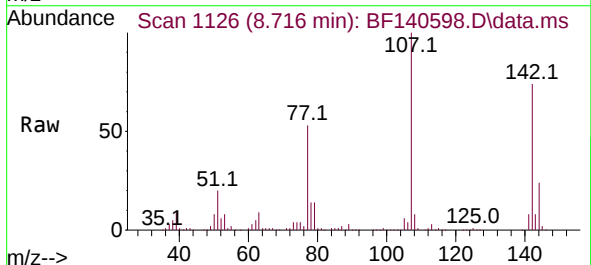
Manual Integrations
APPROVED

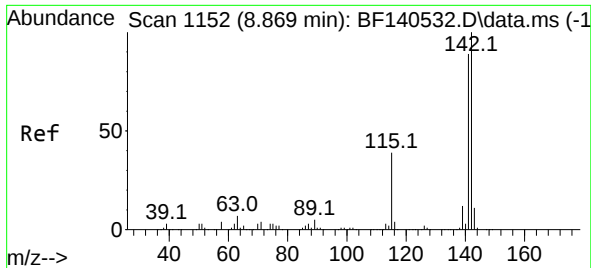
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 51.259 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:107 Resp: 311756
Ion Ratio Lower Upper
107 100
144 24.0 18.7 28.1
142 74.2 58.3 87.5





#37
2-Methylnaphthalene
Concen: 50.805 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

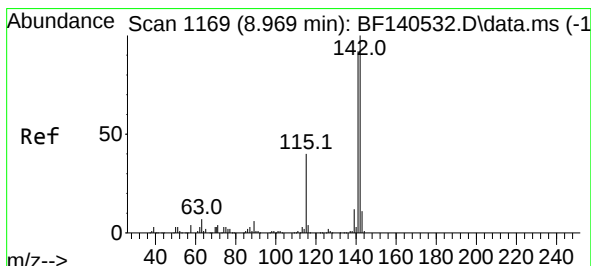
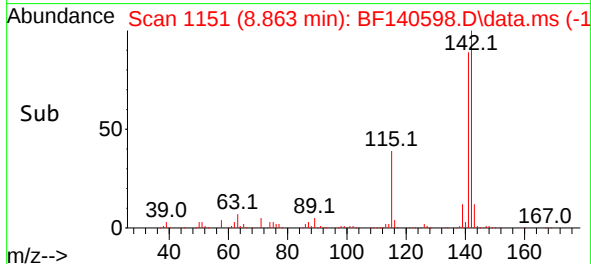
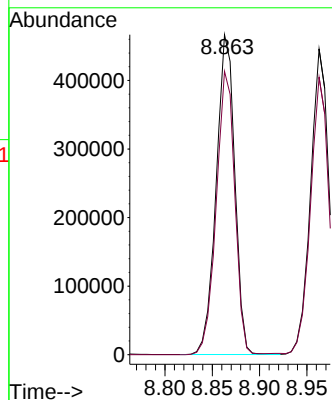
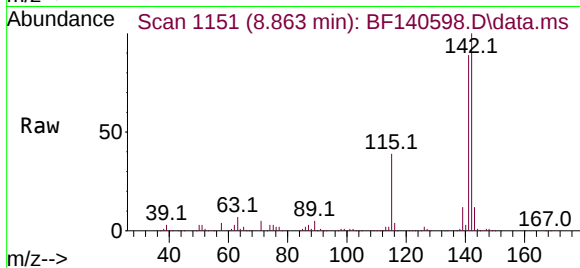
ClientSampleId :

PB165152BS

Tgt Ion:142 Resp: 63601
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

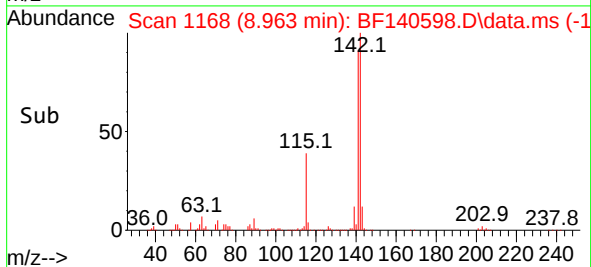
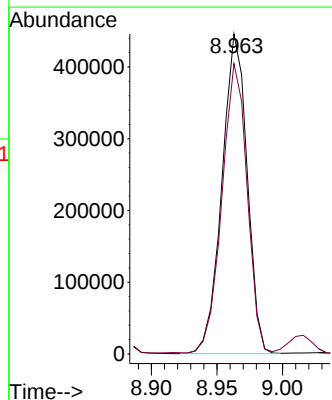
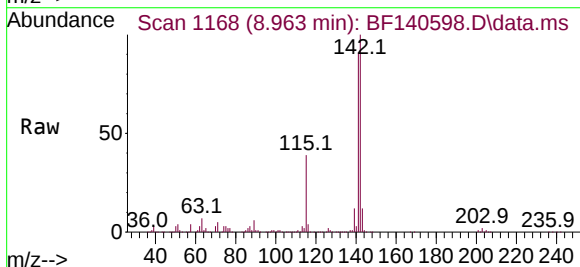
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 48.376 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:142 Resp: 593614
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9





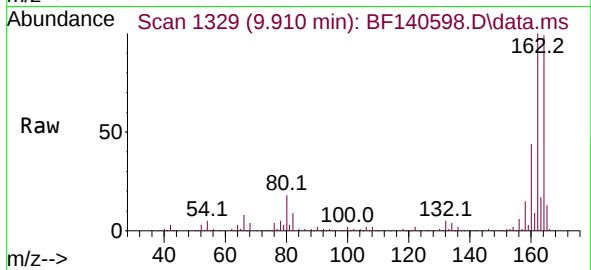
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



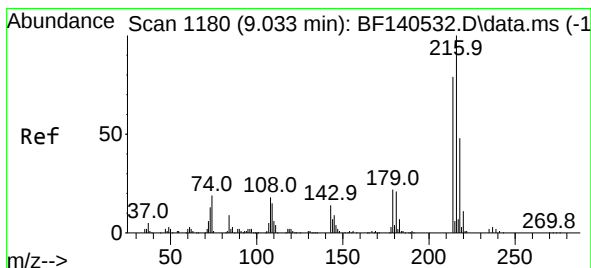
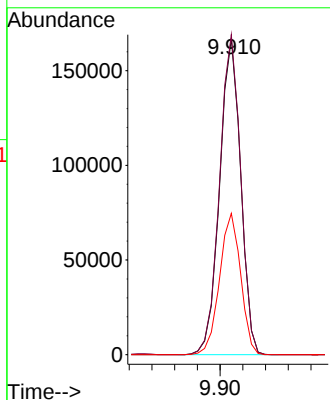
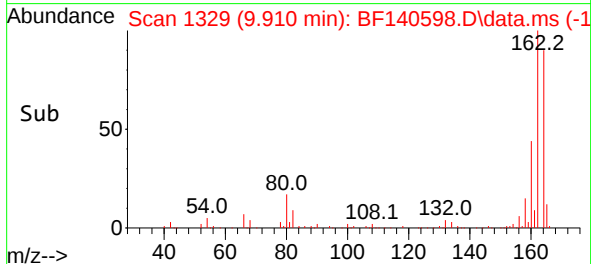
Tgt Ion:164 Resp: 21447
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.7 36.2 54.4

Manual Integrations

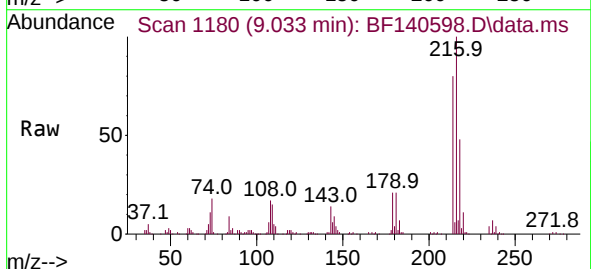
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

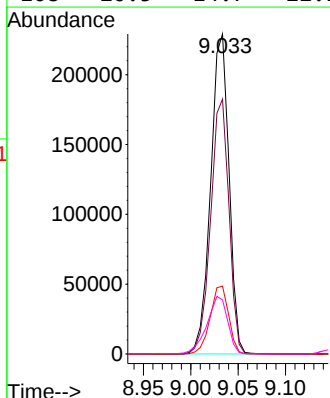
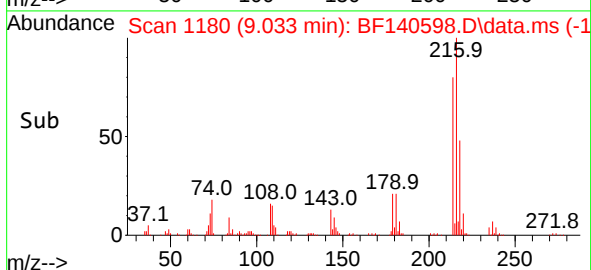
Supervised By :mohammad ahmed 11/27/2024

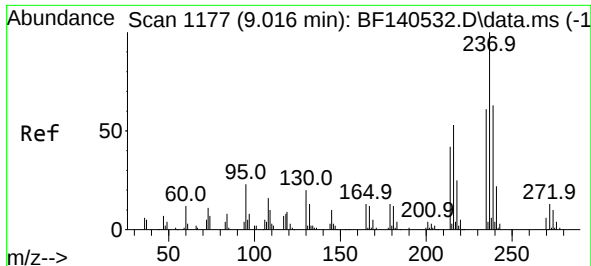


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.990 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:216 Resp: 307592
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.4
179 21.5 17.5 26.3
108 20.5 14.7 22.1





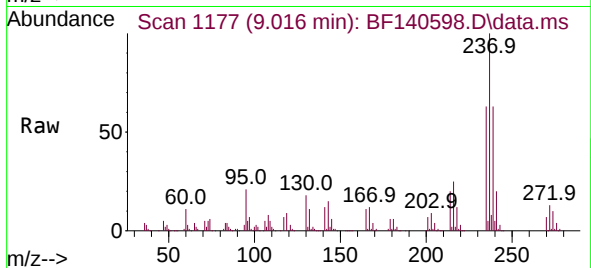
#41
Hexachlorocyclopentadiene
Concen: 193.715 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

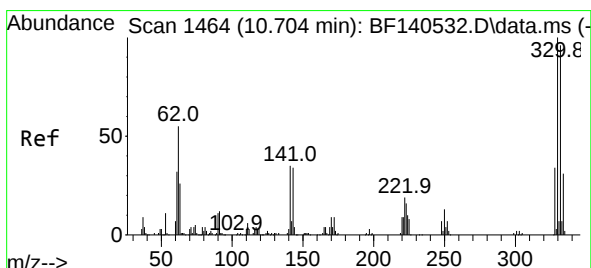
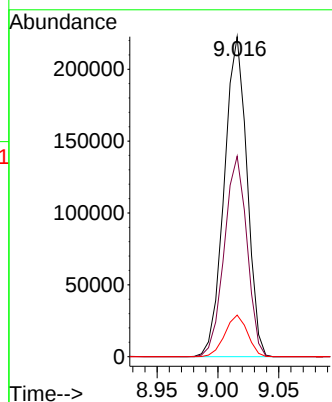
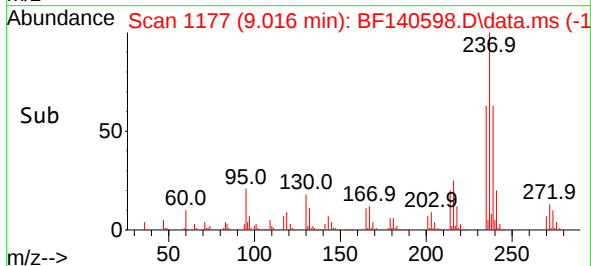


Tgt Ion:237 Resp: 28948
Ion Ratio Lower Upper
237 100
235 62.6 41.1 81.1
272 13.0 0.0 32.6

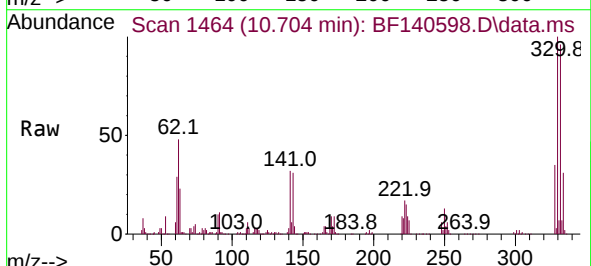
Manual Integrations

APPROVED

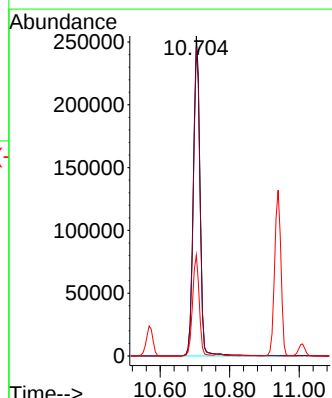
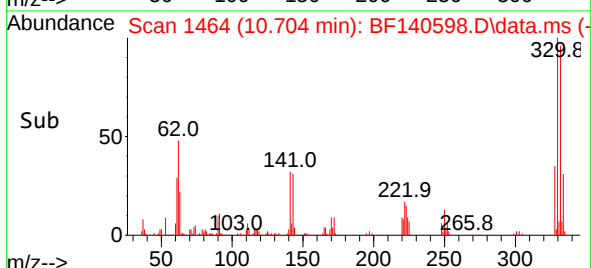
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

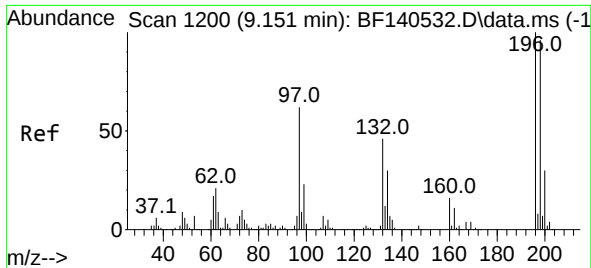


#42
2,4,6-Tribromophenol
Concen: 149.058 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:330 Resp: 341909
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 31.2 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 50.949 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

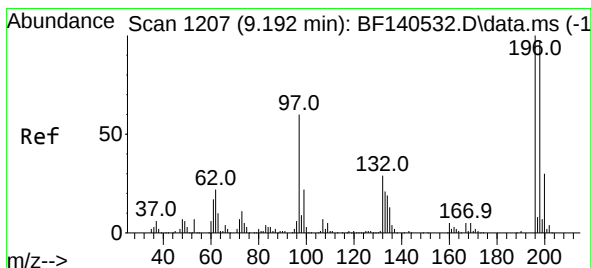
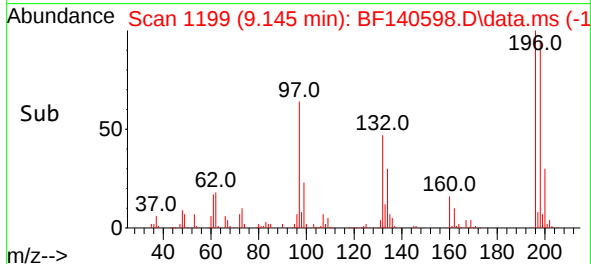
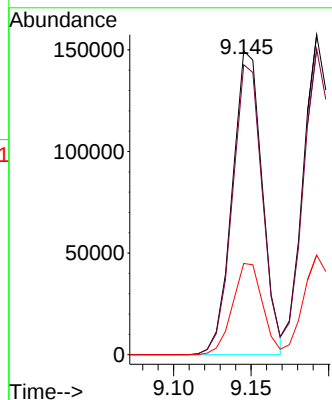
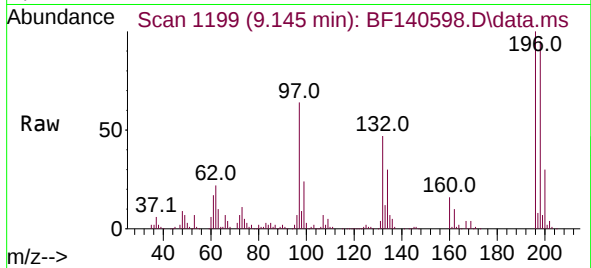
PB165152BS

Tgt Ion:196 Resp: 200728
Ion Ratio Lower Upper
196 100
198 95.4 76.8 115.2
200 30.0 24.3 36.5

Manual Integrations

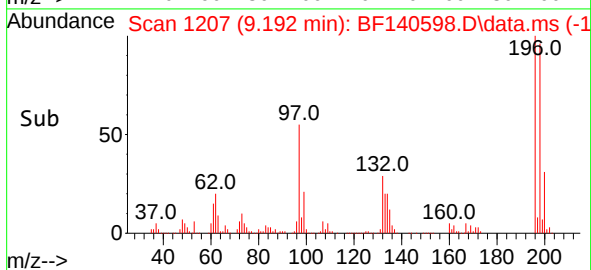
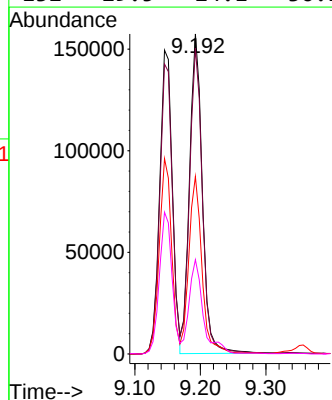
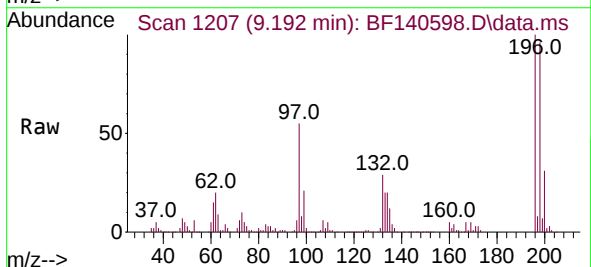
APPROVED

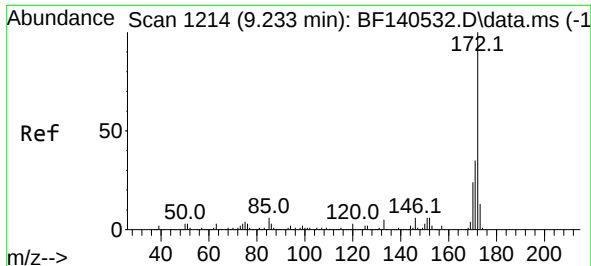
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 49.984 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:196 Resp: 213723
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 55.5 47.1 70.7
132 29.5 24.1 36.1





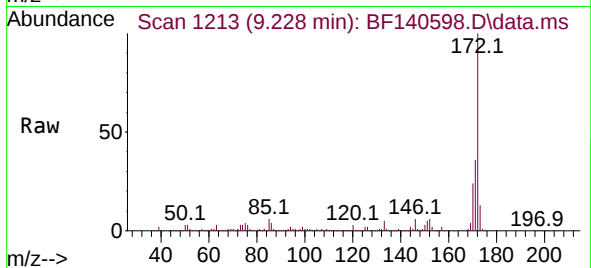
#45
2-Fluorobiphenyl
Concen: 96.257 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



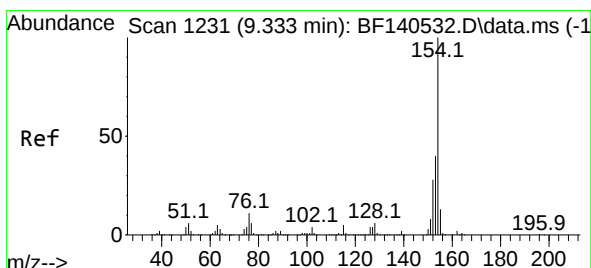
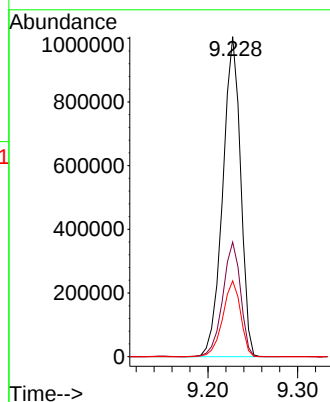
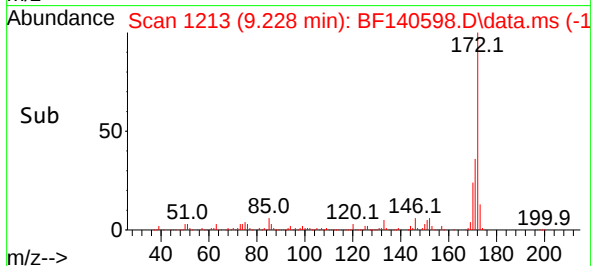
Tgt Ion:172 Resp: 138558
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.0 28.6

Manual Integrations

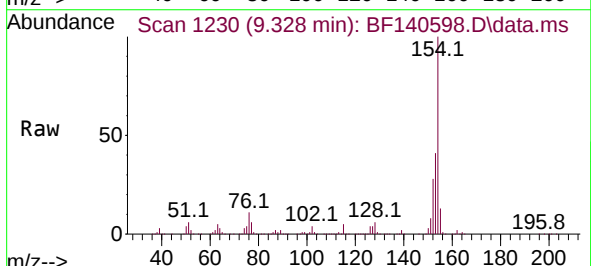
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

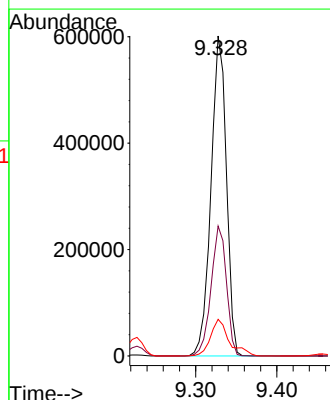
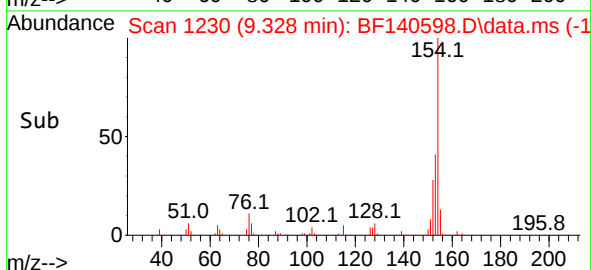
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 49.449 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:154 Resp: 791809
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.807 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

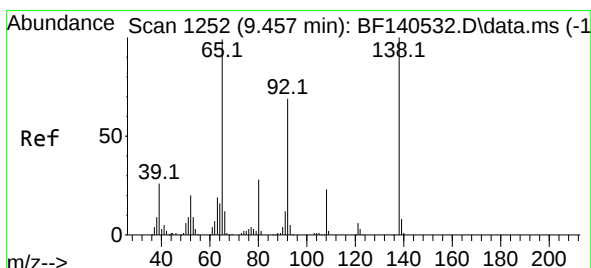
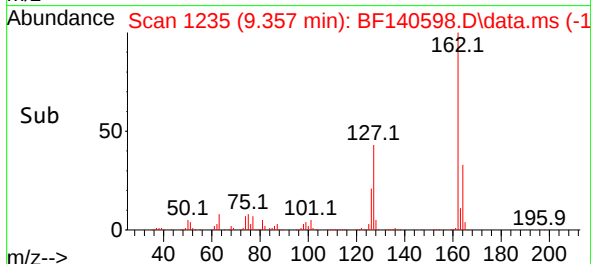
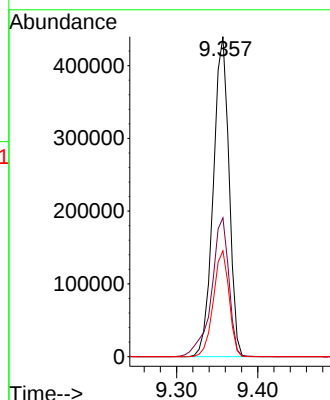
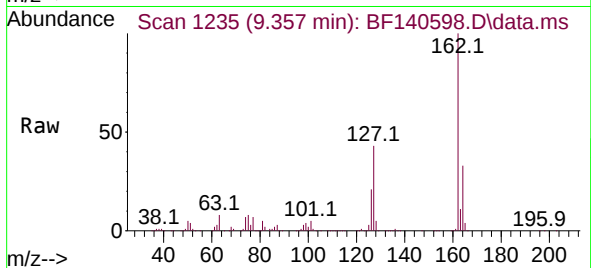
Tgt Ion:162 Resp: 59218
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.7 53.5
 164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 51.102 ng

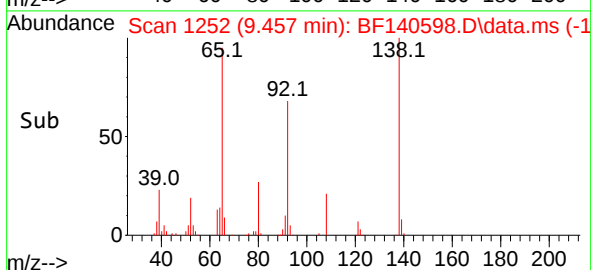
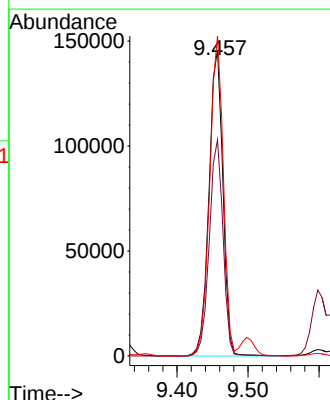
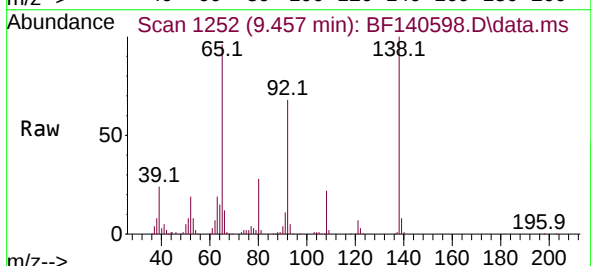
RT: 9.457 min Scan# 1252

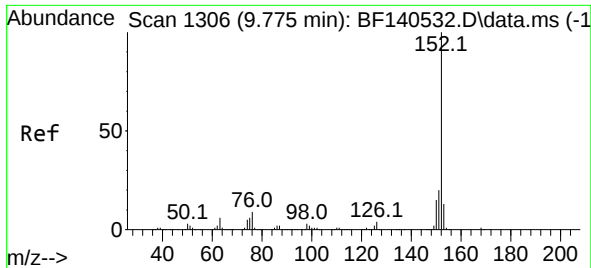
Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion: 65 Resp: 199018
 Ion Ratio Lower Upper
 65 100
 92 70.7 56.1 84.1
 138 104.6 81.0 121.6





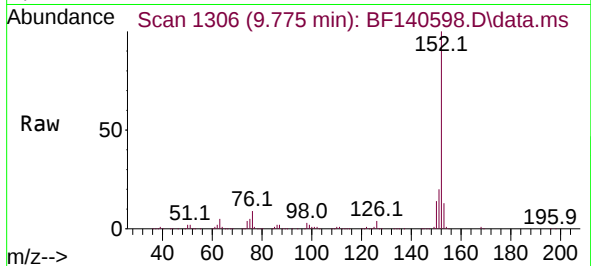
#49
Acenaphthylene
Concen: 53.347 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



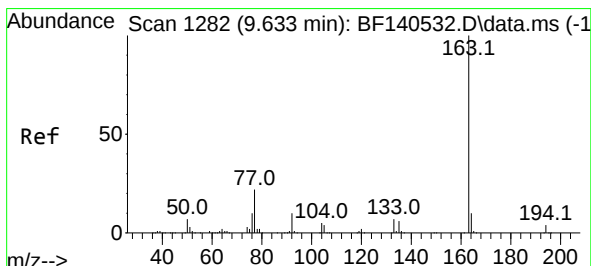
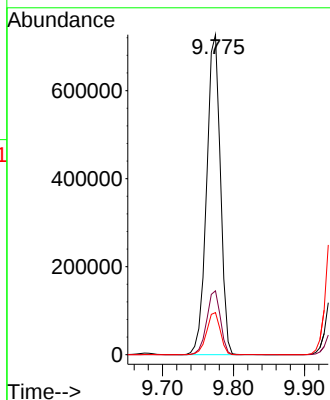
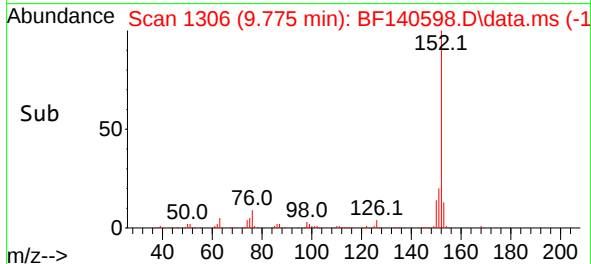
Tgt Ion:152 Resp: 977979
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

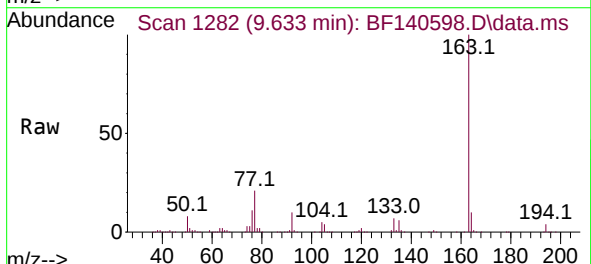
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

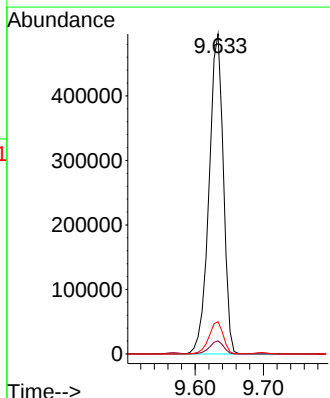
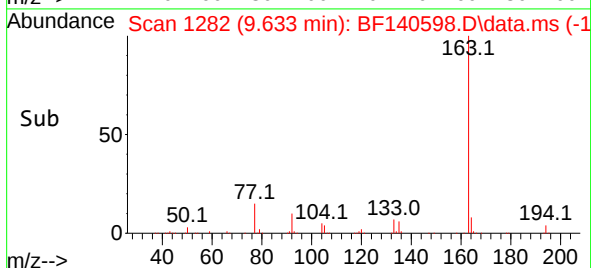
Supervised By :mohammad ahmed 11/27/2024

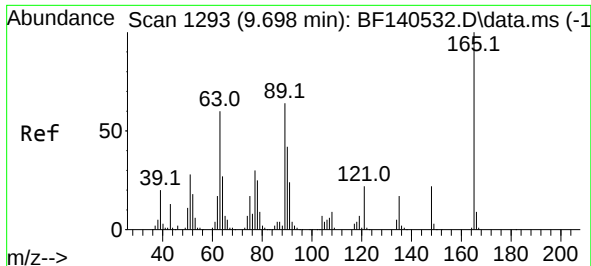


#50
Dimethylphthalate
Concen: 51.275 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:163 Resp: 724262
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.2





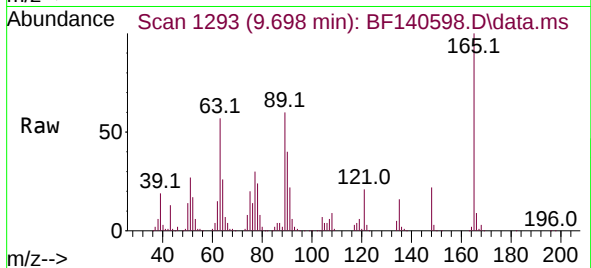
#51
2,6-Dinitrotoluene
Concen: 49.336 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



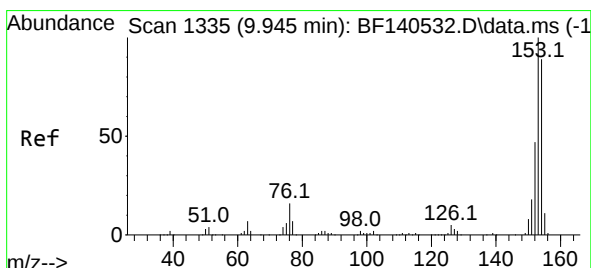
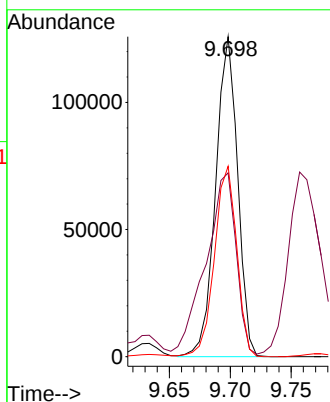
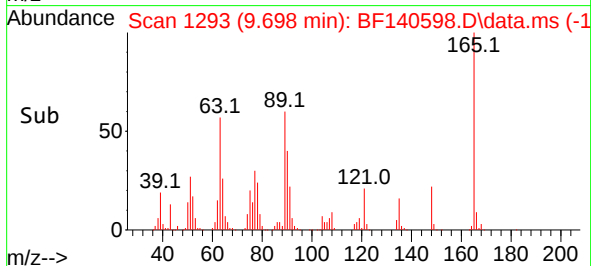
Tgt Ion:165 Resp: 158048
Ion Ratio Lower Upper
165 100
63 57.5 49.9 74.9
89 59.5 50.9 76.3

Manual Integrations

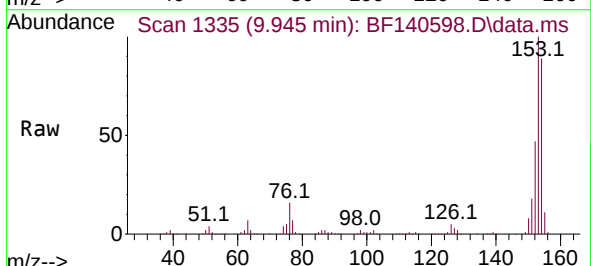
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

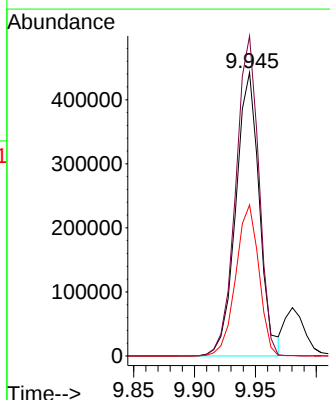
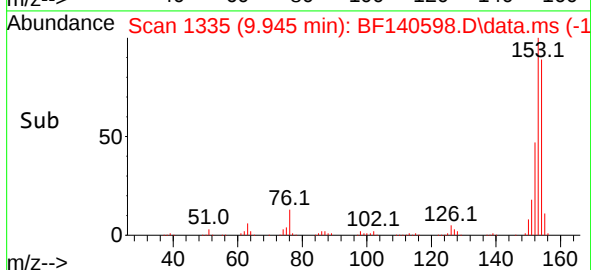
Supervised By :mohammad ahmed 11/27/2024

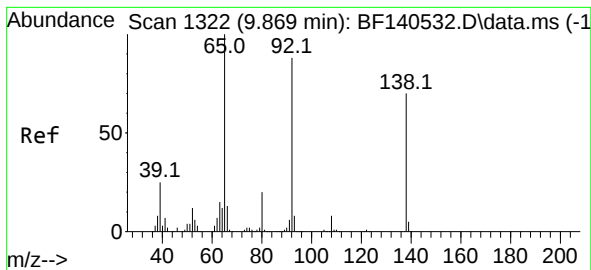


#52
Acenaphthene
Concen: 51.187 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:154 Resp: 596240
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 53.3 42.5 63.7





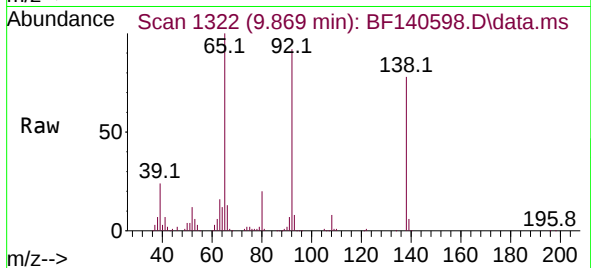
#53
3-Nitroaniline
Concen: 32.114 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



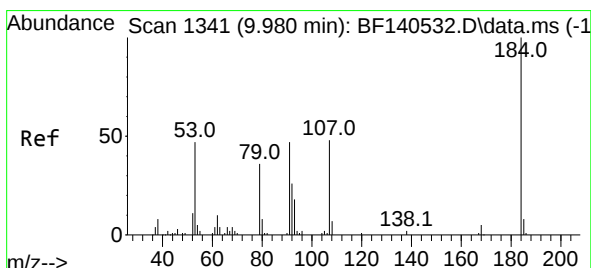
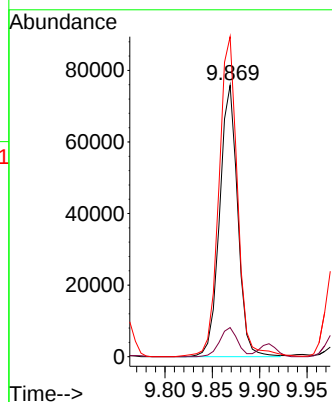
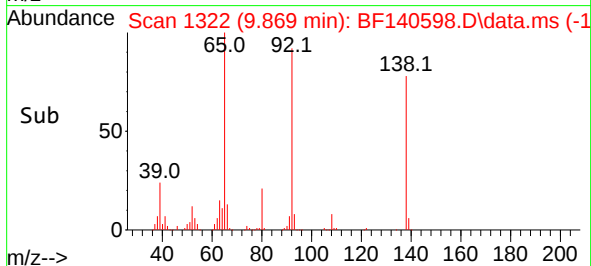
Tgt Ion:138 Resp: 100618
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 117.9 100.6 150.8

Manual Integrations

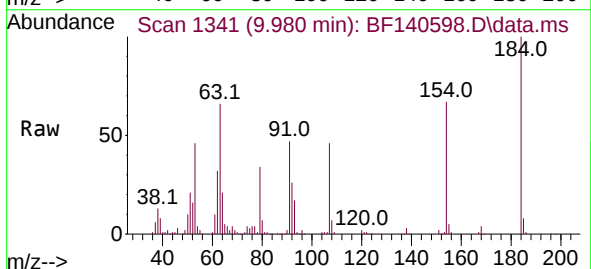
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

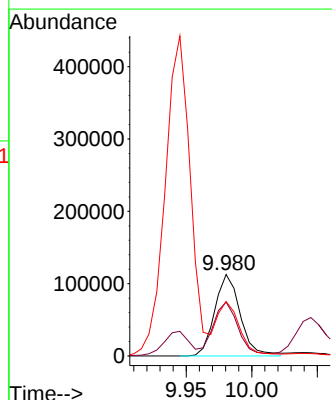
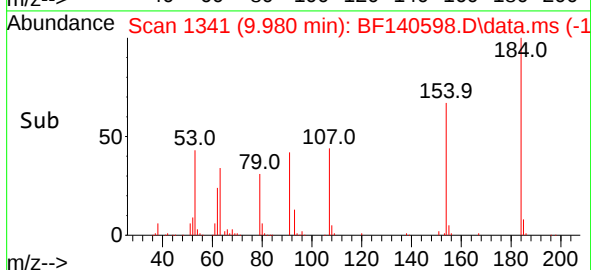
Supervised By :mohammad ahmed 11/27/2024

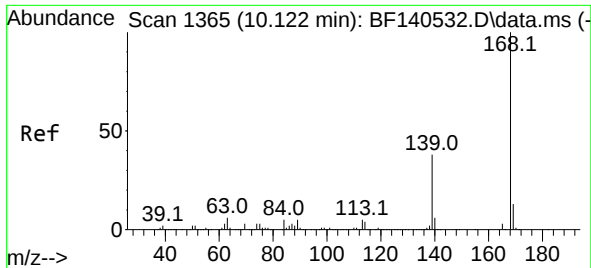


#54
2,4-Dinitrophenol
Concen: 90.766 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:184 Resp: 152527
Ion Ratio Lower Upper
184 100
63 66.2 54.1 81.1
154 66.9 57.4 86.0





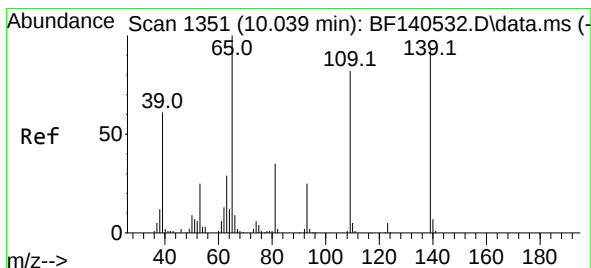
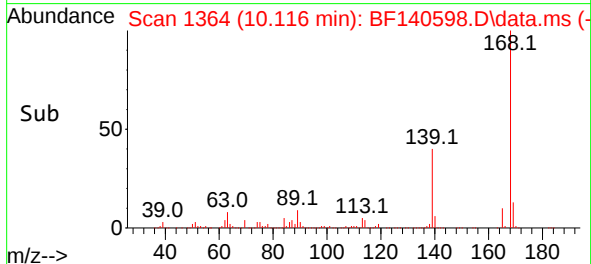
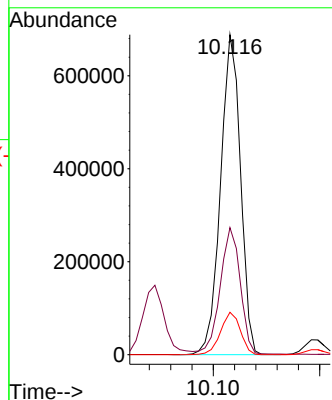
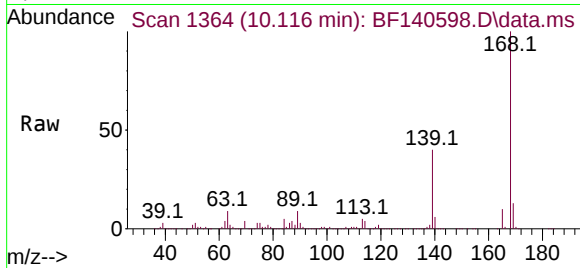
#55
Dibenzenofuran
Concen: 50.306 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB165152BS

Tgt Ion:168 Resp: 89380
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.3 10.5 15.7

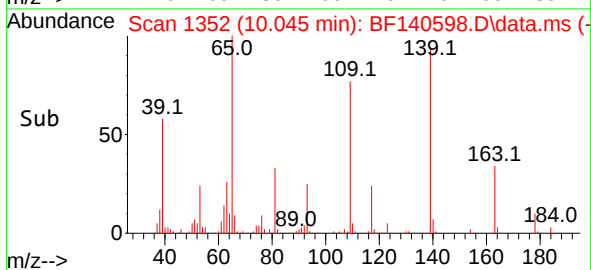
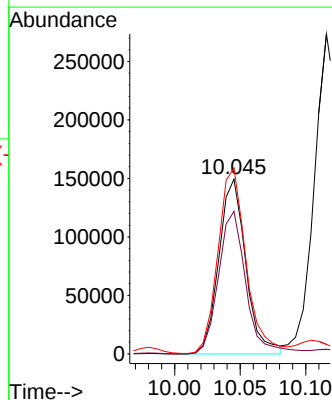
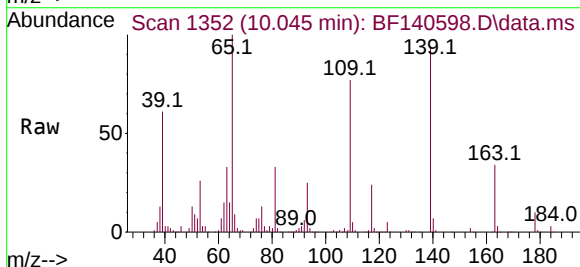
Manual Integrations
APPROVED

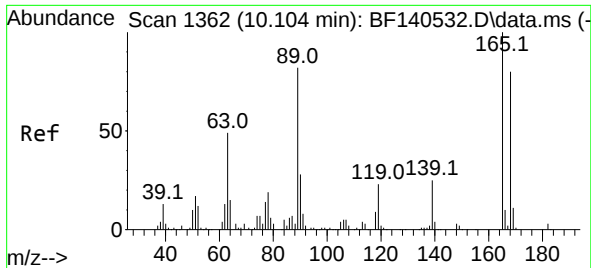
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 100.102 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:139 Resp: 213899
Ion Ratio Lower Upper
139 100
109 81.6 68.4 108.4
65 106.5 88.6 128.6





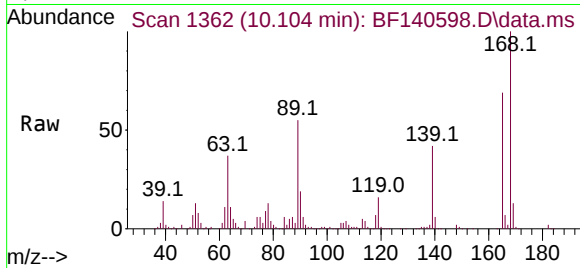
#57
2,4-Dinitrotoluene
Concen: 49.737 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



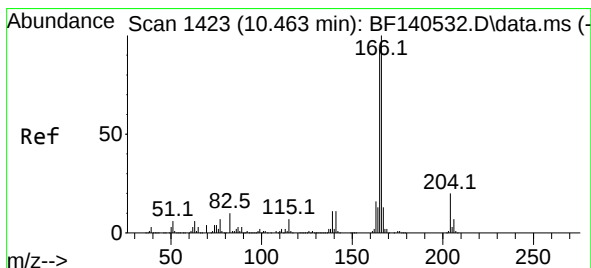
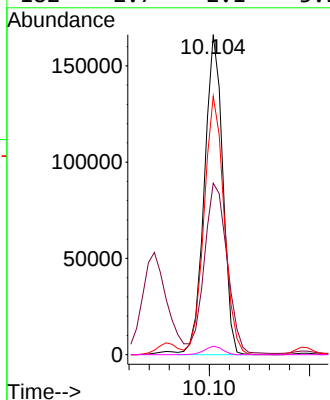
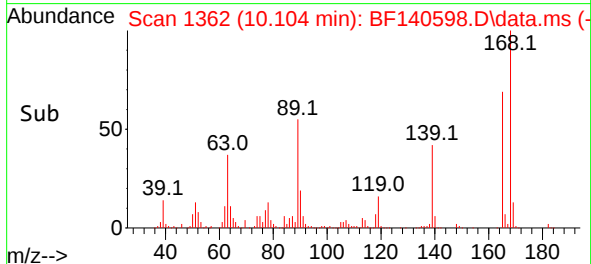
Tgt Ion:165 Resp: 21175
Ion Ratio Lower Upper
165 100
63 53.6 41.7 62.5
89 80.8 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

APPROVED

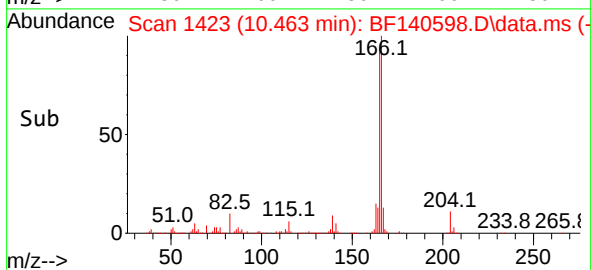
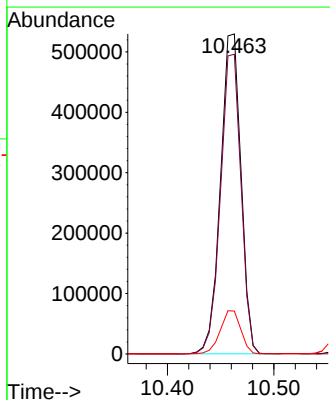
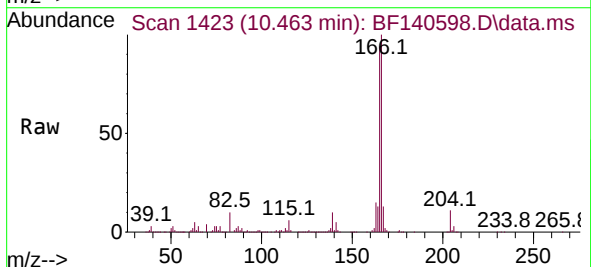
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 49.554 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

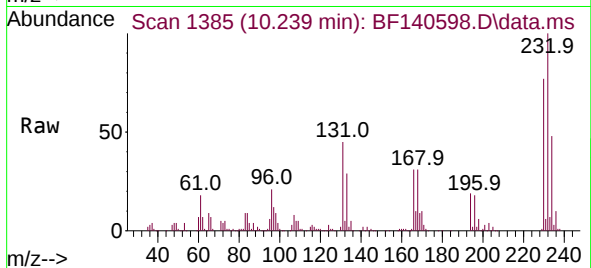
Tgt Ion:166 Resp: 706702
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.904 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

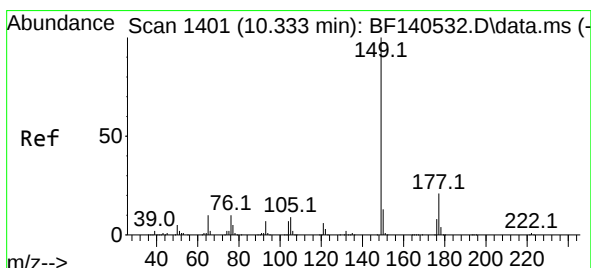
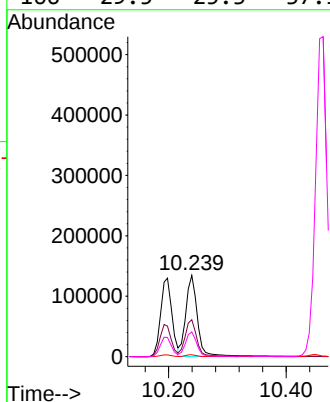
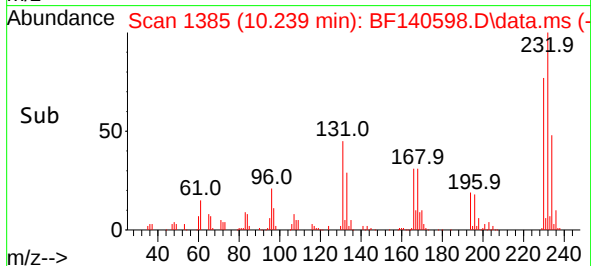
Instrument :
BNA_F
ClientSampleId :
PB165152BS



Tgt Ion:232 Resp: 18370
Ion Ratio Lower Upper
232 100
131 45.7 39.6 59.4
130 2.2 1.9 2.9
166 29.5 25.3 37.9

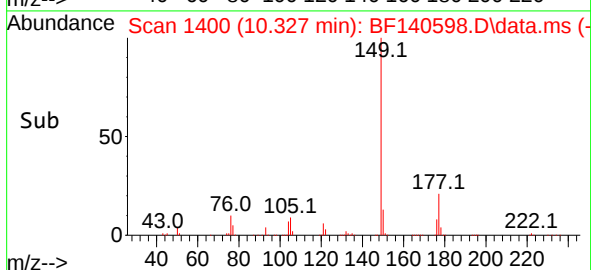
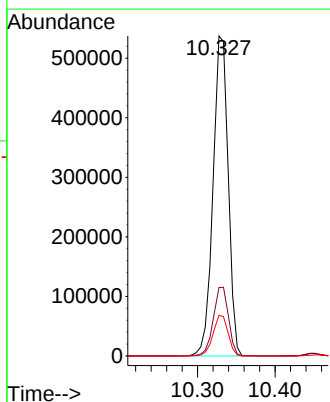
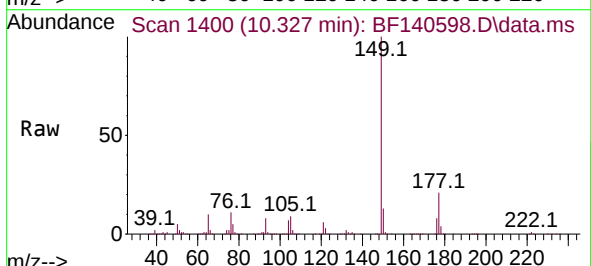
Manual Integrations
APPROVED

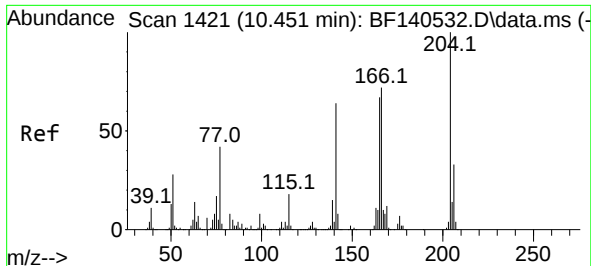
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 50.858 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

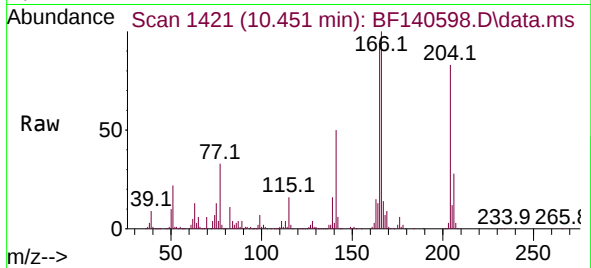
Tgt Ion:149 Resp: 729880
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.464 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

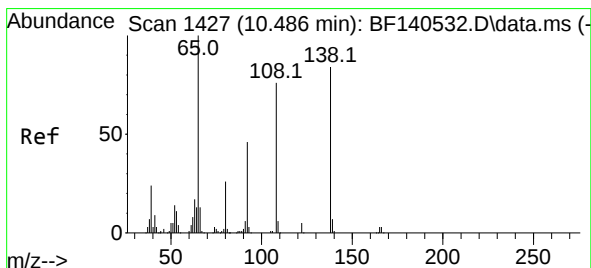
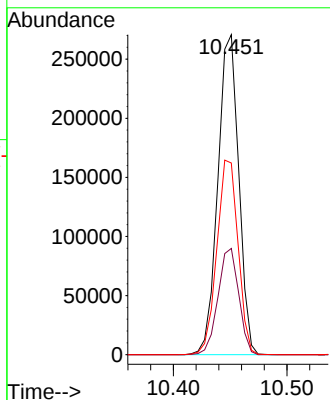
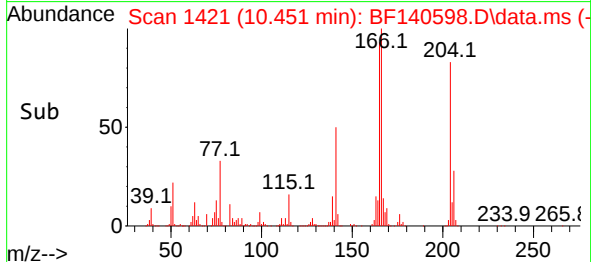
Instrument :
BNA_F
ClientSampleId :
PB165152BS



Tgt Ion:204 Resp: 346192
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 59.9 51.1 76.7

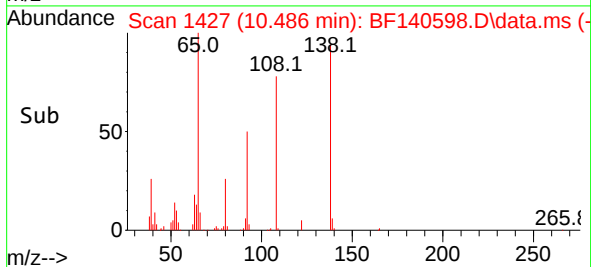
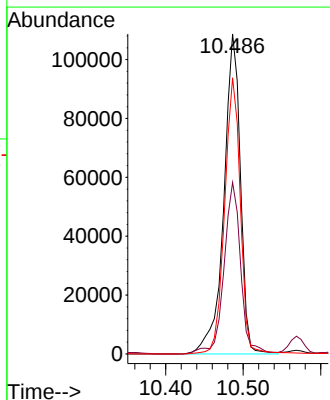
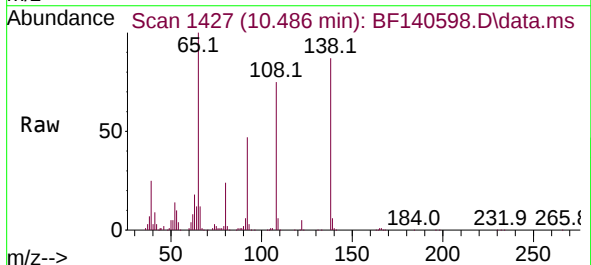
Manual Integrations
APPROVED

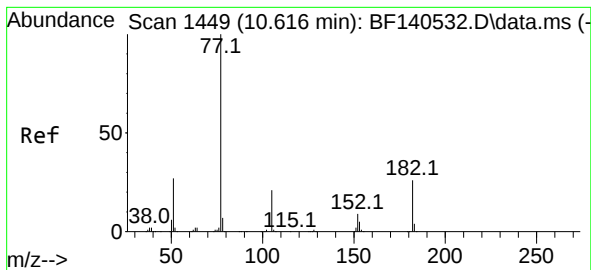
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 49.301 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

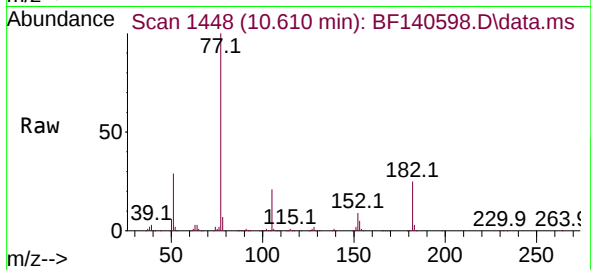
Tgt Ion:138 Resp: 162008
Ion Ratio Lower Upper
138 100
92 53.6 34.5 74.5
108 86.3 70.6 110.6





#63
Azobenzene
Concen: 50.600 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

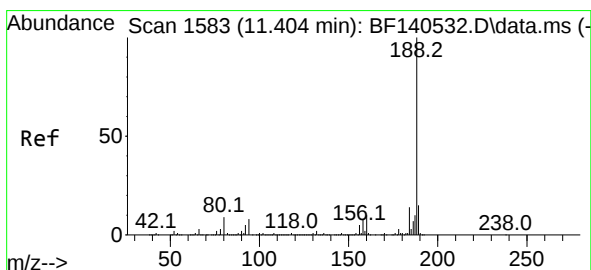
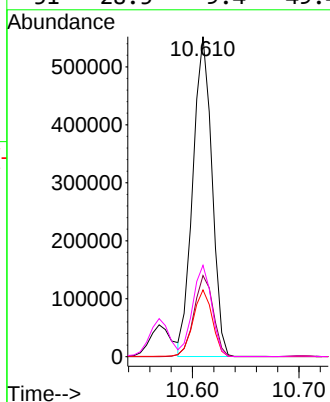
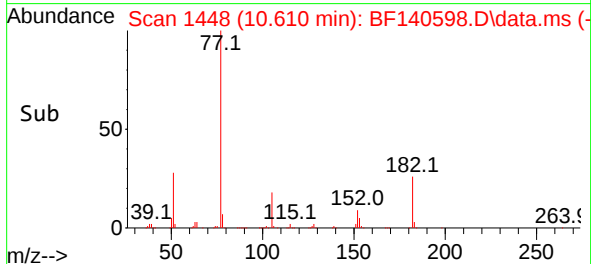
Instrument :
BNA_F
ClientSampleId :
PB165152BS



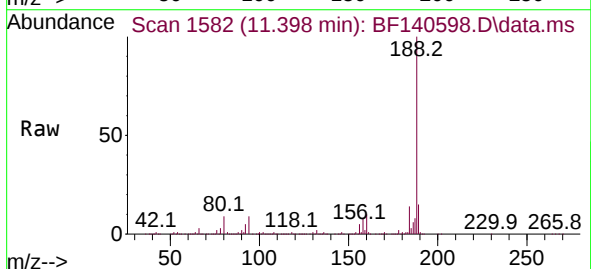
Tgt Ion: 77 Resp: 687690
Ion Ratio Lower Upper
77 100
182 25.4 5.3 45.3
105 20.8 0.3 40.3
51 28.5 9.4 49.4

Manual Integrations
APPROVED

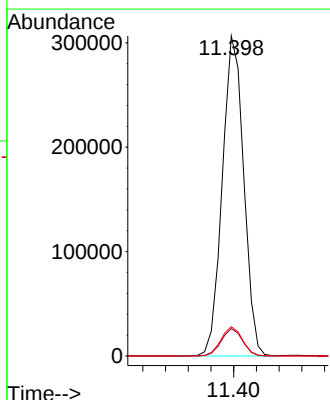
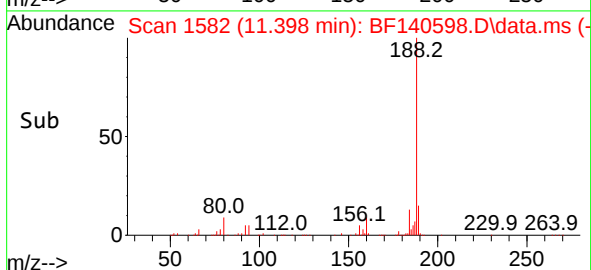
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

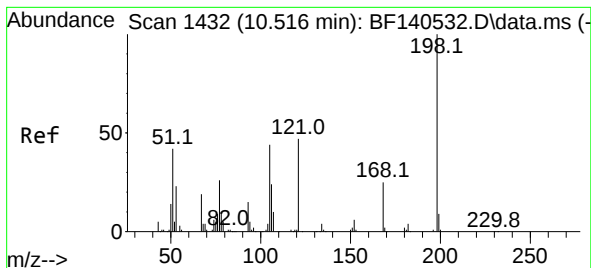


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



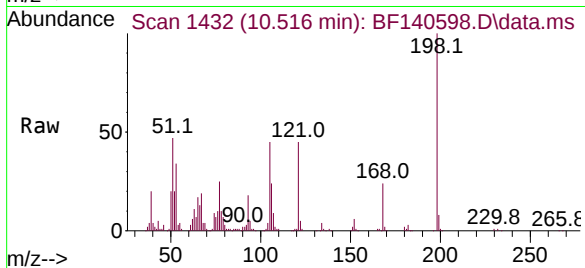
Tgt Ion:188 Resp: 401581
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.2 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 55.868 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

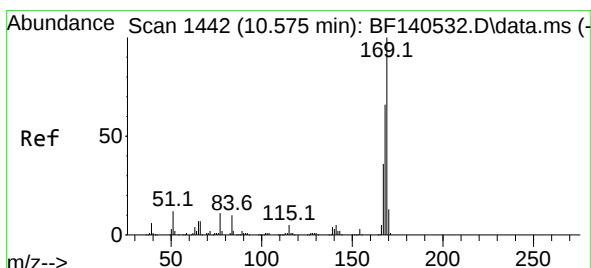
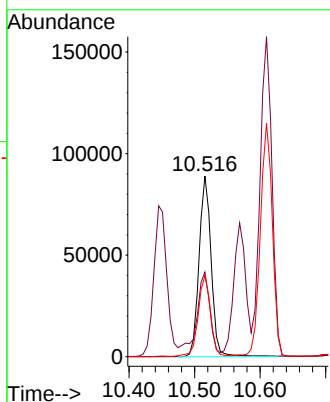
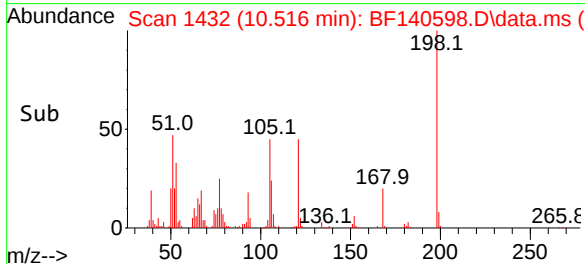
Instrument :
BNA_F
ClientSampleId :
PB165152BS



Tgt Ion:198 Resp: 11464
Ion Ratio Lower Upper
198 100
51 46.9 29.4 69.4
105 44.9 25.4 65.4

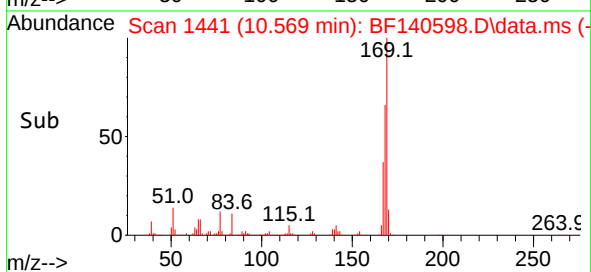
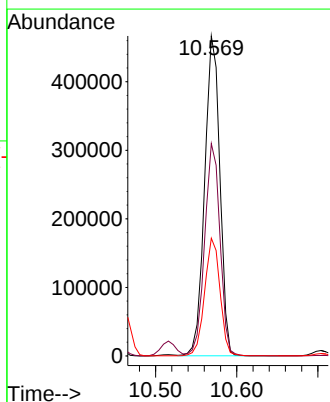
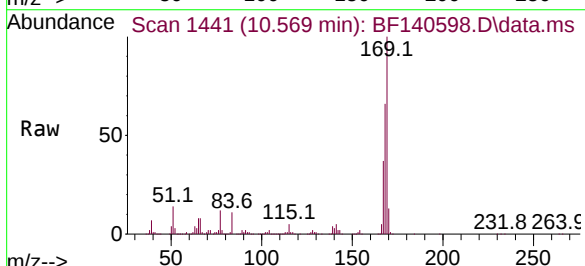
Manual Integrations
APPROVED

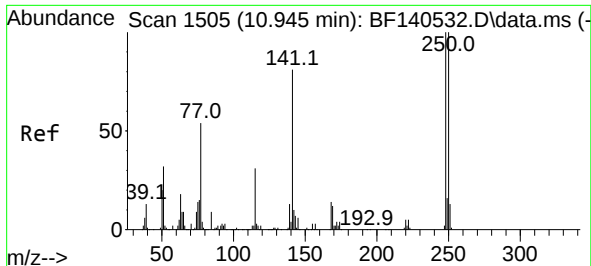
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 51.015 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:169 Resp: 605842
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.8 29.0 43.6





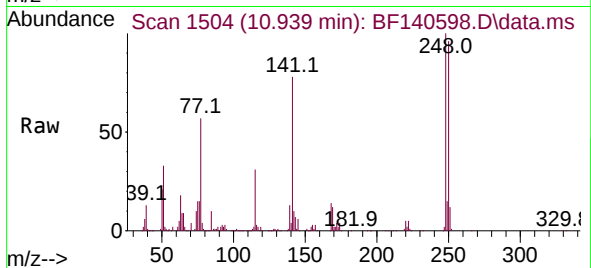
#67
4-Bromophenyl-phenylether
Concen: 50.744 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

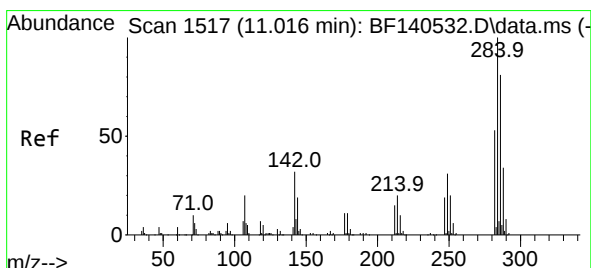
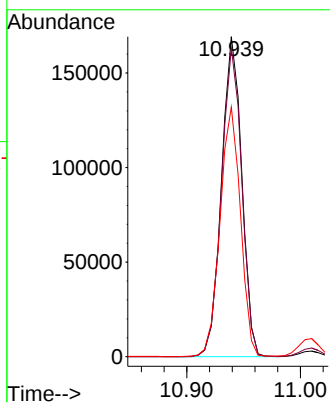
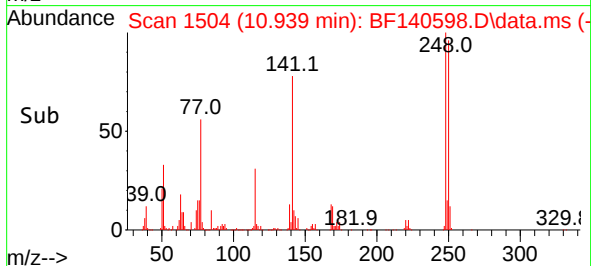


Tgt Ion:248 Resp: 20985
Ion Ratio Lower Upper
248 100
250 96.4 79.8 119.8
141 78.0 64.7 97.1

Manual Integrations

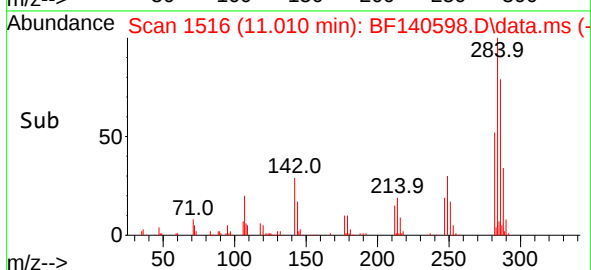
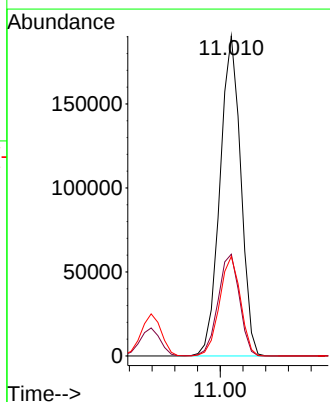
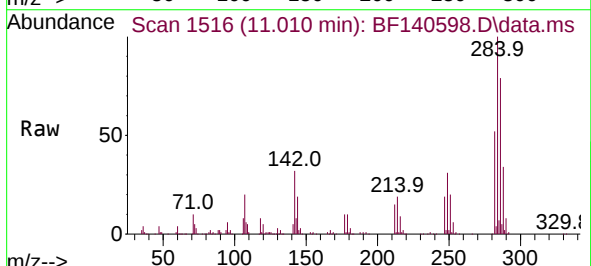
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 50.565 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:284 Resp: 242139
Ion Ratio Lower Upper
284 100
142 31.8 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 61.351 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

Tgt Ion:200 Resp: 20496

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

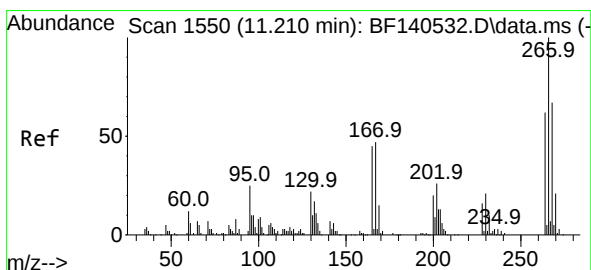
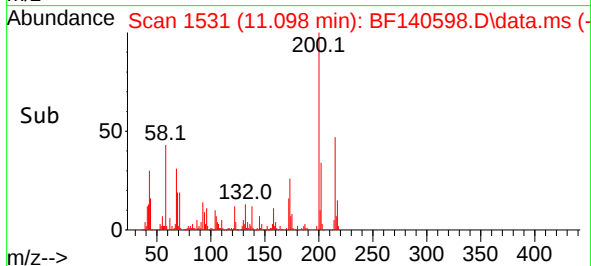
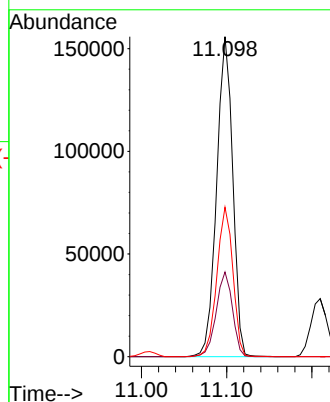
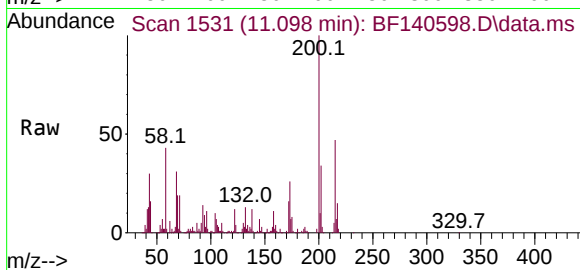
215 46.7 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 103.398 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

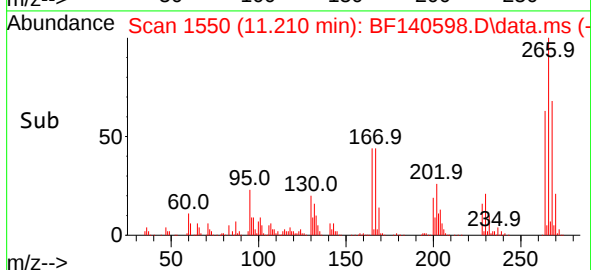
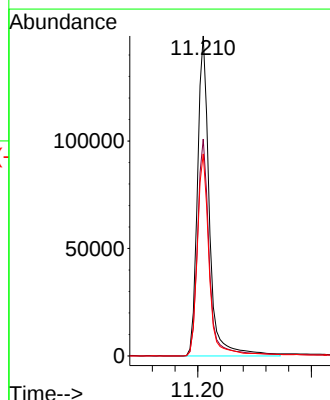
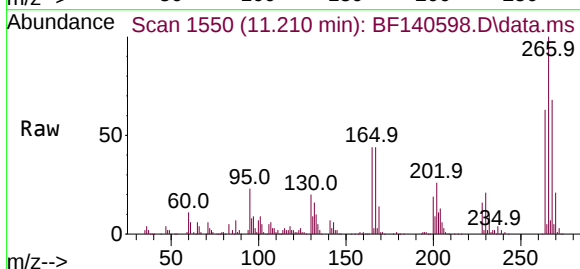
Tgt Ion:266 Resp: 217924

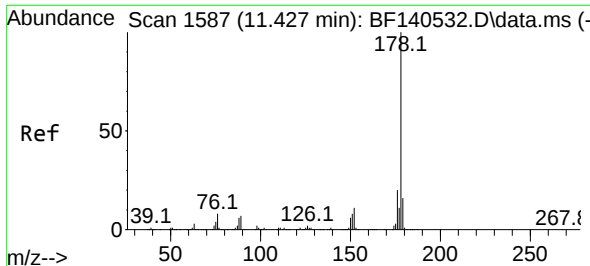
Ion Ratio Lower Upper

266 100

268 67.8 53.7 80.5

264 63.1 49.8 74.8





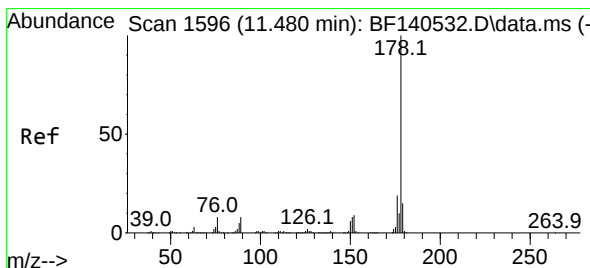
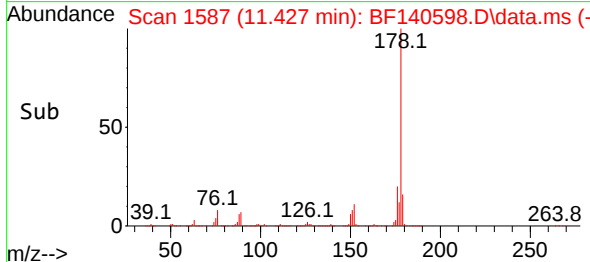
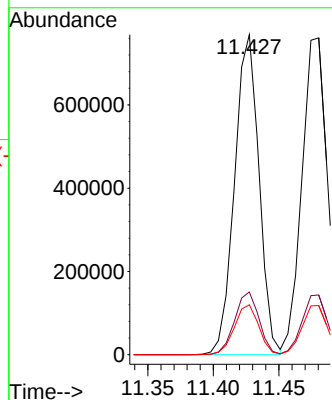
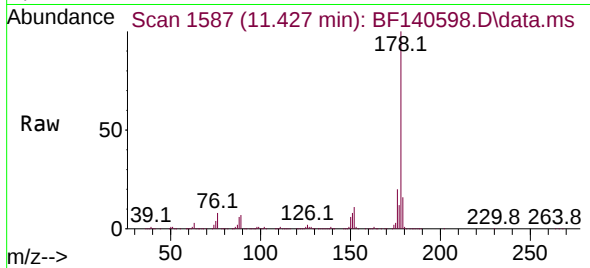
#71
Phenanthrene
Concen: 51.667 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB165152BS

Tgt Ion:178 Resp: 99735
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 12.4 18.6

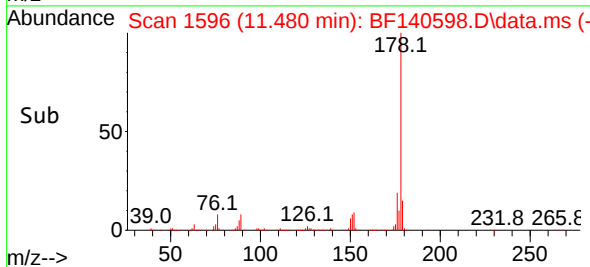
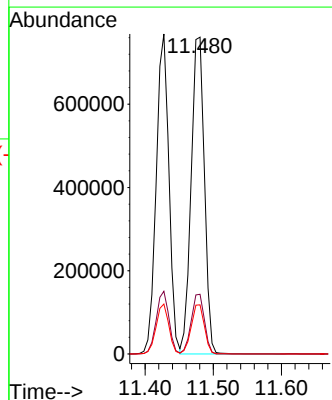
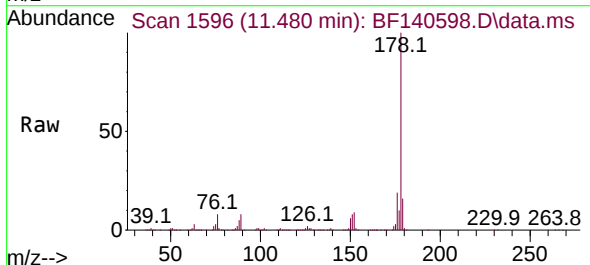
Manual Integrations
APPROVED

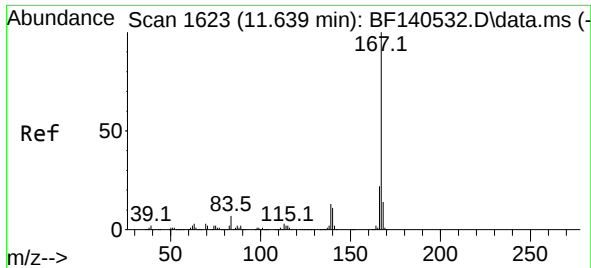
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 54.040 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

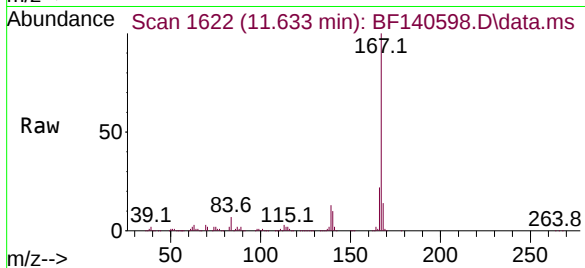
Tgt Ion:178 Resp: 1020413
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 50.610 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140598.D
 Acq: 25 Nov 2024 13:02

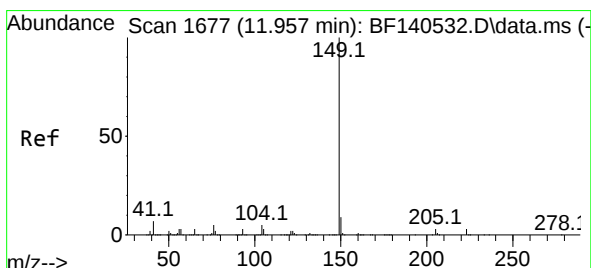
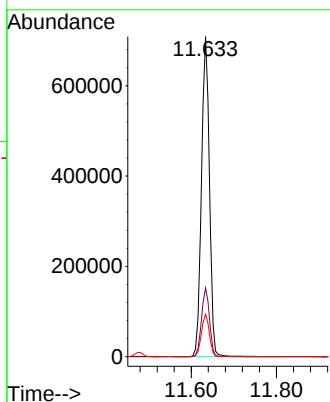
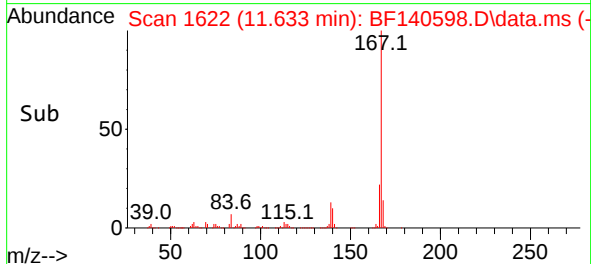
Instrument :
 BNA_F
 ClientSampleId :
 PB165152BS



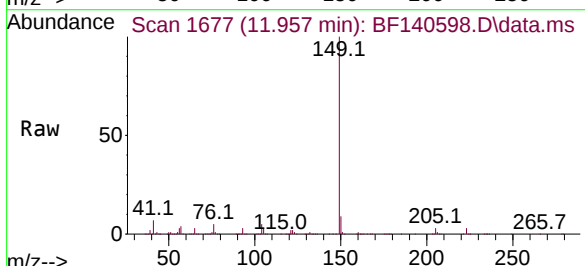
Tgt Ion:167 Resp: 919335
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.3 10.6 15.8

Manual Integrations
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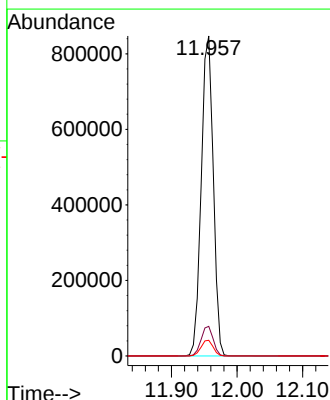
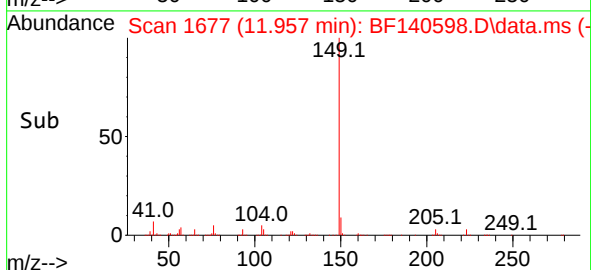
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

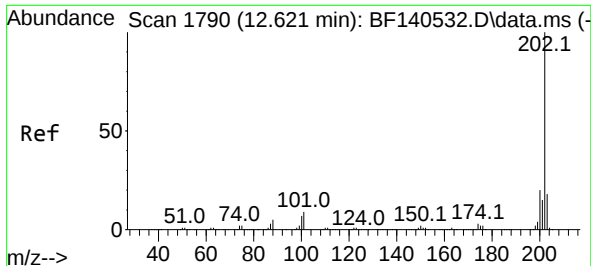


#74
 Di-n-butylphthalate
 Concen: 51.534 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140598.D
 Acq: 25 Nov 2024 13:02



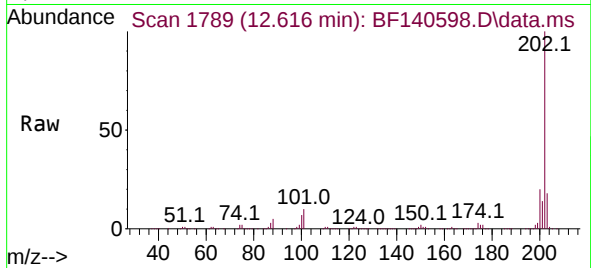
Tgt Ion:149 Resp: 1080749
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 50.842 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

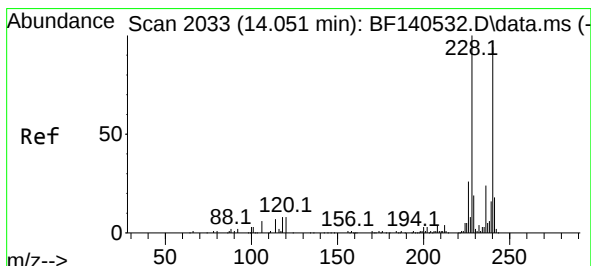
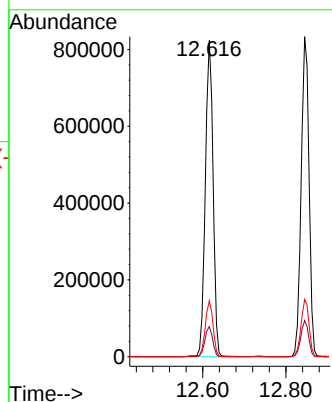
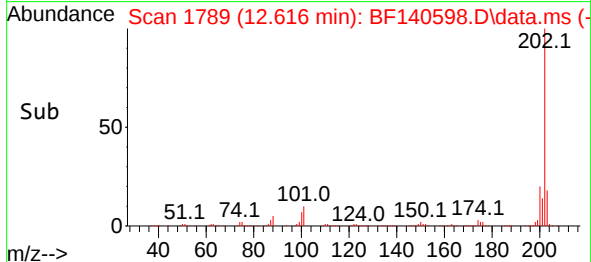
Instrument :
BNA_F
ClientSampleId :
PB165152BS



Tgt Ion:202 Resp: 106558
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.9
203 17.7 0.0 37.6

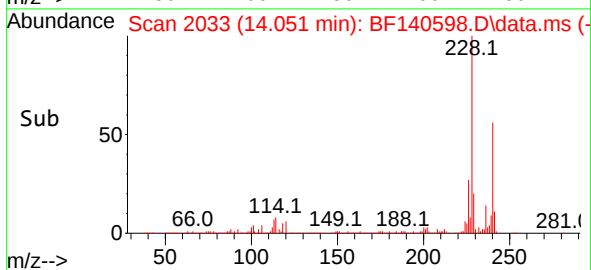
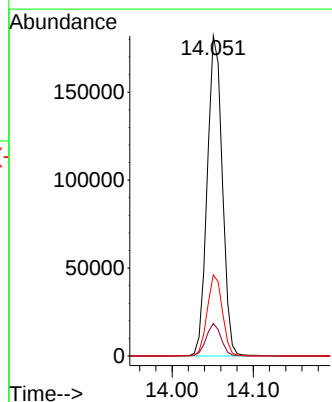
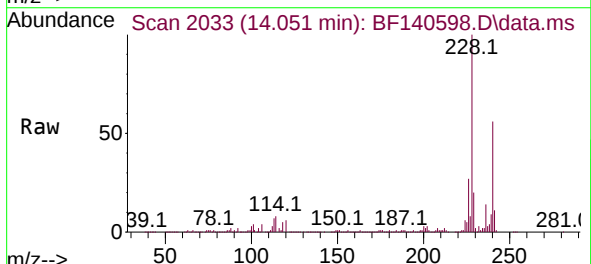
Manual Integrations
APPROVED

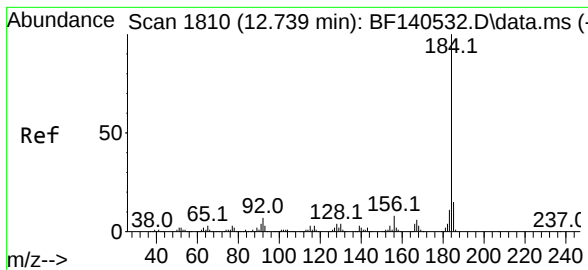
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

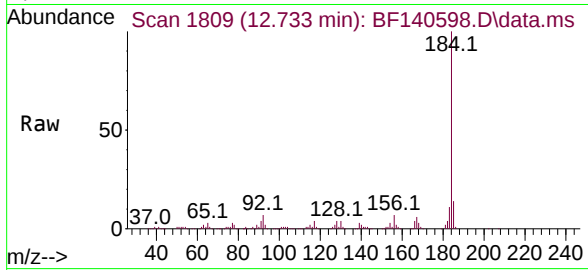
Tgt Ion:240 Resp: 233962
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 25.4 20.6 31.0





#77
Benzidine
Concen: 44.544 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

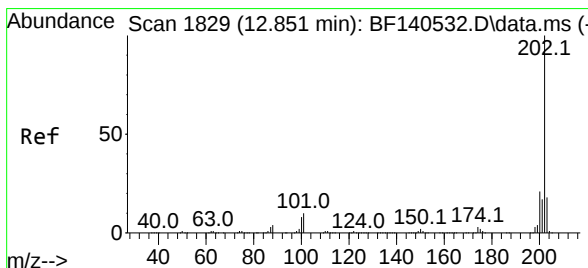
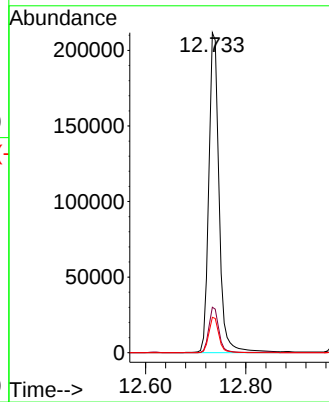
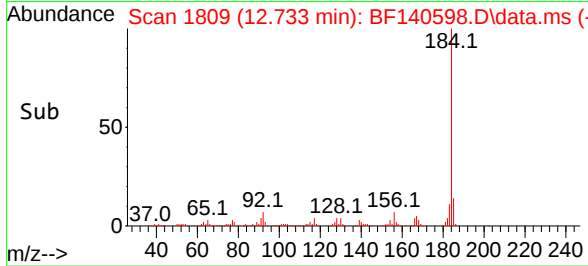
Instrument :
BNA_F
ClientSampleId :
PB165152BS



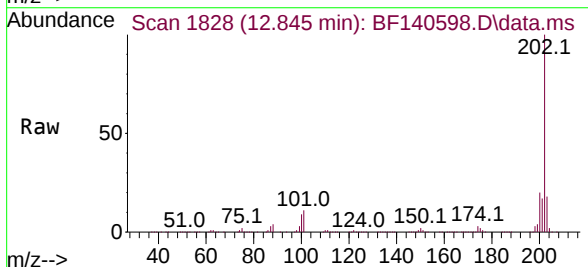
Tgt Ion:184 Resp: 303000
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.8 13.2

Manual Integrations
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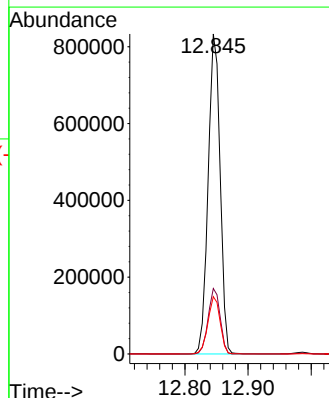
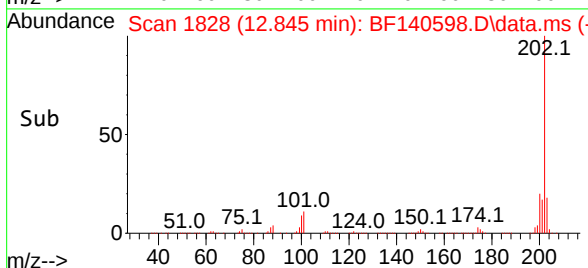
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

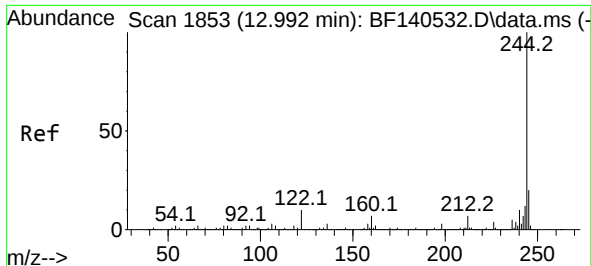


#78
Pyrene
Concen: 50.661 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:202 Resp: 1095938
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.9 14.2 21.4





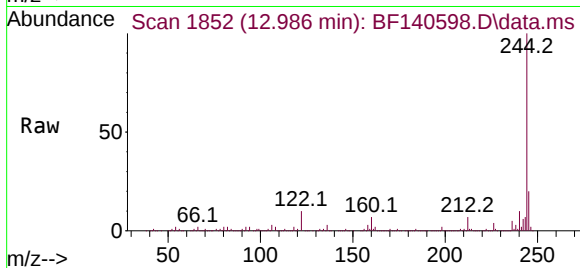
#79
 Terphenyl-d14
 Concen: 101.016 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140598.D
 Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



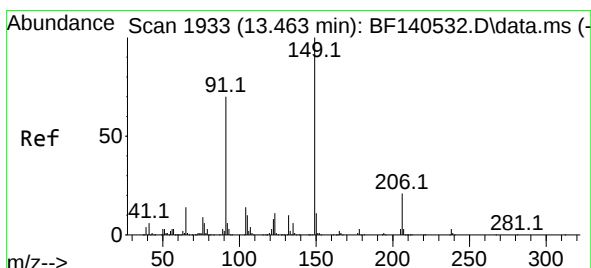
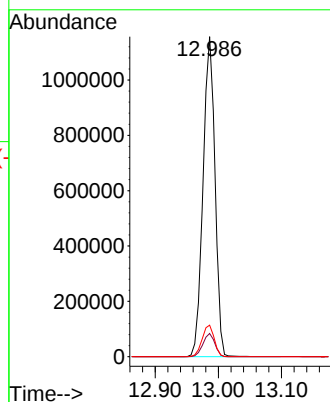
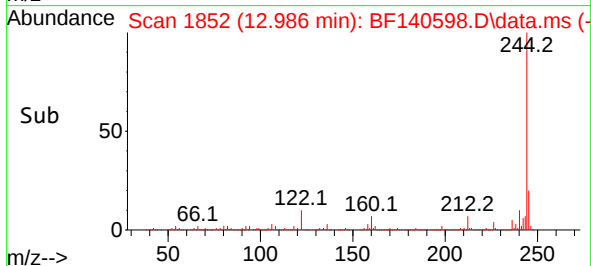
Tgt Ion:244 Resp: 151779
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.9 8.0 12.0

Manual Integrations

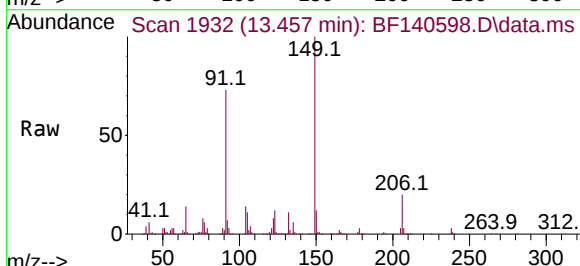
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

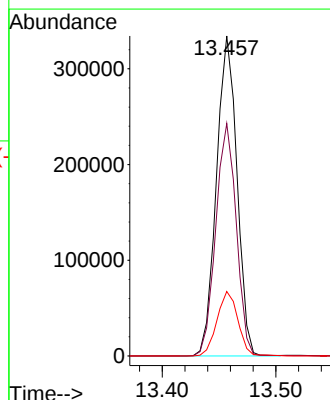
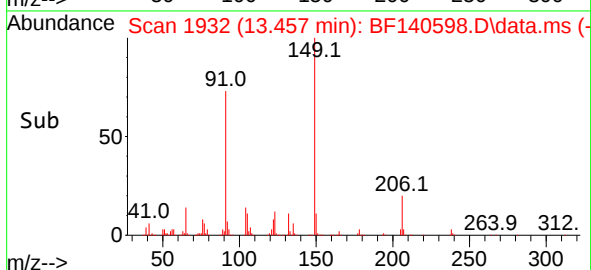
Supervised By :mohammad ahmed 11/27/2024

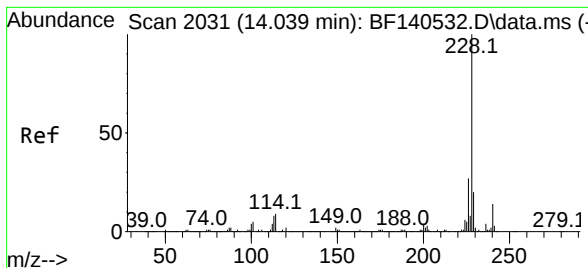


#80
 Butylbenzylphthalate
 Concen: 53.922 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140598.D
 Acq: 25 Nov 2024 13:02



Tgt Ion:149 Resp: 420209
 Ion Ratio Lower Upper
 149 100
 91 72.6 56.2 84.2
 206 20.1 16.4 24.6





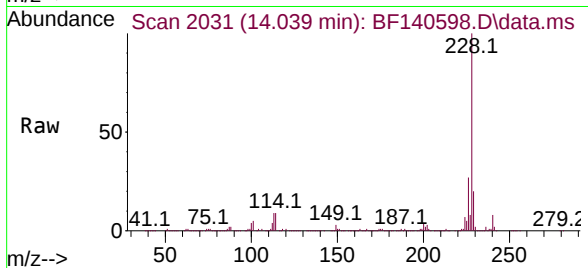
#81
Benzo(a)anthracene
Concen: 53.627 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS



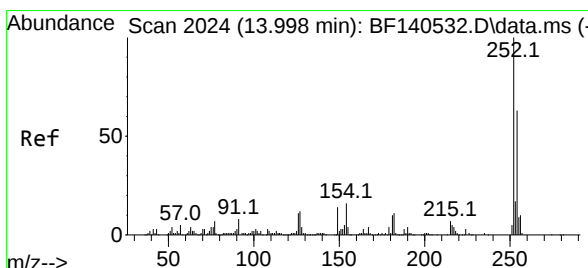
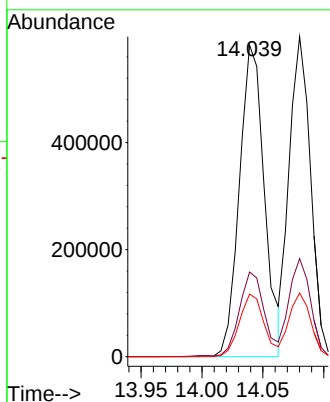
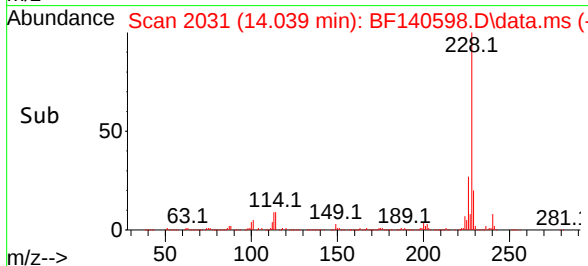
Tgt Ion:228 Resp: 830540
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.1 15.8 23.6

Manual Integrations

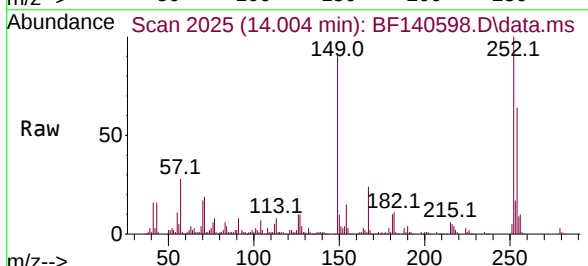
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

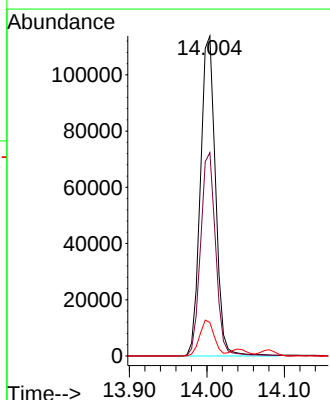
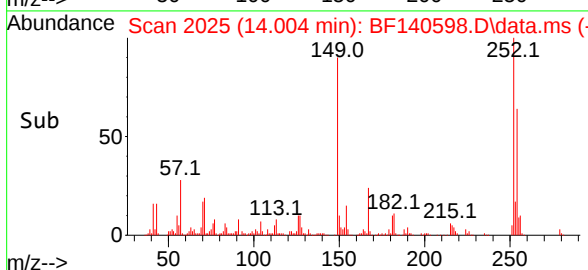
Supervised By :mohammad ahmed 11/27/2024

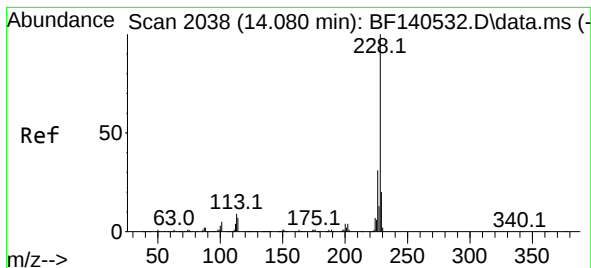


#82
3,3'-Dichlorobenzidine
Concen: 33.136 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02



Tgt Ion:252 Resp: 154079
Ion Ratio Lower Upper
252 100
254 63.6 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 51.942 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

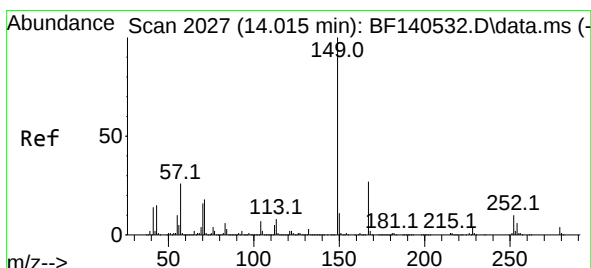
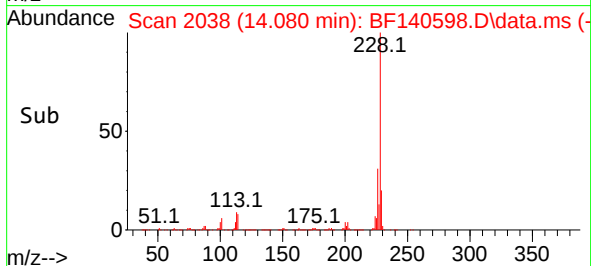
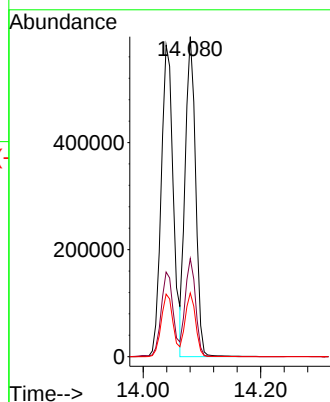
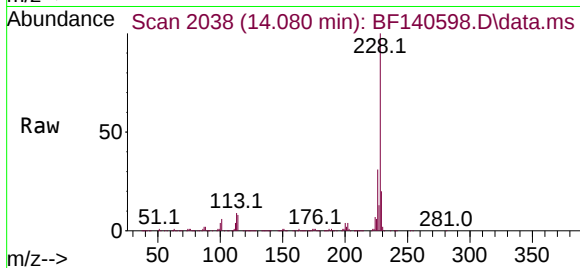
Tgt Ion:	228	Resp:	735574
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.4	36.6
229	19.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.858 ng

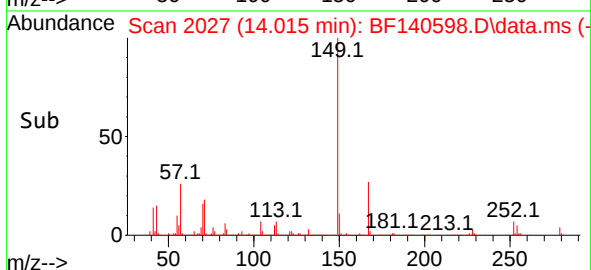
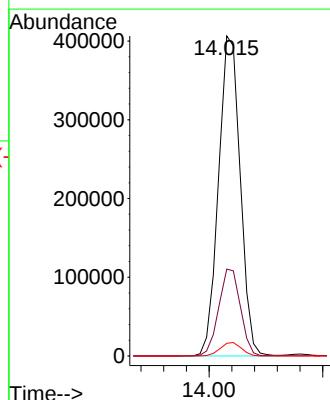
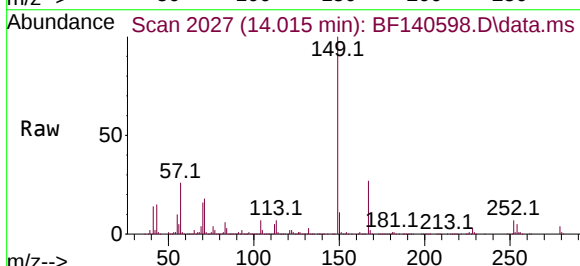
RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion:	149	Resp:	539818
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.2	31.8
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 57.445 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.018 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

Tgt Ion:149 Resp: 772524

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

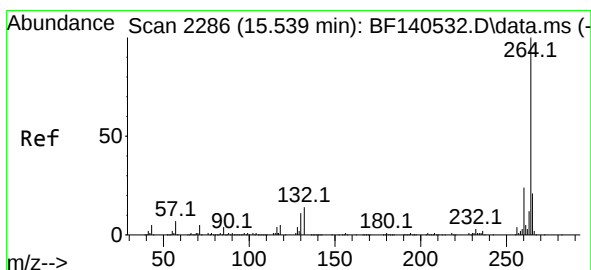
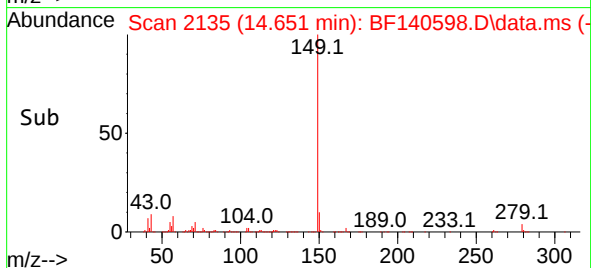
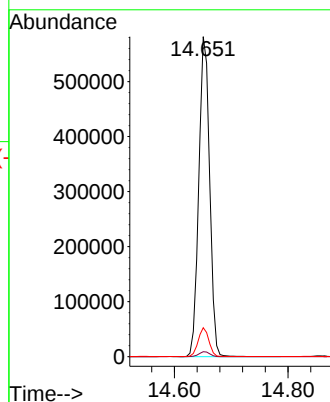
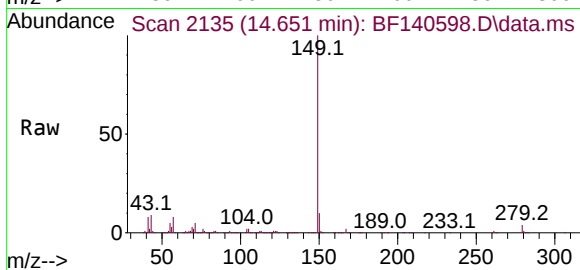
43 8.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

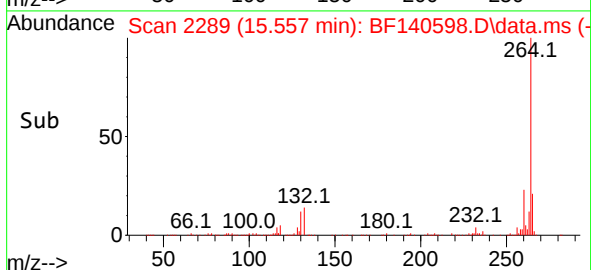
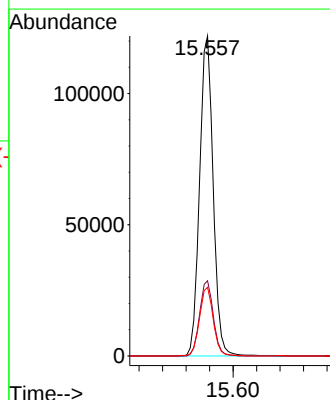
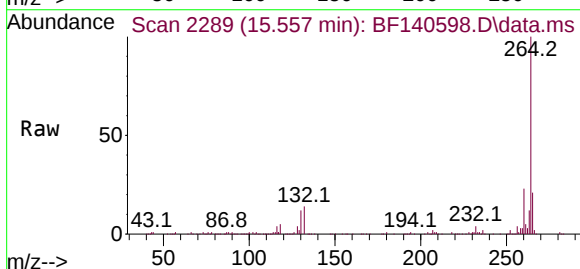
Tgt Ion:264 Resp: 195258

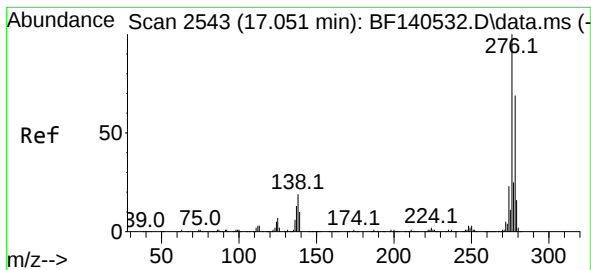
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.903 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

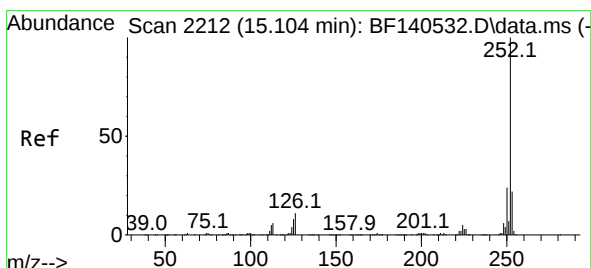
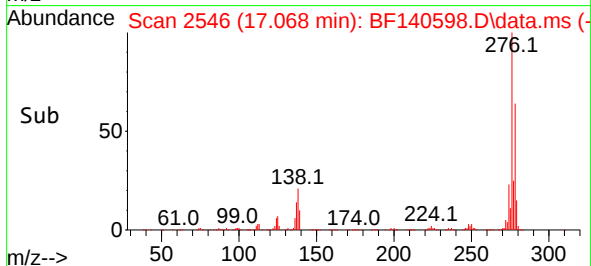
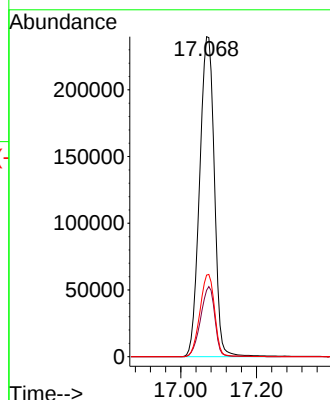
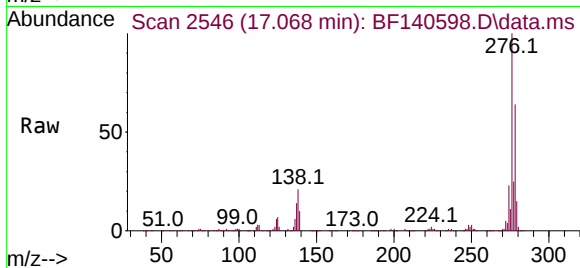
Tgt Ion:	276	Resp:	64772
Ion Ratio	Lower	Upper	
276	100		
138	21.1	15.5	23.3
277	25.6	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 50.643 ng

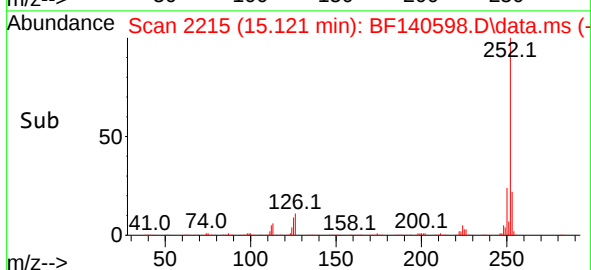
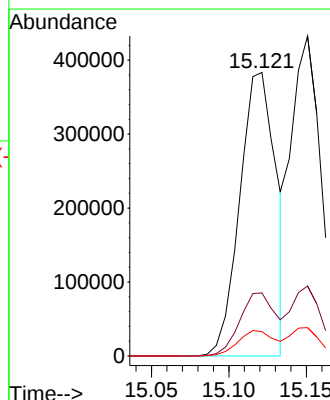
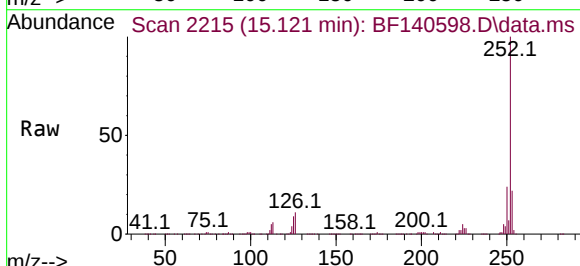
RT: 15.121 min Scan# 2215

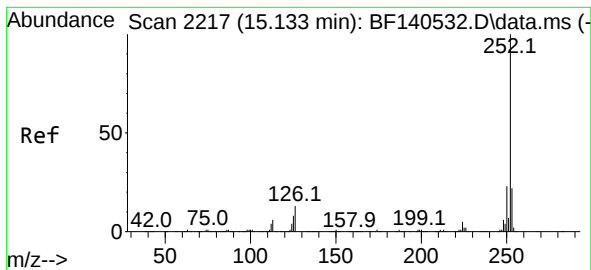
Delta R.T. 0.018 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Tgt Ion:	252	Resp:	621111
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	8.6	6.7	10.1





#89

Benzo(k)fluoranthene

Concen: 54.340 ng

RT: 15.151 min Scan# 2220

Delta R.T. 0.018 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB165152BS

Tgt Ion:252 Resp: 583200

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

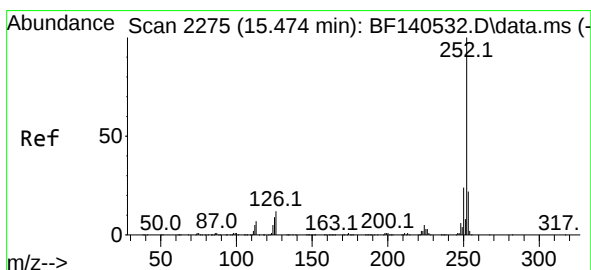
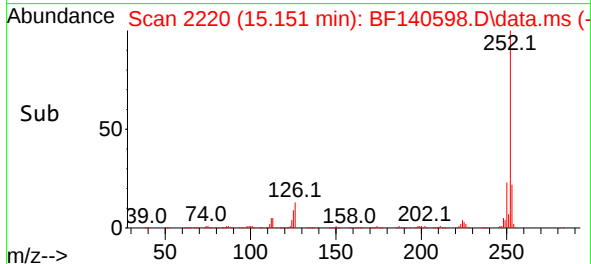
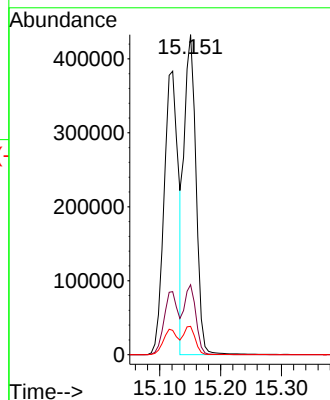
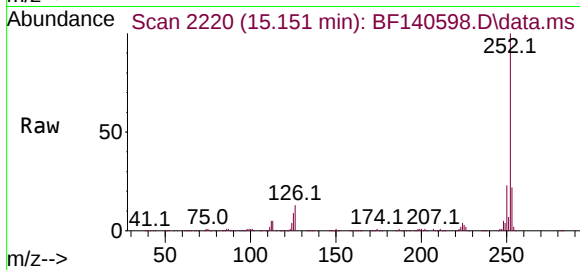
125 8.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 56.280 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140598.D

Acq: 25 Nov 2024 13:02

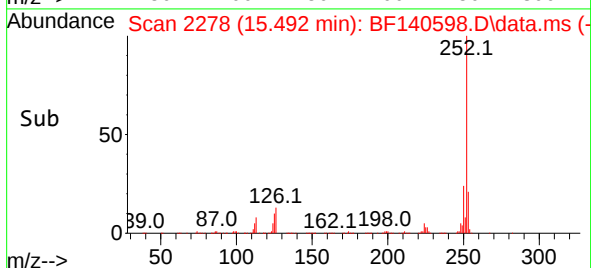
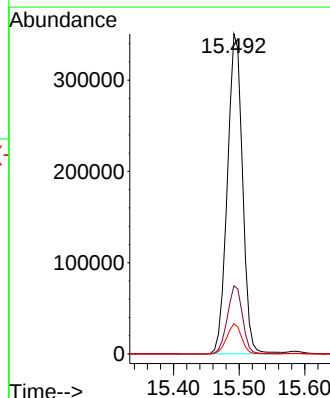
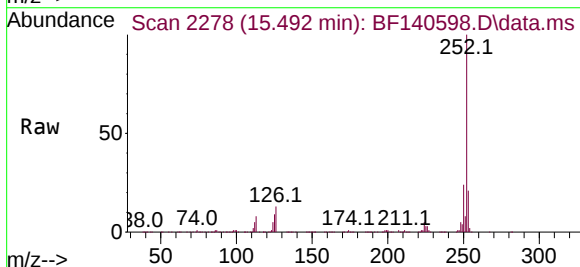
Tgt Ion:252 Resp: 561220

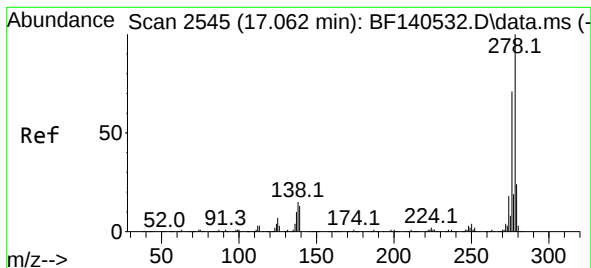
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

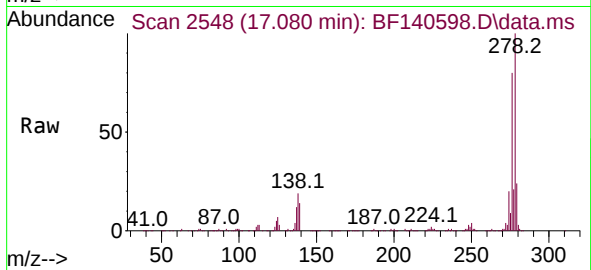
125 9.4 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 50.835 ng
RT: 17.080 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

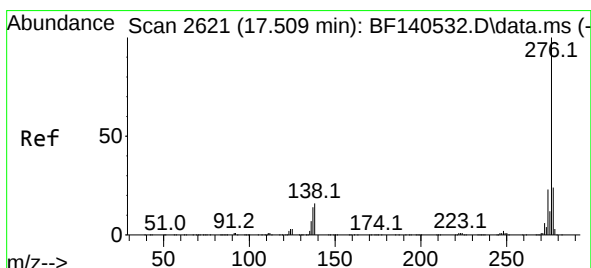
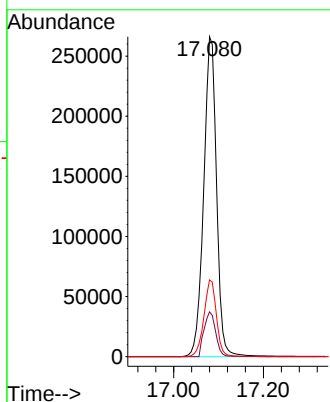
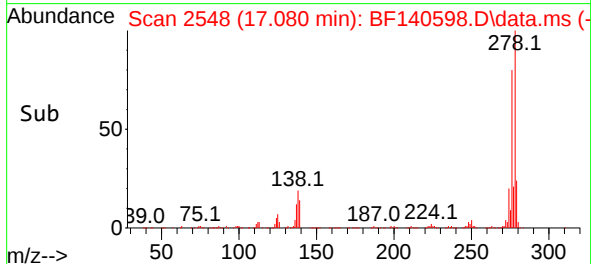
Instrument :
BNA_F
ClientSampleId :
PB165152BS



Tgt Ion:278 Resp: 52976
Ion Ratio Lower Upper
278 100
139 14.0 10.2 15.4
279 24.0 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 46.138 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140598.D
Acq: 25 Nov 2024 13:02

Tgt Ion:276 Resp: 490635
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 17.6 13.2 19.8

