

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140452.D
 Acq On : 18 Nov 2024 14:19
 Operator : RC/JU
 Sample : PB164969BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164969BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 14:43:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140355	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	542961	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	303542	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	562649	20.000	ng	0.00
76) Chrysene-d12	14.057	240	328358	20.000	ng	0.00
86) Perylene-d12	15.563	264	268372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	999853	121.630	ng	0.02
7) Phenol-d6	6.516	99	1309306	117.559	ng	0.01
23) Nitrobenzene-d5	7.440	82	861125	82.634	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	379070	125.583	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1581098	83.734	ng	0.00
79) Terphenyl-d14	12.986	244	1759527	93.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	139495	38.073	ng	98
3) Pyridine	3.487	79	360482	40.021	ng	99
4) n-Nitrosodimethylamine	3.440	42	190951	41.946	ng	97
6) Aniline	6.540	93	363568	37.525	ng	# 62
8) 2-Chlorophenol	6.663	128	404610	45.820	ng	98
9) Benzaldehyde	6.428	77	272367	40.804	ng	97
10) Phenol	6.528	94	505784	43.063	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	390967	43.932	ng	99
12) 1,3-Dichlorobenzene	6.816	146	412463	42.335	ng	100
13) 1,4-Dichlorobenzene	6.893	146	424656	42.985	ng	100
14) 1,2-Dichlorobenzene	7.045	146	398966	43.502	ng	100
15) Benzyl Alcohol	7.016	79	364043	45.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	528778	43.016	ng	76
17) 2-Methylphenol	7.134	107	322080	44.338	ng	# 94
18) Hexachloroethane	7.387	117	157629	43.160	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	286509	42.594	ng	99
20) 3+4-Methylphenols	7.287	107	401362	44.181	ng	97
22) Acetophenone	7.281	105	530788	42.032	ng	99
24) Nitrobenzene	7.457	77	443530	40.878	ng	99
25) Isophorone	7.692	82	793111	42.943	ng	99
26) 2-Nitrophenol	7.769	139	215542	44.767	ng	98
27) 2,4-Dimethylphenol	7.810	122	329751m	53.495	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	489301	43.206	ng	99
29) 2,4-Dichlorophenol	8.016	162	340155	44.651	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	350892	41.372	ng	99
31) Naphthalene	8.175	128	1165846	42.328	ng	100
32) Benzoic acid	7.940	122	230552	42.506	ng	99
33) 4-Chloroaniline	8.228	127	176404	18.416	ng	98
34) Hexachlorobutadiene	8.292	225	225130	41.660	ng	99
35) Caprolactam	8.592	113	107480m	42.449	ng	
36) 4-Chloro-3-methylphenol	8.716	107	371810	44.041	ng	99
37) 2-Methylnaphthalene	8.869	142	765271	43.330	ng	100
38) 1-Methylnaphthalene	8.969	142	716759	41.444	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	364394	43.412	ng	99
41) Hexachlorocyclopentadiene	9.016	237	366320	169.973	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	236726	42.974	ng	99

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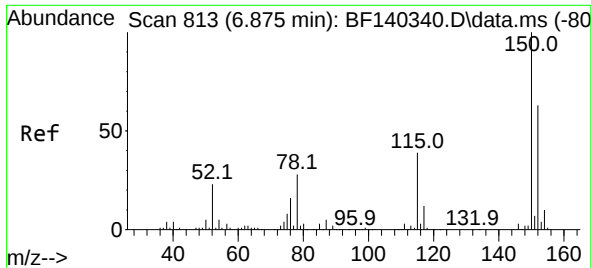
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 Supervised By :mohammad ahmed 11/19/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	259469	43.082	ng	97
46) 1,1'-Biphenyl	9.334	154	954253	43.213	ng	100
47) 2-Chloronaphthalene	9.357	162	710122	42.215	ng	99
48) 2-Nitroaniline	9.457	65	237028	42.488	ng	98
49) Acenaphthylene	9.775	152	1185818	46.592	ng	100
50) Dimethylphthalate	9.634	163	874992	44.225	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190545	42.244	ng	99
52) Acenaphthene	9.945	154	714910	41.588	ng	99
53) 3-Nitroaniline	9.869	138	123949	26.167	ng	99
54) 2,4-Dinitrophenol	9.981	184	206528	88.791	ng	98
55) Dibenzofuran	10.122	168	1059505	43.538	ng	100
56) 4-Nitrophenol	10.045	139	281641	81.513	ng	98
57) 2,4-Dinitrotoluene	10.104	165	260002	43.799	ng	97
58) Fluorene	10.463	166	826194	42.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	224479	47.205	ng	98
60) Diethylphthalate	10.333	149	877272	43.362	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	410675	43.271	ng	98
62) 4-Nitroaniline	10.486	138	199969	41.287	ng	98
63) Azobenzene	10.616	77	861268	43.086	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	144142	47.616	ng	97
66) n-Nitrosodiphenylamine	10.575	169	728262	44.797	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	251423	44.703	ng	99
68) Hexachlorobenzene	11.016	284	273875	43.279	ng	97
69) Atrazine	11.098	200	240154	48.827	ng	99
70) Pentachlorophenol	11.210	266	279391	81.963	ng	99
71) Phenanthrene	11.428	178	1172050	44.344	ng	99
72) Anthracene	11.480	178	1199257	46.297	ng	99
73) Carbazole	11.633	167	1102601	43.108	ng	100
74) Di-n-butylphthalate	11.957	149	1353096	44.077	ng	100
75) Fluoranthene	12.616	202	1265420	42.674	ng	99
77) Benzidine	12.739	184	350281	27.794	ng	99
78) Pyrene	12.851	202	1289241	45.902	ng	100
80) Butylbenzylphthalate	13.463	149	529440	49.070	ng	97
81) Benzo(a)anthracene	14.045	228	1010007	46.802	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	190474	27.769	ng	99
83) Chrysene	14.086	228	855844	43.465	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	707539	49.129	ng	98
85) Di-n-octyl phthalate	14.663	149	988217	48.721	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	831881	50.180	ng	100
88) Benzo(b)fluoranthene	15.127	252	689717	39.288	ng	99
89) Benzo(k)fluoranthene	15.157	252	702450	48.980	ng	99
90) Benzo(a)pyrene	15.504	252	651772	47.808	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	681797	49.754	ng	100
92) Benzo(g,h,i)perylene	17.533	276	639656	45.659	ng	99

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



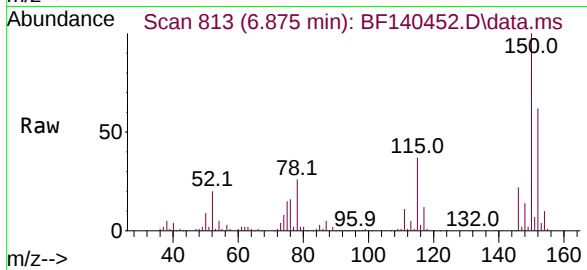
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



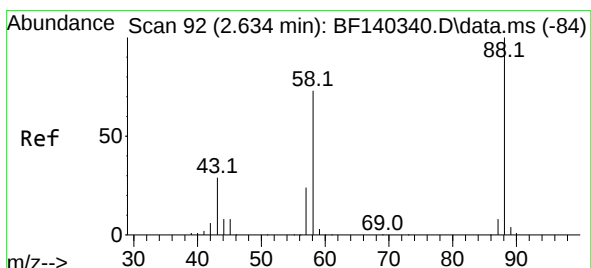
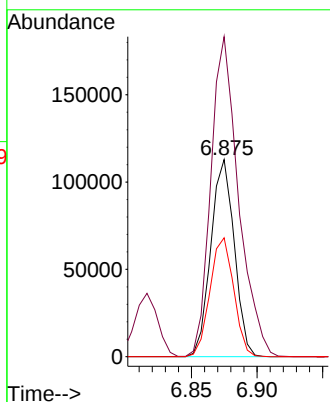
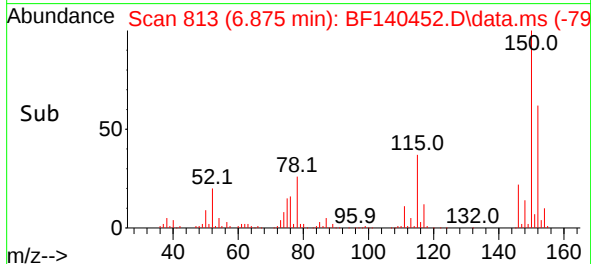
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 Ion Ratio Lower Upper
 152 100
 150 162.3 127.4 191.0
 115 60.3 47.4 71.2

Manual Integrations

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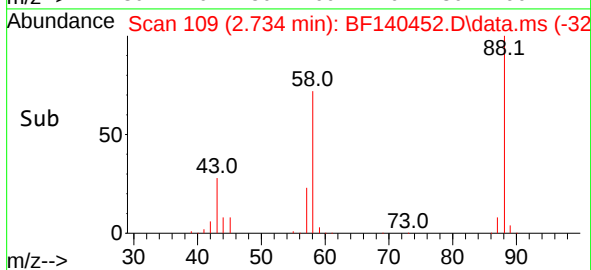
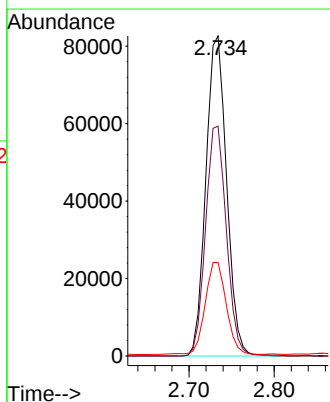
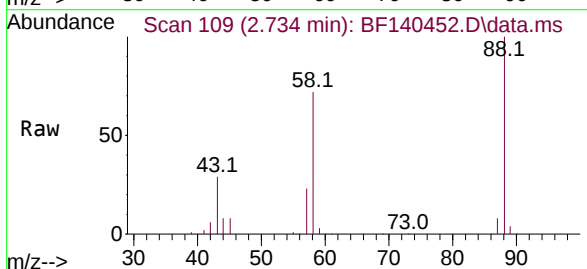
Reviewed By :Yogesh Patel 11/19/2024

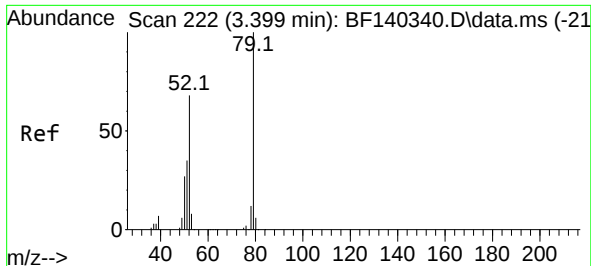
Supervised By :mohammad ahmed 11/19/2024



#2
 1,4-Dioxane
 Concen: 38.073 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19

Tgt Ion: 88 Resp: 139495
 Ion Ratio Lower Upper
 88 100
 58 72.5 59.5 89.3
 43 29.3 23.4 35.2





#3

Pyridine

Concen: 40.021 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion: 79 Resp: 36048

Ion Ratio Lower Upper

79 100

52 67.3 53.8 80.6

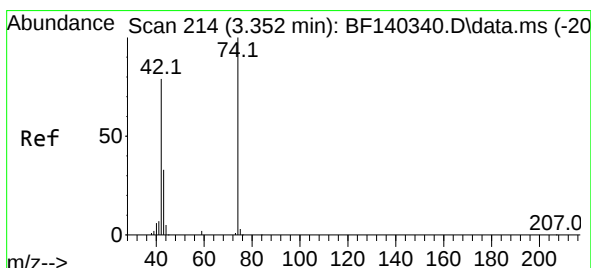
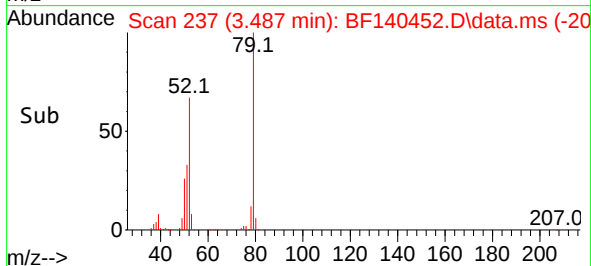
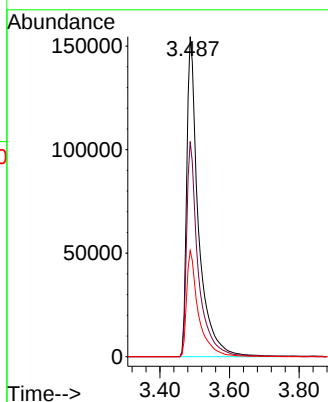
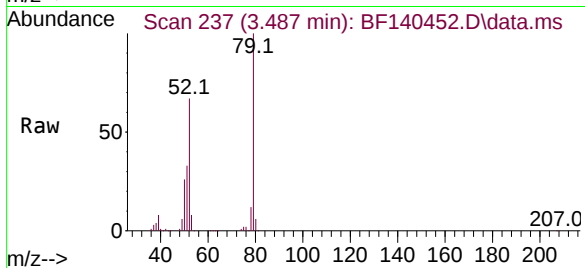
51 33.2 27.3 40.9

Manual Integrations

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Supervised By :mohammad ahmed 11/19/2024



#4

n-Nitrosodimethylamine

Concen: 41.946 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.082 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

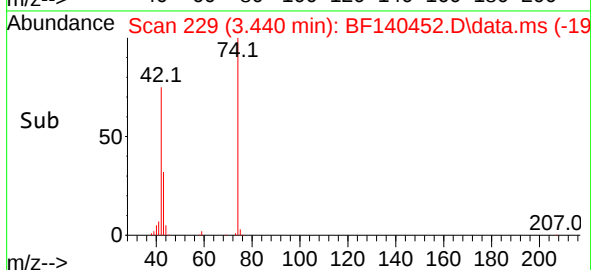
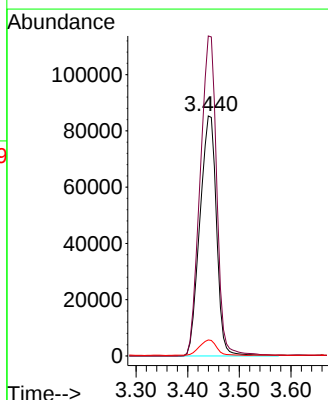
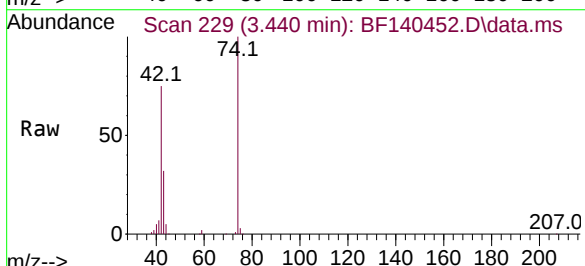
Tgt Ion: 42 Resp: 190951

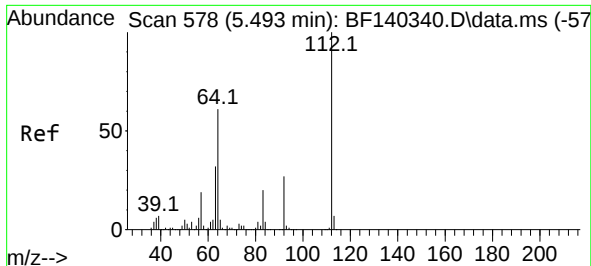
Ion Ratio Lower Upper

42 100

74 133.3 103.5 155.3

44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 121.630 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

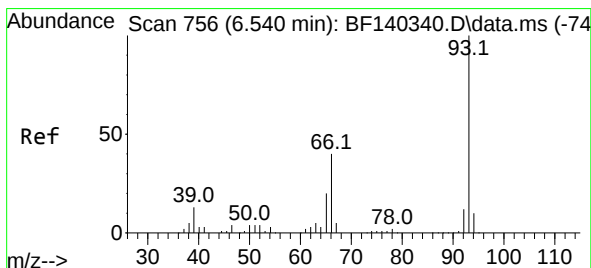
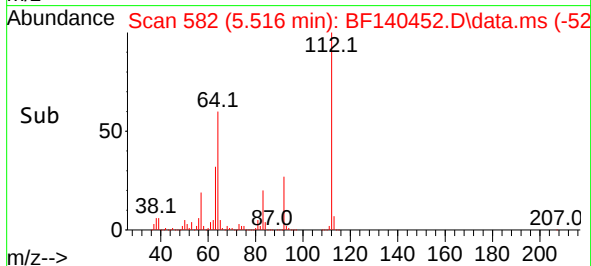
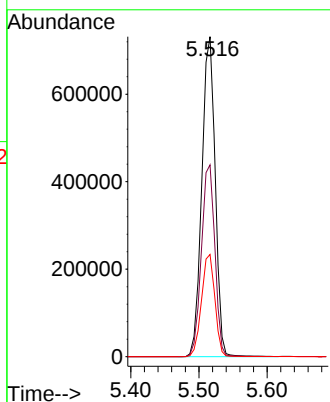
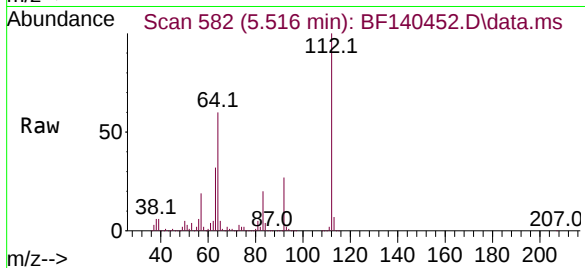
ClientSampleId :

PB164969BS

Tgt Ion:112 Resp: 99985
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.0 25.6 38.4

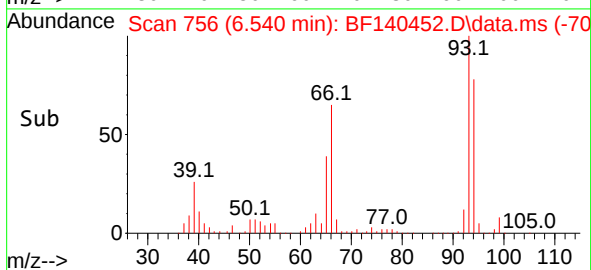
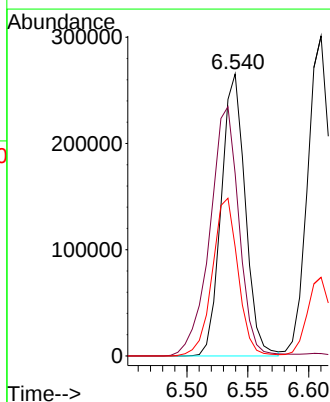
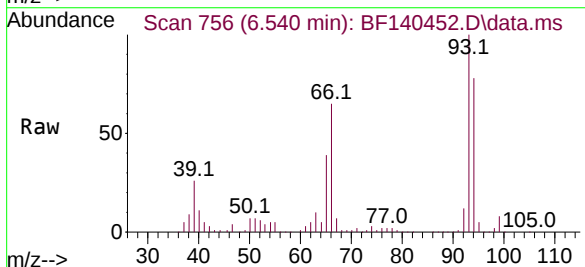
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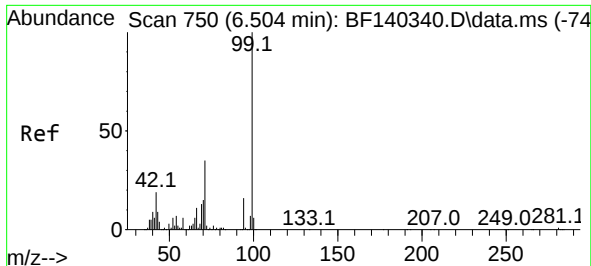
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#6
Aniline
Concen: 37.525 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

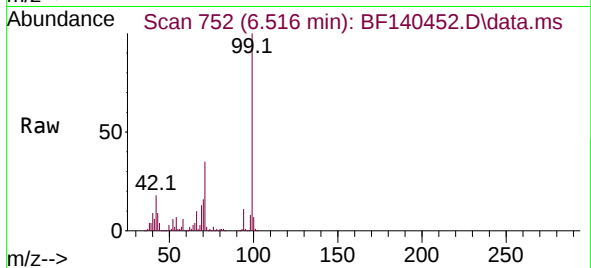
Tgt Ion: 93 Resp: 363568
Ion Ratio Lower Upper
93 100
66 64.6 32.8 49.2#
65 38.6 16.6 25.0#





#7
Phenol-d6
Concen: 117.559 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

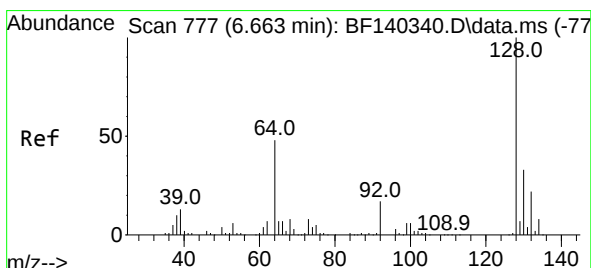
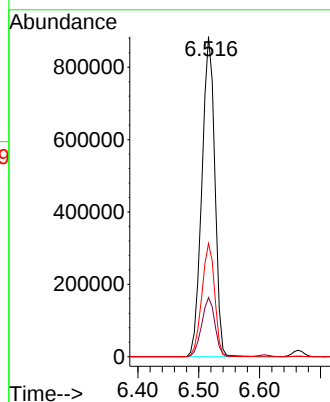
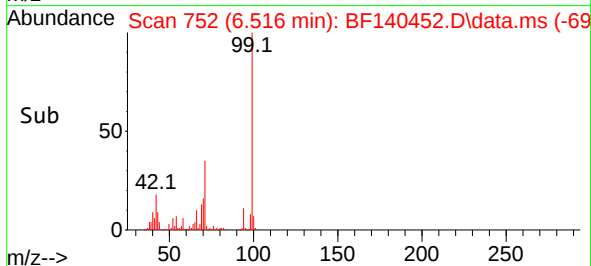
Instrument :
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Tgt Ion: 99 Resp: 1309300
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.4 27.9 41.9

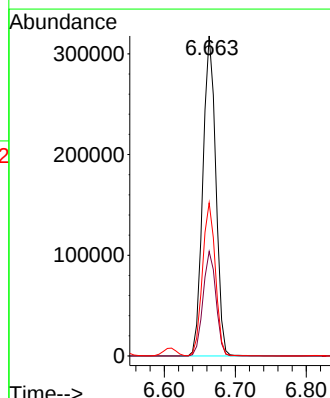
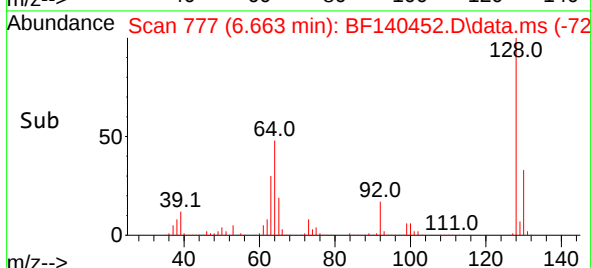
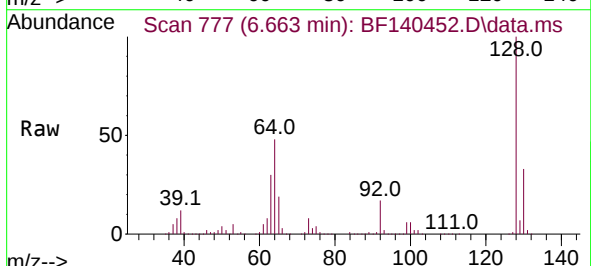
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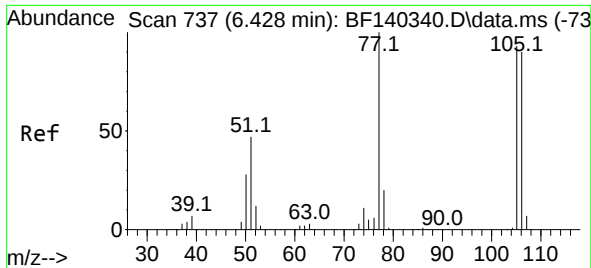
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 45.820 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:128 Resp: 404610
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 47.8 30.2 70.2





#9

Benzaldehyde

Concen: 40.804 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

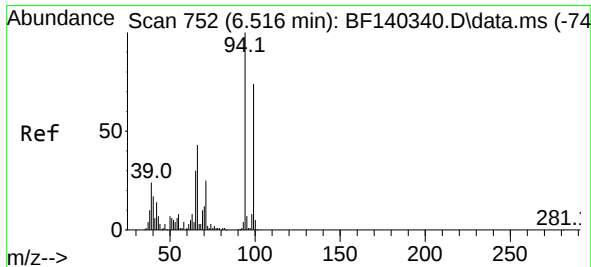
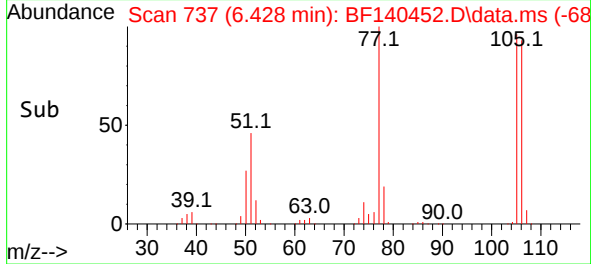
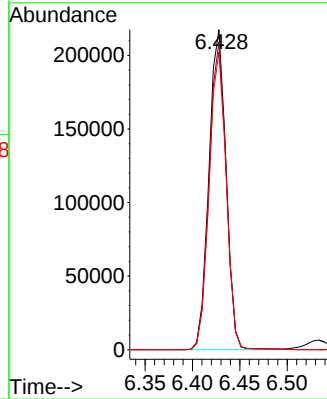
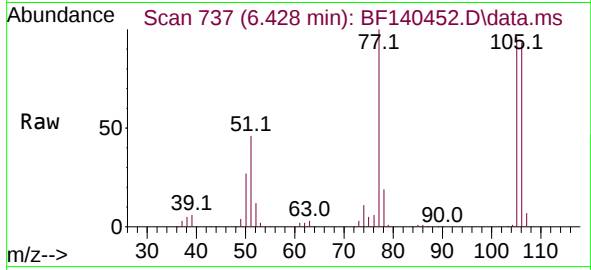
Tgt Ion:	77	Resp:	27236
Ion	Ratio	Lower	Upper
77	100		
105	96.2	74.4	114.4
106	93.1	69.9	109.9

Manual Integrations

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#10

Phenol

Concen: 43.063 ng

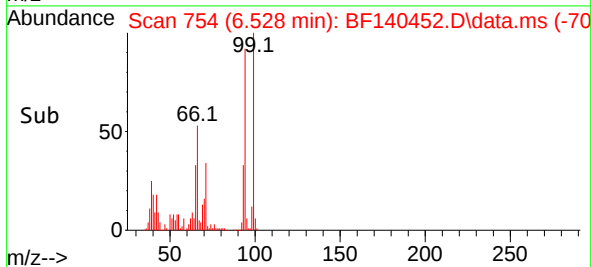
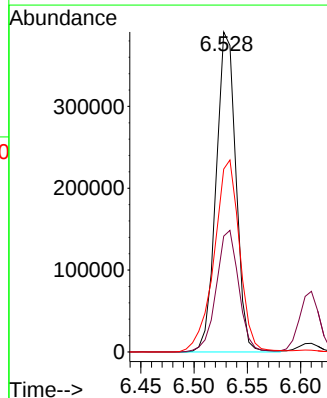
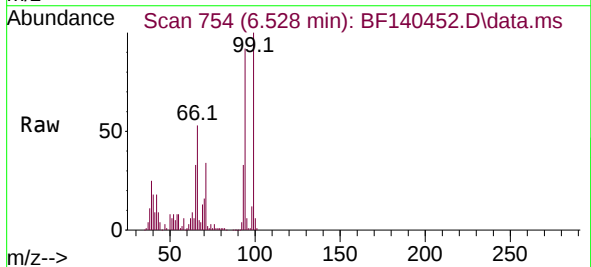
RT: 6.528 min Scan# 754

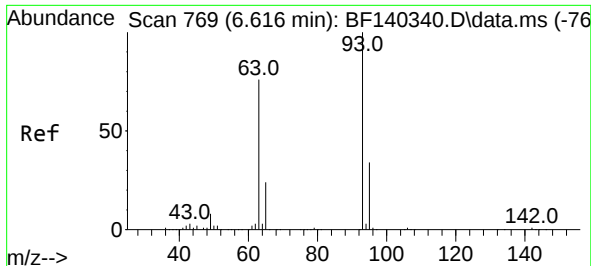
Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:	94	Resp:	505784
Ion	Ratio	Lower	Upper
94	100		
65	36.2	10.4	50.4
66	57.2	22.9	62.9





#11
bis(2-Chloroethyl)ether
Concen: 43.932 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

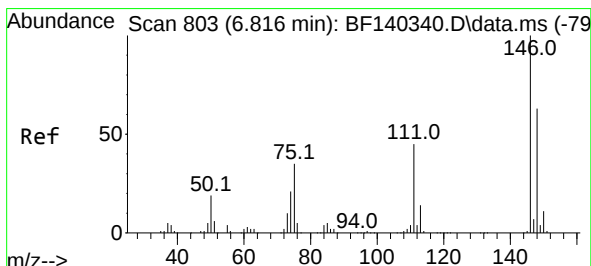
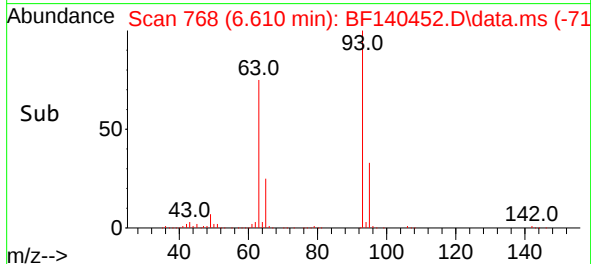
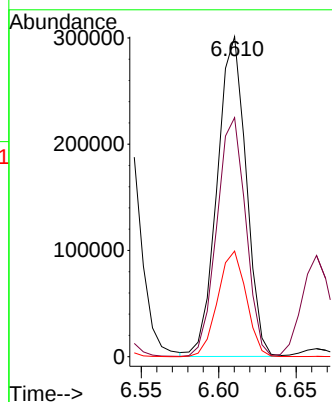
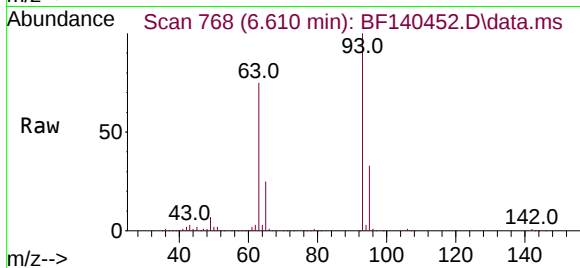
ClientSampleId :

PB164969BS

Tgt Ion: 93 Resp: 39096
Ion Ratio Lower Upper
93 100
63 74.7 54.0 94.0
95 33.0 12.9 52.9

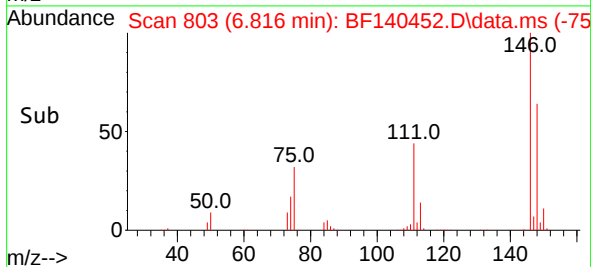
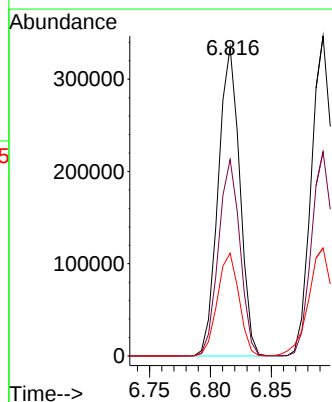
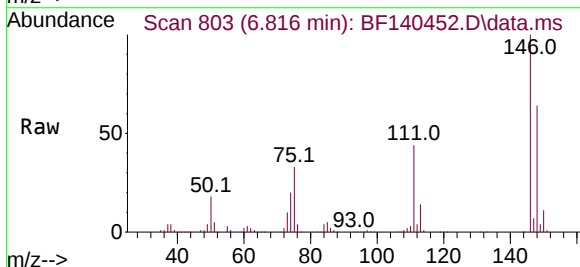
Manual Integrations
APPROVED

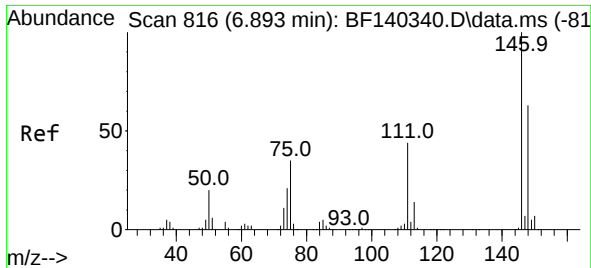
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 42.335 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:146 Resp: 412463
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
75 33.3 26.4 39.6





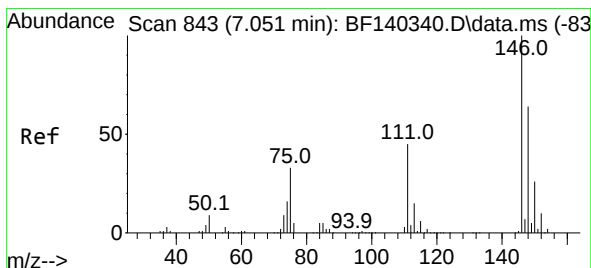
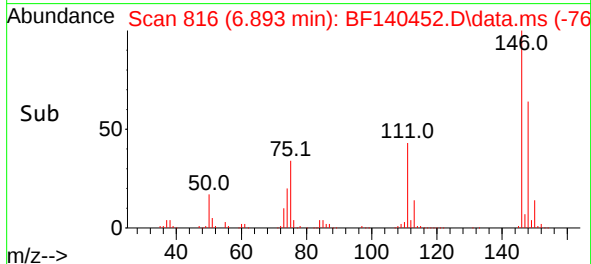
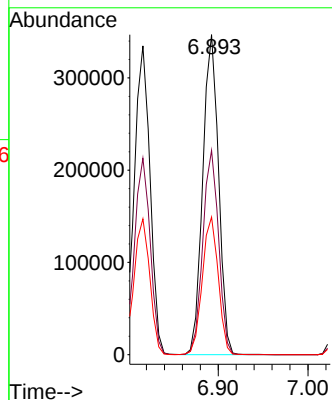
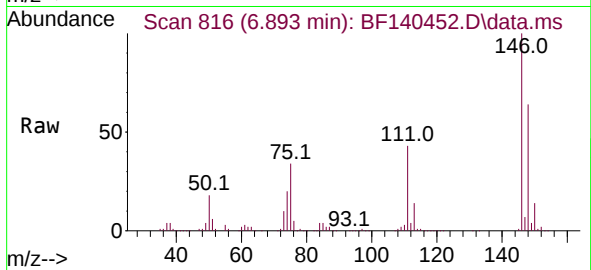
#13
1,4-Dichlorobenzene
Concen: 42.985 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:146 Resp: 424650
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 43.0 34.2 51.2

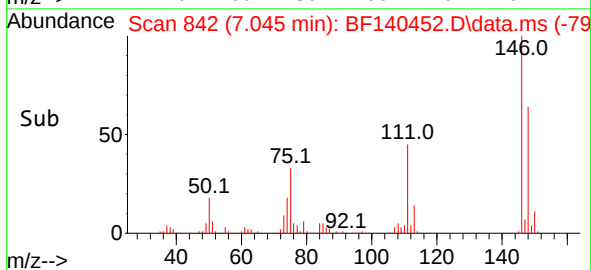
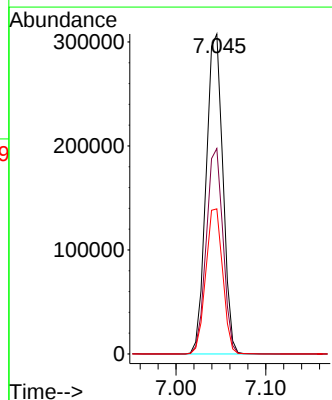
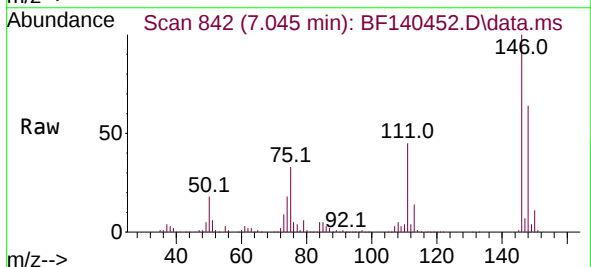
Manual Integrations
APPROVED

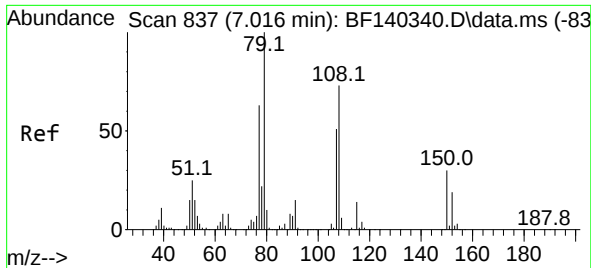
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 43.502 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

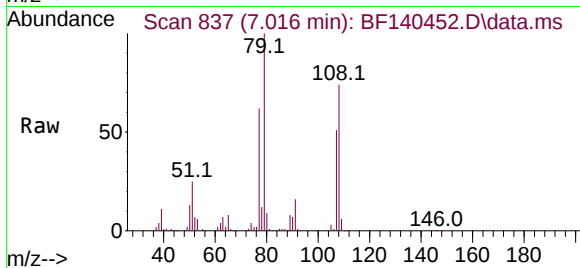
Tgt Ion:146 Resp: 398966
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 45.4 36.5 54.7





#15
Benzyl Alcohol
Concen: 45.368 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

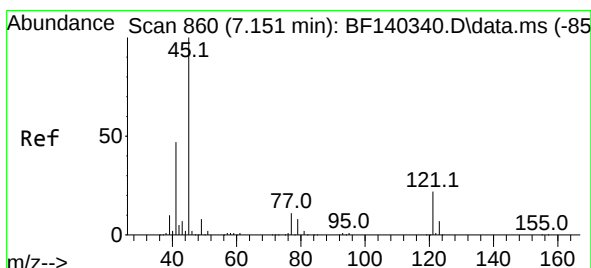
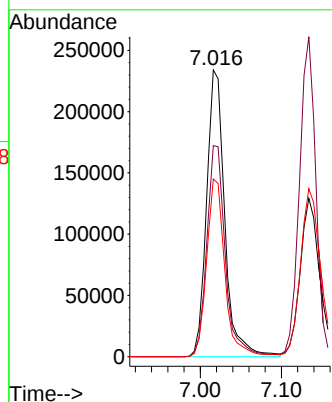
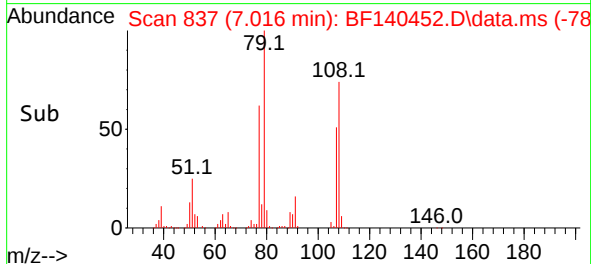
Instrument :
BNA_F
ClientSampleId :
PB164969BS



Tgt Ion: 79 Resp: 36404
Ion Ratio Lower Upper
79 100
108 73.6 57.8 86.6
77 62.0 49.8 74.6

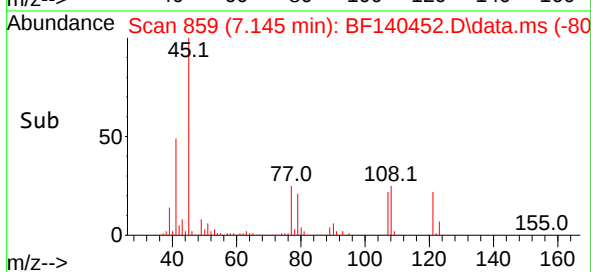
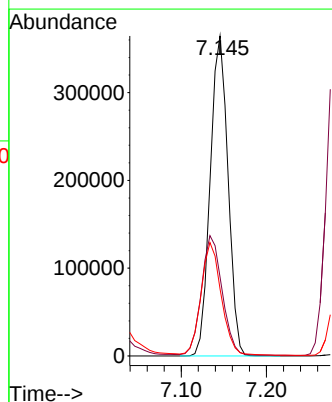
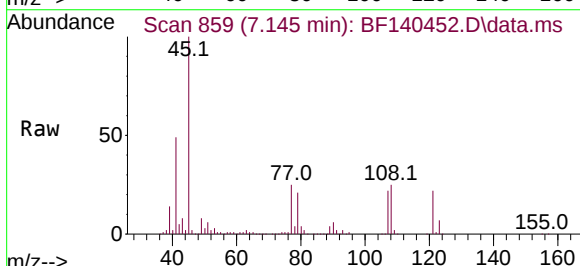
Manual Integrations
APPROVED

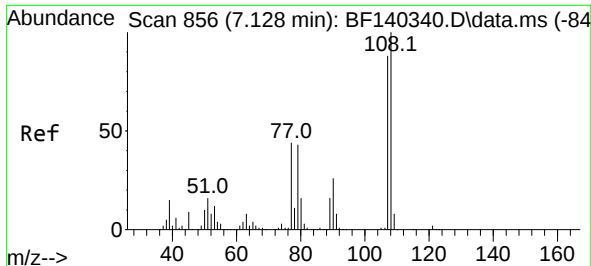
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.016 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 45 Resp: 528778
Ion Ratio Lower Upper
45 100
77 24.6 0.0 34.8
79 21.0 0.0 31.4





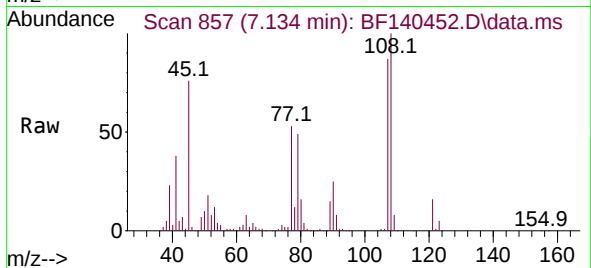
#17
2-Methylphenol
Concen: 44.338 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



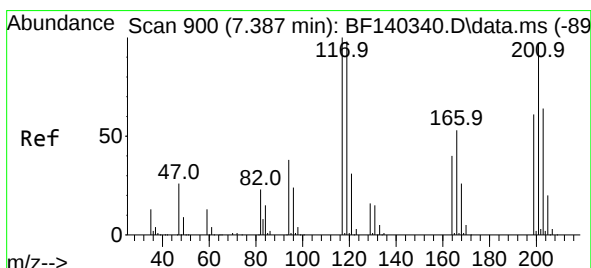
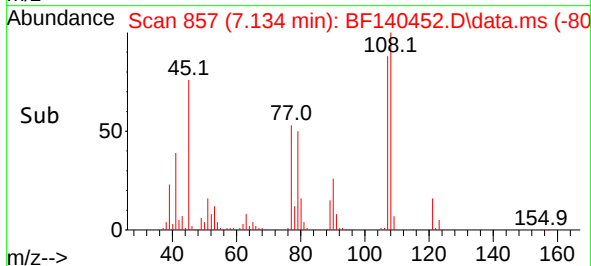
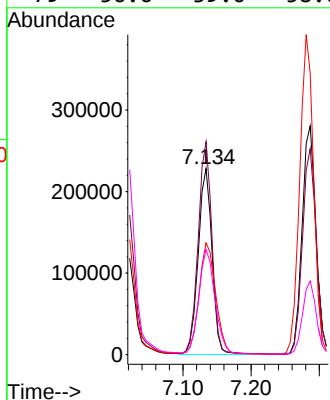
Tgt Ion:107 Resp: 322080
Ion Ratio Lower Upper
107 100
108 114.4 91.9 137.9
77 60.1 39.7 59.5
79 56.6 39.0 58.6

Manual Integrations

APPROVED

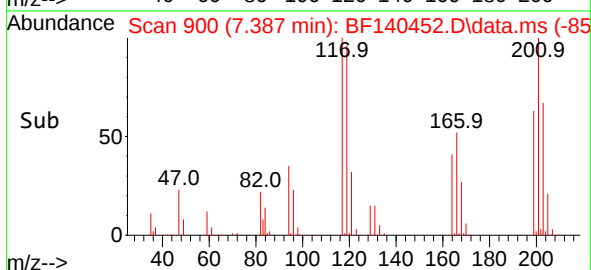
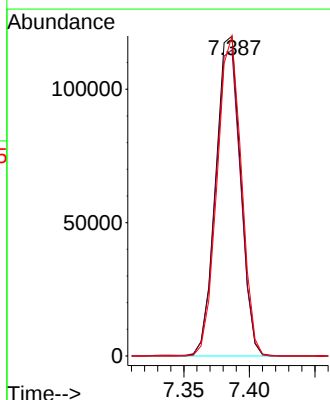
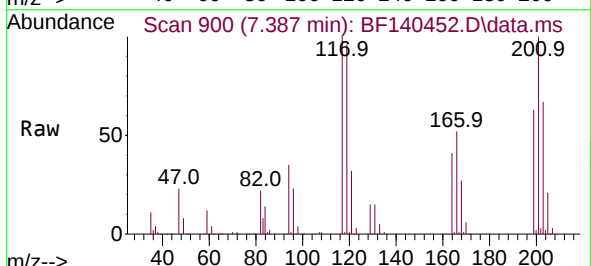
Reviewed By :Yogesh Patel 11/19/2024

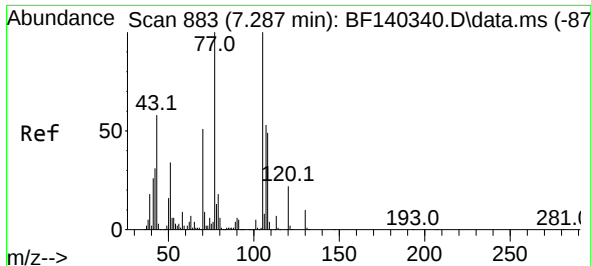
Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 43.160 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:117 Resp: 157629
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3
201 100.1 80.2 120.4





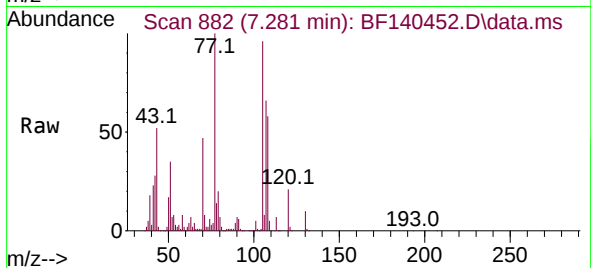
#19
n-Nitroso-di-n-propylamine
Concen: 42.594 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



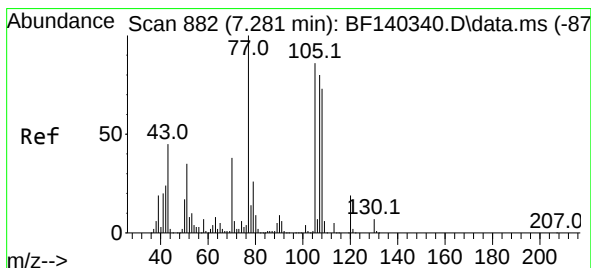
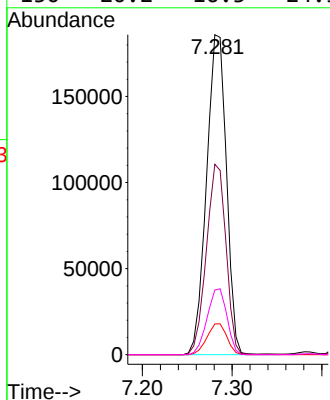
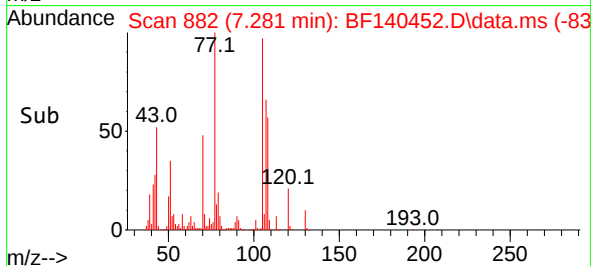
Tgt Ion: 70 Resp: 286509
Ion Ratio Lower Upper
70 100
42 59.5 46.8 70.2
101 9.6 7.5 11.3
130 20.2 16.3 24.5

Manual Integrations

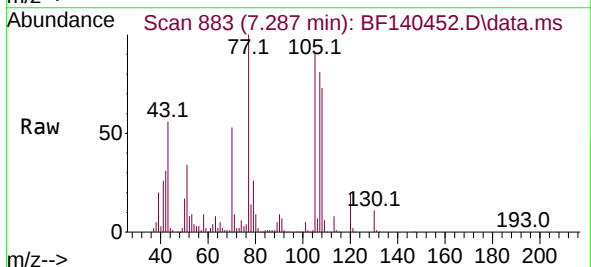
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

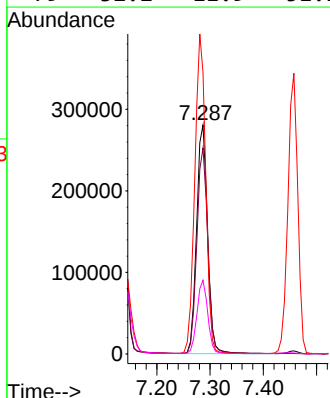
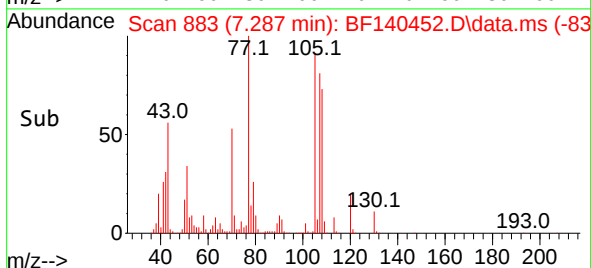
Supervised By :mohammad ahmed 11/19/2024

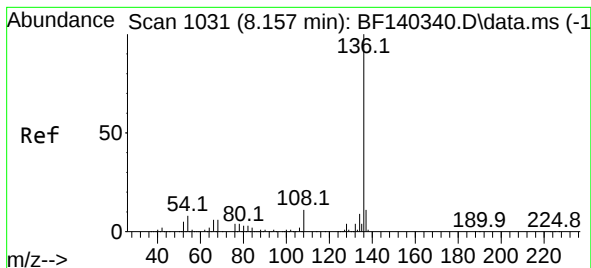


#20
3+4-Methylphenols
Concen: 44.181 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:107 Resp: 401362
Ion Ratio Lower Upper
107 100
108 90.0 71.4 111.4
77 123.0 97.0 137.0
79 32.2 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

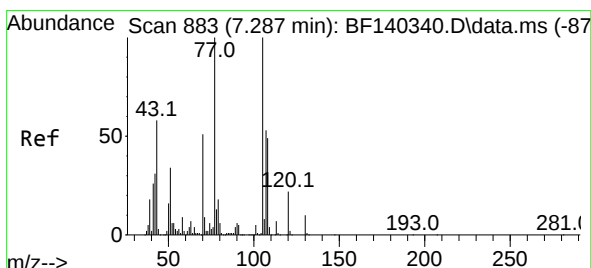
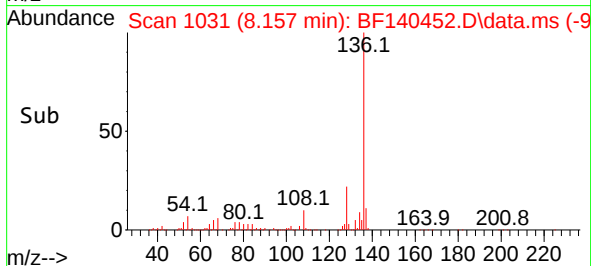
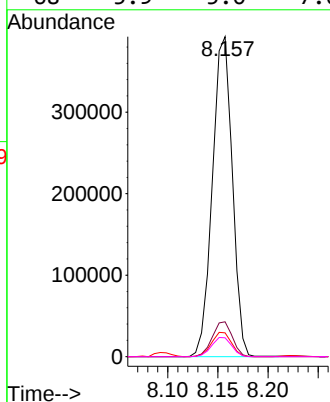
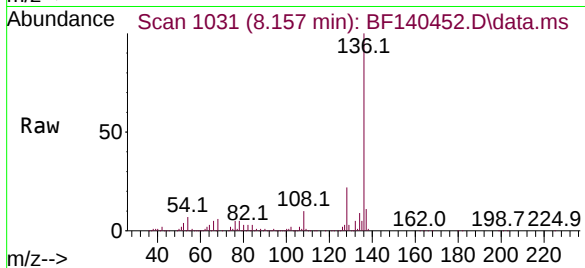
PB164969BS

Tgt Ion:136 Resp: 54296
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.4 6.5 9.7
68 5.9 5.0 7.6

Manual Integrations

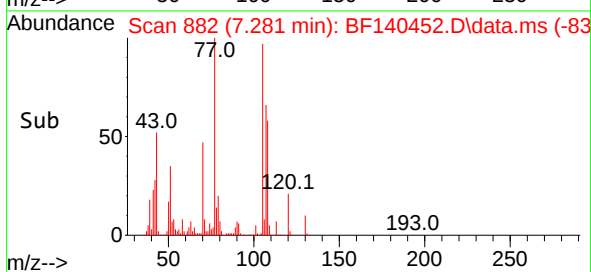
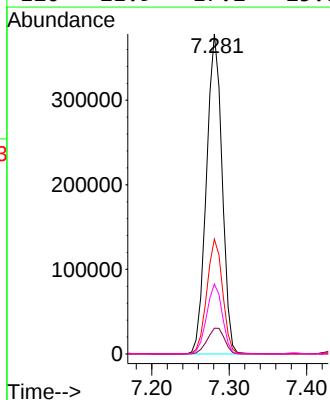
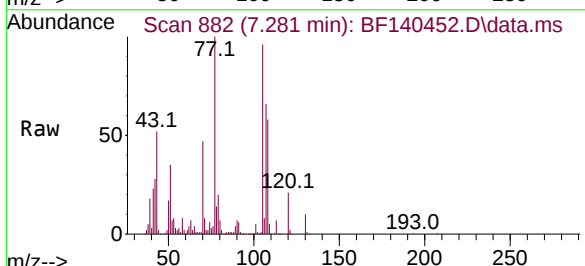
APPROVED

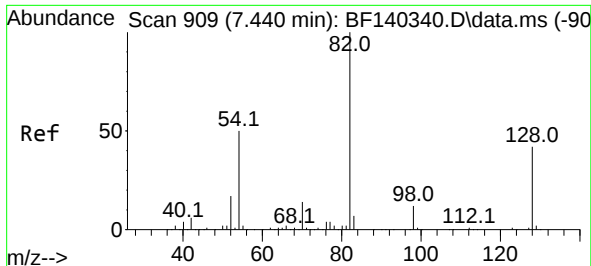
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#22
Acetophenone
Concen: 42.032 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:105 Resp: 530788
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 35.9 28.6 43.0
120 21.9 17.2 25.8





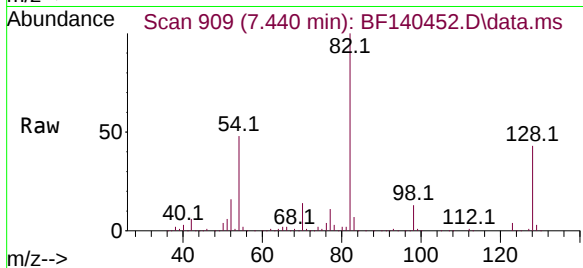
#23
Nitrobenzene-d5
Concen: 82.634 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

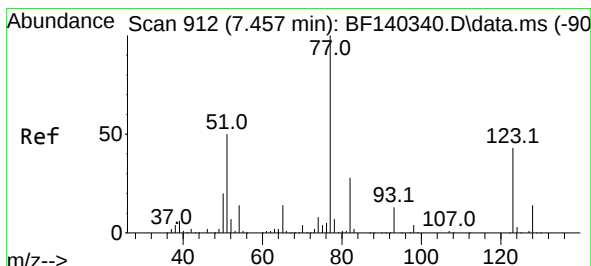
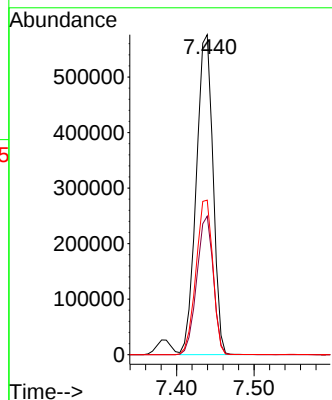
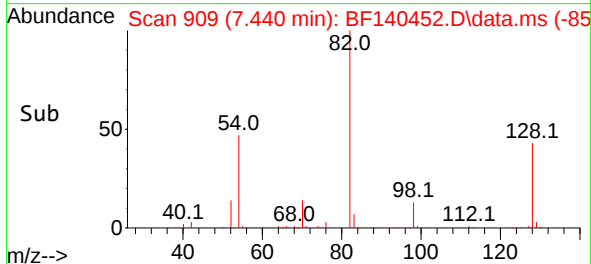


Tgt Ion: 82 Resp: 861125
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 48.3 39.8 59.8

Manual Integrations

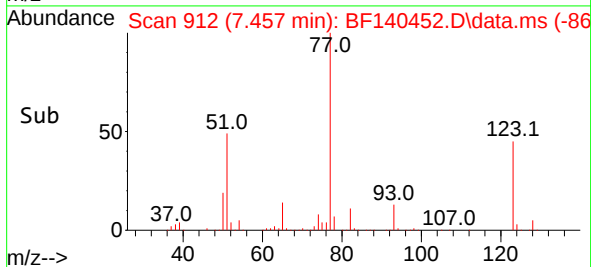
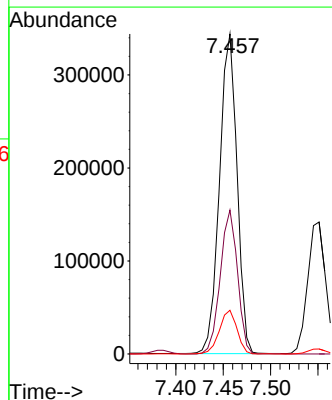
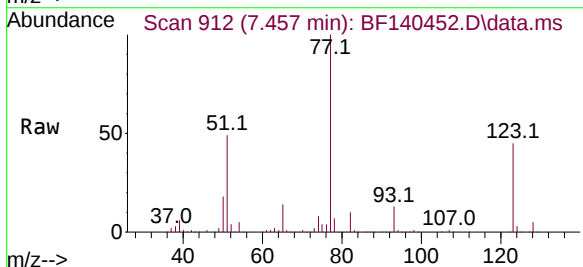
APPROVED

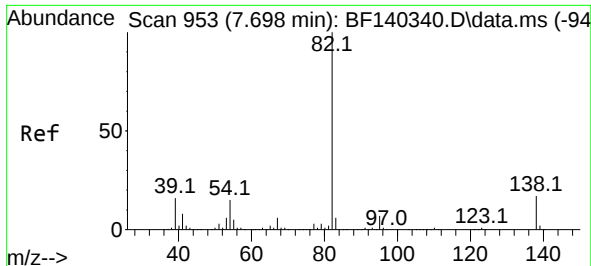
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#24
Nitrobenzene
Concen: 40.878 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 77 Resp: 443530
Ion Ratio Lower Upper
77 100
123 44.9 35.4 53.0
65 13.6 11.1 16.7





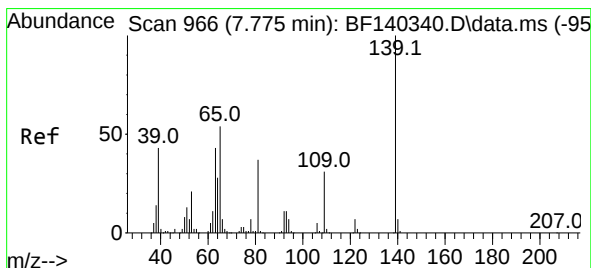
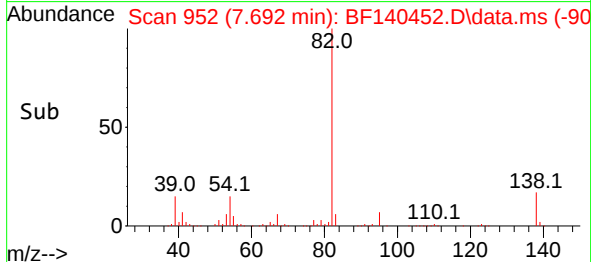
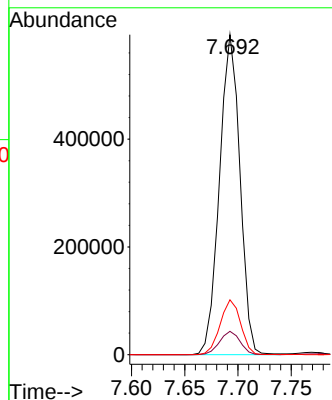
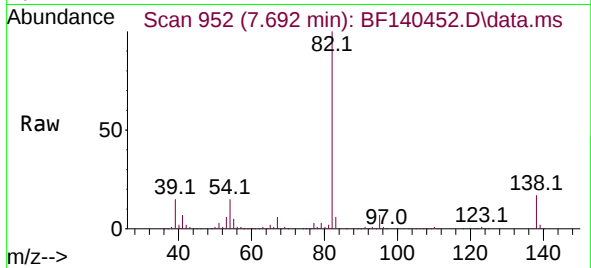
#25
Isophorone
Concen: 42.943 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion: 82 Resp: 793111
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.1 13.4 20.2

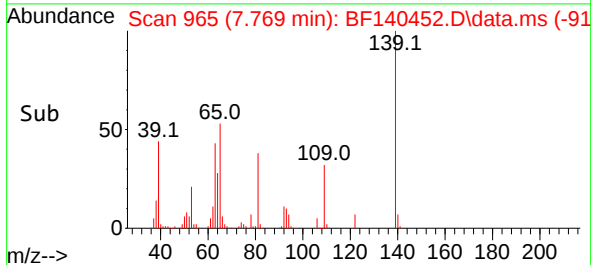
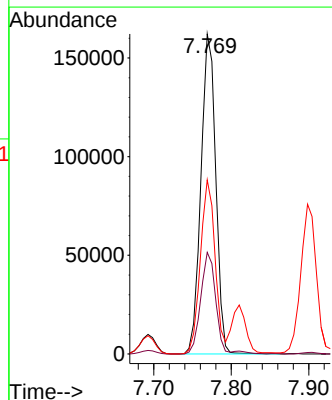
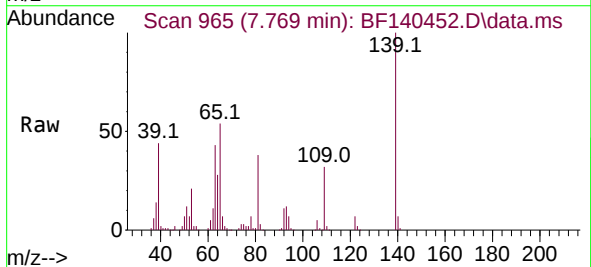
Manual Integrations
APPROVED

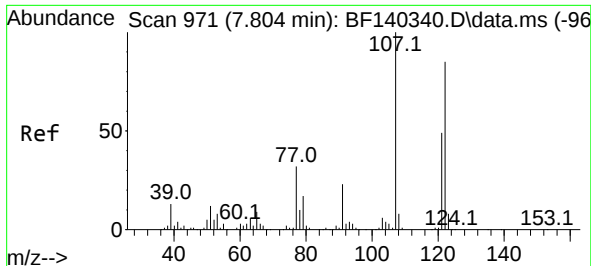
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#26
2-Nitrophenol
Concen: 44.767 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

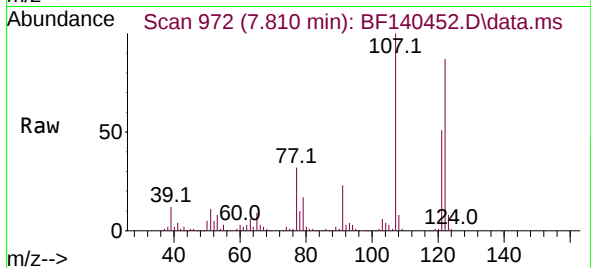
Tgt Ion:139 Resp: 215542
Ion Ratio Lower Upper
139 100
109 31.7 24.4 36.6
65 54.4 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 53.495 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

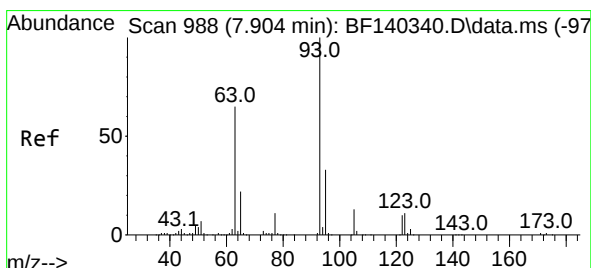
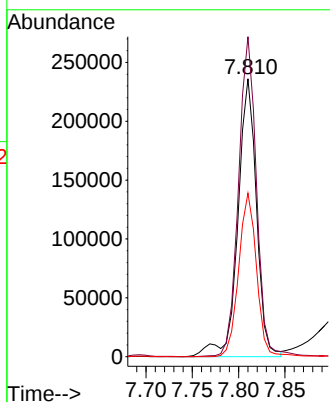
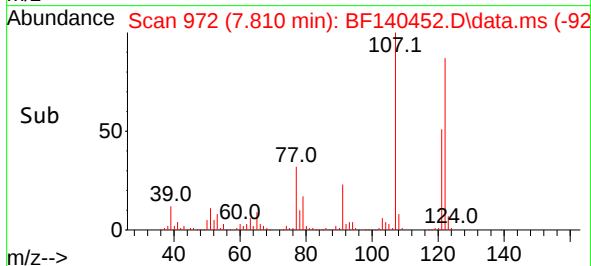
Instrument :
BNA_F
ClientSampleId :
PB164969BS



Tgt Ion:122 Resp: 32975
Ion Ratio Lower Upper
122 100
107 115.2 91.3 136.9
121 58.8 45.5 68.3

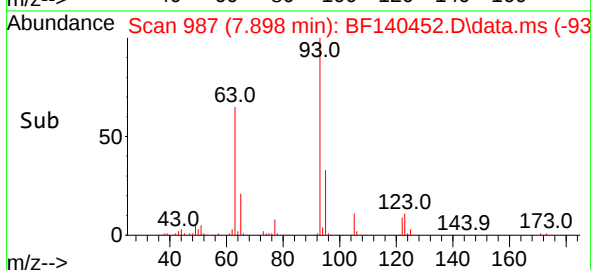
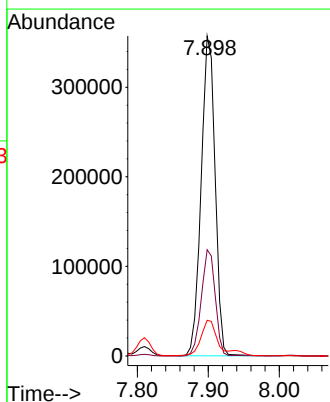
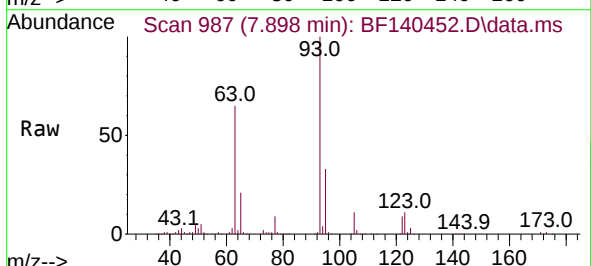
Manual Integrations
APPROVED

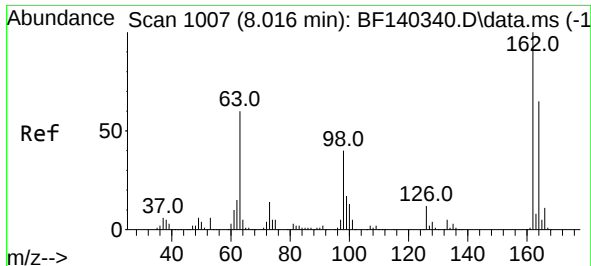
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.206 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 93 Resp: 489301
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.651 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion:162 Resp: 34015

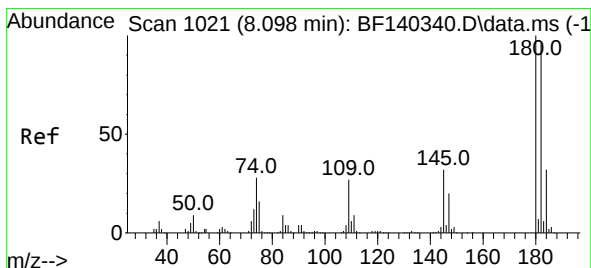
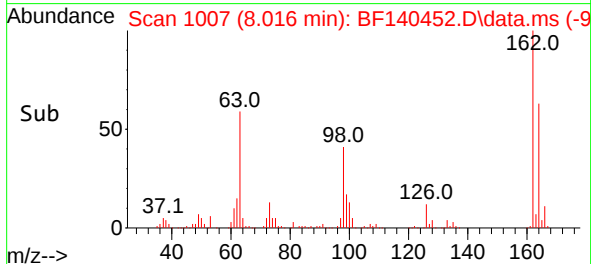
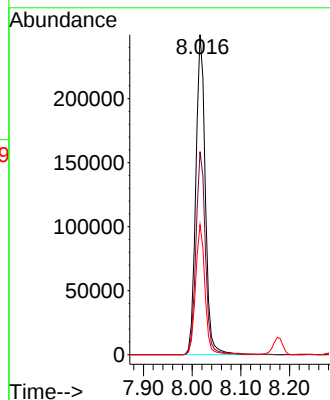
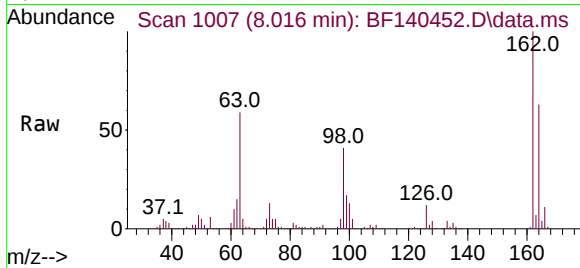
Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.4	85.4
98	40.6	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.372 ng

RT: 8.092 min Scan# 1020

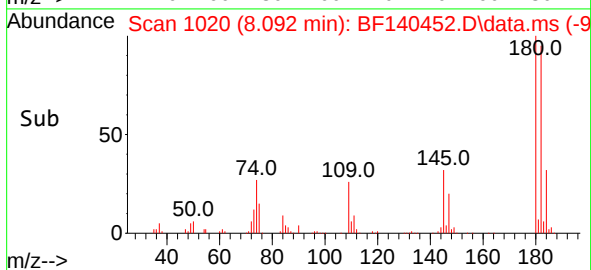
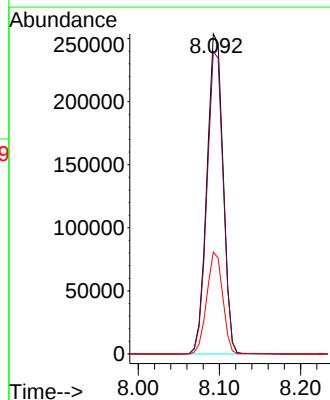
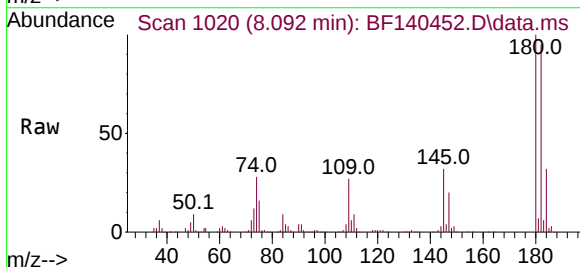
Delta R.T. -0.006 min

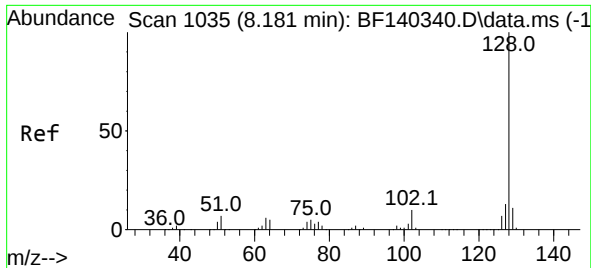
Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:180 Resp: 350892

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.5	114.7
145	31.9	25.3	37.9





#31
Naphthalene
Concen: 42.328 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

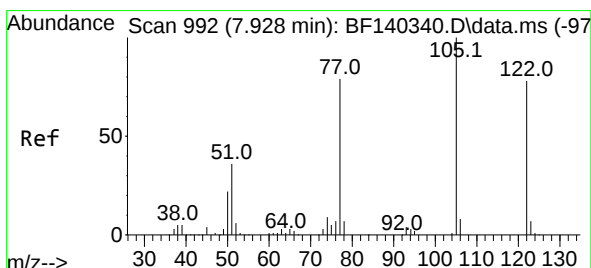
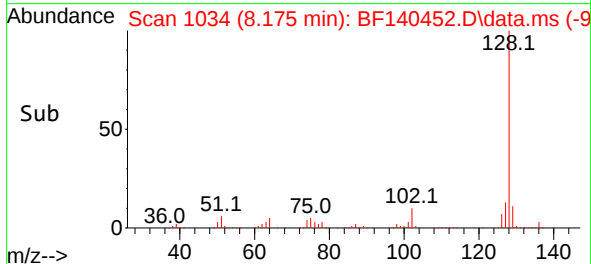
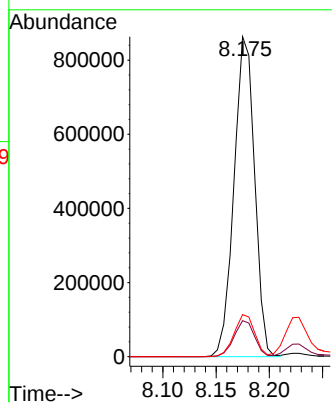
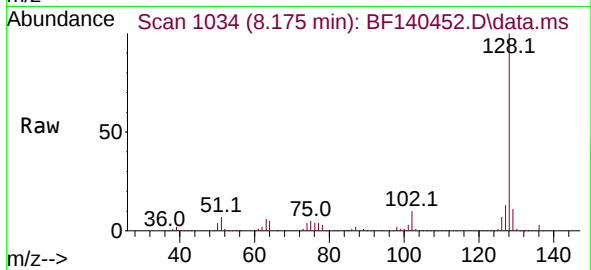
PB164969BS

Tgt Ion:128 Resp: 1165840
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8

Manual Integrations

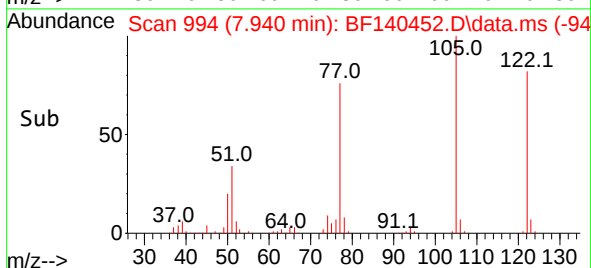
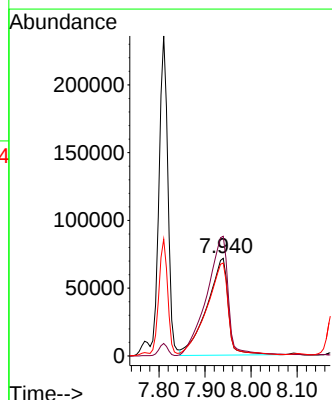
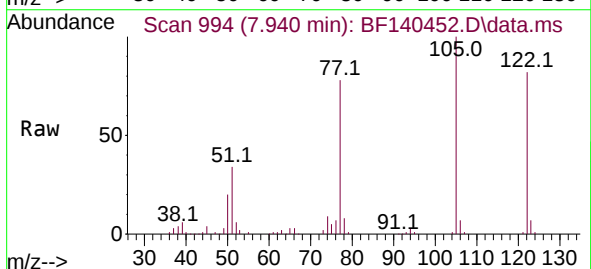
APPROVED

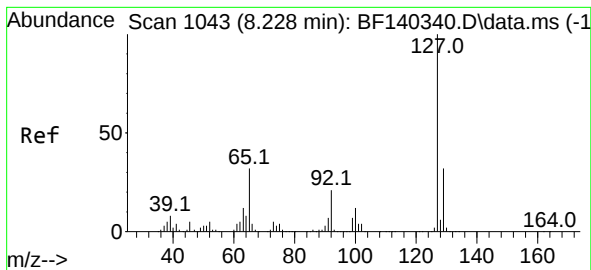
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 42.506 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:122 Resp: 230552
Ion Ratio Lower Upper
122 100
105 122.6 100.9 140.9
77 95.3 76.0 116.0





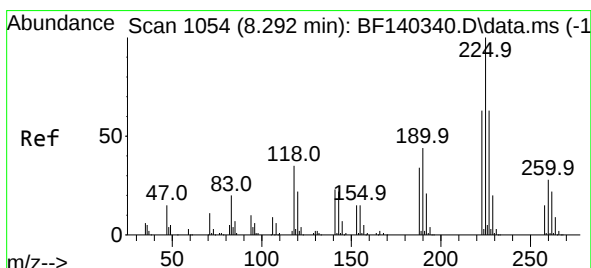
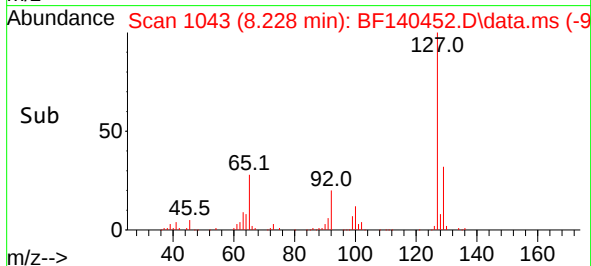
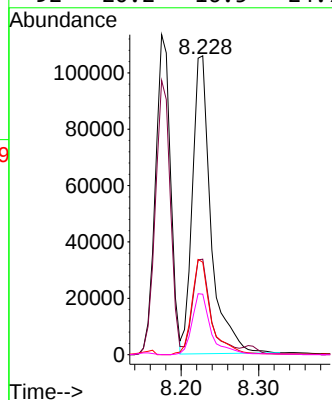
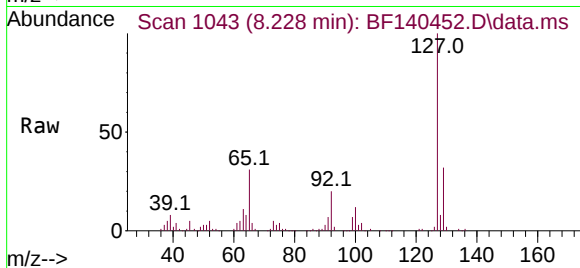
#33
4-Chloroaniline
Concen: 18.416 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:127 Resp: 176404
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.4
65 30.9 25.8 38.6
92 20.2 16.5 24.7

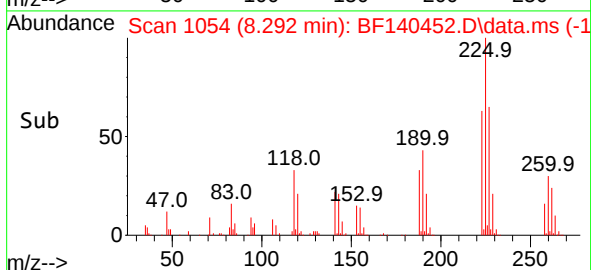
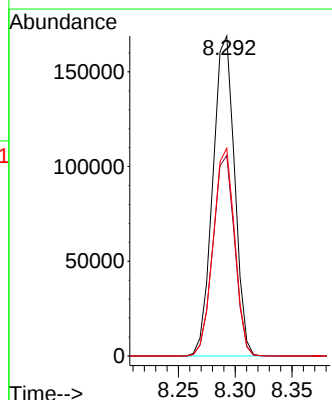
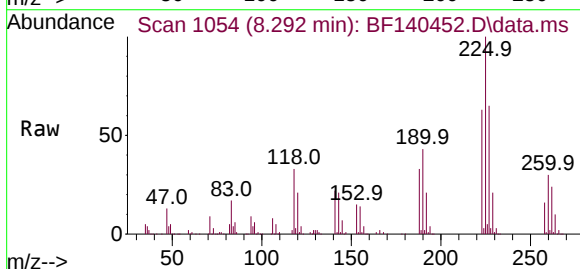
Manual Integrations
APPROVED

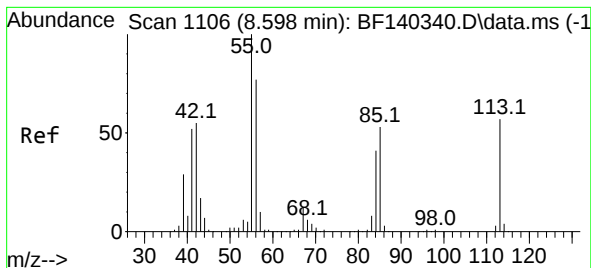
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 41.660 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:225 Resp: 225130
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 64.9 51.3 76.9





#35

Caprolactam

Concen: 42.449 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion:113 Resp: 107480

Ion Ratio Lower Upper

113 100

55 165.4 150.0 190.0

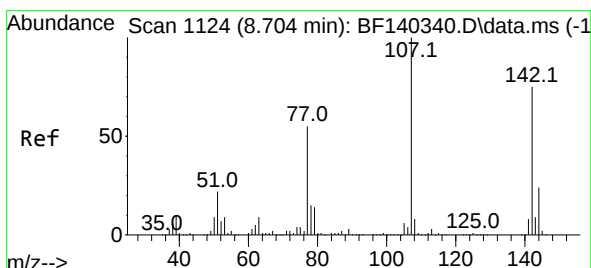
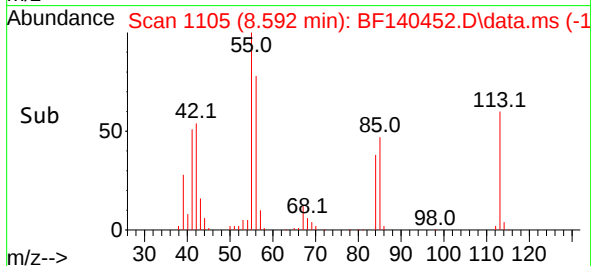
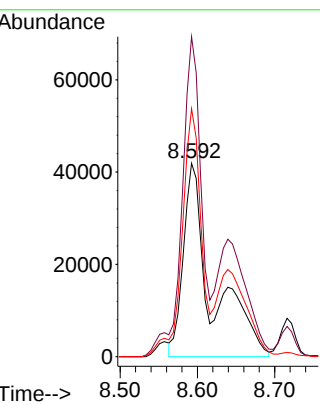
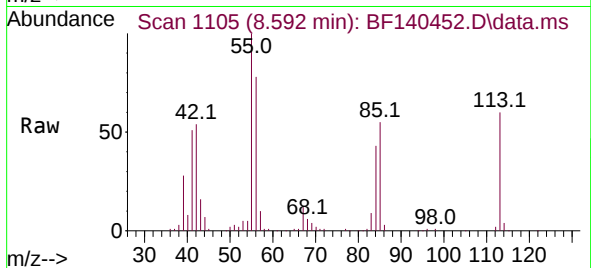
56 128.2 111.1 151.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#36

4-Chloro-3-methylphenol

Concen: 44.041 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

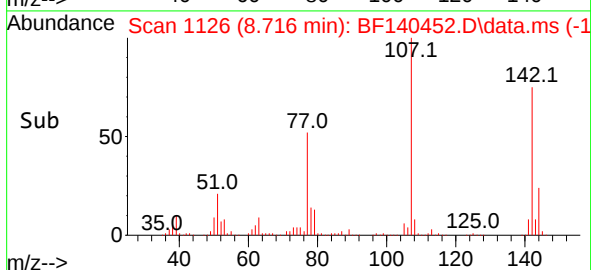
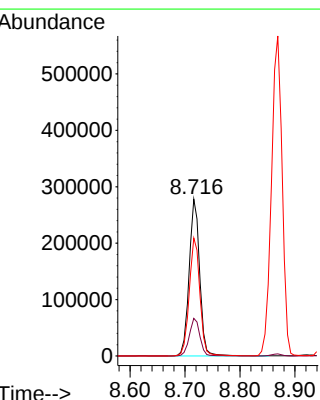
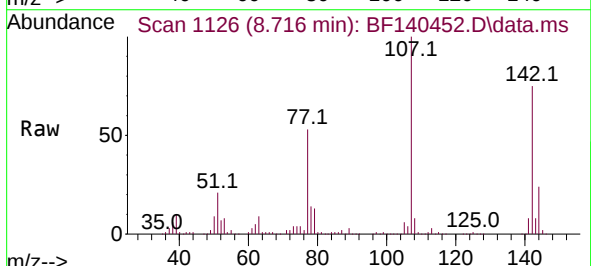
Tgt Ion:107 Resp: 371810

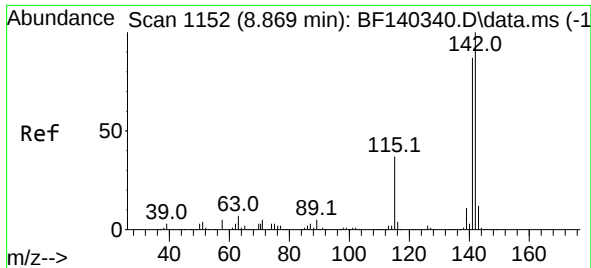
Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

142 75.1 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.330 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

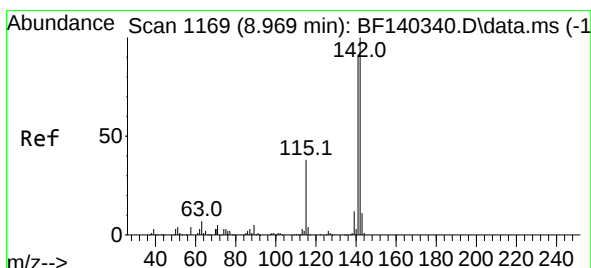
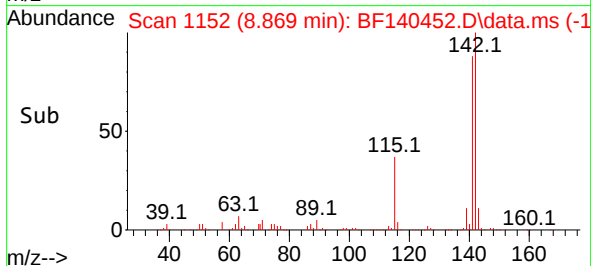
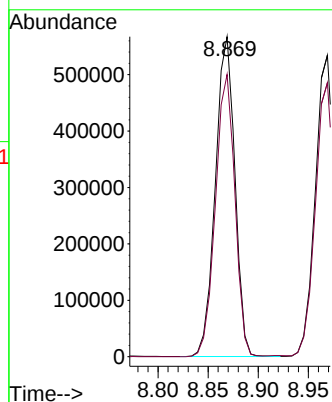
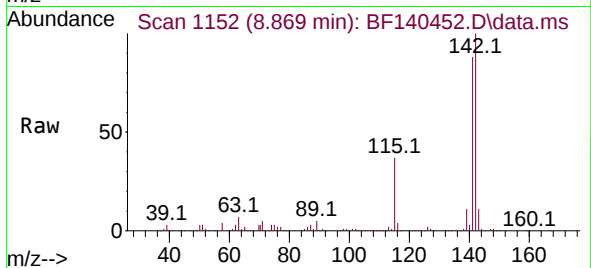
PB164969BS

Tgt Ion:142 Resp: 76527
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6

Manual Integrations

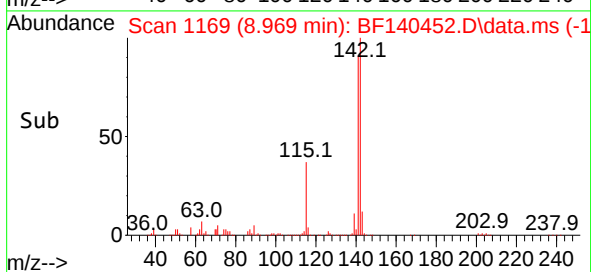
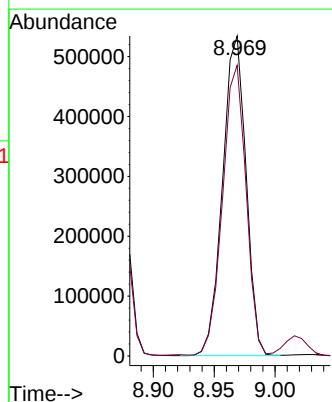
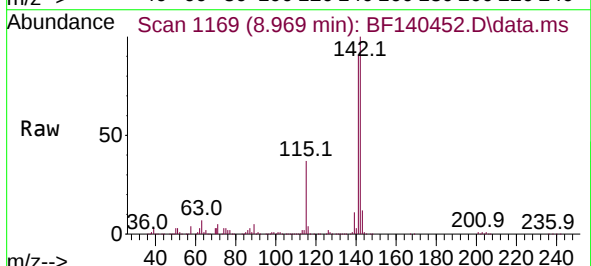
APPROVED

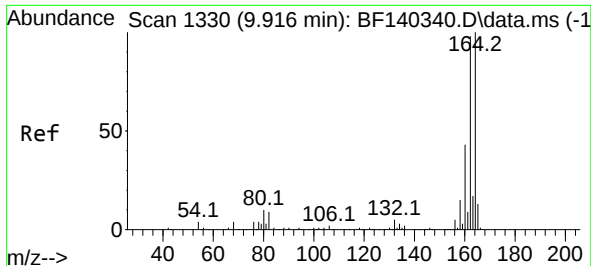
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#38
1-Methylnaphthalene
Concen: 41.444 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

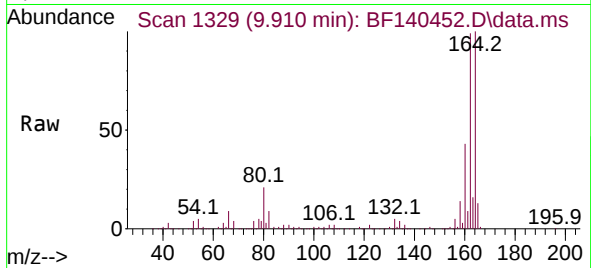
Tgt Ion:142 Resp: 716759
Ion Ratio Lower Upper
142 100
141 90.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

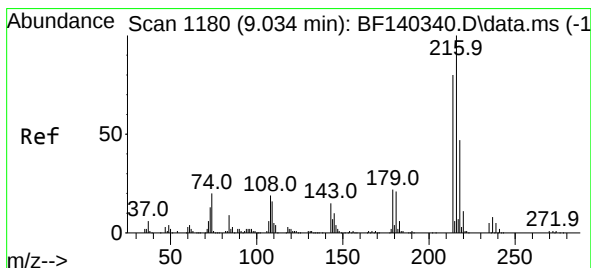
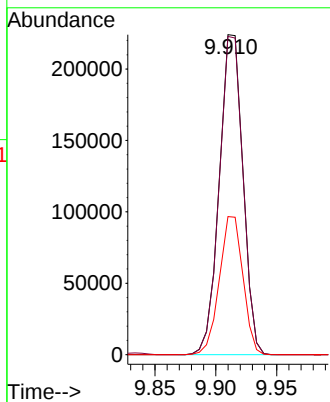
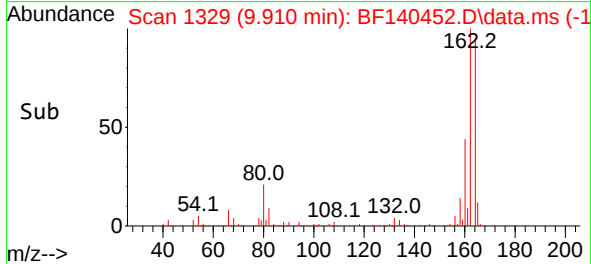
Instrument :
BNA_F
ClientSampleId :
PB164969BS



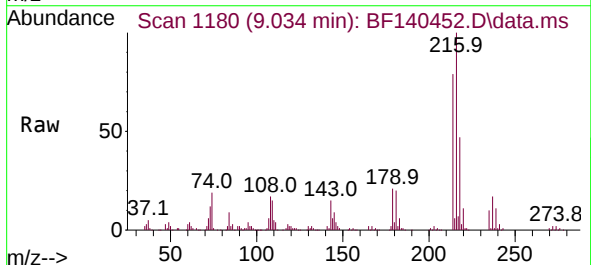
Tgt Ion:164 Resp: 30354
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 43.2 35.4 53.0

Manual Integrations
APPROVED

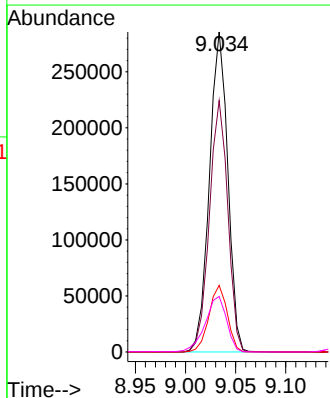
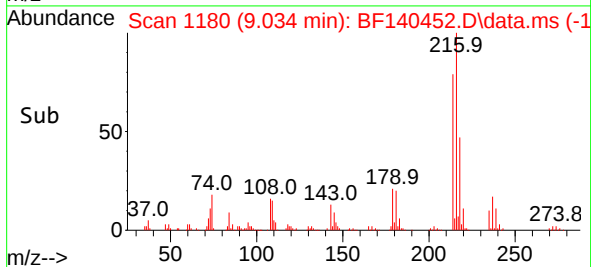
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

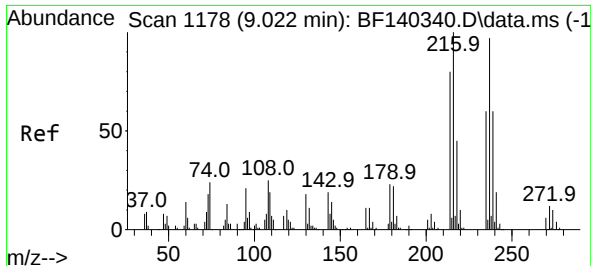


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.412 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:216 Resp: 364394
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 20.8 17.2 25.8
108 20.3 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 169.973 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

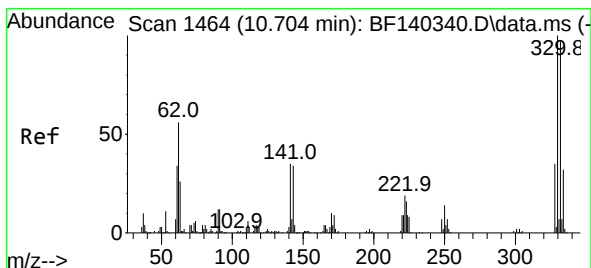
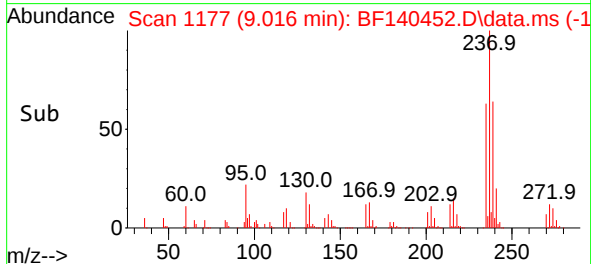
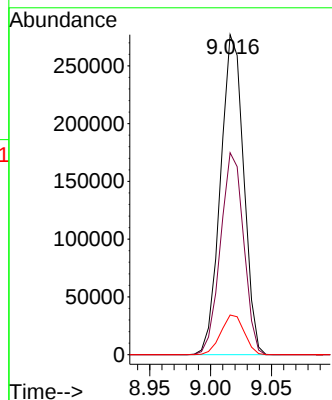
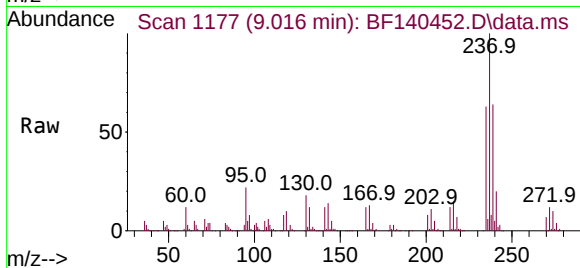
PB164969BS

Tgt Ion:237 Resp: 366320
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 12.4 0.0 33.1

Manual Integrations

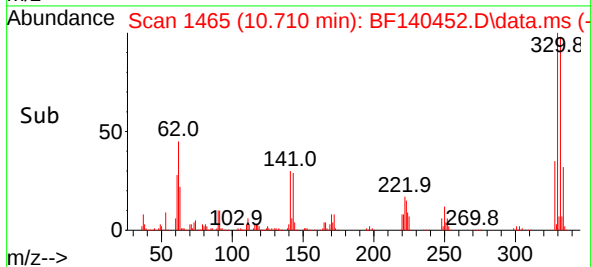
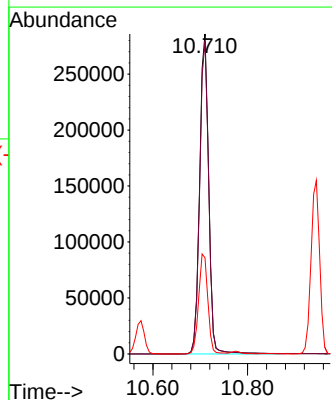
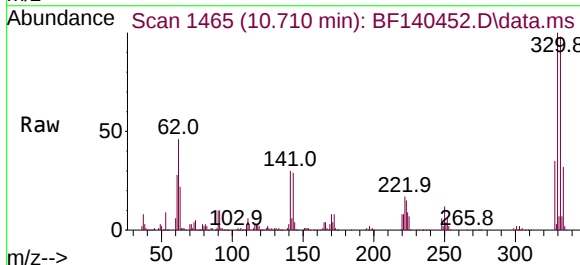
APPROVED

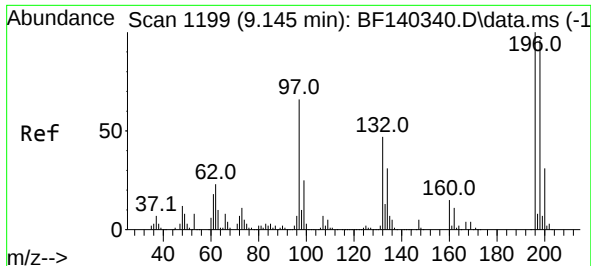
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#42
2,4,6-Tribromophenol
Concen: 125.583 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

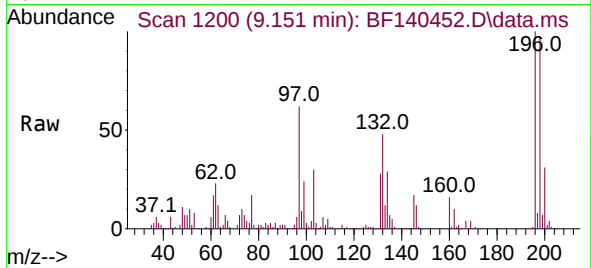
Tgt Ion:330 Resp: 379070
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 31.9 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 42.974 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

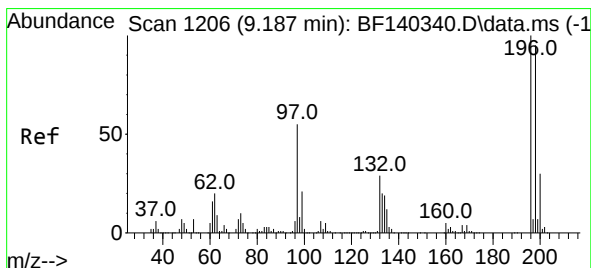
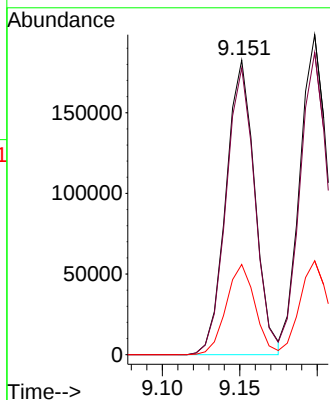
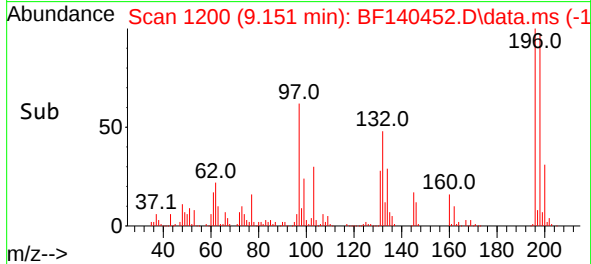
Instrument :
BNA_F
ClientSampleId :
PB164969BS



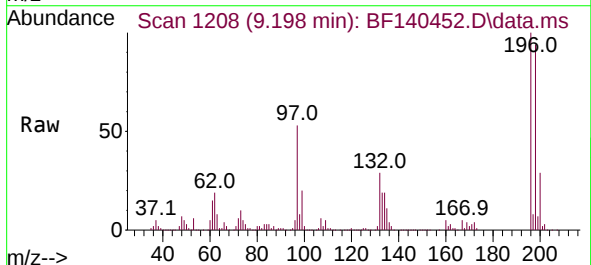
Tgt Ion:196 Resp: 236720
Ion Ratio Lower Upper
196 100
198 97.3 77.0 115.4
200 30.6 24.2 36.4

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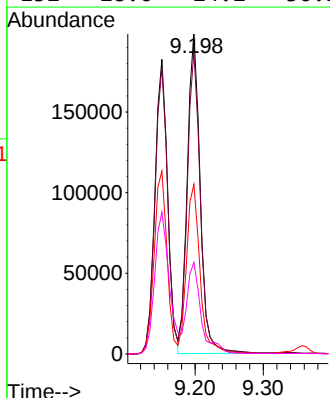
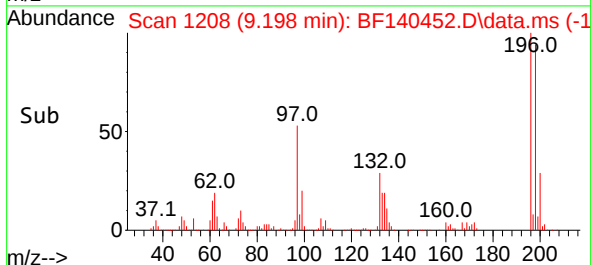
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

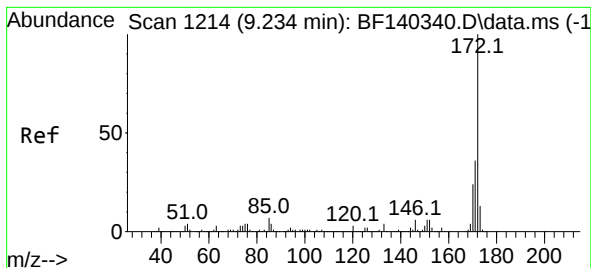


#44
2,4,5-Trichlorophenol
Concen: 43.082 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:196 Resp: 259469
Ion Ratio Lower Upper
196 100
198 94.5 77.6 116.4
97 53.0 45.4 68.2
132 28.6 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 83.734 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion:172 Resp: 1581098

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

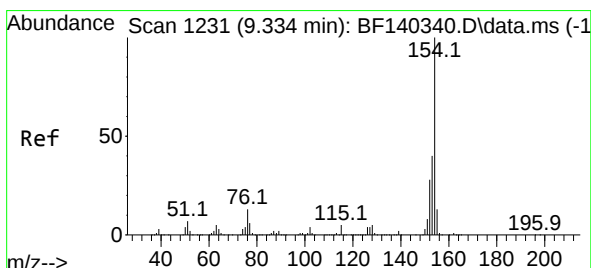
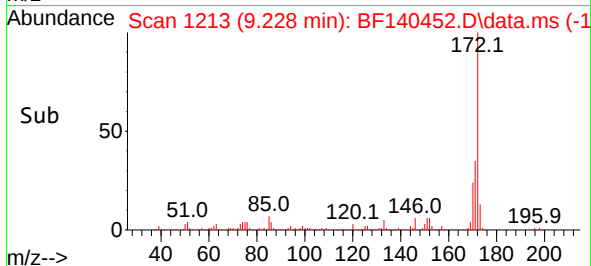
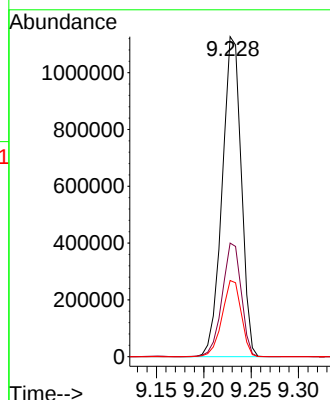
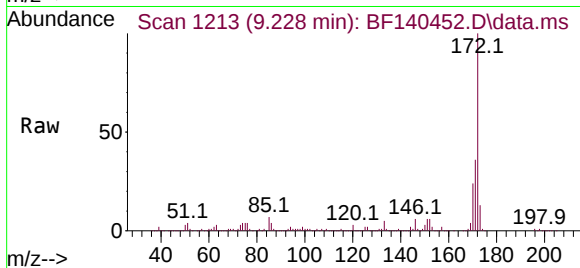
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#46

1,1'-Biphenyl

Concen: 43.213 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

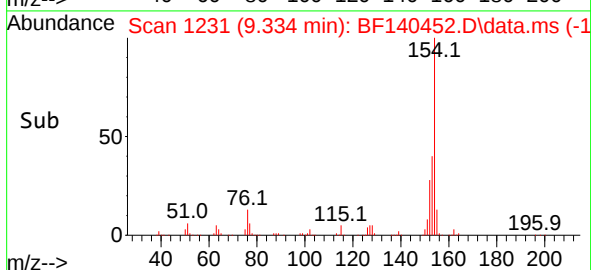
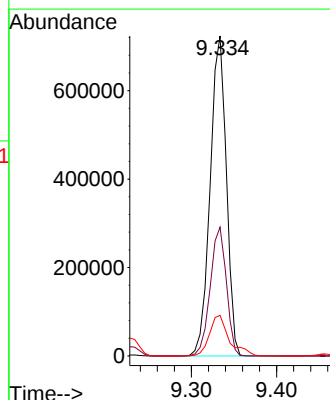
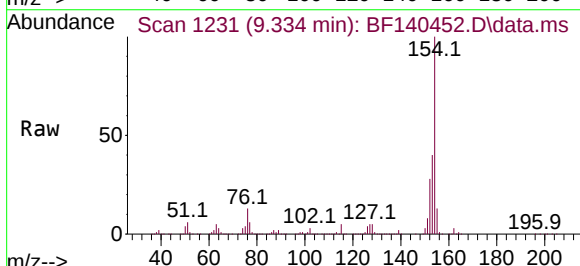
Tgt Ion:154 Resp: 954253

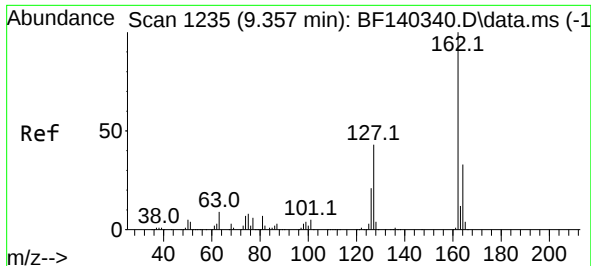
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 12.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.215 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

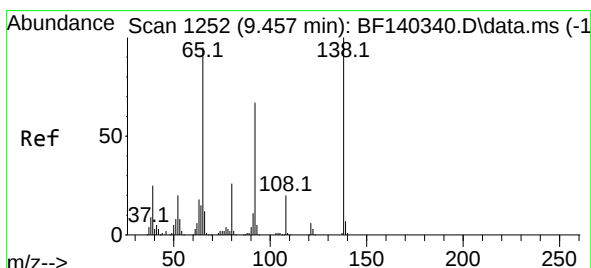
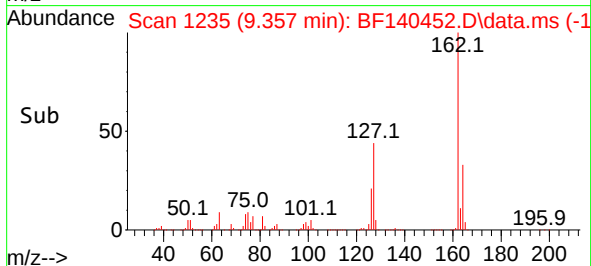
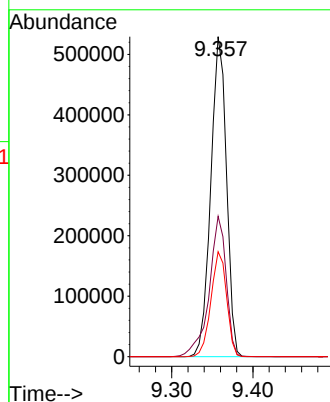
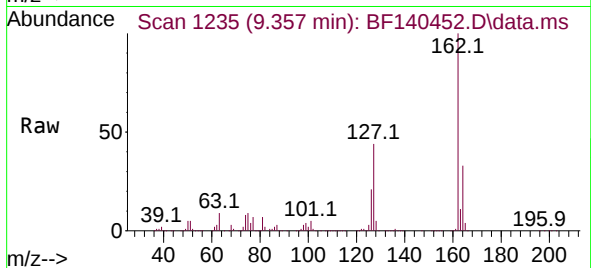
Tgt Ion:	162	Resp:	71012
Ion Ratio	Lower	Upper	
162	100		
127	43.8	34.0	51.0
164	32.8	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 42.488 ng

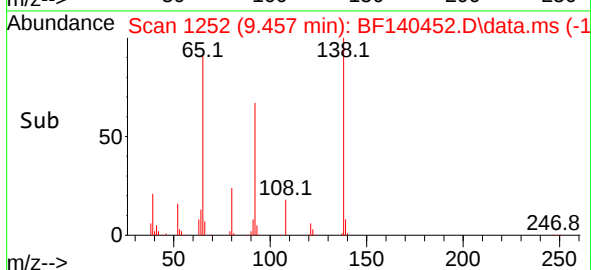
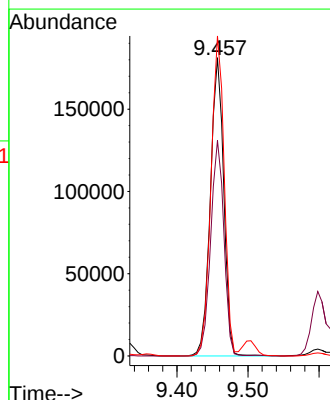
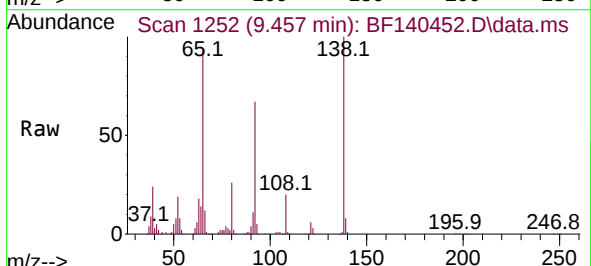
RT: 9.457 min Scan# 1252

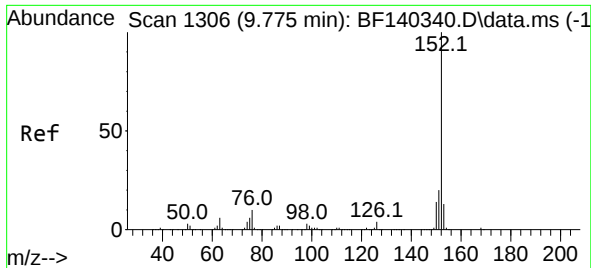
Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:	65	Resp:	237028
Ion Ratio	Lower	Upper	
65	100		
92	72.3	56.4	84.6
138	107.3	84.8	127.2





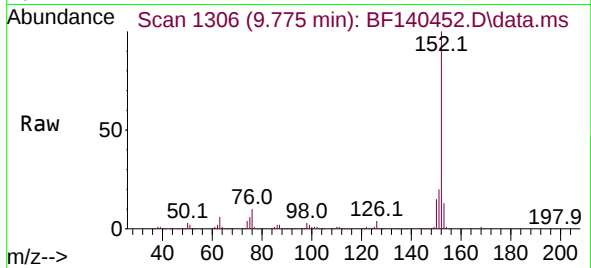
#49
Acenaphthylene
Concen: 46.592 ng
RT: 9.775 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



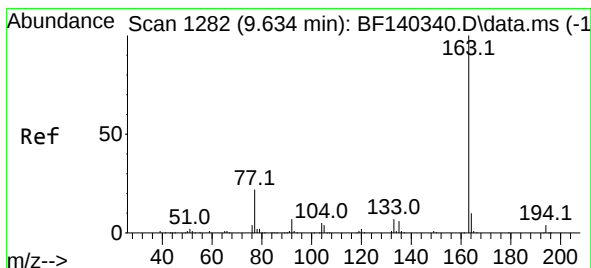
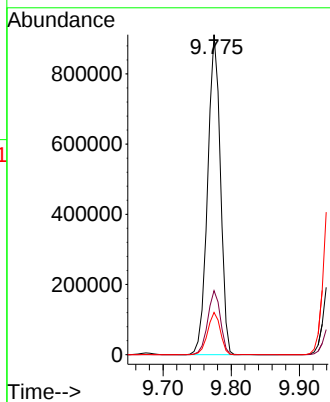
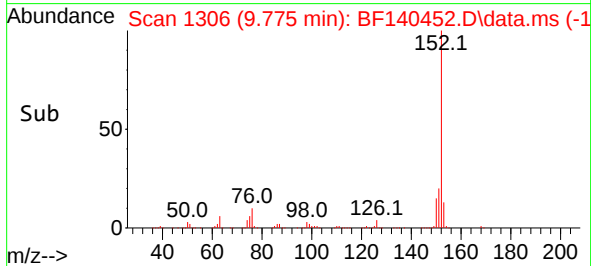
Tgt Ion:152 Resp: 1185818
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.7 16.1

Manual Integrations

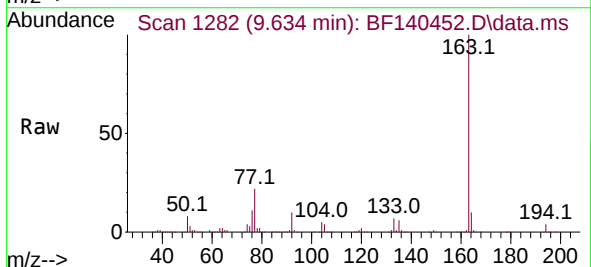
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

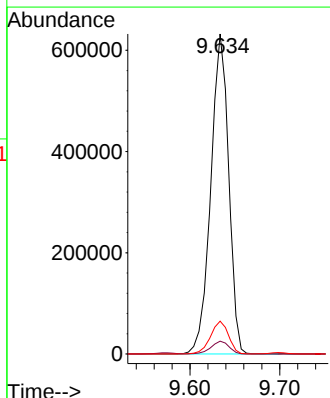
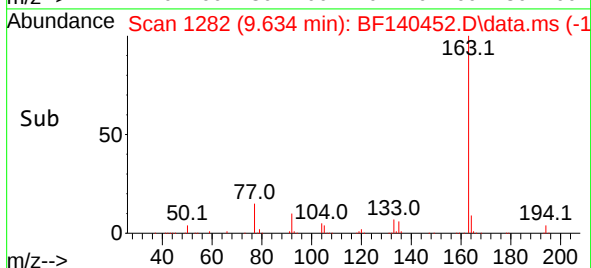
Supervised By :mohammad ahmed 11/19/2024

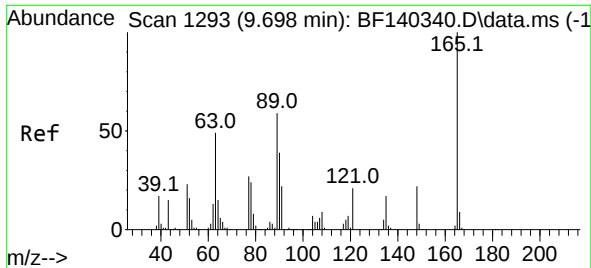


#50
Dimethylphthalate
Concen: 44.225 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



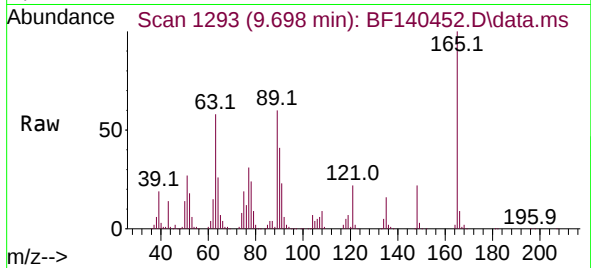
Tgt Ion:163 Resp: 874992
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 42.244 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

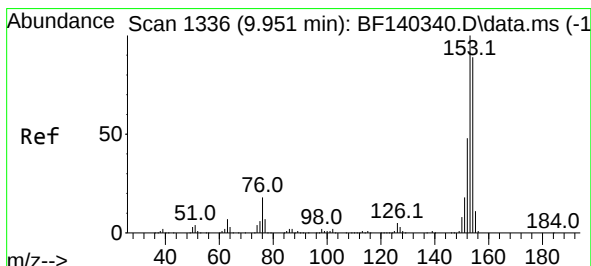
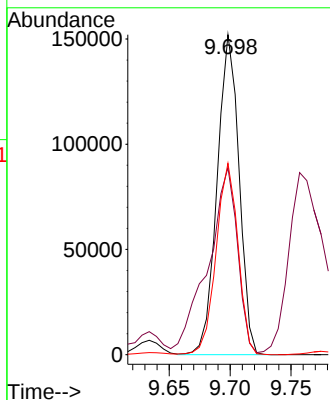
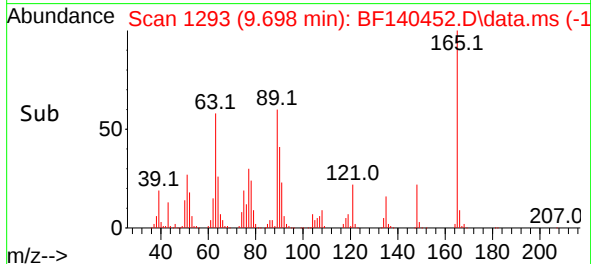
Instrument :
BNA_F
ClientSampleId :
PB164969BS



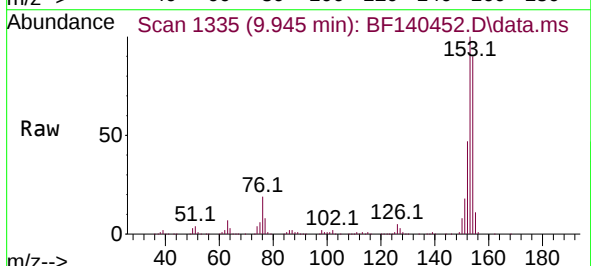
Tgt Ion:165 Resp: 190549
Ion Ratio Lower Upper
165 100
63 58.4 47.6 71.4
89 59.8 48.1 72.1

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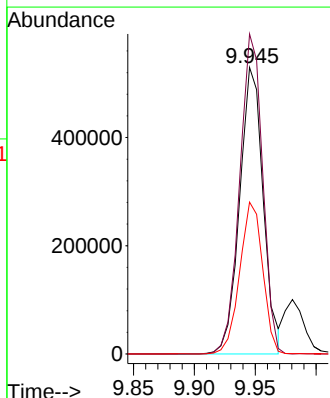
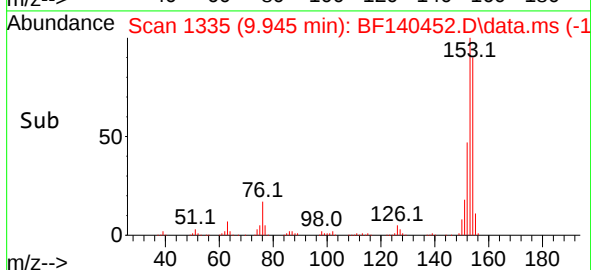
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

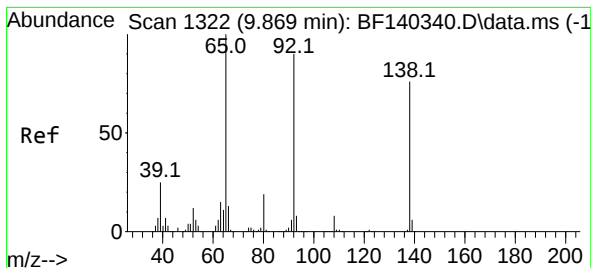


#52
Acenaphthene
Concen: 41.588 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:154 Resp: 714910
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.0 42.6 64.0





#53

3-Nitroaniline

Concen: 26.167 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

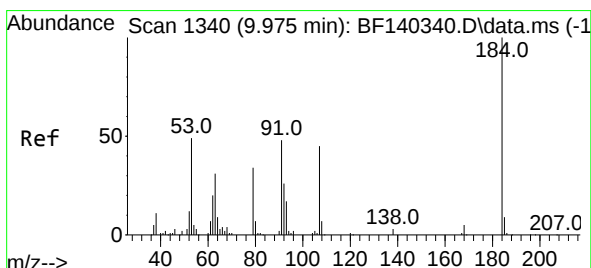
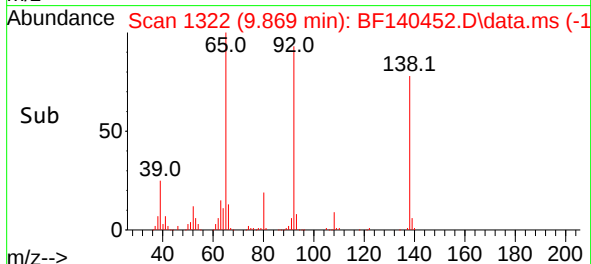
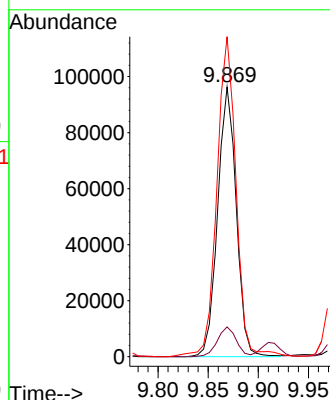
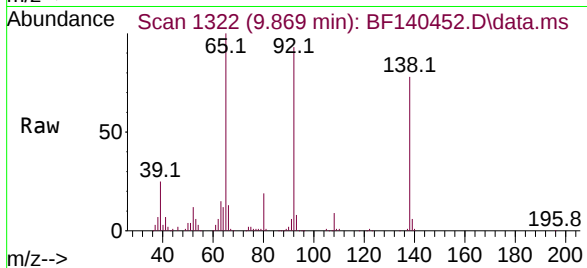
Tgt Ion:138 Resp: 123949
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.4 12.6
 92 118.7 95.5 143.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#54

2,4-Dinitrophenol

Concen: 88.791 ng

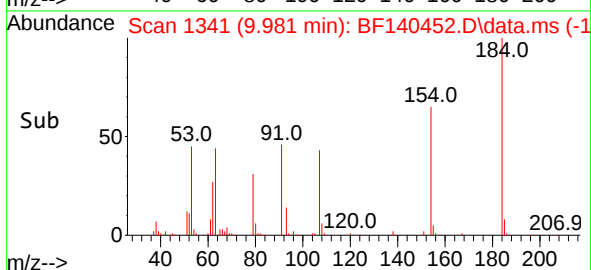
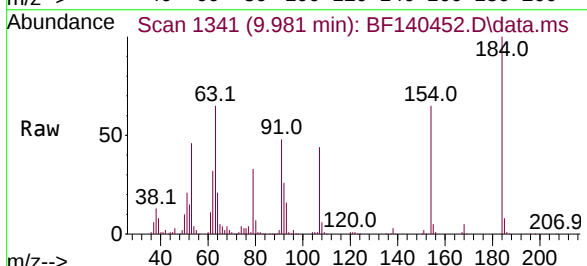
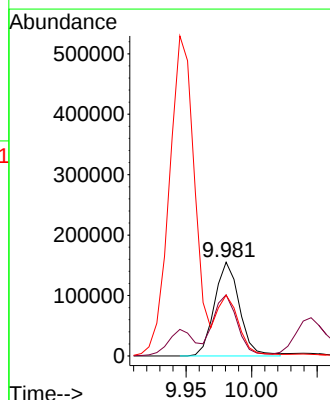
RT: 9.981 min Scan# 1341

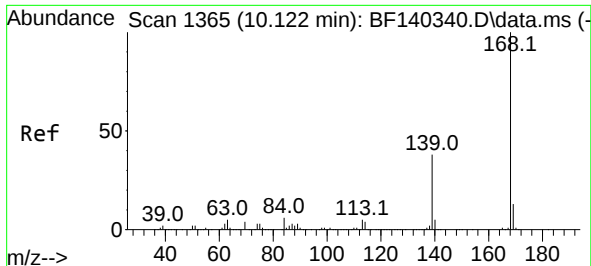
Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

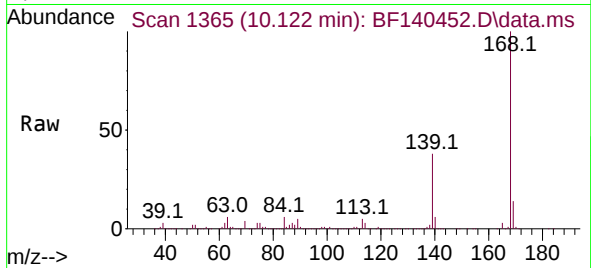
Tgt Ion:184 Resp: 206528
 Ion Ratio Lower Upper
 184 100
 63 65.2 53.5 80.3
 154 64.9 51.3 76.9





#55
Dibenzenofuran
Concen: 43.538 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

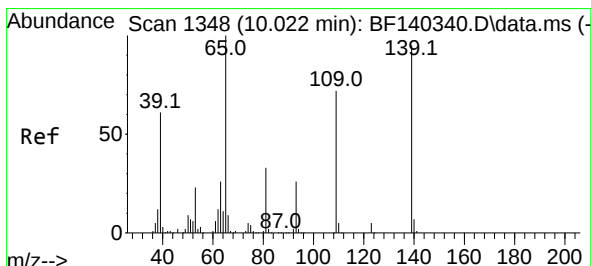
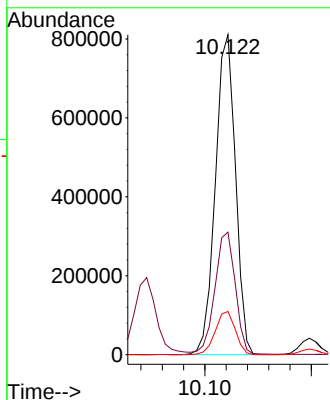
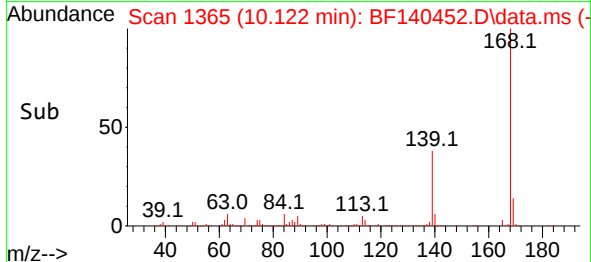
Instrument :
BNA_F
ClientSampleId :
PB164969BS



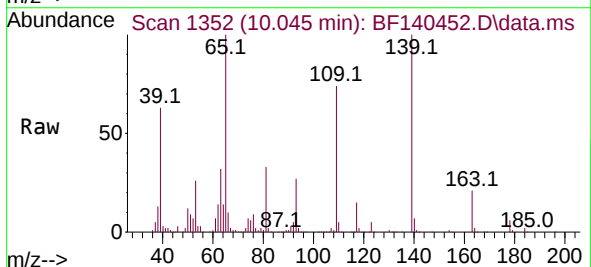
Tgt Ion:168 Resp: 105950
Ion Ratio Lower Upper
168 100
139 38.3 30.8 46.2
169 13.5 10.8 16.2

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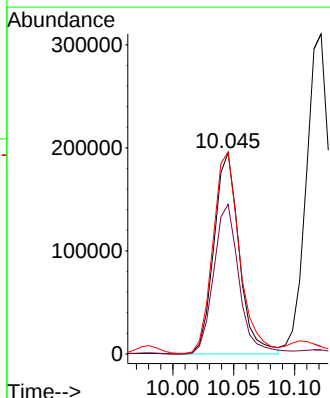
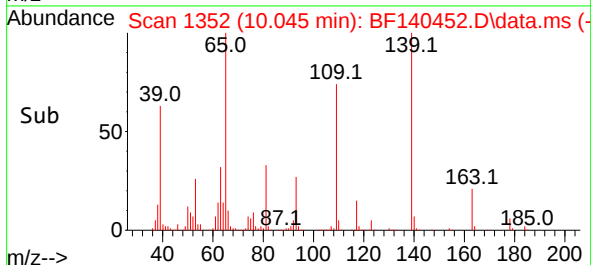
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

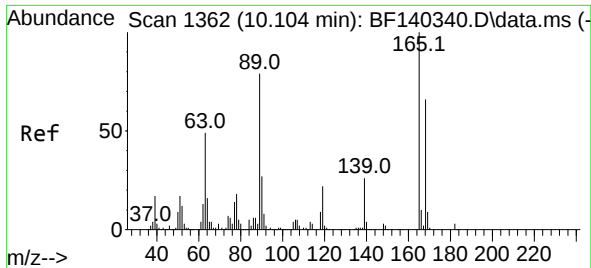


#56
4-Nitrophenol
Concen: 81.513 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:139 Resp: 281641
Ion Ratio Lower Upper
139 100
109 74.4 54.5 94.5
65 100.3 84.4 124.4





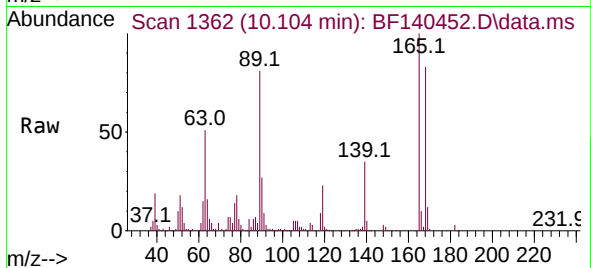
#57
2,4-Dinitrotoluene
Concen: 43.799 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



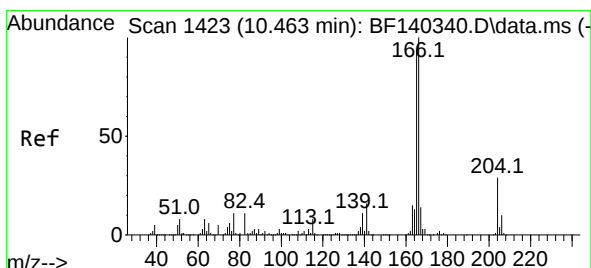
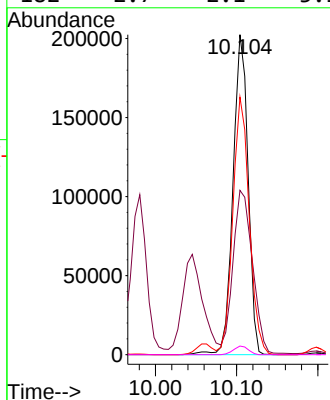
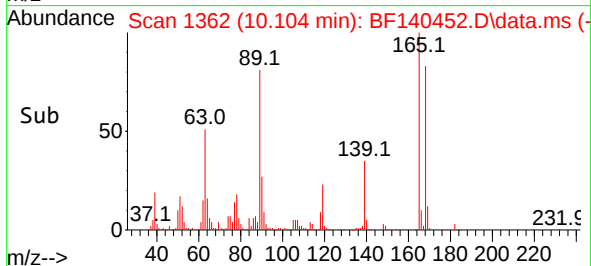
Tgt Ion:165 Resp: 260000
Ion Ratio Lower Upper
165 100
63 51.4 39.4 59.0
89 80.5 62.4 93.6
182 2.7 2.1 3.1

Manual Integrations

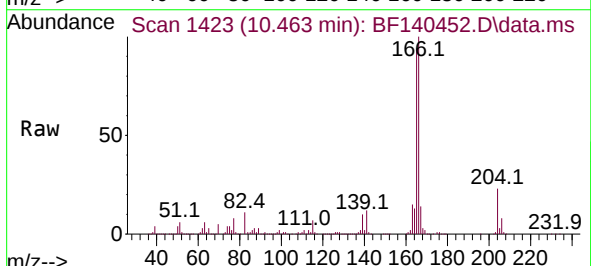
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

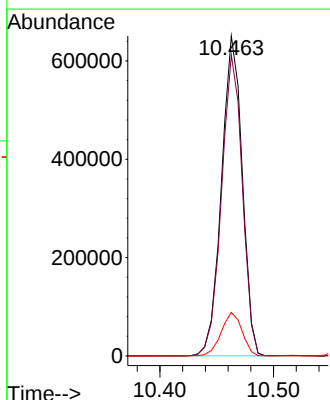
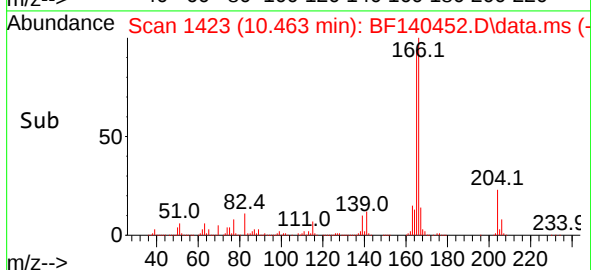
Supervised By :mohammad ahmed 11/19/2024

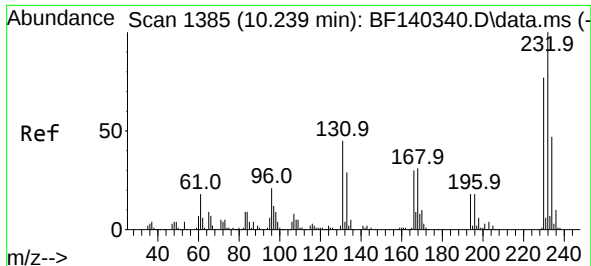


#58
Fluorene
Concen: 42.977 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:166 Resp: 826194
Ion Ratio Lower Upper
166 100
165 94.1 73.9 110.9
167 13.6 10.9 16.3





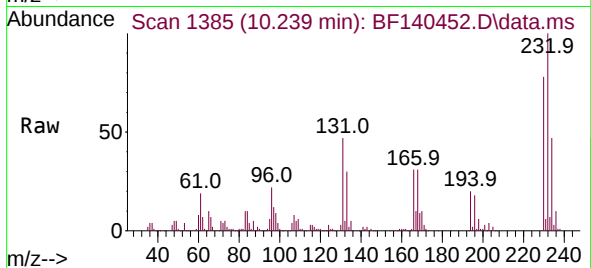
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.205 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



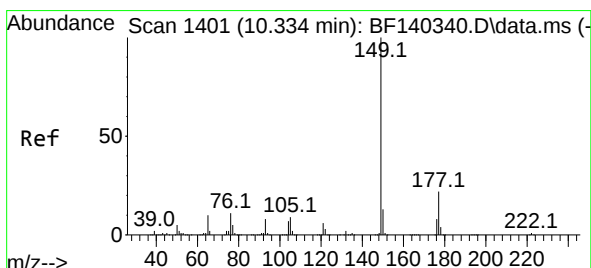
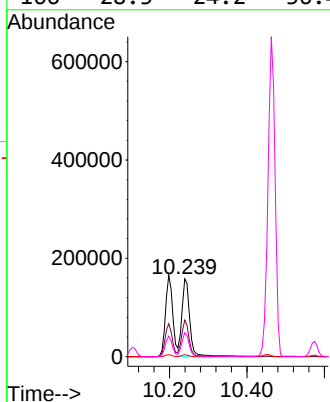
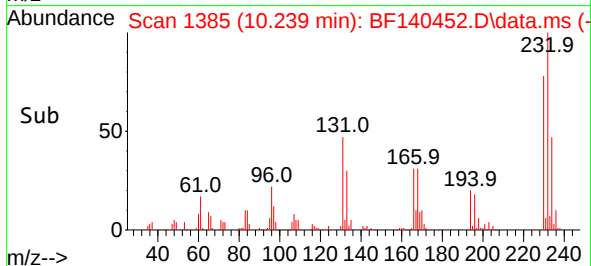
Tgt Ion:232 Resp: 224479
Ion Ratio Lower Upper
232 100
131 45.1 36.8 55.2
130 2.4 1.9 2.9
166 28.3 24.2 36.4

Manual Integrations

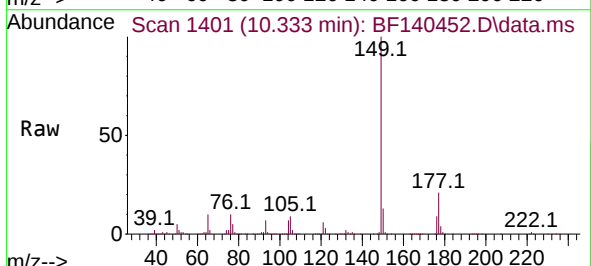
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

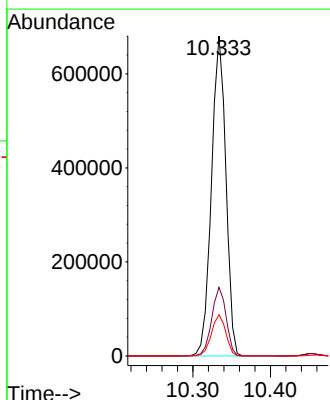
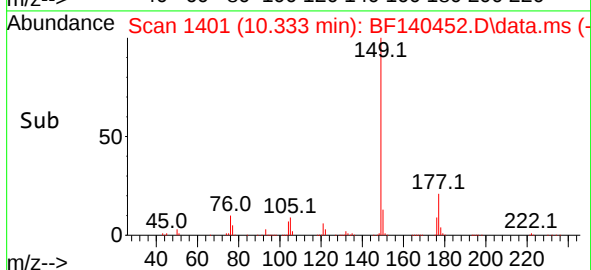
Supervised By :mohammad ahmed 11/19/2024

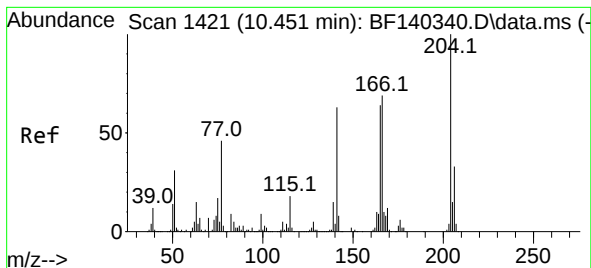


#60
Diethylphthalate
Concen: 43.362 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



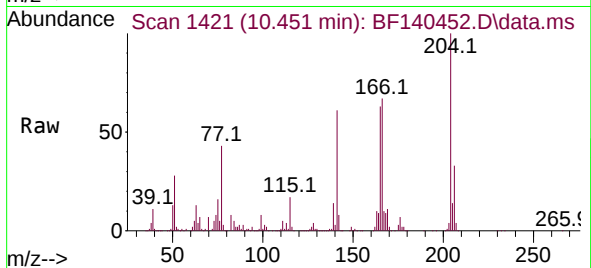
Tgt Ion:149 Resp: 877272
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.271 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

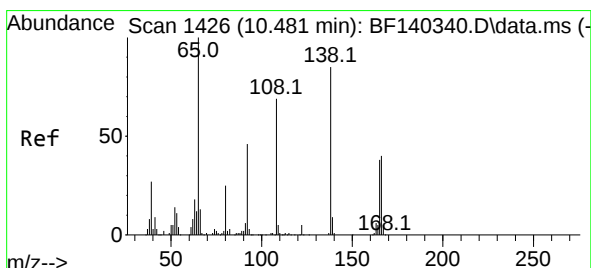
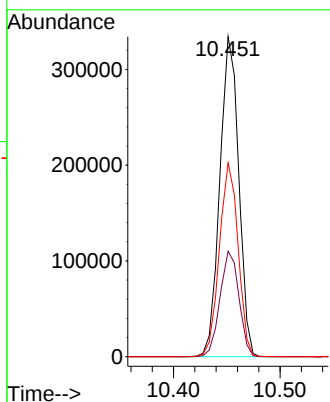
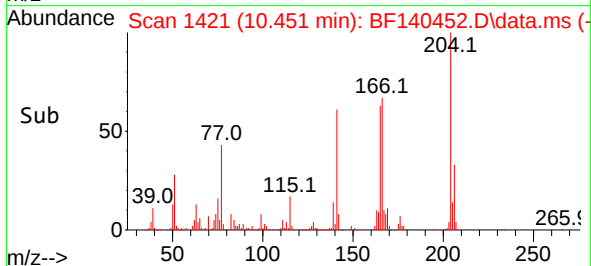
Instrument :
BNA_F
ClientSampleId :
PB164969BS



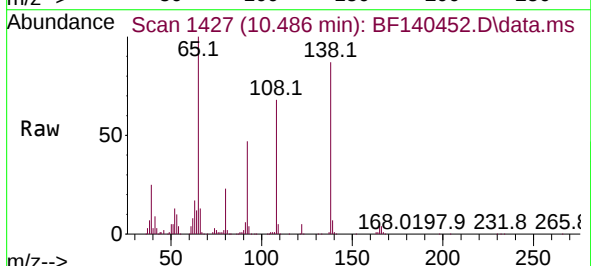
Tgt Ion:204 Resp: 410679
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 60.6 49.8 74.8

Manual Integrations
APPROVED

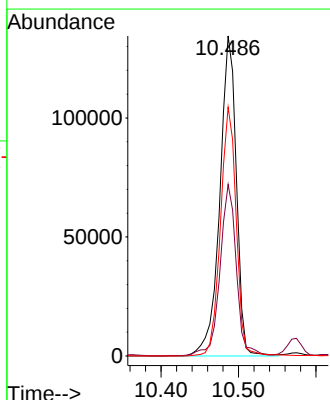
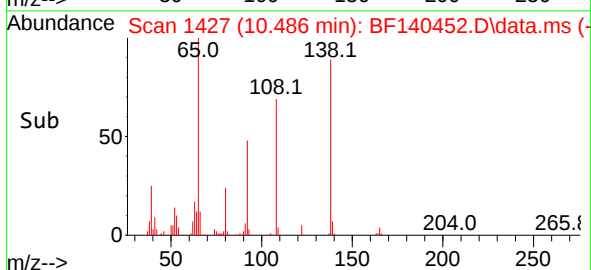
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

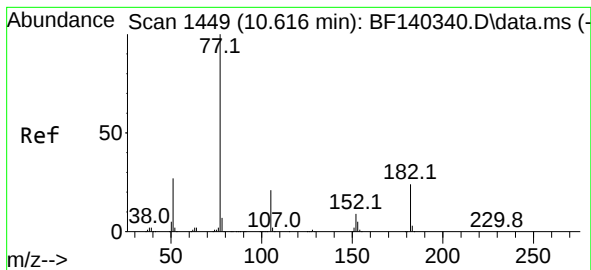


#62
4-Nitroaniline
Concen: 41.287 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



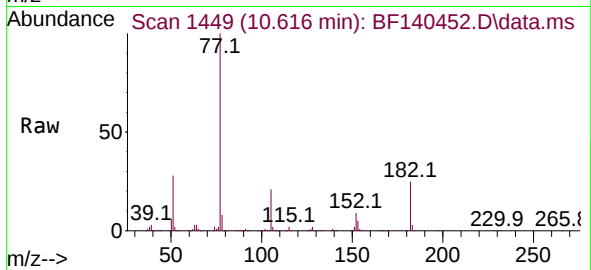
Tgt Ion:138 Resp: 199969
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 77.7 59.9 99.9





#63
Azobenzene
Concen: 43.086 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

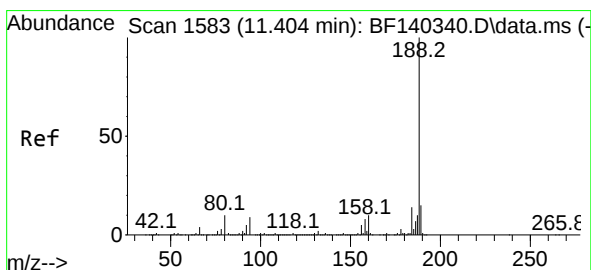
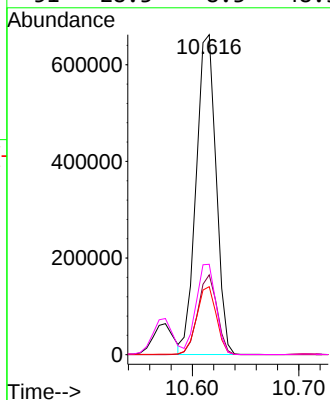
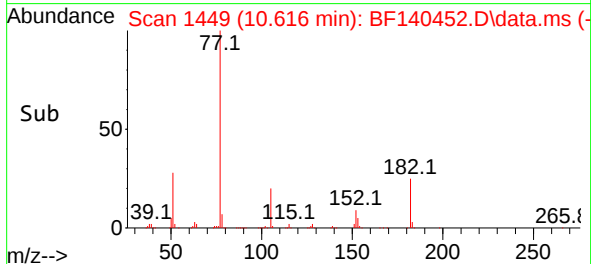
Instrument :
BNA_F
ClientSampleId :
PB164969BS



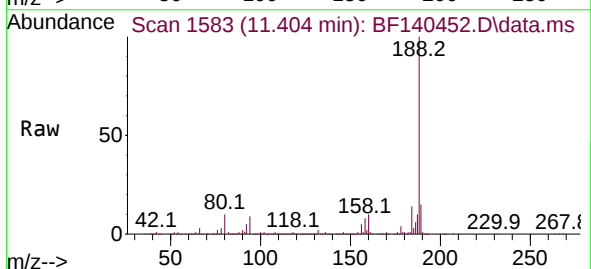
Tgt Ion: 77 Resp: 861268
Ion Ratio Lower Upper
77 100
182 25.0 4.6 44.6
105 21.3 0.9 40.9
51 28.3 8.3 48.3

Manual Integrations
APPROVED

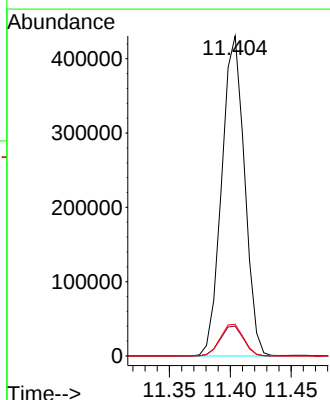
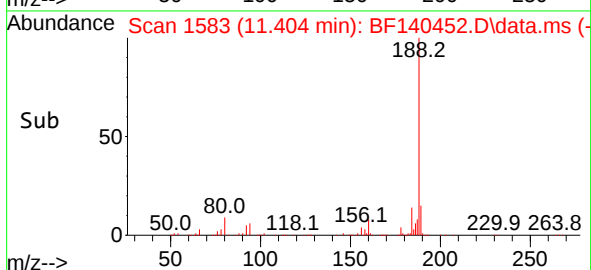
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

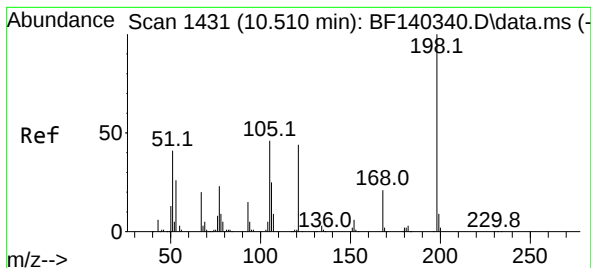


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:188 Resp: 562649
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.9 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.616 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

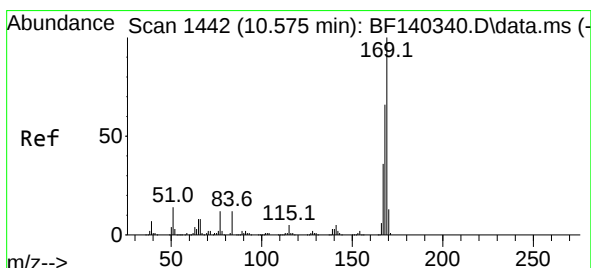
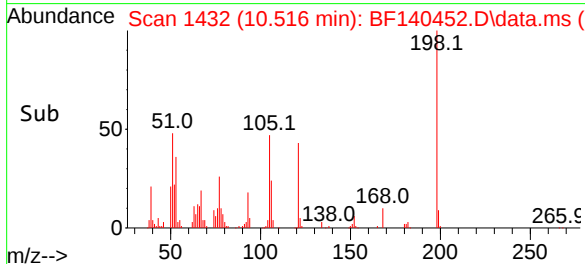
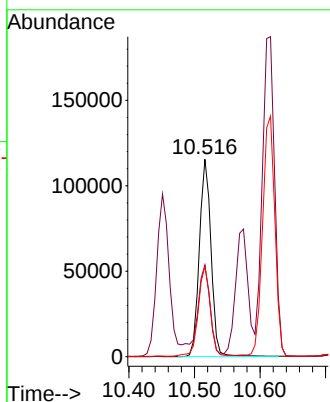
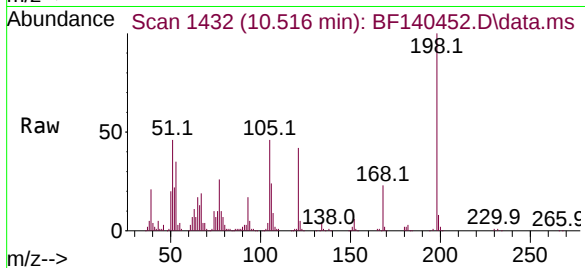
ClientSampleId :

PB164969BS

Tgt Ion:198 Resp: 14414
Ion Ratio Lower Upper
198 100
51 46.4 29.7 69.7
105 45.8 26.3 66.3

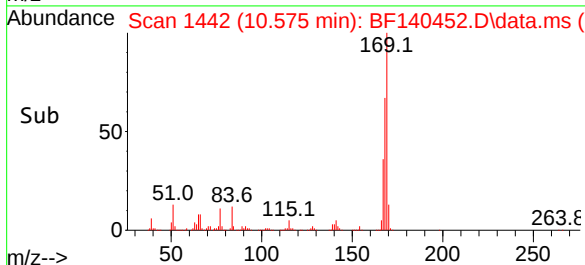
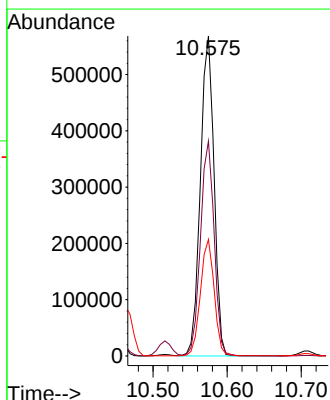
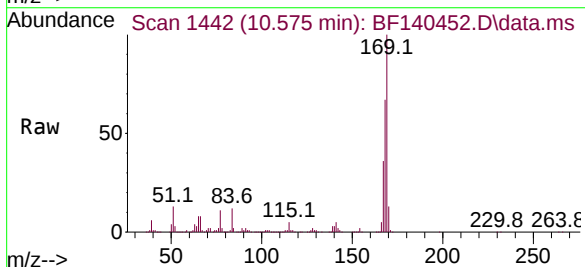
Manual Integrations
APPROVED

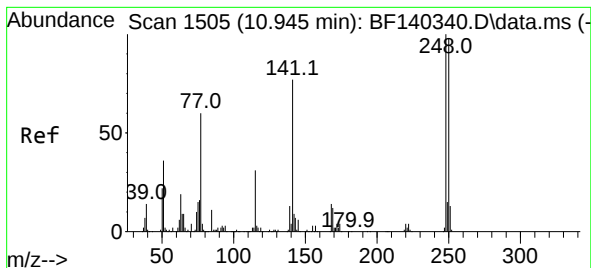
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 44.797 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:169 Resp: 728262
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 36.4 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 44.703 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

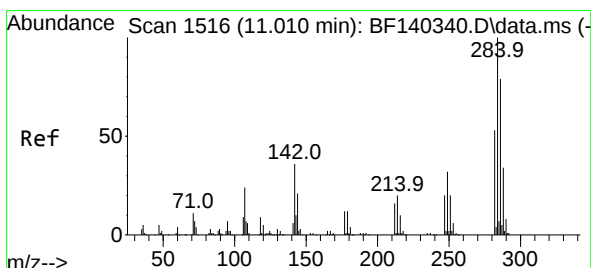
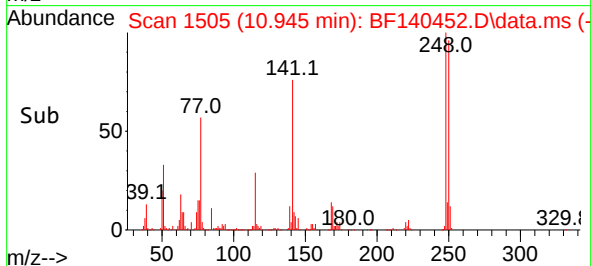
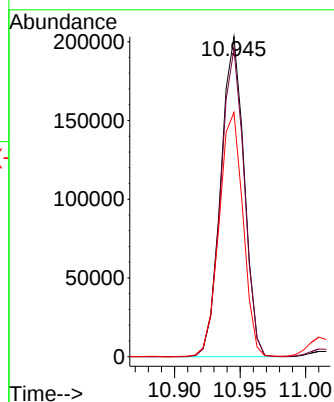
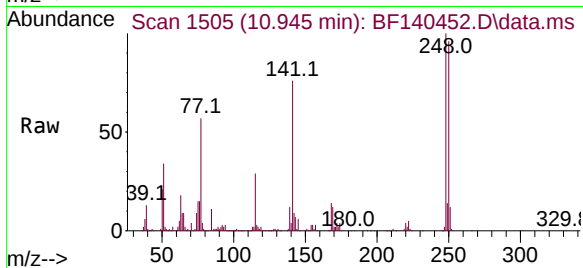
ClientSampleId :

PB164969BS

Tgt Ion:248 Resp: 25142
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 76.3 61.8 92.6

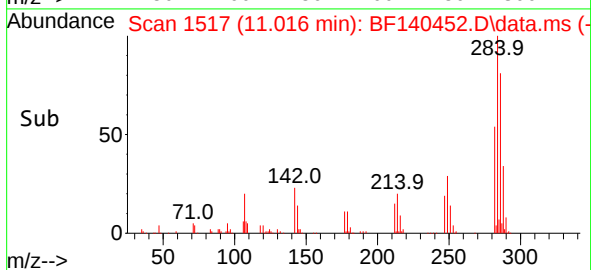
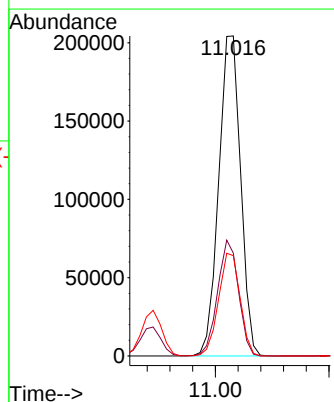
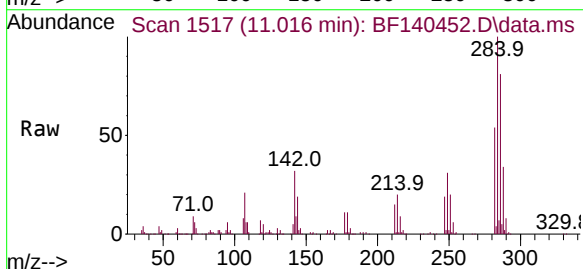
Manual Integrations
APPROVED

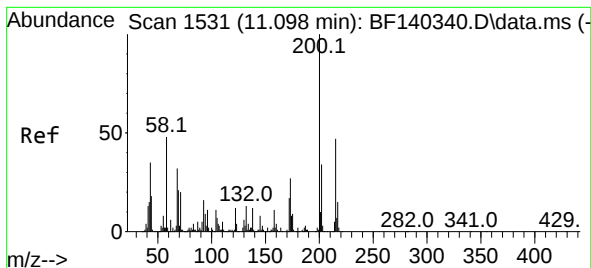
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 43.279 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:284 Resp: 273875
Ion Ratio Lower Upper
284 100
142 32.2 28.1 42.1
249 31.3 24.9 37.3





#69

Atrazine

Concen: 48.827 ng

RT: 11.098 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF140452.D

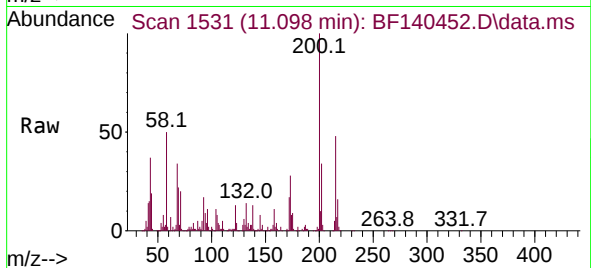
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



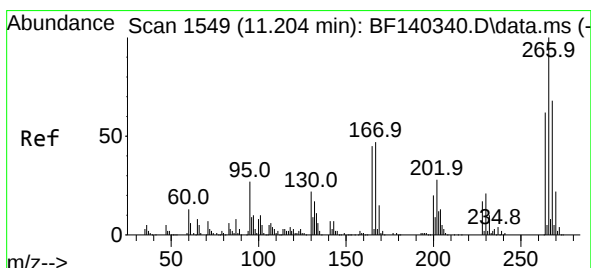
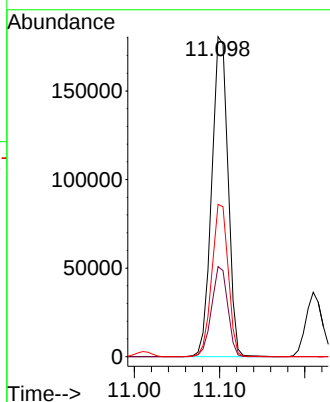
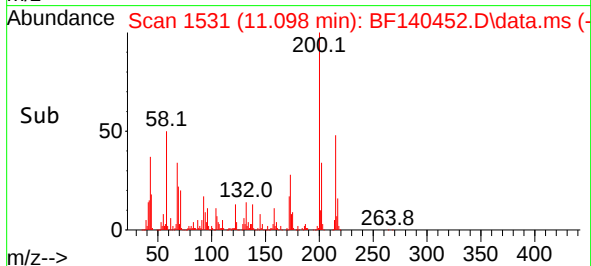
Tgt Ion:	200	Resp:	240154
Ion Ratio	Lower	Upper	
200	100		
173	28.2	6.6	46.6
215	47.6	27.2	67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 81.963 ng

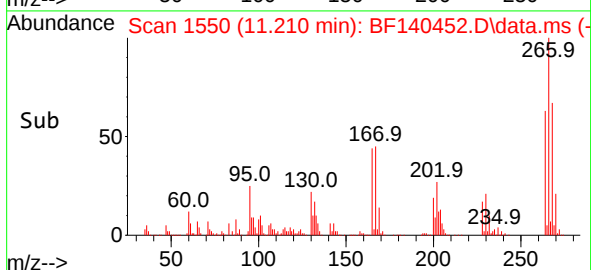
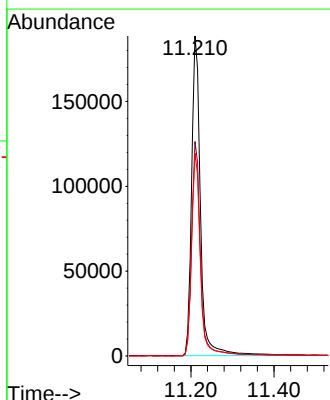
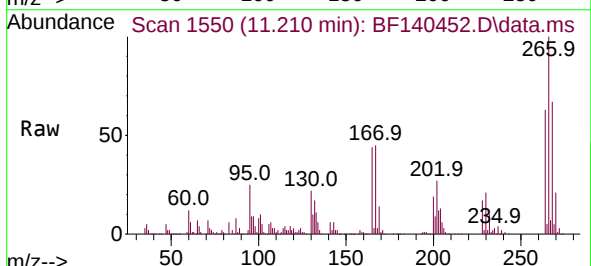
RT: 11.210 min Scan# 1550

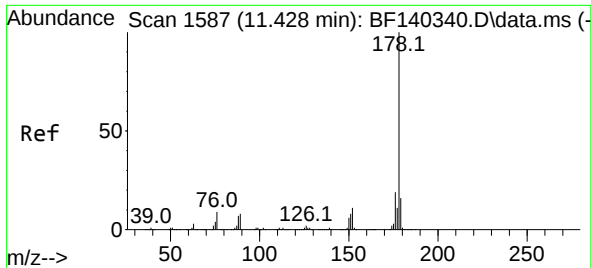
Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:	266	Resp:	279391
Ion Ratio	Lower	Upper	
266	100		
268	67.0	52.9	79.3
264	63.4	50.3	75.5





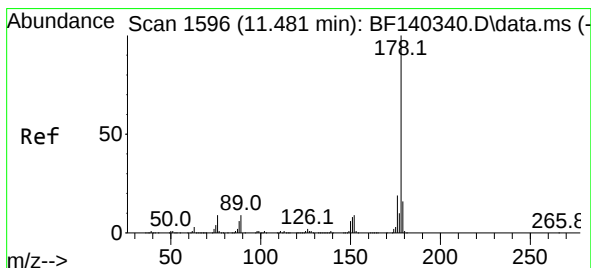
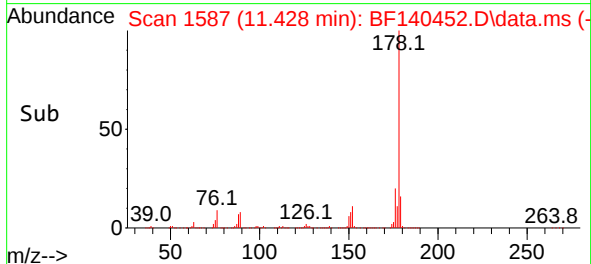
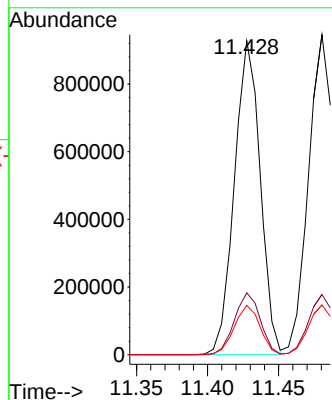
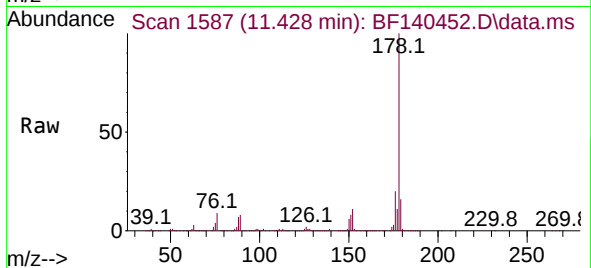
#71
Phenanthrene
Concen: 44.344 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:178 Resp: 1172050
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.4 18.6

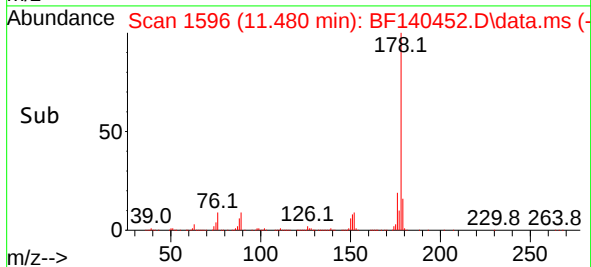
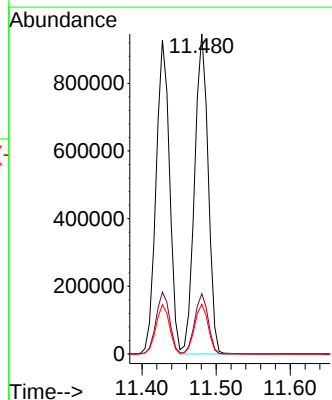
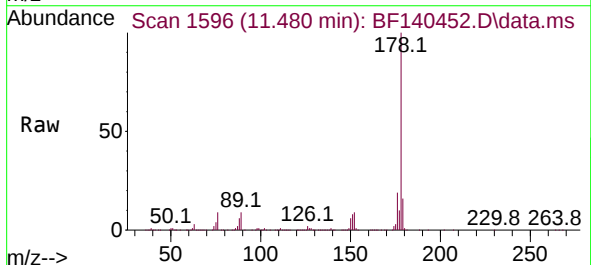
Manual Integrations
APPROVED

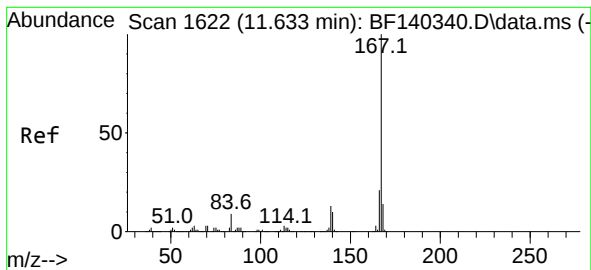
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 46.297 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

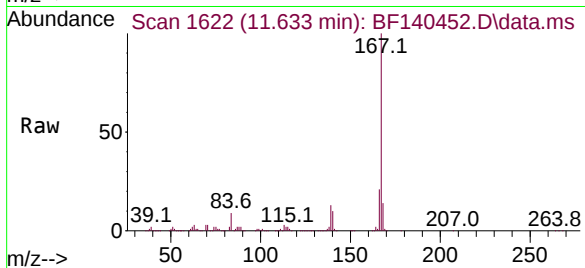
Tgt Ion:178 Resp: 1199257
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 43.108 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19

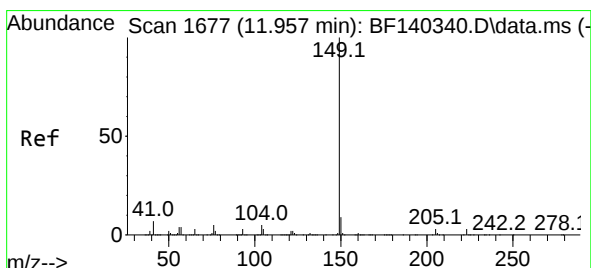
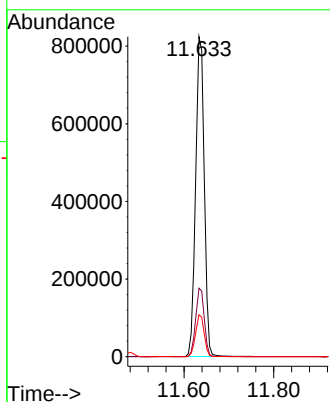
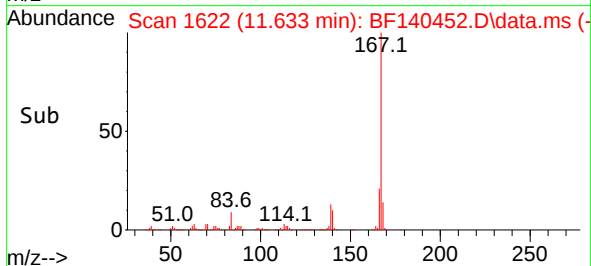
Instrument :
 BNA_F
 ClientSampleId :
 PB164969BS



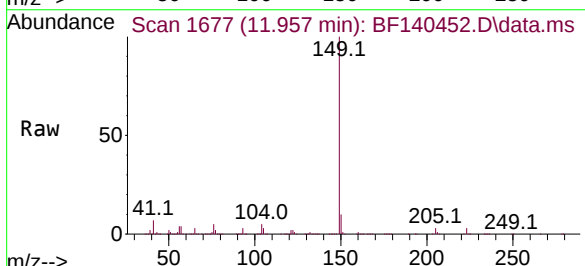
Tgt Ion:167 Resp: 110260
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.4 15.6

Manual Integrations
 APPROVED

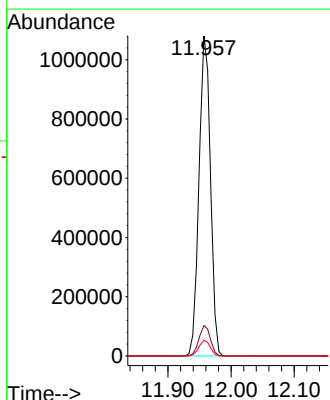
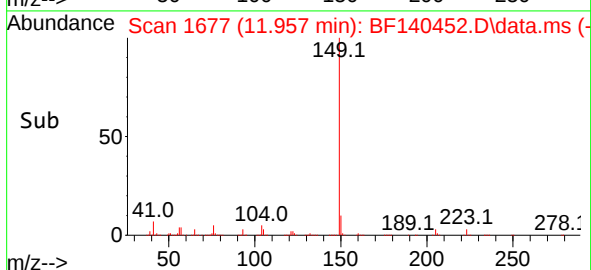
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

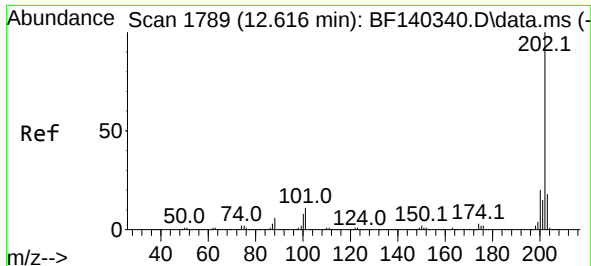


#74
 Di-n-butylphthalate
 Concen: 44.077 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19



Tgt Ion:149 Resp: 1353096
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 4.0 6.0





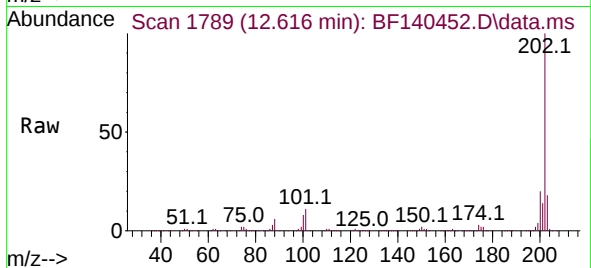
#75
Fluoranthene
Concen: 42.674 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



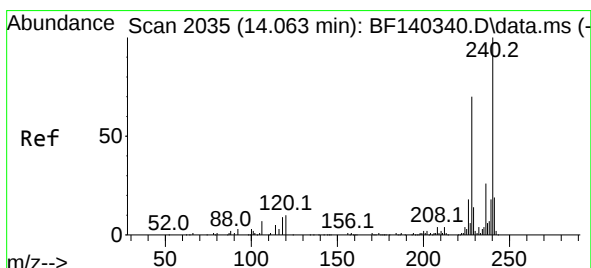
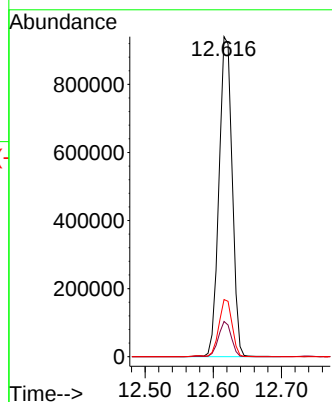
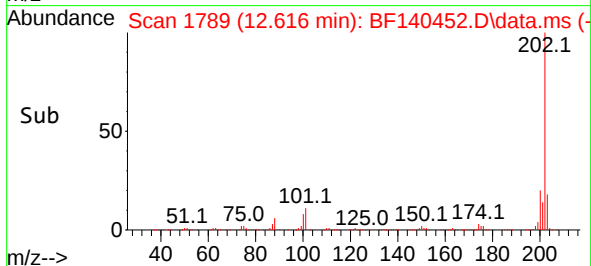
Tgt Ion:202 Resp: 1265420
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.9 0.0 37.7

Manual Integrations

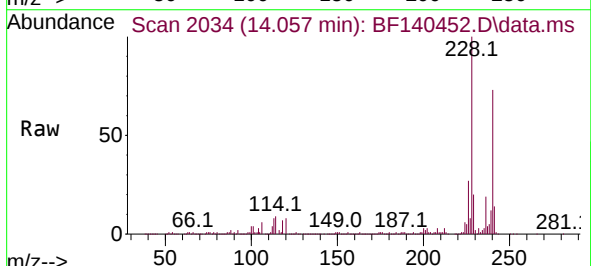
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

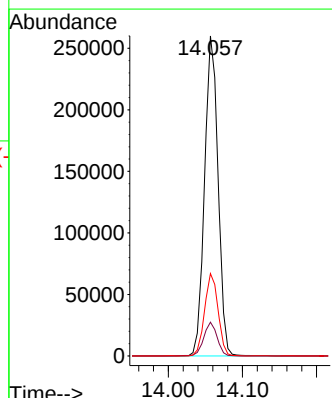
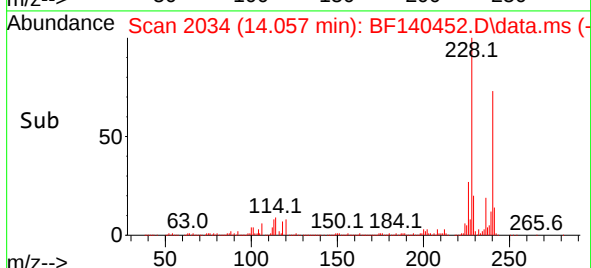
Supervised By :mohammad ahmed 11/19/2024

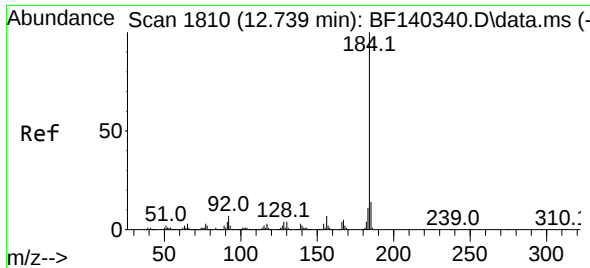


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:240 Resp: 328358
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.7 20.9 31.3





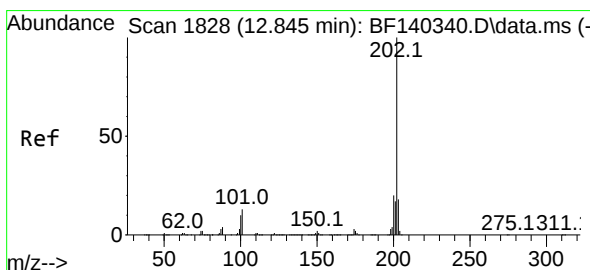
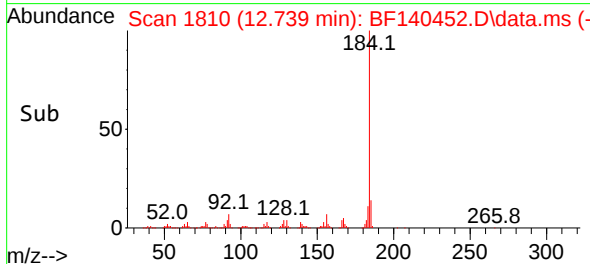
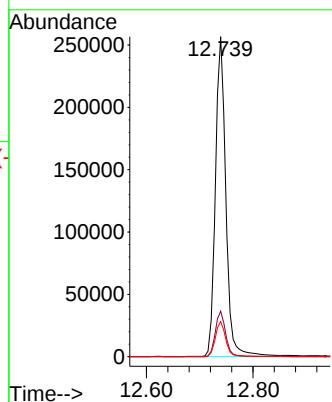
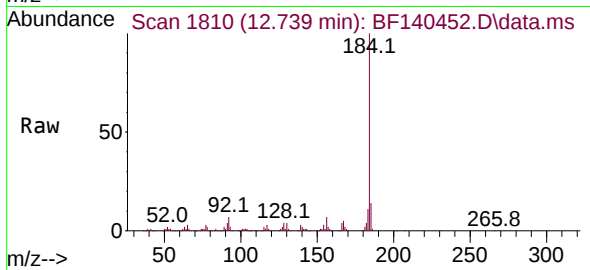
#77
Benzidine
Concen: 27.794 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:184 Resp: 35028
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 10.9 8.6 13.0

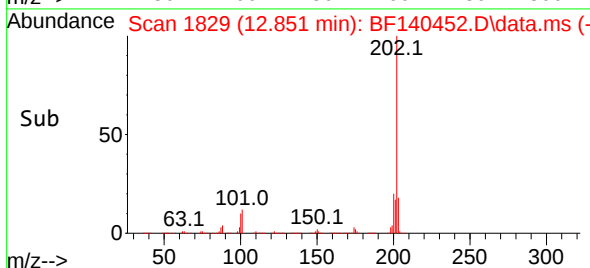
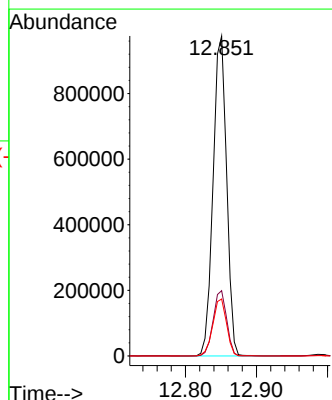
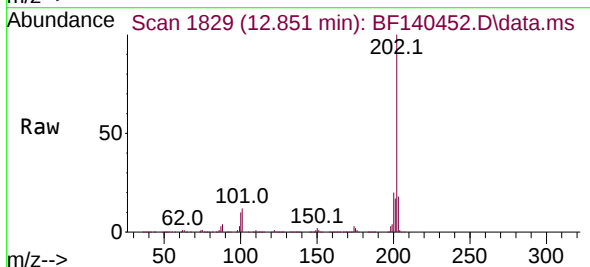
Manual Integrations
APPROVED

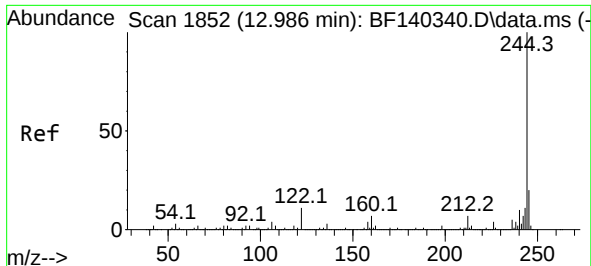
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#78
Pyrene
Concen: 45.902 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:202 Resp: 1289241
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.8 14.2 21.4





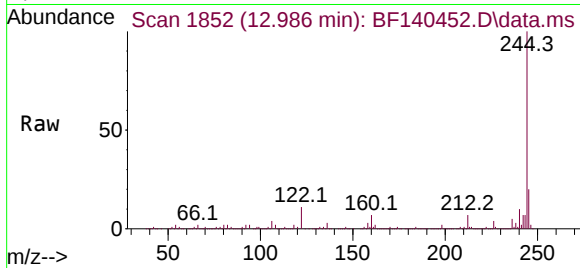
#79
 Terphenyl-d14
 Concen: 93.014 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS



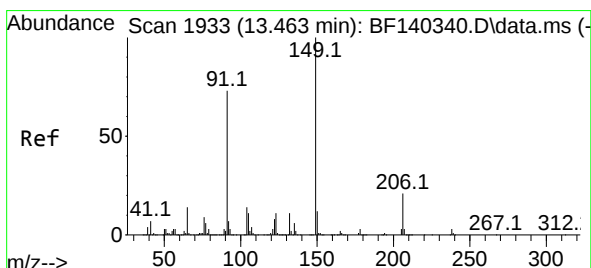
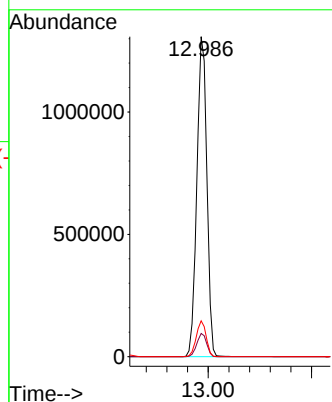
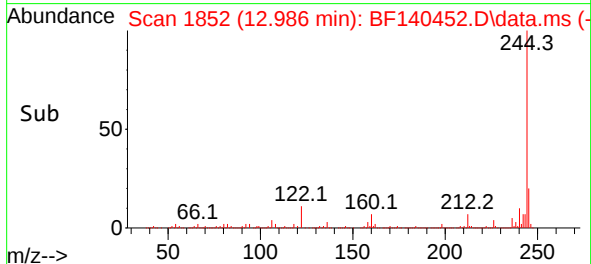
Tgt Ion:244 Resp: 175952
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.2 8.8 13.2

Manual Integrations

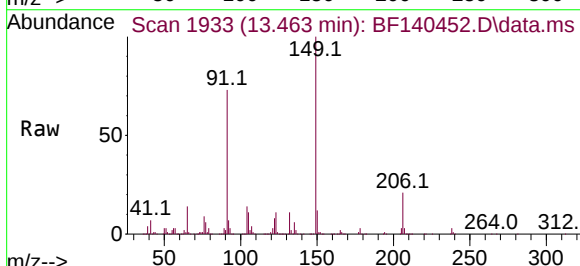
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

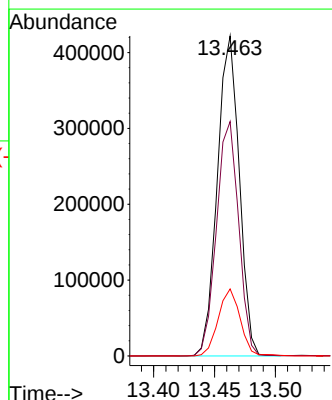
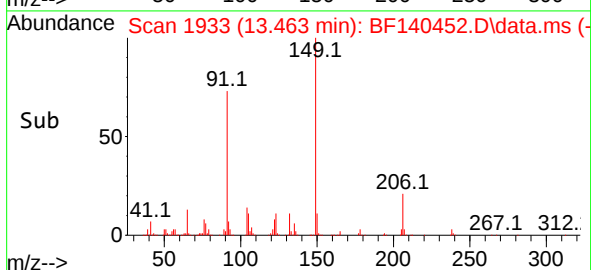
Supervised By :mohammad ahmed 11/19/2024

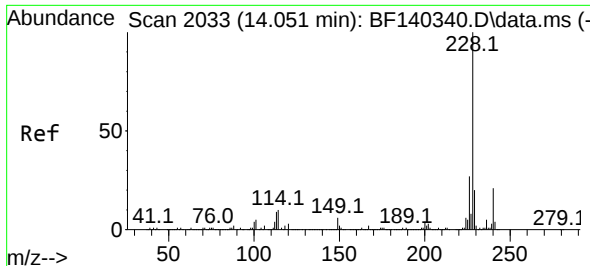


#80
 Butylbenzylphthalate
 Concen: 49.070 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19



Tgt Ion:149 Resp: 529440
 Ion Ratio Lower Upper
 149 100
 91 73.2 61.0 91.4
 206 21.0 16.1 24.1





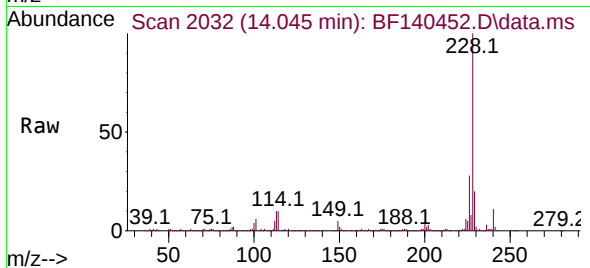
#81
Benzo(a)anthracene
Concen: 46.802 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

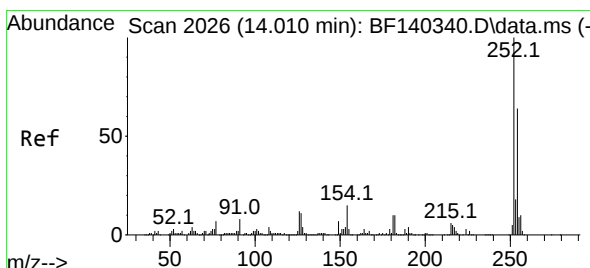
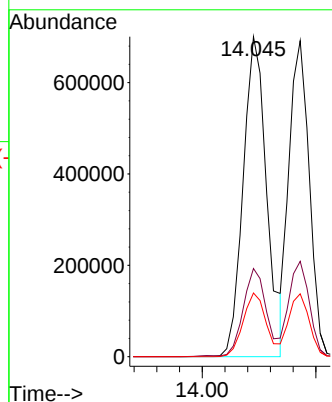
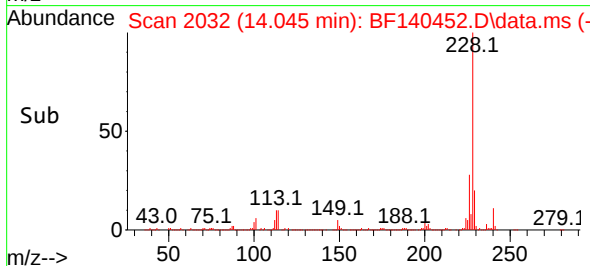


Tgt Ion:228 Resp: 101000
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.9 15.8 23.6

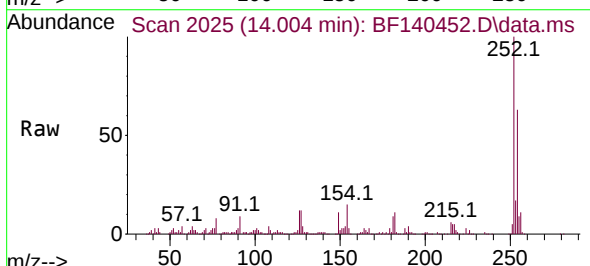
Manual Integrations

APPROVED

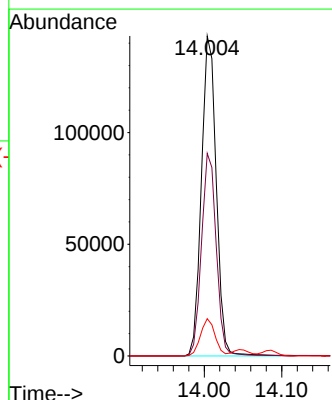
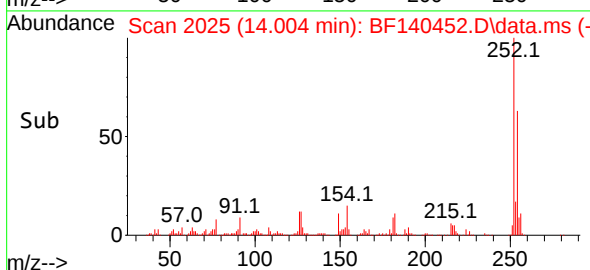
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

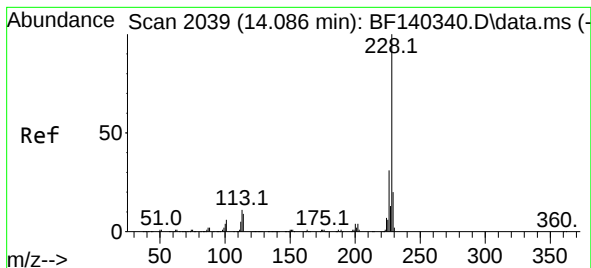


#82
3,3'-Dichlorobenzidine
Concen: 27.769 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:252 Resp: 190474
Ion Ratio Lower Upper
252 100
254 63.3 51.4 77.2
126 11.6 9.4 14.0





#83

Chrysene

Concen: 43.465 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

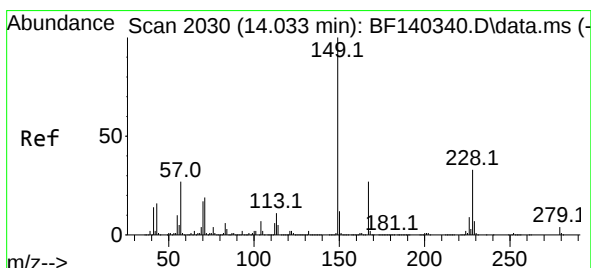
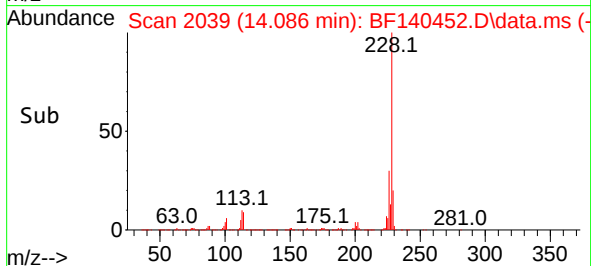
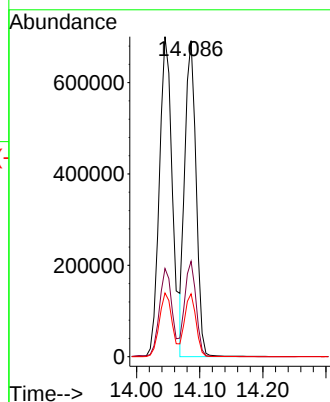
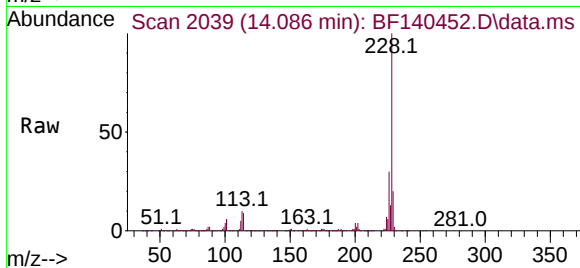
Tgt Ion:	228	Resp:	85584
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.5	36.7
229	19.9	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.129 ng

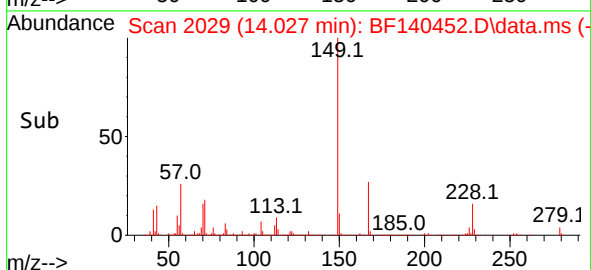
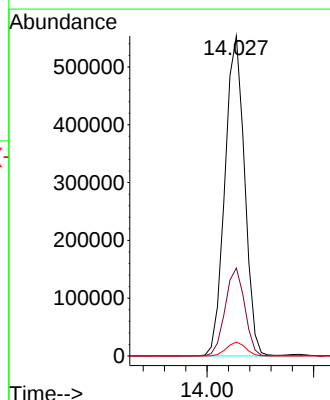
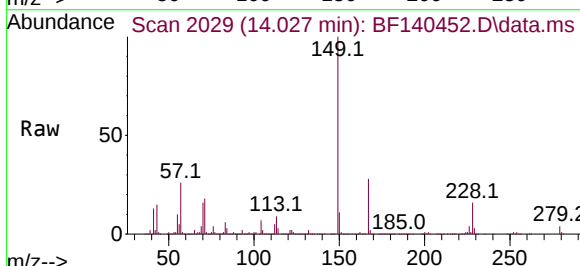
RT: 14.027 min Scan# 2029

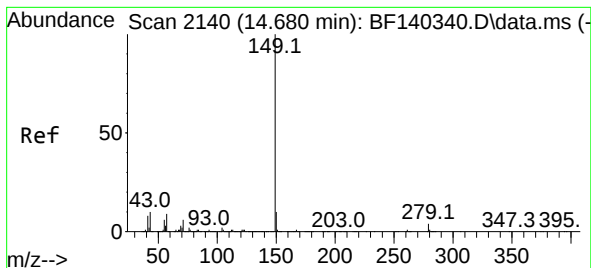
Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

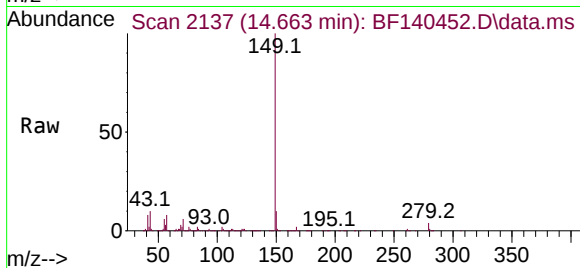
Tgt Ion:	149	Resp:	707539
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.4	32.0
279	4.4	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 48.721 ng
RT: 14.663 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

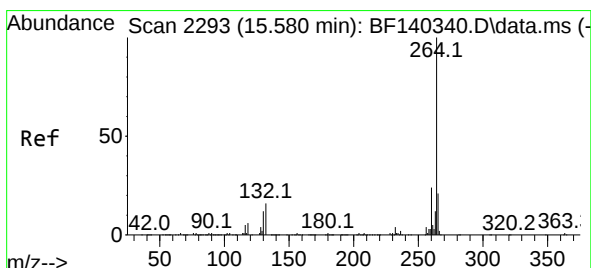
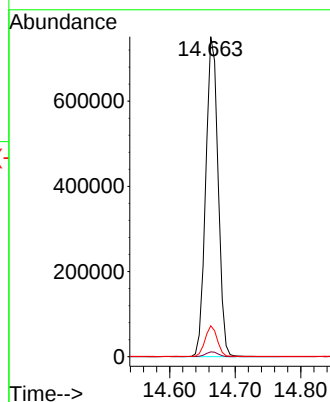
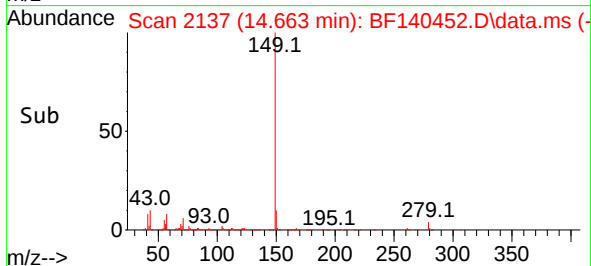
Instrument :
BNA_F
ClientSampleId :
PB164969BS



Tgt Ion:149 Resp: 98821
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 8.0 12.0

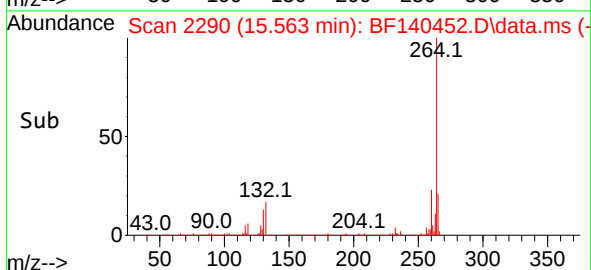
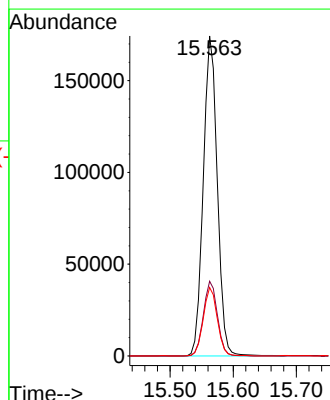
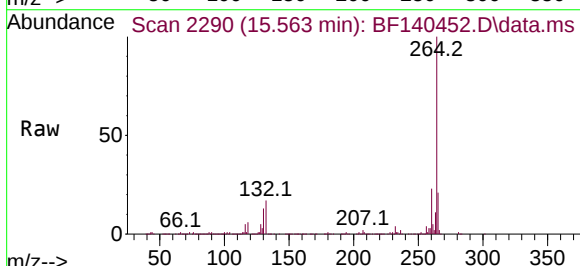
Manual Integrations
APPROVED

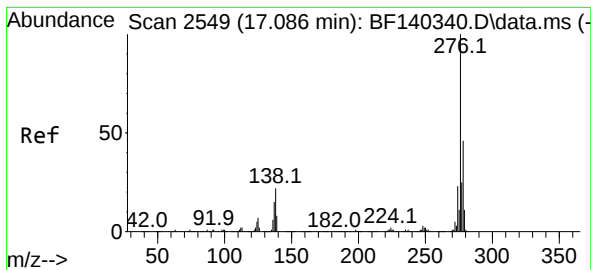
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:264 Resp: 268372
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.180 ng

RT: 17.080 min Scan# 2116

Delta R.T. 0.024 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion:276 Resp: 83188

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

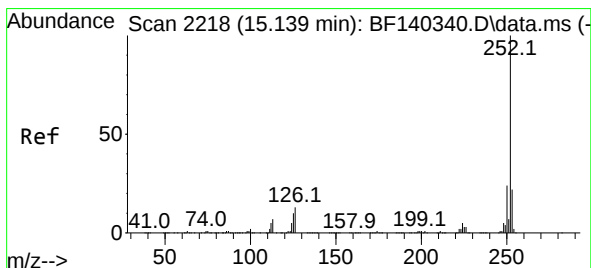
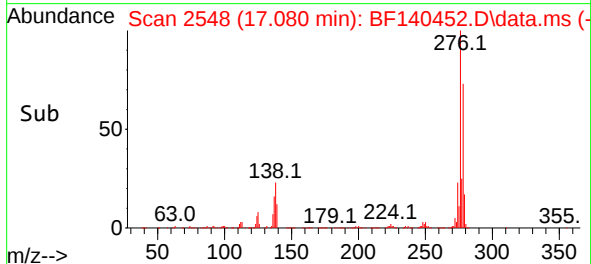
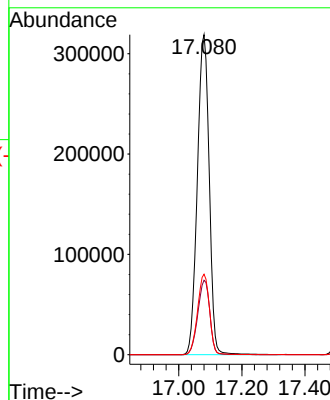
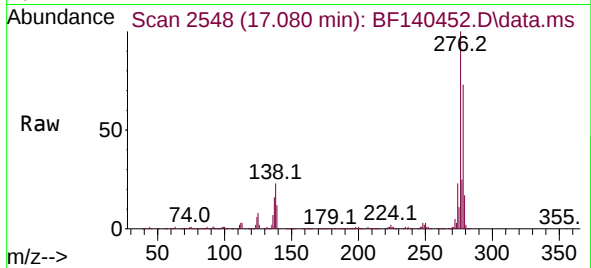
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#88

Benzo(b)fluoranthene

Concen: 39.288 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

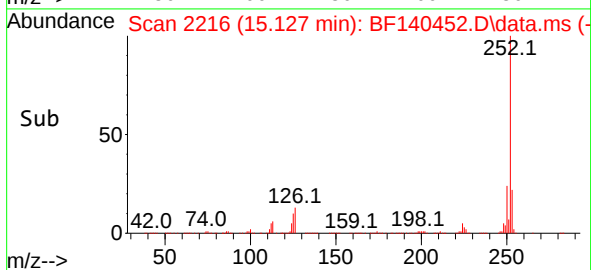
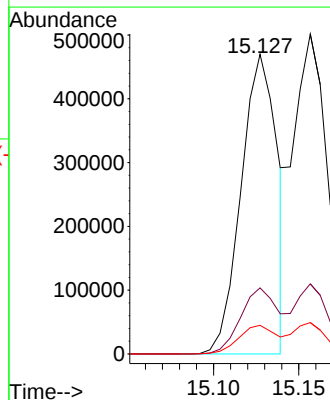
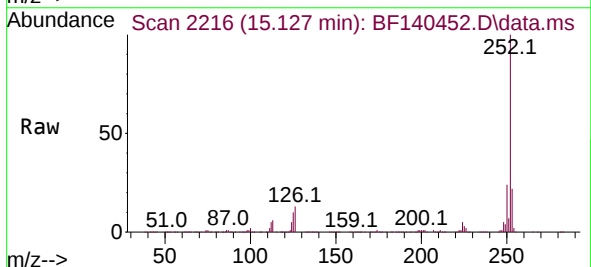
Tgt Ion:252 Resp: 689717

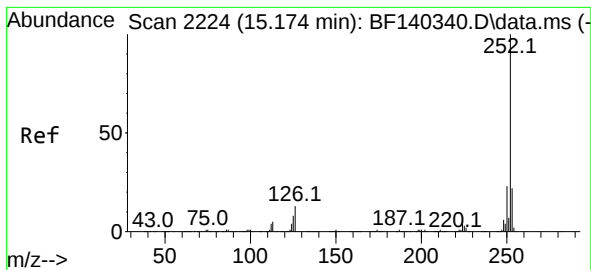
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 48.980 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion:252 Resp: 702450

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

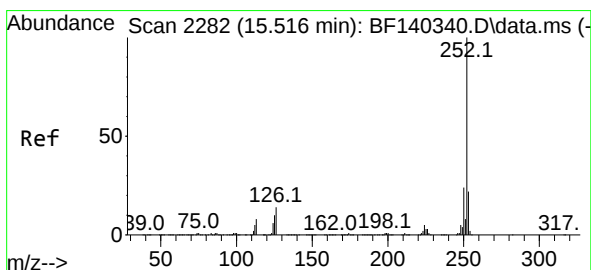
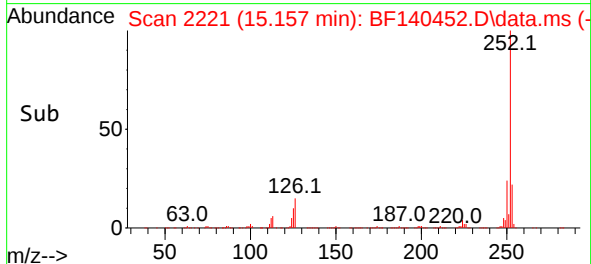
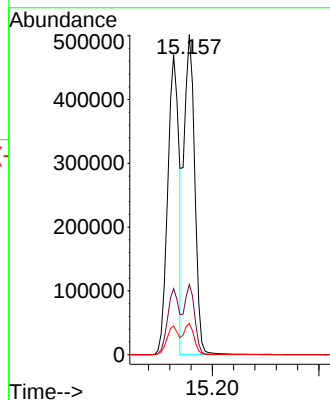
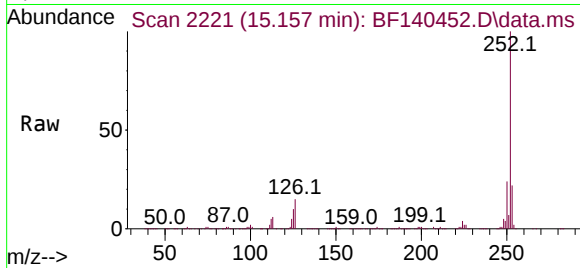
125 9.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#90

Benzo(a)pyrene

Concen: 47.808 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

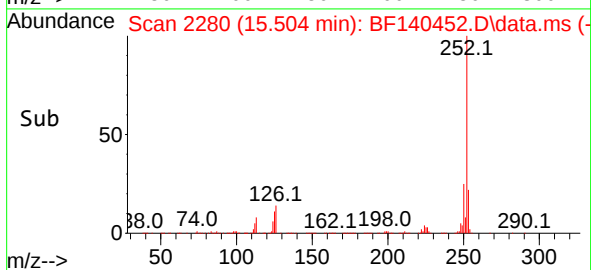
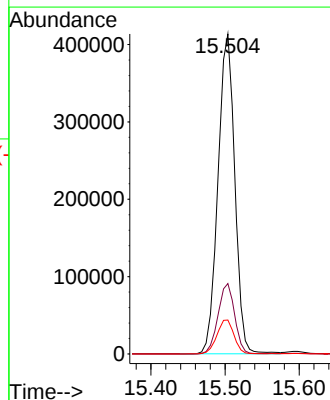
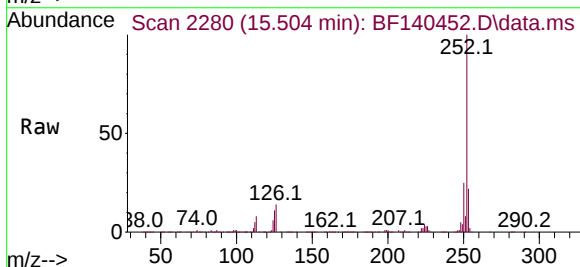
Tgt Ion:252 Resp: 651772

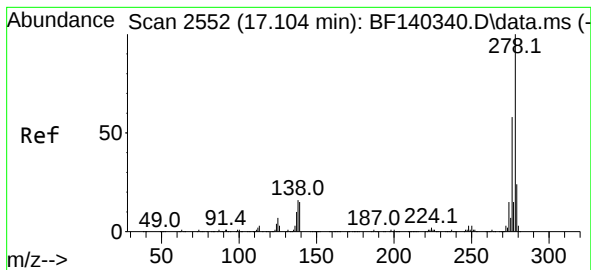
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.6 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 49.754 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion:278 Resp: 68179

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.8

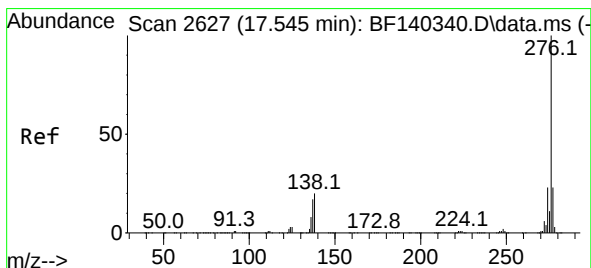
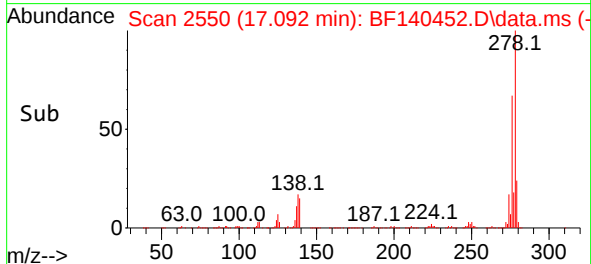
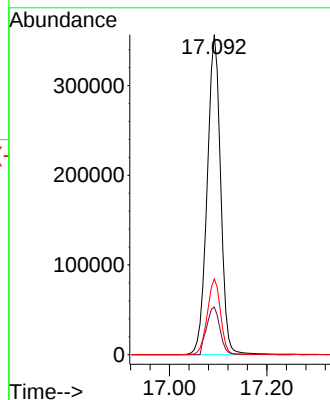
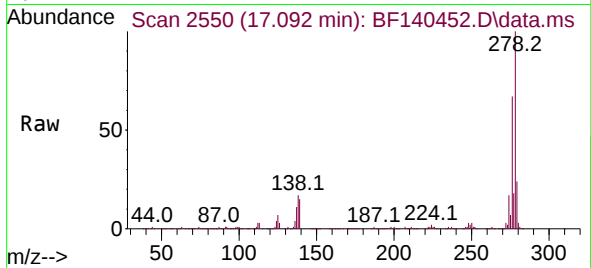
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#92

Benzo(g,h,i)perylene

Concen: 45.659 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.018 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:276 Resp: 639656

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 20.9 16.0 24.0

