

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141352.D
 Acq On : 01 Feb 2025 00:30
 Operator : RC/JU
 Sample : Q1194-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS

Quant Time: Feb 01 00:57:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	160040	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	632082	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	327389	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	478396	20.000	ng	0.00
76) Chrysene-d12	13.968	240	306959	20.000	ng	0.00
86) Perylene-d12	15.421	264	307907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	969013	92.954	ng	0.02
7) Phenol-d6	6.445	99	1208293	91.113	ng	0.00
23) Nitrobenzene-d5	7.363	82	781915	65.213	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	276769	92.213	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1314061	61.779	ng	0.00
79) Terphenyl-d14	12.910	244	1045873	52.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	170887	37.273	ng	98
3) Pyridine	3.293	79	440465	39.874	ng	100
4) n-Nitrosodimethylamine	3.246	42	271271	42.988	ng	97
6) Aniline	6.463	93	364816	32.498	ng	# 20
8) 2-Chlorophenol	6.592	128	479903	42.950	ng	97
9) Benzaldehyde	6.345	77	49148	6.398	ng	98
10) Phenol	6.457	94	579286	41.207	ng	77
11) bis(2-Chloroethyl)ether	6.534	93	467010	43.327	ng	100
12) 1,3-Dichlorobenzene	6.739	146	489696	39.748	ng	99
13) 1,4-Dichlorobenzene	6.816	146	495491	40.035	ng	100
14) 1,2-Dichlorobenzene	6.969	146	474188	40.916	ng	99
15) Benzyl Alcohol	6.945	79	408281	45.050	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	760918	40.597	ng	55
17) 2-Methylphenol	7.069	107	369947	40.738	ng	# 89
18) Hexachloroethane	7.310	117	183972	40.294	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	329084	41.762	ng	98
20) 3+4-Methylphenols	7.222	107	478463	42.911	ng	# 76
22) Acetophenone	7.210	105	641459	42.694	ng	# 95
24) Nitrobenzene	7.386	77	502528	40.443	ng	98
25) Isophorone	7.622	82	892320	43.053	ng	99
26) 2-Nitrophenol	7.698	139	255094	43.531	ng	99
27) 2,4-Dimethylphenol	7.745	122	373741m	50.107	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	555377	42.009	ng	99
29) 2,4-Dichlorophenol	7.951	162	391067	42.827	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	407421	39.069	ng	100
31) Naphthalene	8.104	128	1339613	40.119	ng	100
32) Benzoic acid	7.875	122	293276	42.771	ng	98
33) 4-Chloroaniline	8.151	127	99598	8.796	ng	99
34) Hexachlorobutadiene	8.222	225	237412	38.821	ng	100
35) Caprolactam	8.522	113	129509m	43.427	ng	
36) 4-Chloro-3-methylphenol	8.651	107	412298	42.094	ng	97
37) 2-Methylnaphthalene	8.792	142	875724	41.263	ng	99
38) 1-Methylnaphthalene	8.892	142	807610	38.739	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	390961	41.976	ng	99
41) Hexachlorocyclopentadiene	8.945	237	368408	133.935	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	264141	43.328	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141352.D
 Acq On : 01 Feb 2025 00:30
 Operator : RC/JU
 Sample : Q1194-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS

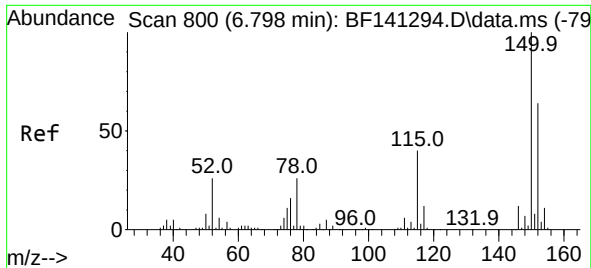
Quant Time: Feb 01 00:57:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

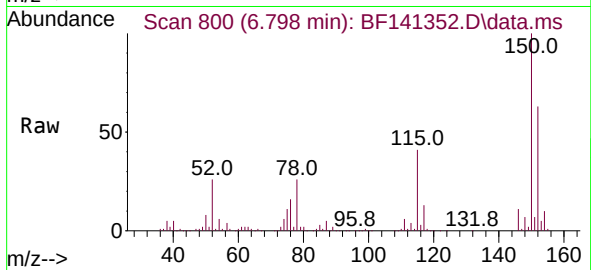
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	284388	42.861	ng	99
46) 1,1'-Biphenyl	9.263	154	1070294	41.919	ng	99
47) 2-Chloronaphthalene	9.286	162	799380	40.168	ng	99
48) 2-Nitroaniline	9.380	65	272485	43.530	ng	97
49) Acenaphthylene	9.698	152	1222120	43.870	ng	100
50) Dimethylphthalate	9.563	163	969748	43.857	ng	99
51) 2,6-Dinitrotoluene	9.628	165	211898	41.273	ng	98
52) Acenaphthene	9.875	154	917466	46.100	ng	99
53) 3-Nitroaniline	9.792	138	138426	27.509	ng	98
54) 2,4-Dinitrophenol	9.904	184	231891	97.163	ng	98
55) Dibenzofuran	10.045	168	1102981	41.404	ng	99
56) 4-Nitrophenol	9.975	139	270862	73.603	ng	98
57) 2,4-Dinitrotoluene	10.028	165	279789	42.091	ng	99
58) Fluorene	10.386	166	817762	39.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	230657	44.188	ng	99
60) Diethylphthalate	10.263	149	923514	43.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	406500	40.273	ng	100
62) 4-Nitroaniline	10.410	138	185463	37.489	ng	99
63) Azobenzene	10.539	77	946700	44.113	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	154803	54.706	ng	97
66) n-Nitrosodiphenylamine	10.498	169	738221	47.710	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	252992	47.237	ng	98
68) Hexachlorobenzene	10.933	284	255828	45.031	ng	100
69) Atrazine	11.027	200	238034	46.011	ng	99
70) Pentachlorophenol	11.133	266	276016	82.968	ng	99
71) Phenanthrene	11.351	178	1120034	43.554	ng	99
72) Anthracene	11.404	178	1134234	45.015	ng	100
73) Carbazole	11.557	167	910483	40.751	ng	99
74) Di-n-butylphthalate	11.892	149	1240476	45.813	ng	100
75) Fluoranthene	12.539	202	994575	39.170	ng	100
77) Benzidine	12.663	184	201472	20.474	ng	100
78) Pyrene	12.769	202	1010968	34.311	ng	100
80) Butylbenzylphthalate	13.392	149	424703	41.258	ng	99
81) Benzo(a)anthracene	13.957	228	859366	40.571	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	198790	29.508	ng	100
83) Chrysene	13.992	228	854492	44.017	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	557866	42.722	ng	99
85) Di-n-octyl phthalate	14.568	149	1017675	50.177	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	688611	34.650	ng	99
88) Benzo(b)fluoranthene	15.004	252	913150	47.147	ng	99
89) Benzo(k)fluoranthene	15.033	252	811049	47.270	ng	100
90) Benzo(a)pyrene	15.362	252	781518	47.750	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	561271	35.104	ng	100
92) Benzo(g,h,i)perylene	17.298	276	497253	29.910	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

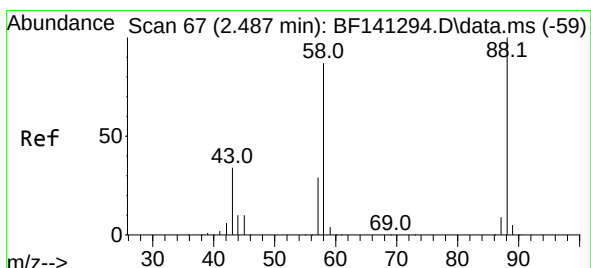
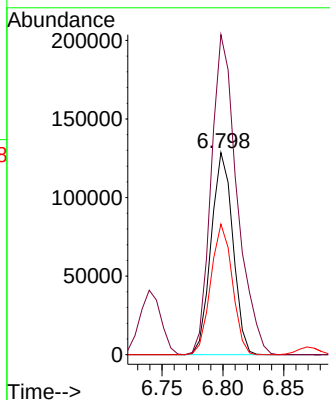
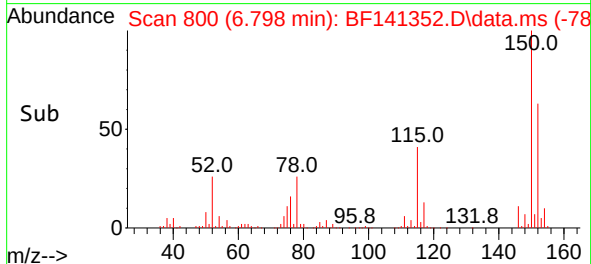
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



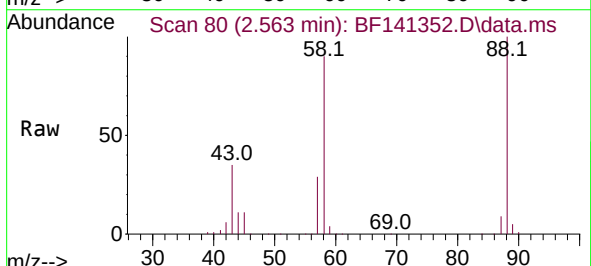
Tgt Ion:152 Resp: 160040
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 64.6 49.7 74.5

Manual Integrations
APPROVED

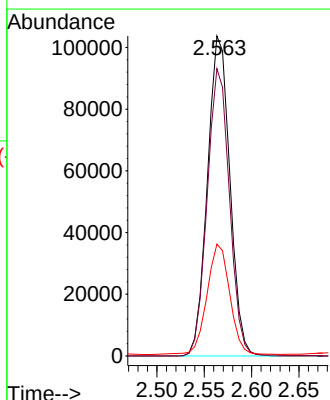
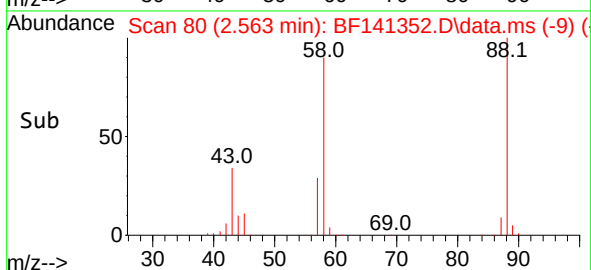
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

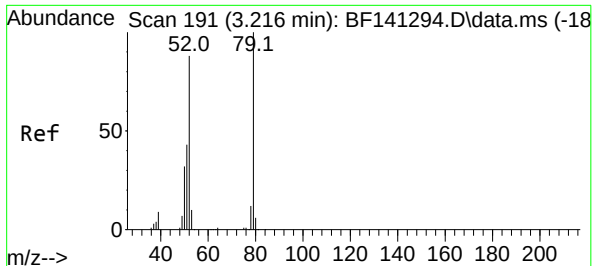


#2
1,4-Dioxane
Concen: 37.273 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.070 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



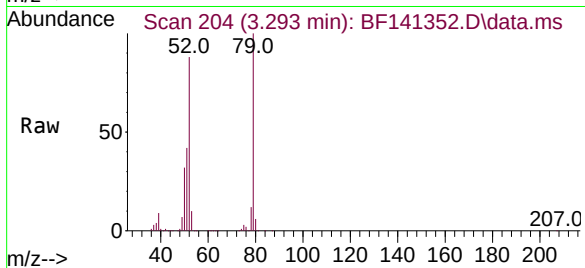
Tgt Ion: 88 Resp: 170887
Ion Ratio Lower Upper
88 100
58 89.5 70.2 105.4
43 35.3 27.6 41.4





#3
Pyridine
Concen: 39.874 ng
RT: 3.293 min Scan# 204
Delta R.T. 0.065 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

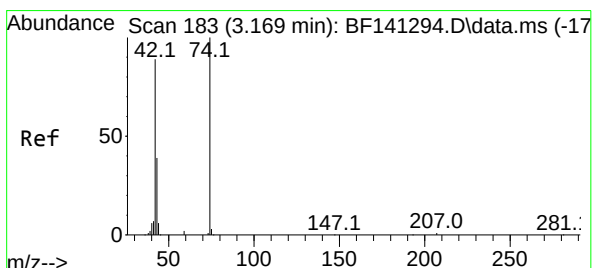
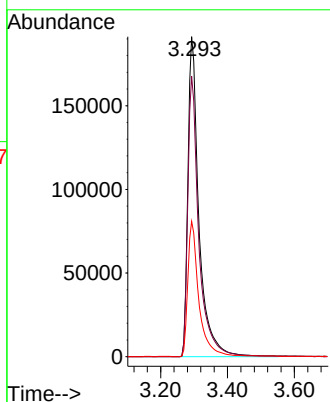
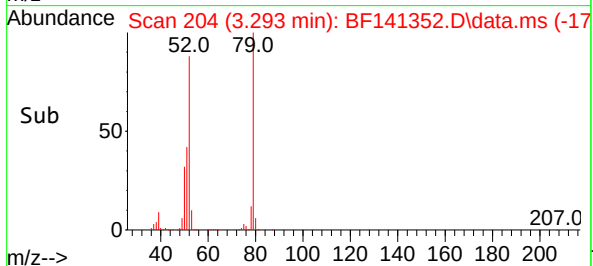
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



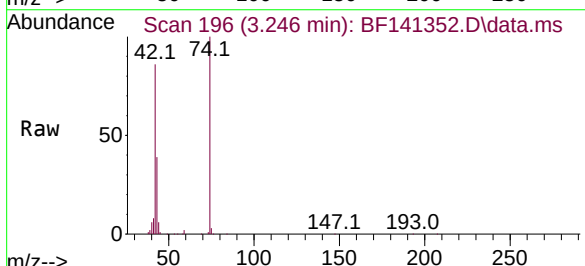
Tgt Ion: 79 Resp: 44046
Ion Ratio Lower Upper
79 100
52 87.7 70.3 105.5
51 42.3 34.3 51.5

Manual Integrations
APPROVED

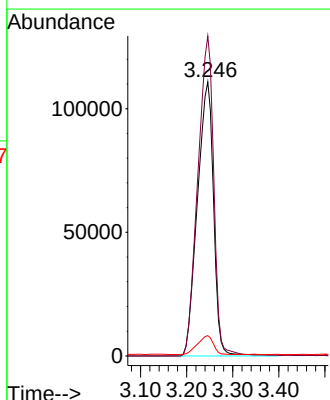
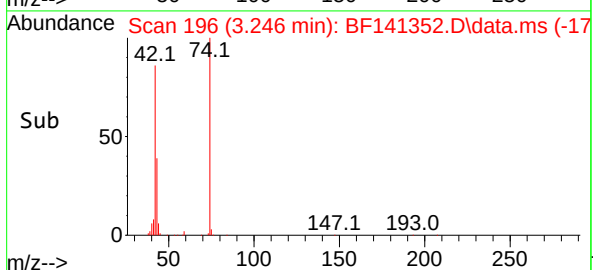
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

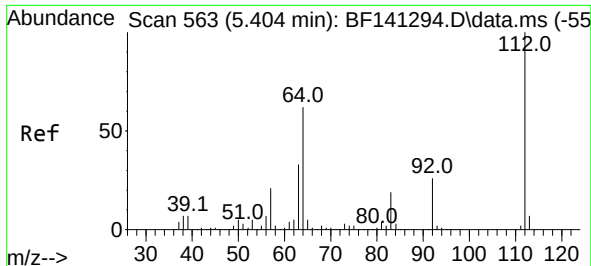


#4
n-Nitrosodimethylamine
Concen: 42.988 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.047 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion: 42 Resp: 271271
Ion Ratio Lower Upper
42 100
74 116.8 90.3 135.5
44 7.4 5.7 8.5





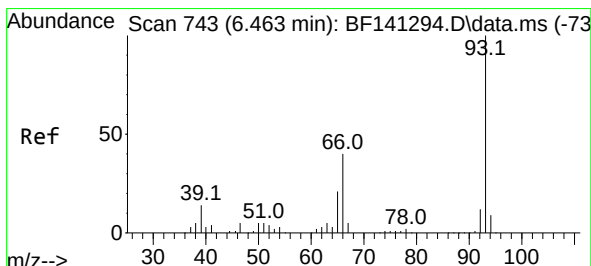
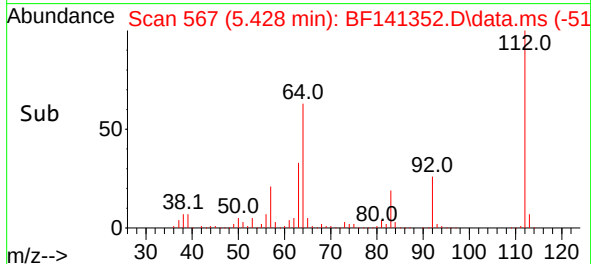
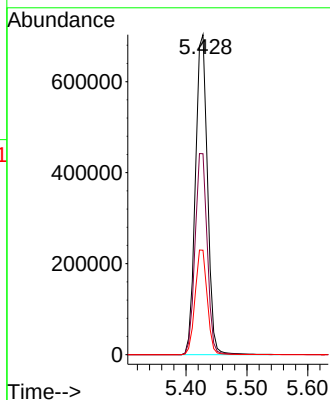
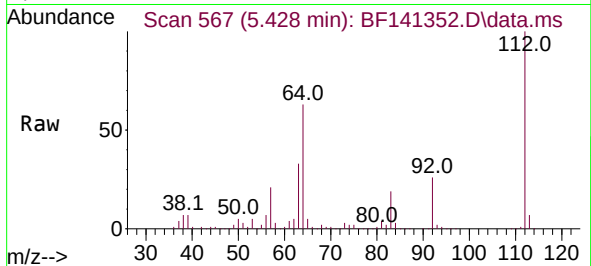
#5
2-Fluorophenol
Concen: 92.954 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:112 Resp: 96901
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 32.7 26.1 39.1

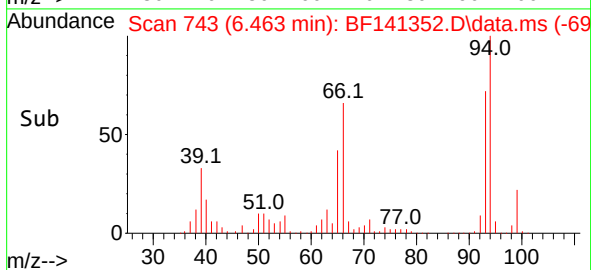
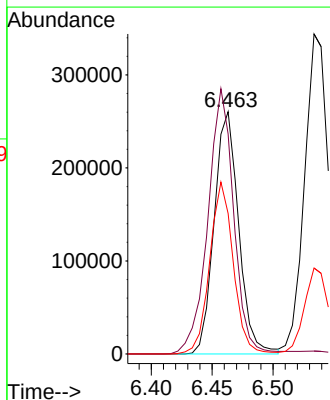
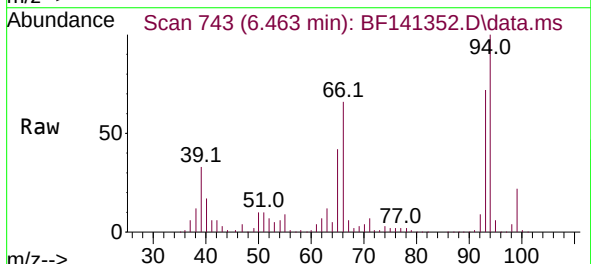
Manual Integrations
APPROVED

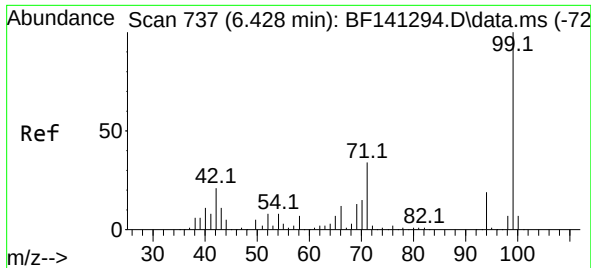
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 32.498 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 93 Resp: 364816
Ion Ratio Lower Upper
93 100
66 90.8 32.5 48.7#
65 58.0 17.0 25.6#





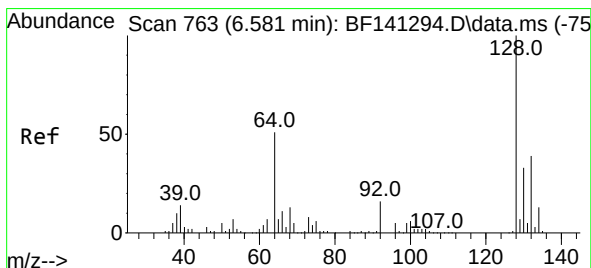
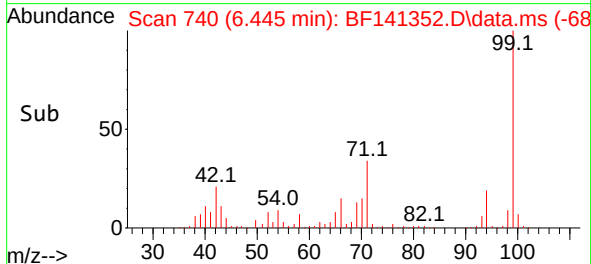
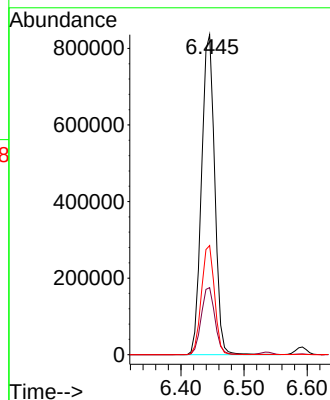
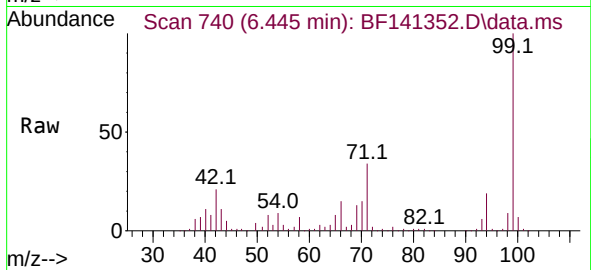
#7
Phenol-d6
Concen: 91.113 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion: 99 Resp: 120829
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 34.1 26.9 40.3

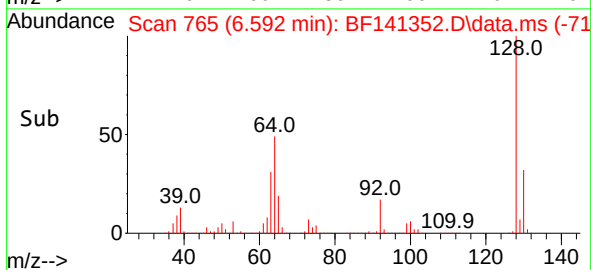
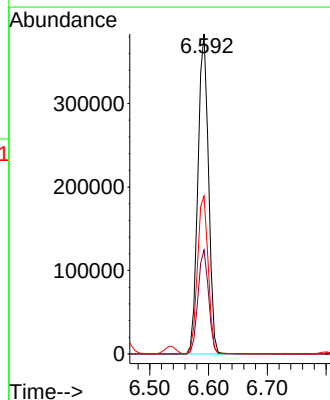
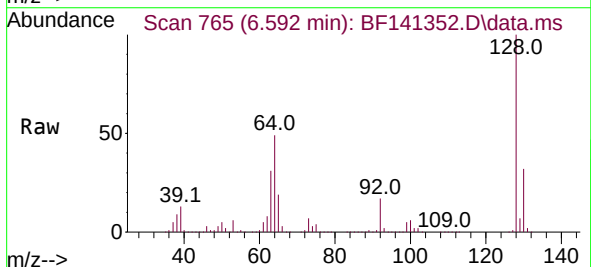
Manual Integrations
APPROVED

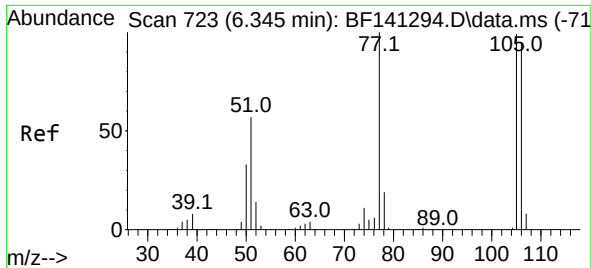
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 42.950 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:128 Resp: 479903
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 49.3 32.9 72.9





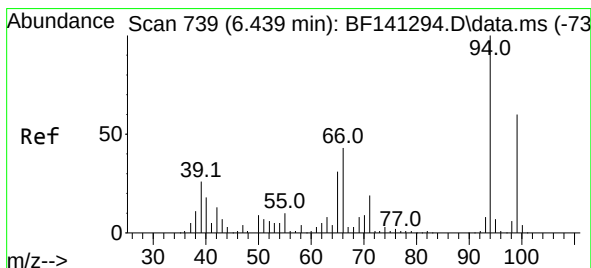
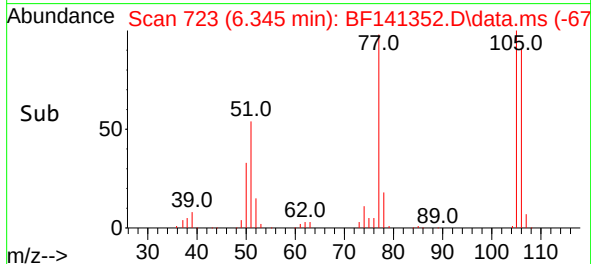
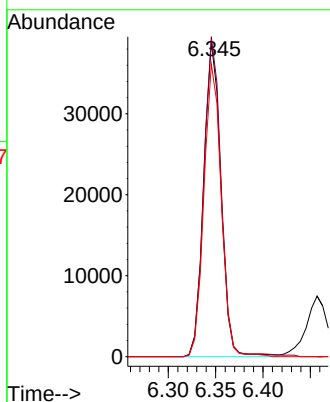
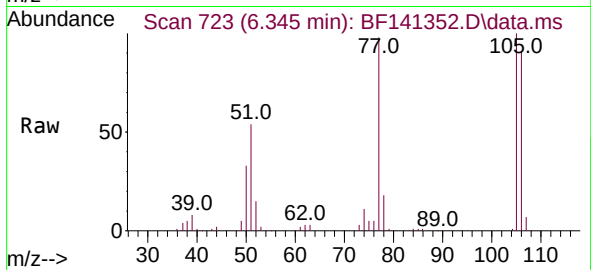
#9
Benzaldehyde
Concen: 6.398 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion: 77 Resp: 4914
Ion Ratio Lower Upper
77 100
105 101.7 79.4 119.4
106 93.0 74.6 114.6

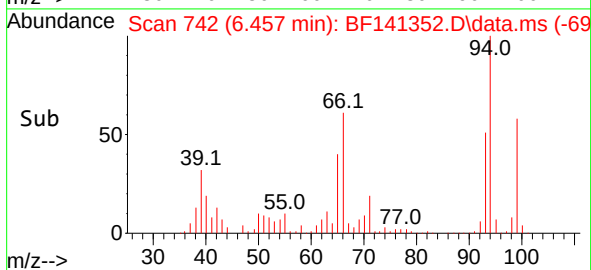
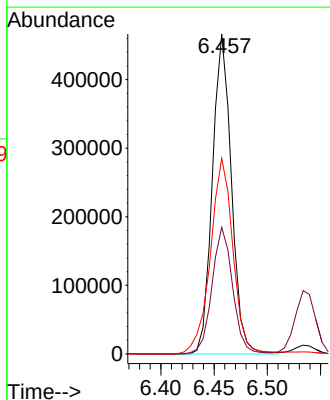
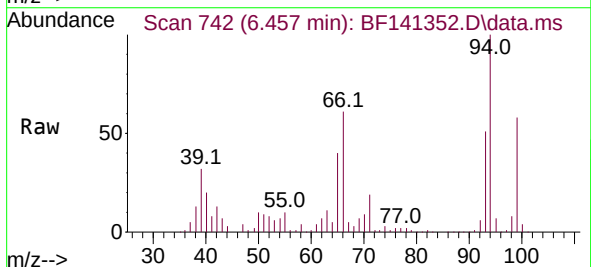
Manual Integrations
APPROVED

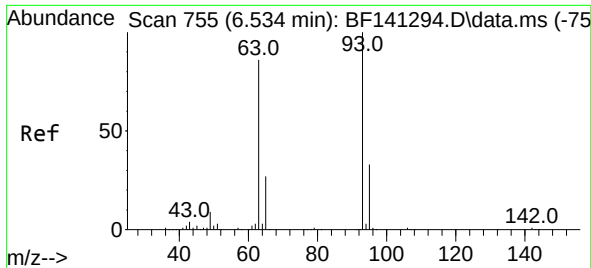
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 41.207 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

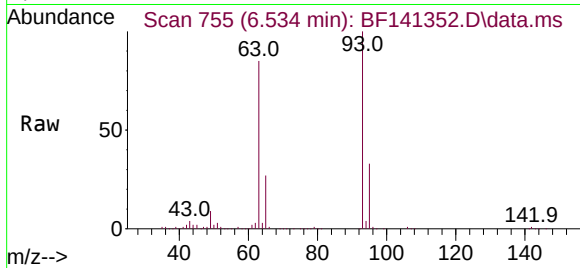
Tgt Ion: 94 Resp: 579286
Ion Ratio Lower Upper
94 100
65 39.6 10.8 50.8
66 61.1 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 43.327 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

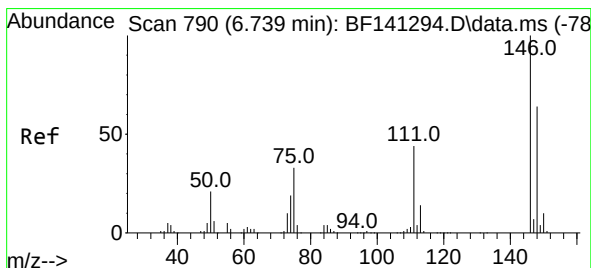
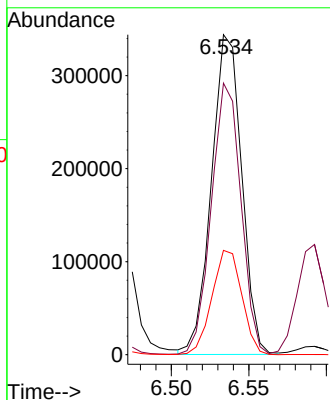
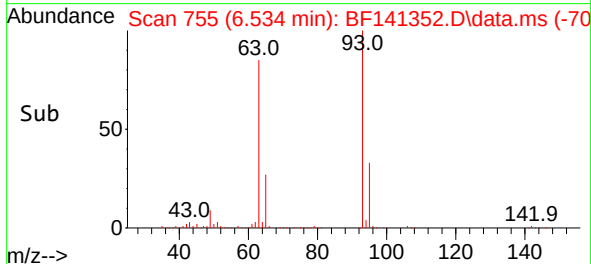
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



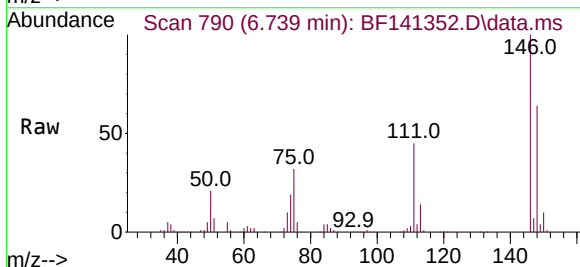
Tgt Ion: 93 Resp: 467010
Ion Ratio Lower Upper
93 100
63 84.9 65.0 105.0
95 32.6 12.4 52.4

Manual Integrations
APPROVED

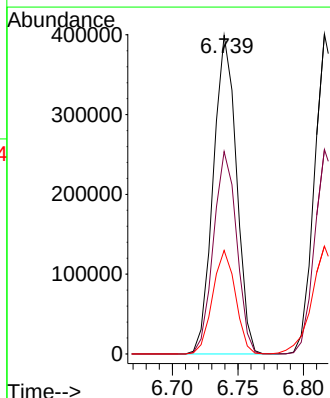
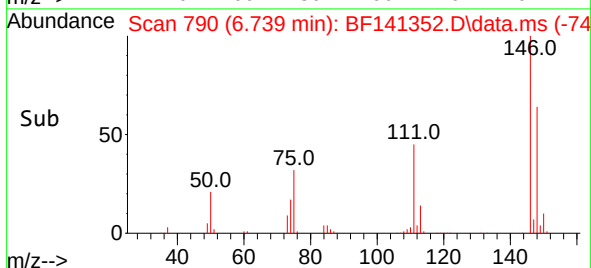
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

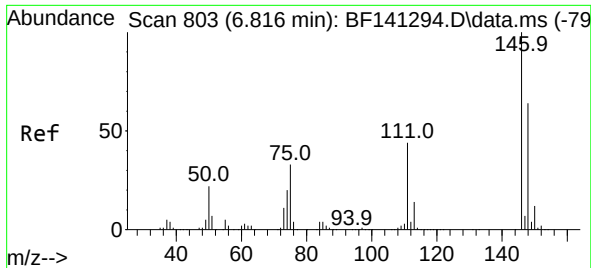


#12
1,3-Dichlorobenzene
Concen: 39.748 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:146 Resp: 489696
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 32.5 26.2 39.4





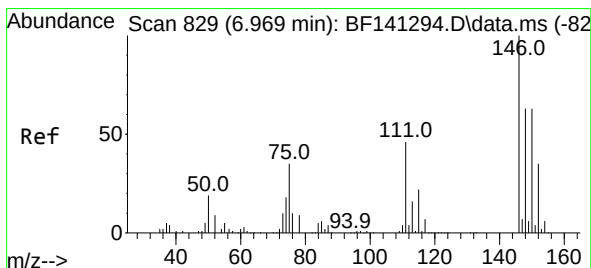
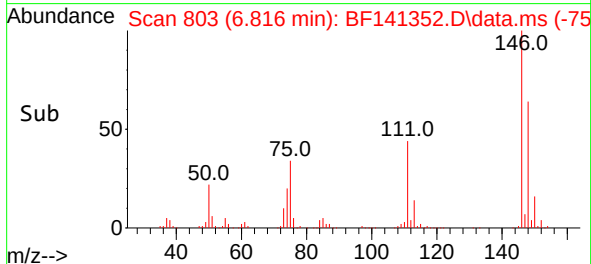
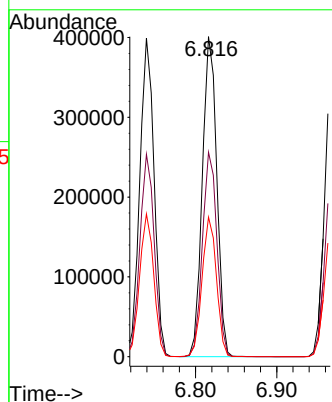
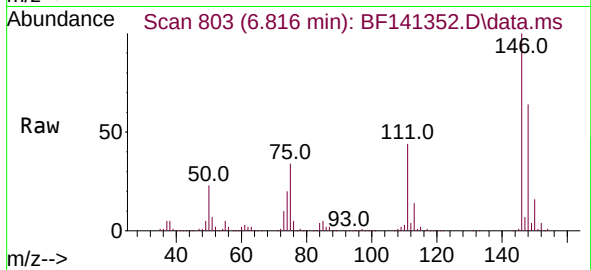
#13
1,4-Dichlorobenzene
Concen: 40.035 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:146 Resp: 49549
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 43.6 35.0 52.4

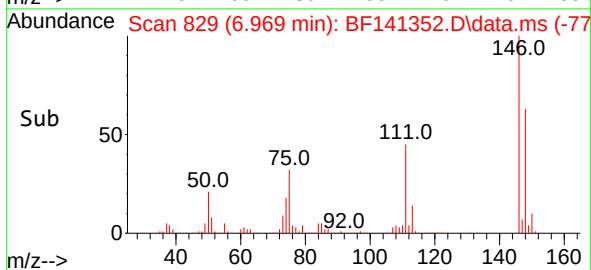
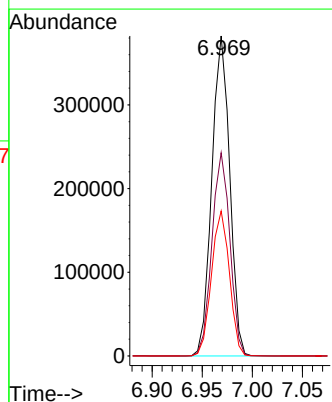
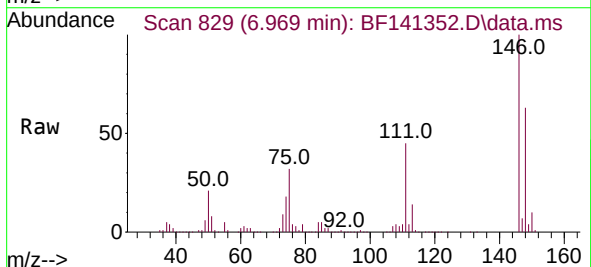
Manual Integrations
APPROVED

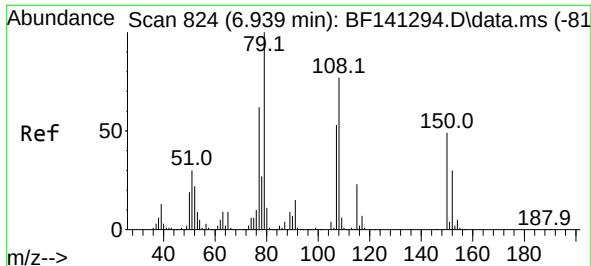
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 40.916 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

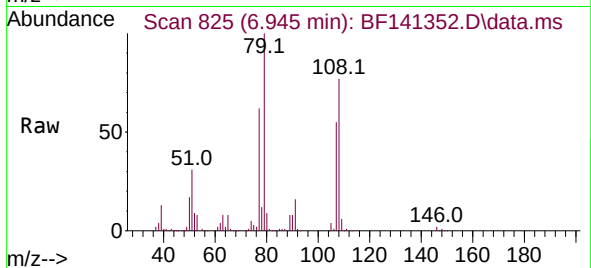
Tgt Ion:146 Resp: 474188
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 45.3 36.6 55.0





#15
Benzyl Alcohol
Concen: 45.050 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

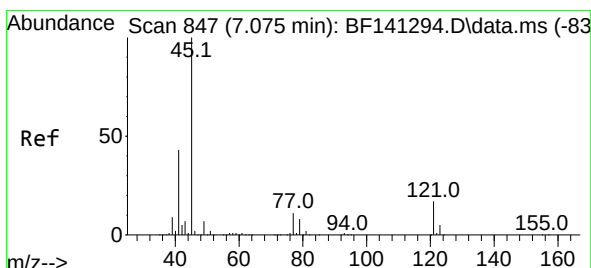
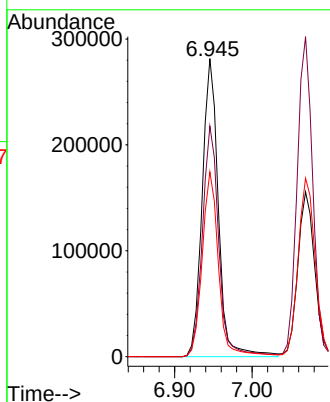
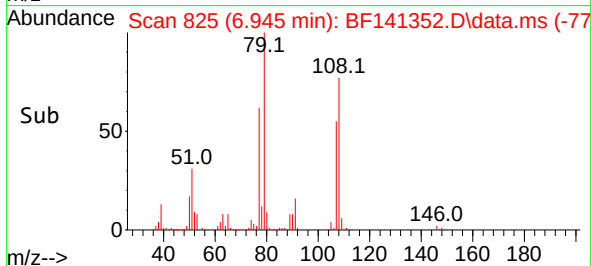
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion: 79 Resp: 40828
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 62.0 49.9 74.9

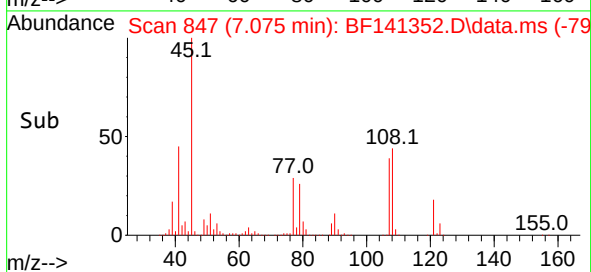
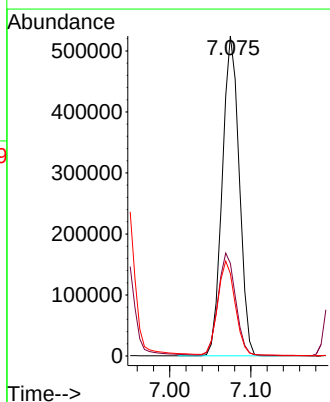
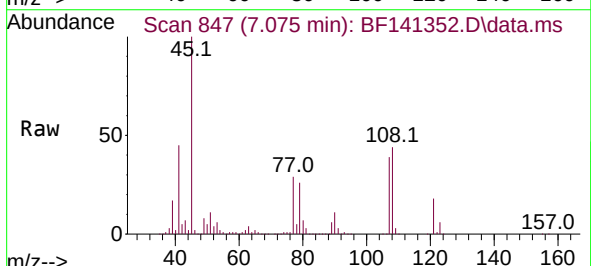
Manual Integrations
APPROVED

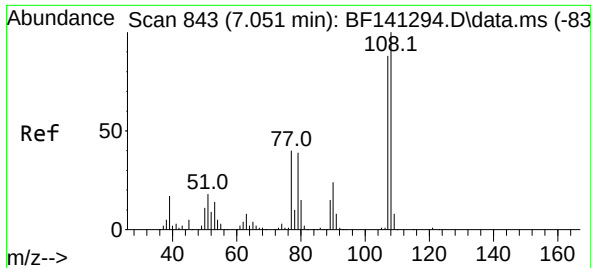
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.597 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

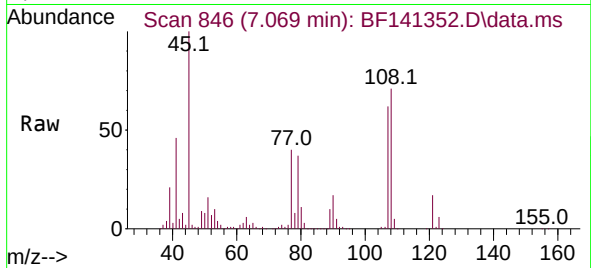
Tgt Ion: 45 Resp: 760918
Ion Ratio Lower Upper
45 100
77 29.0 0.0 31.8
79 25.8 0.0 29.1





#17
2-Methylphenol
Concen: 40.738 ng
RT: 7.069 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

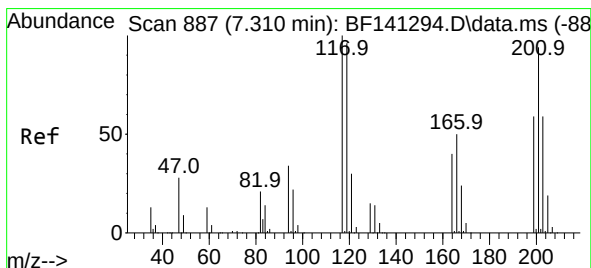
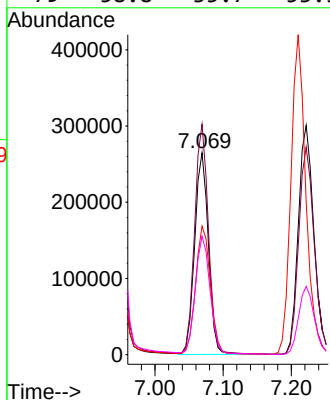
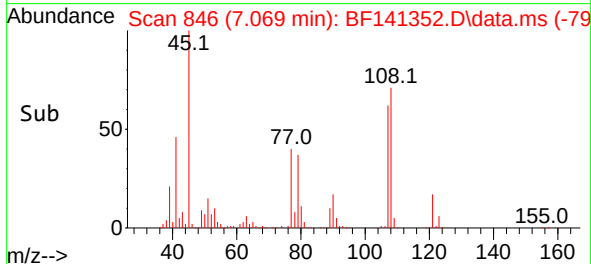
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion:107 Resp: 36994
Ion Ratio Lower Upper
107 100
108 114.1 90.8 136.2
77 63.7 36.2 54.4
79 58.8 35.7 53.5#

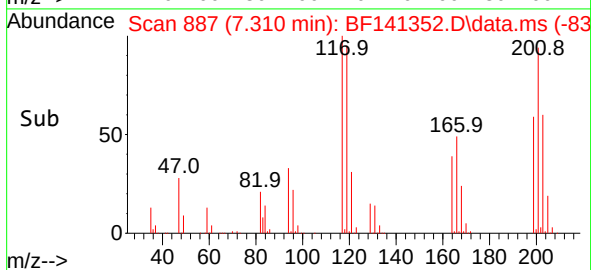
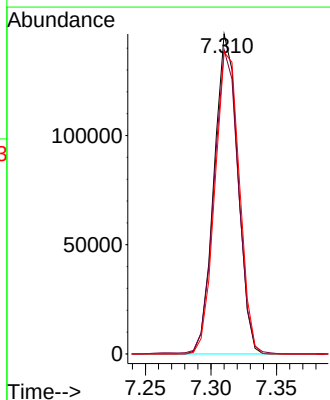
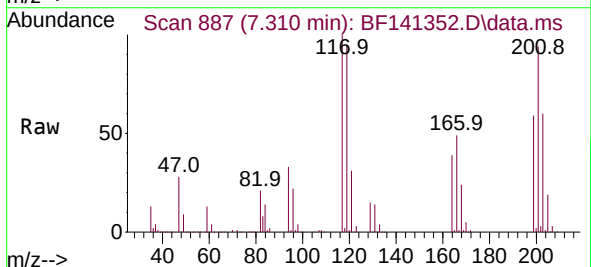
Manual Integrations
APPROVED

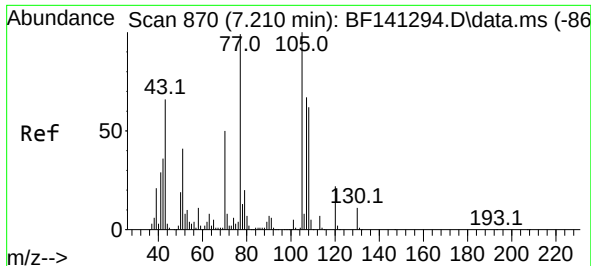
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 40.294 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:117 Resp: 183972
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 94.4 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.762 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

Tgt Ion: 70 Resp: 329084

Ion Ratio Lower Upper

70 100

42 68.5 56.8 85.2

101 9.5 7.7 11.5

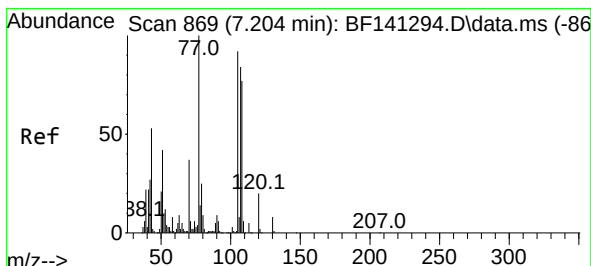
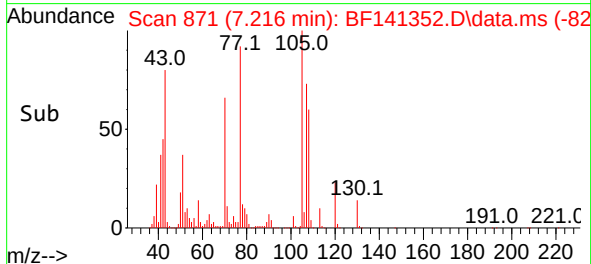
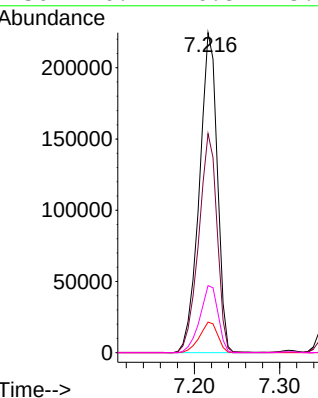
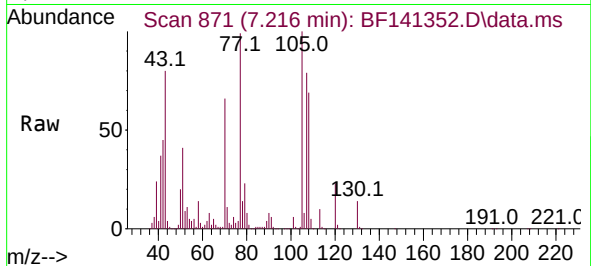
130 20.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

Concen: 42.911 ng

RT: 7.222 min Scan# 872

Delta R.T. 0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion:107 Resp: 478463

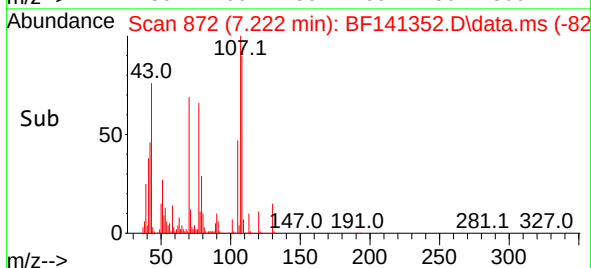
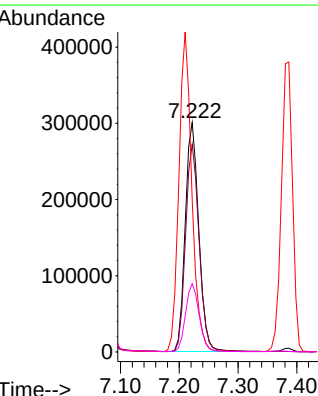
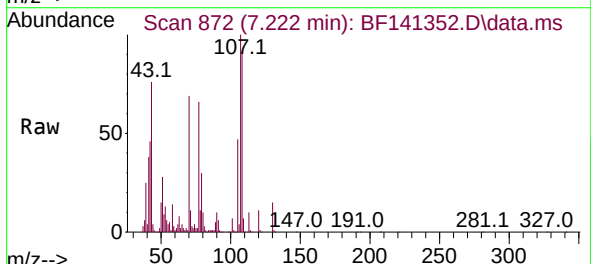
Ion Ratio Lower Upper

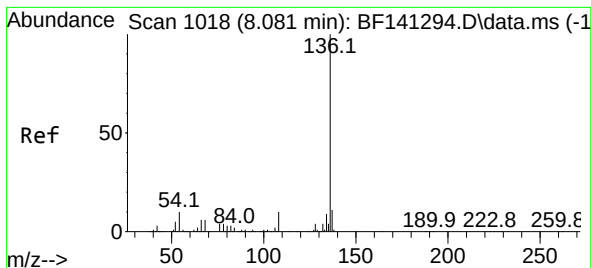
107 100

108 90.5 70.9 110.9

77 66.3 98.5 138.5#

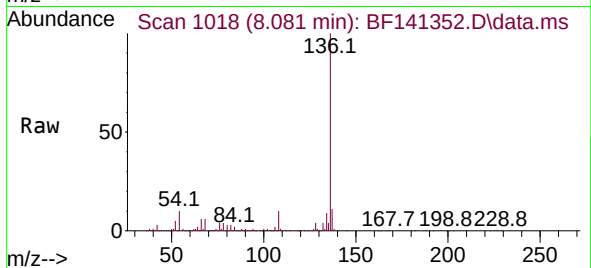
79 29.8 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

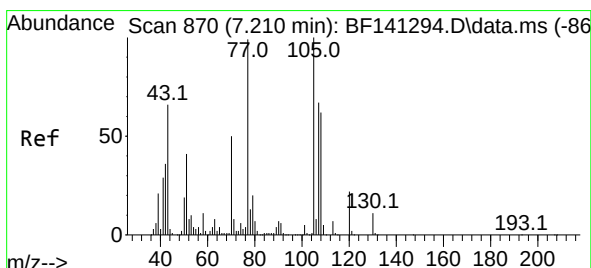
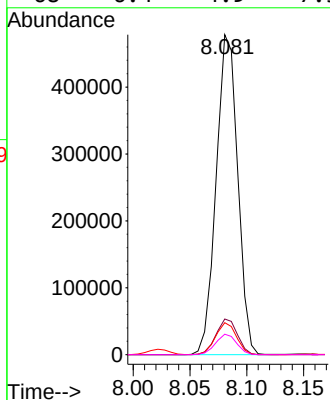
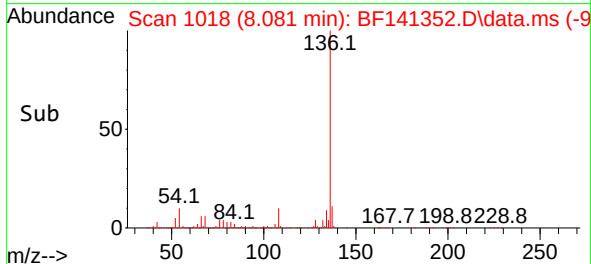
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



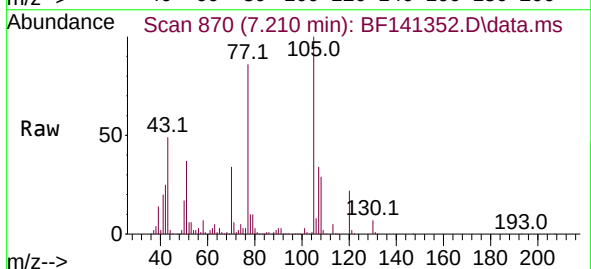
Tgt Ion:136 Resp: 63208
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.0 7.8 11.8
68 6.4 4.9 7.3

Manual Integrations
APPROVED

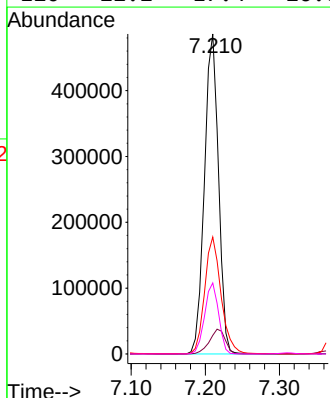
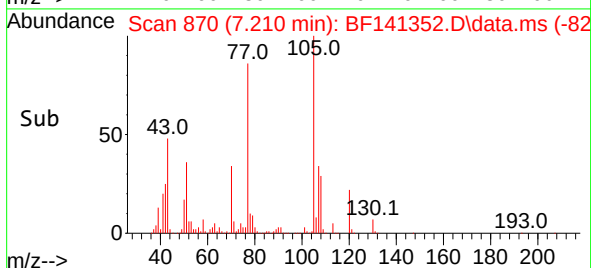
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

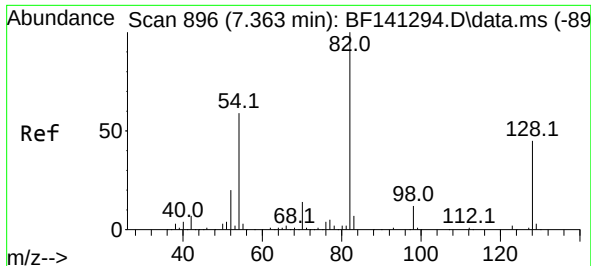


#22
Acetophenone
Concen: 42.694 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:105 Resp: 641459
Ion Ratio Lower Upper
105 100
71 5.8 6.8 10.2#
51 36.6 32.6 49.0
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 65.213 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

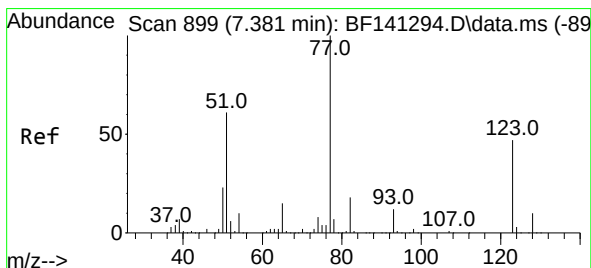
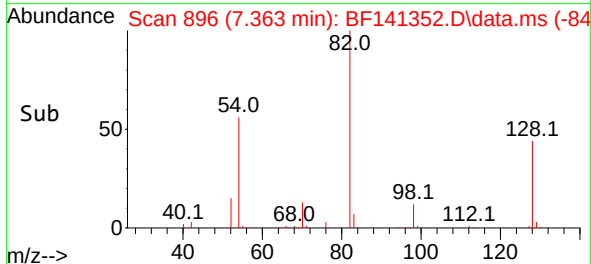
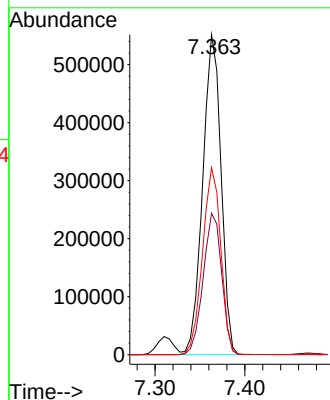
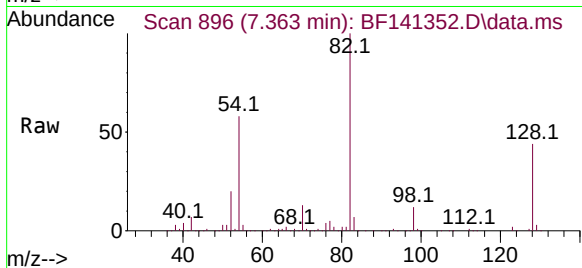
Tgt Ion: 82 Resp: 78191

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.4	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 40.443 ng

RT: 7.386 min Scan# 900

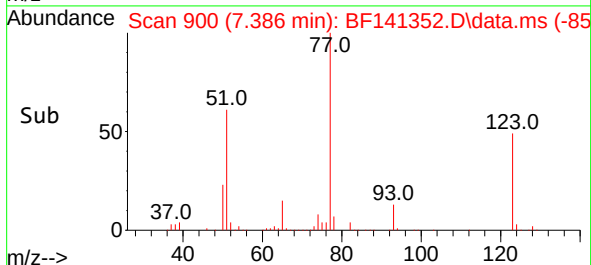
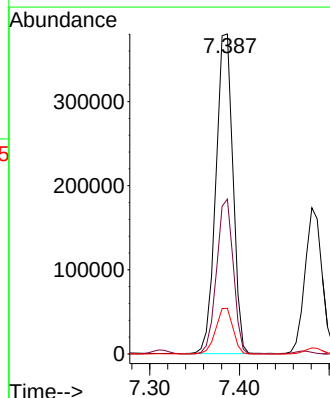
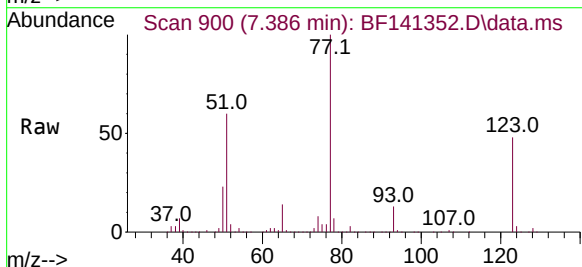
Delta R.T. -0.006 min

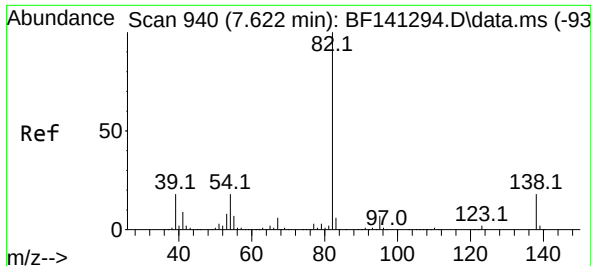
Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion: 77 Resp: 502528

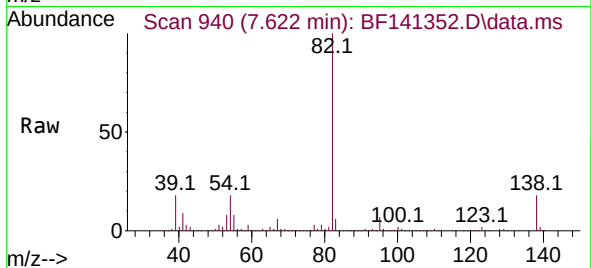
Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.3	55.9
65	14.2	11.8	17.6





#25
Isophorone
Concen: 43.053 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

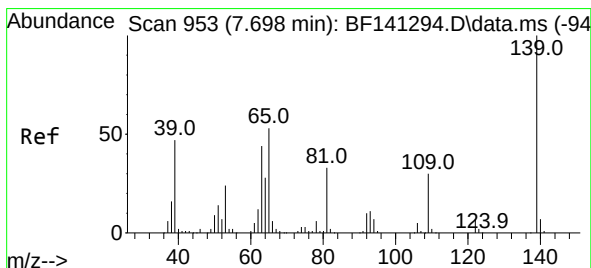
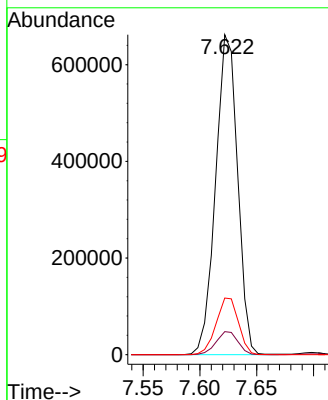
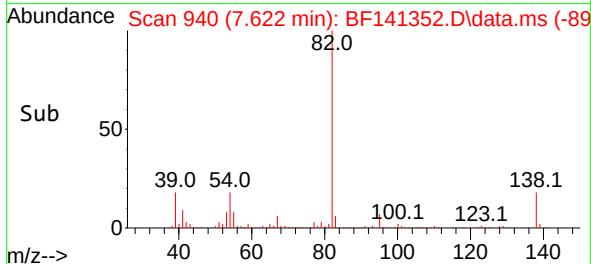
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



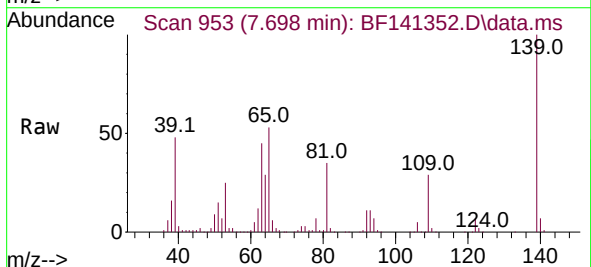
Tgt Ion: 82 Resp: 892320
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.7 14.7 22.1

Manual Integrations
APPROVED

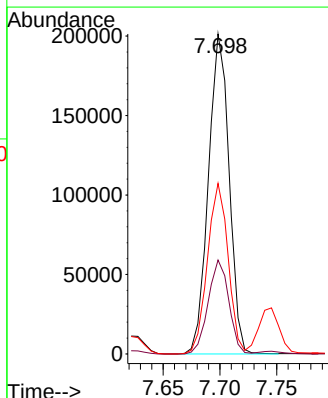
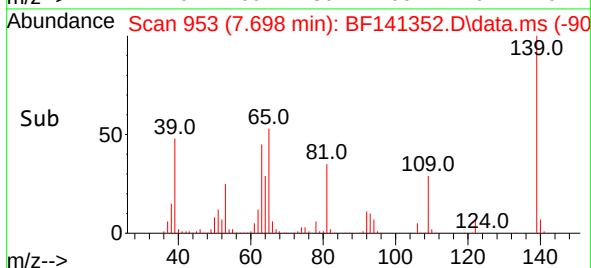
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

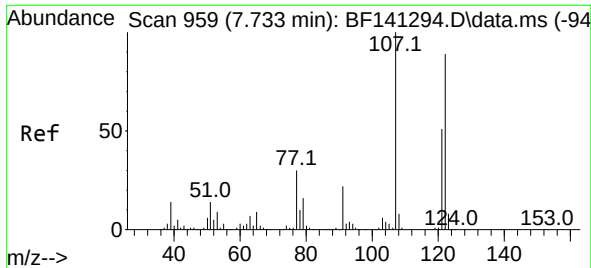


#26
2-Nitrophenol
Concen: 43.531 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



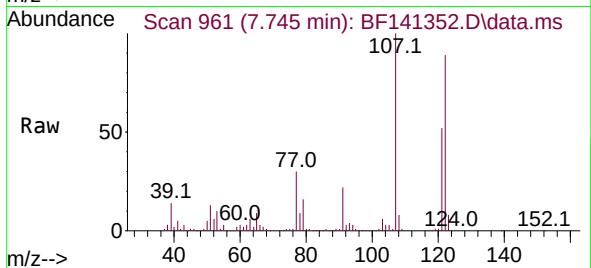
Tgt Ion:139 Resp: 255094
Ion Ratio Lower Upper
139 100
109 29.4 23.8 35.6
65 53.3 42.2 63.4





#27
2,4-Dimethylphenol
Concen: 50.107 ng m
RT: 7.745 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

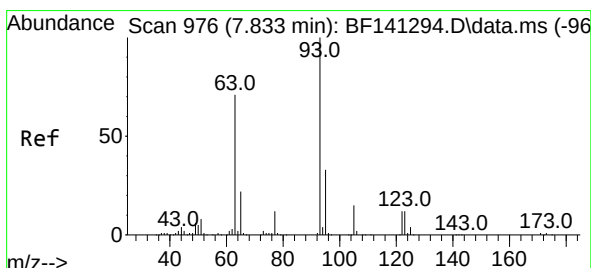
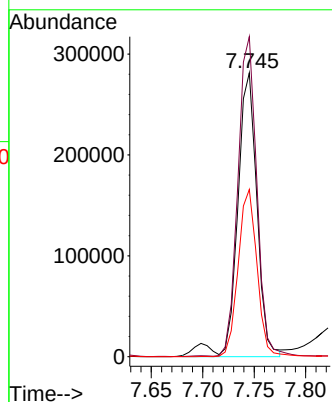
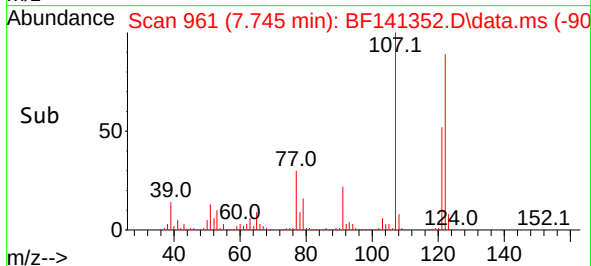
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion:122 Resp: 37374
Ion Ratio Lower Upper
122 100
107 112.7 89.9 134.9
121 58.9 46.1 69.1

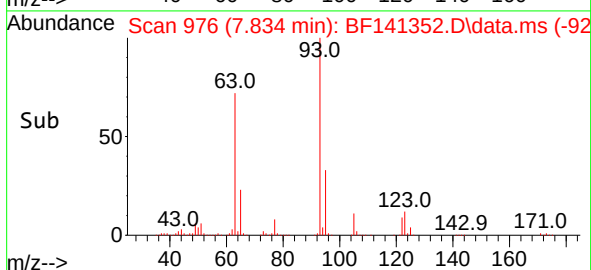
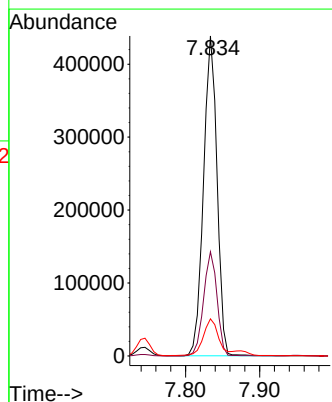
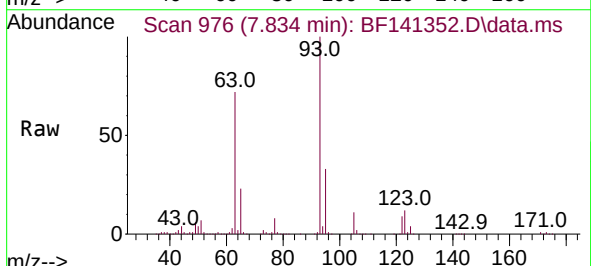
Manual Integrations
APPROVED

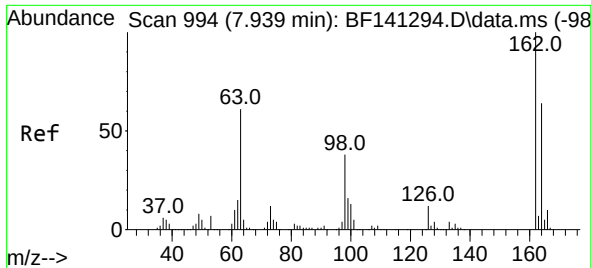
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.009 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 93 Resp: 555377
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.827 ng

RT: 7.951 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

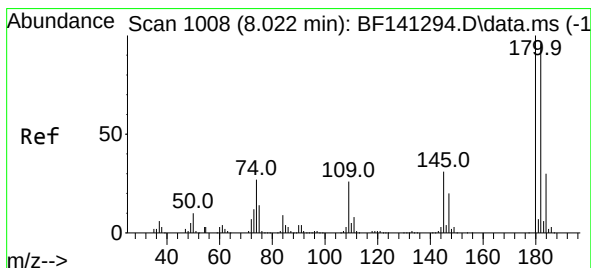
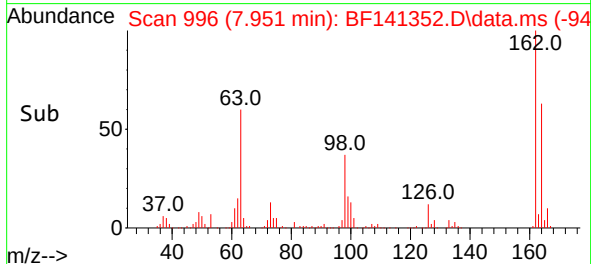
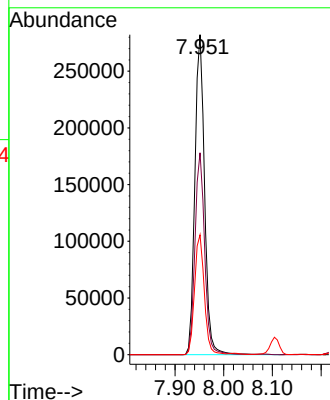
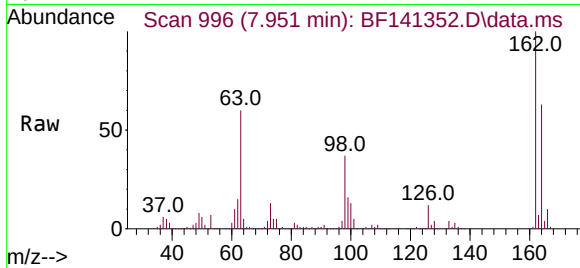
B-113-SB02MS

Tgt Ion:162	Resp:	39106
Ion Ratio	Lower	Upper
162	100	
164	63.1	44.2 84.2
98	37.5	18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.069 ng

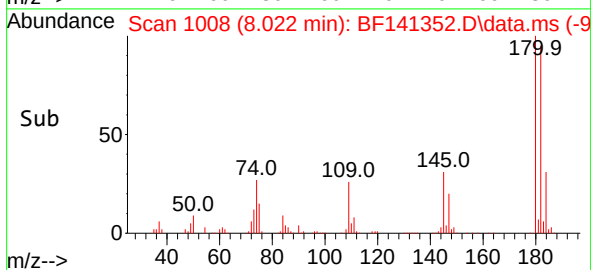
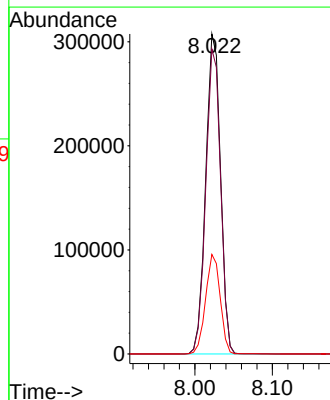
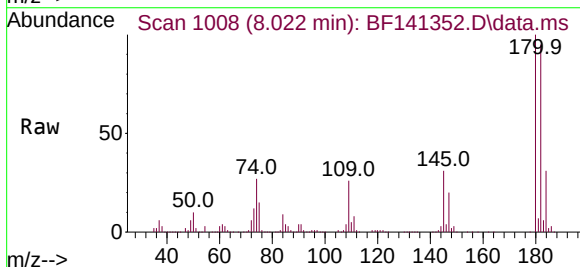
RT: 8.022 min Scan# 1008

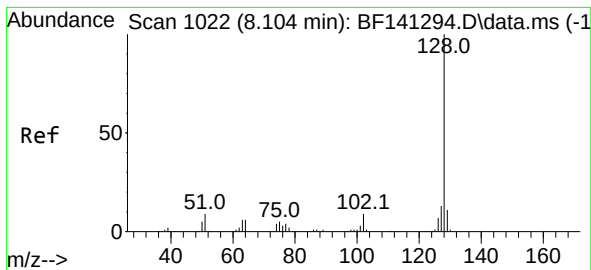
Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion:180	Resp:	407421
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.4 114.6
145	31.1	24.9 37.3





#31

Naphthalene

Concen: 40.119 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

Tgt Ion:128 Resp: 133961

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

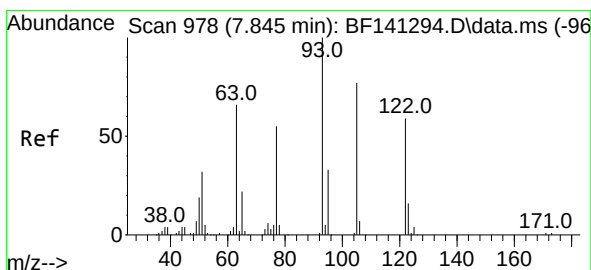
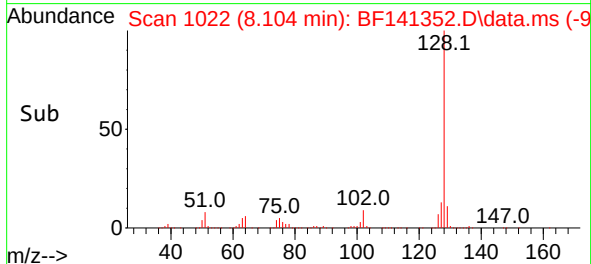
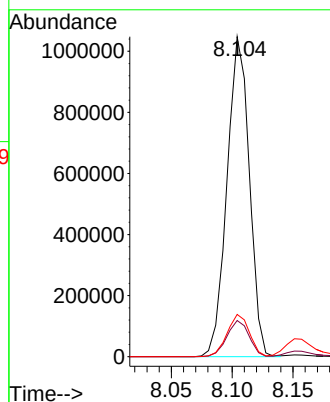
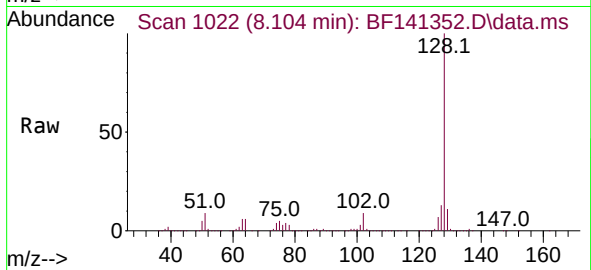
127 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#32

Benzoic acid

Concen: 42.771 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

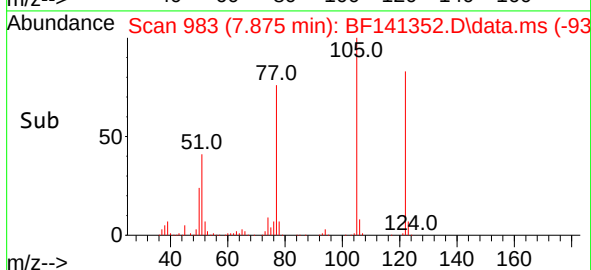
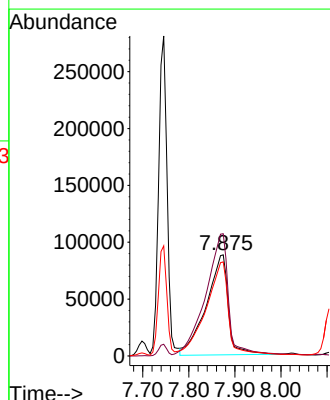
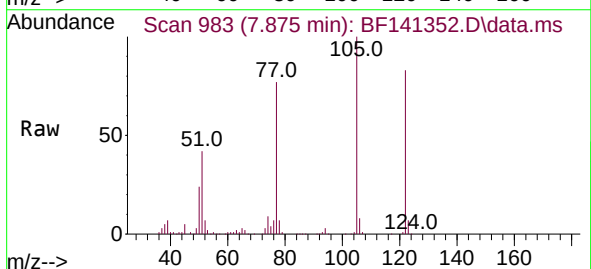
Tgt Ion:122 Resp: 293276

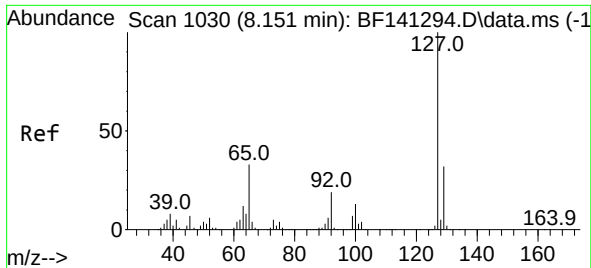
Ion Ratio Lower Upper

122 100

105 121.0 103.4 143.4

77 93.1 70.9 110.9





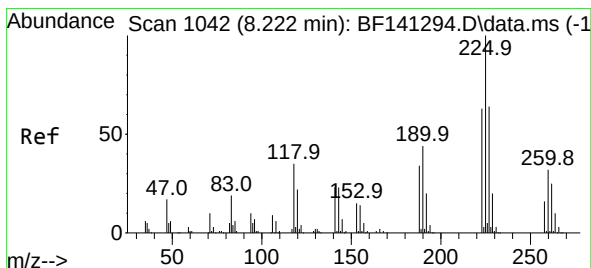
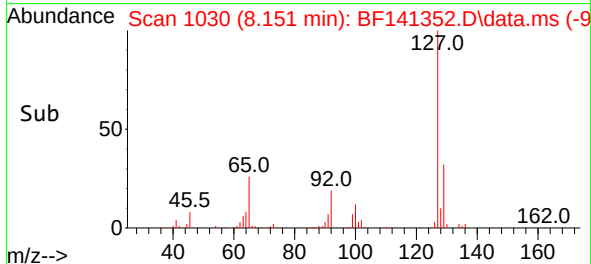
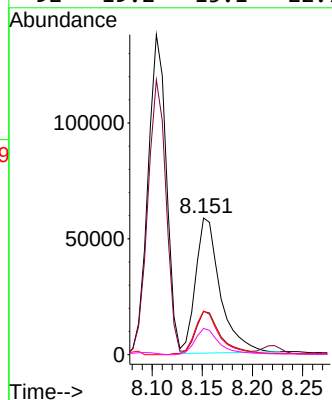
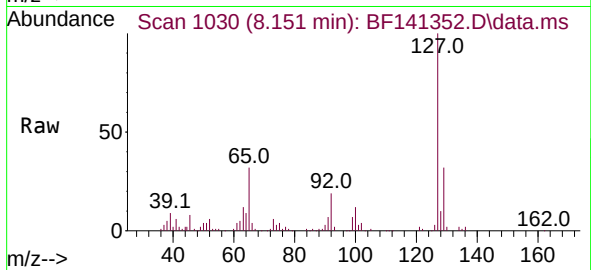
#33
4-Chloroaniline
Concen: 8.796 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:	127	Resp:	99598
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.7	38.5
65	32.0	26.4	39.6
92	19.2	15.1	22.7

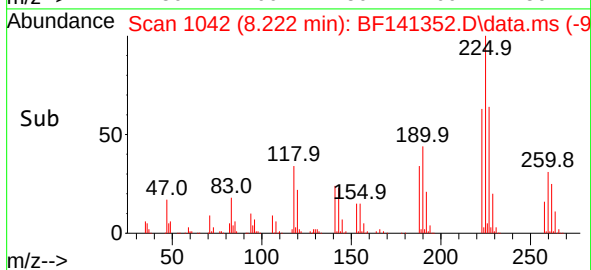
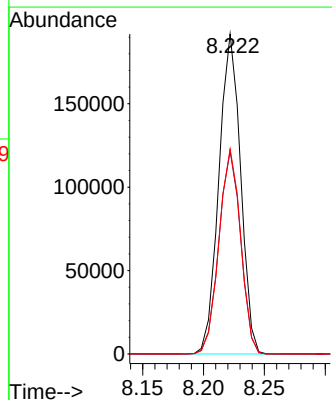
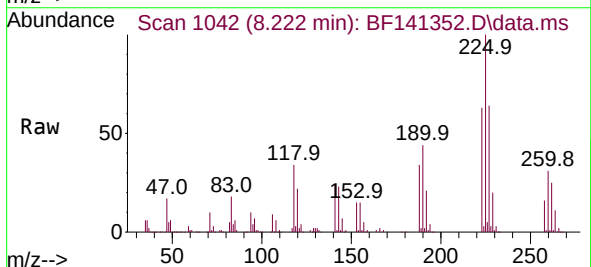
Manual Integrations
APPROVED

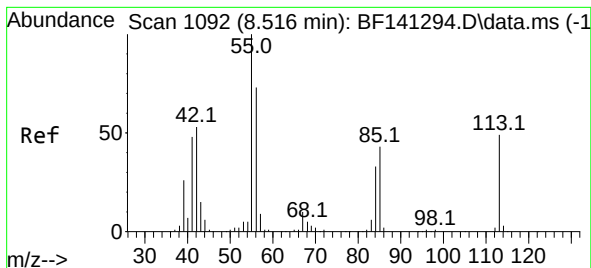
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 38.821 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:	225	Resp:	237412
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.4	75.6
227	64.1	51.3	76.9





#35

Caprolactam

Concen: 43.427 ng m

RT: 8.522 min Scan# 1093

Delta R.T. -0.024 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

Tgt Ion:113 Resp: 129509

Ion Ratio Lower Upper

113 100

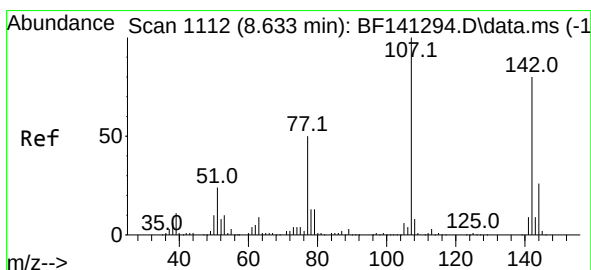
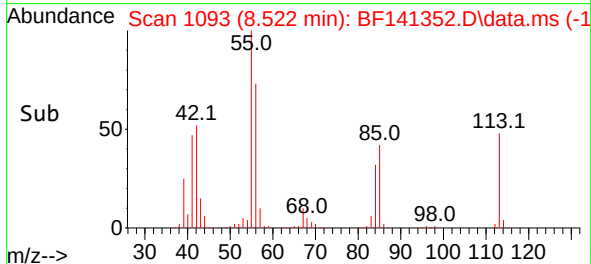
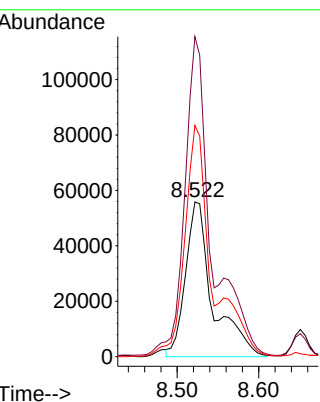
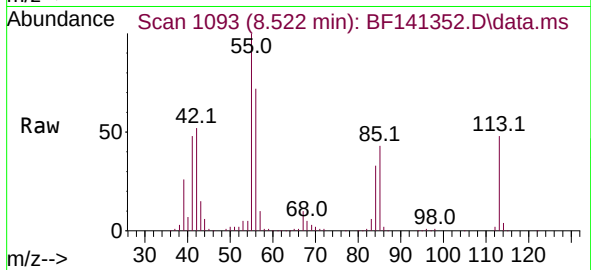
55 206.9 182.9 222.9

56 149.6 127.9 167.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#36

4-Chloro-3-methylphenol

Concen: 42.094 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.012 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

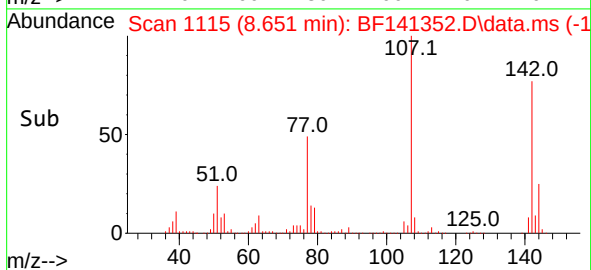
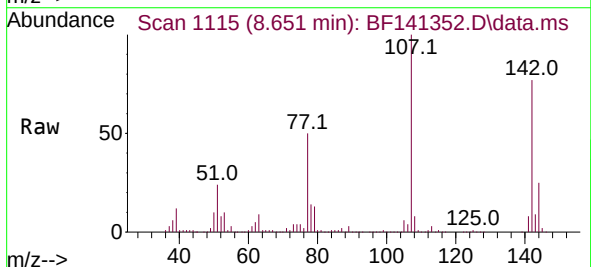
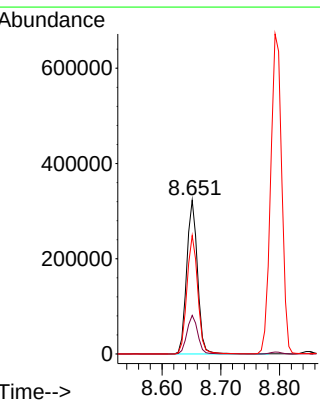
Tgt Ion:107 Resp: 412298

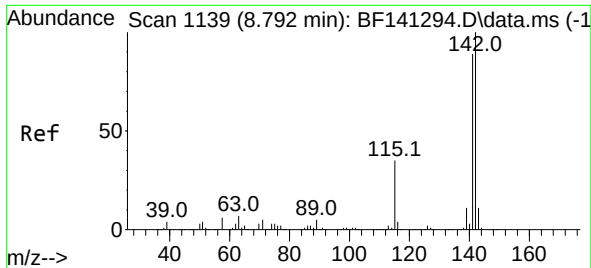
Ion Ratio Lower Upper

107 100

144 25.1 20.7 31.1

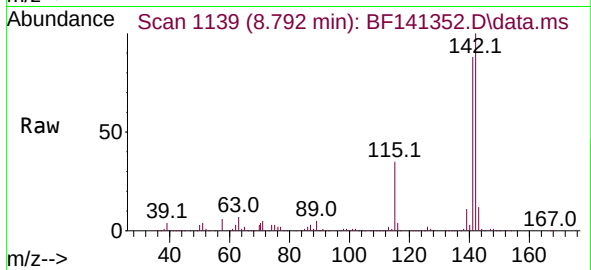
142 77.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 41.263 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

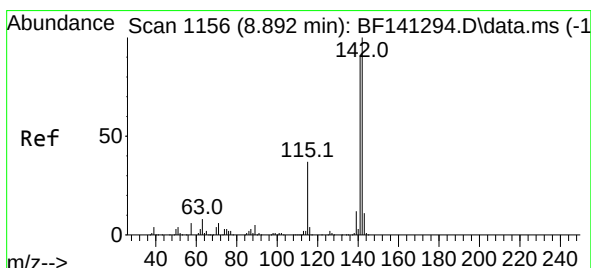
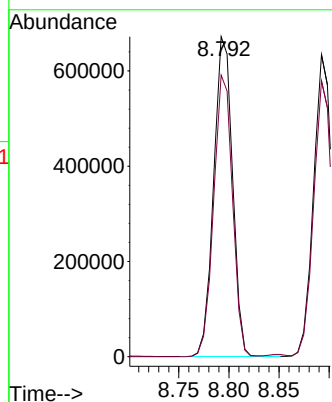
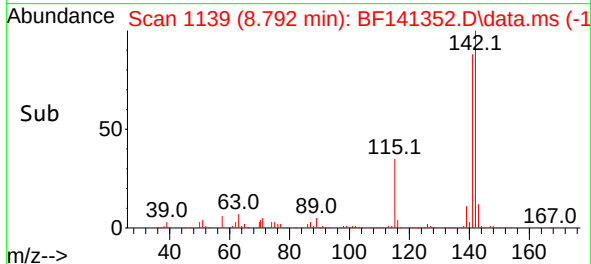
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



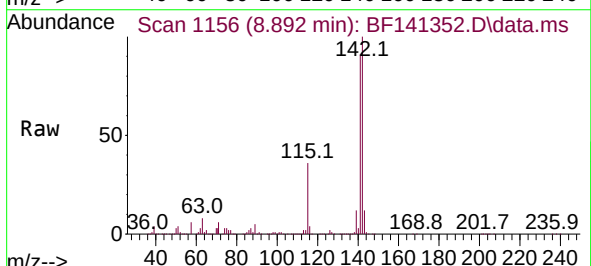
Tgt Ion:142 Resp: 875724
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9

Manual Integrations
APPROVED

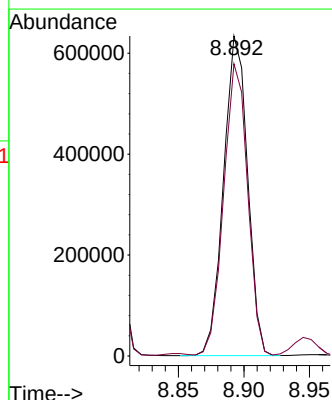
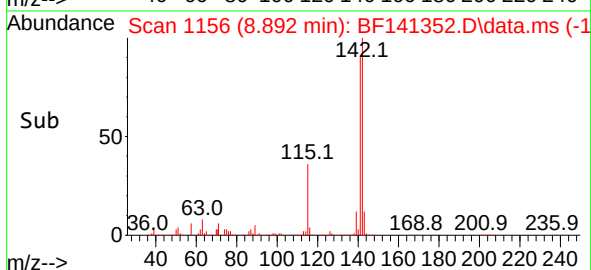
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

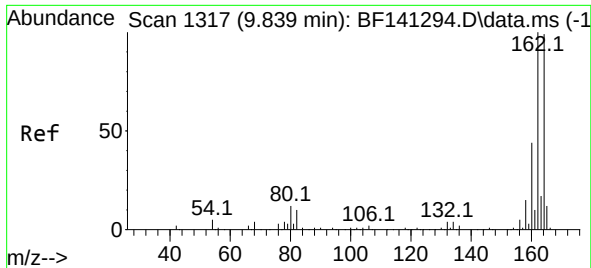


#38
1-Methylnaphthalene
Concen: 38.739 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



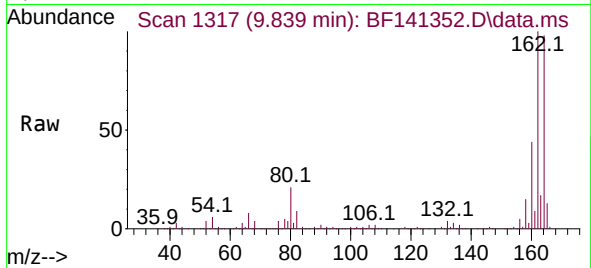
Tgt Ion:142 Resp: 807610
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

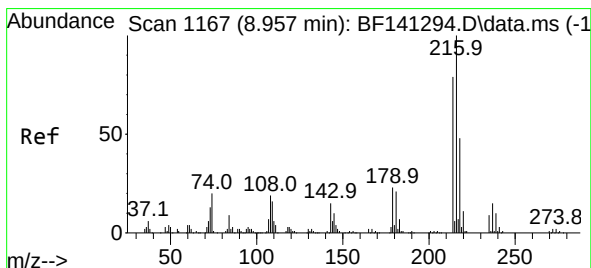
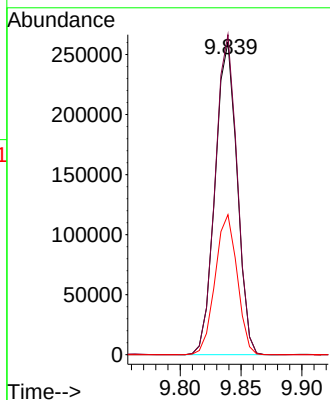
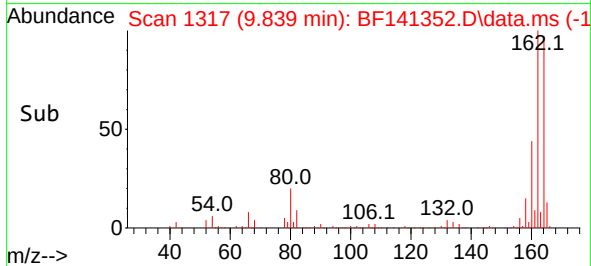
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



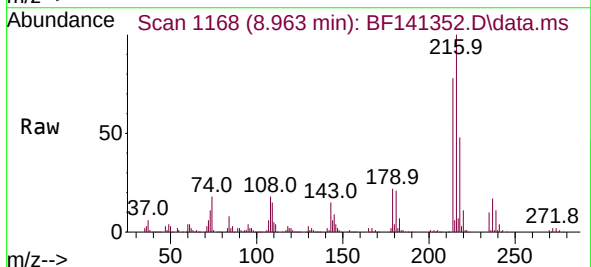
Tgt Ion:164 Resp: 327389
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 44.8 35.8 53.6

Manual Integrations
APPROVED

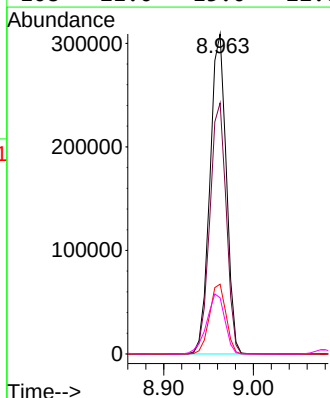
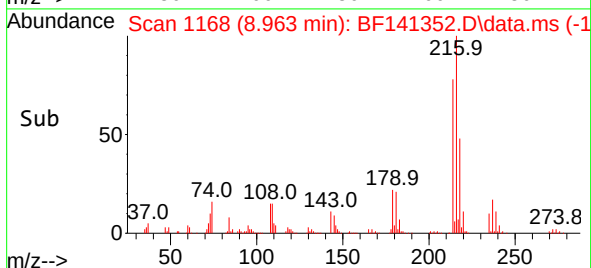
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

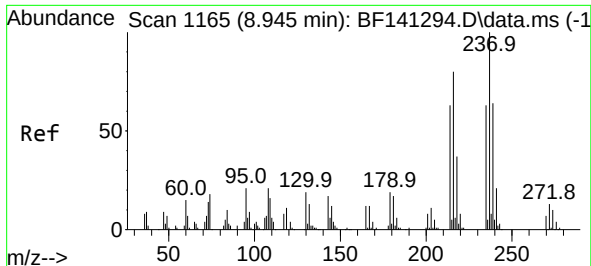


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.976 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



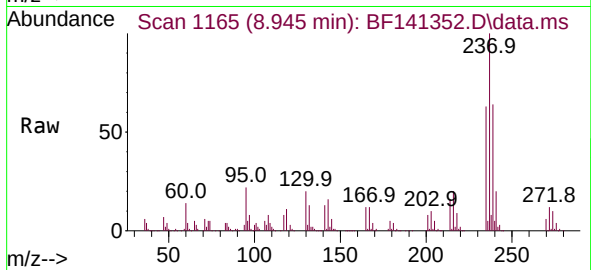
Tgt Ion:216 Resp: 390961
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 22.0 17.8 26.8
108 21.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 133.935 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

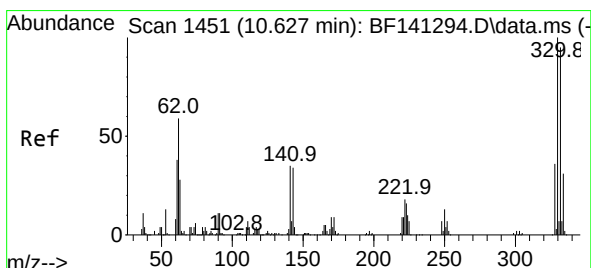
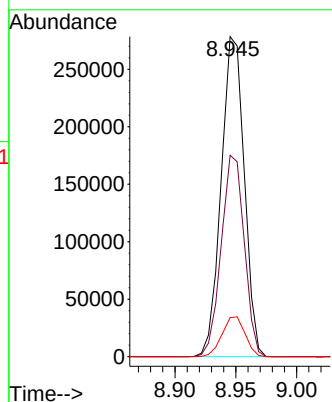
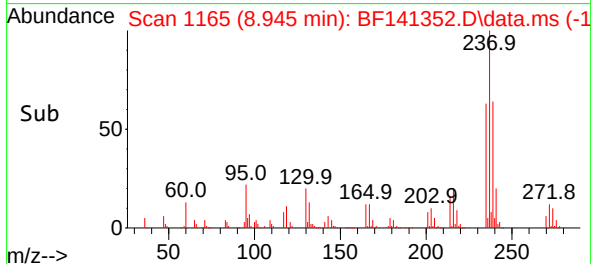
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



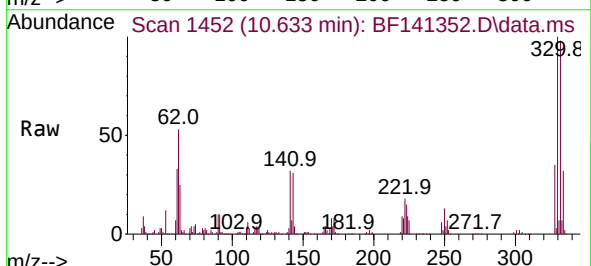
Tgt Ion:237 Resp: 368408
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.2 0.0 32.8

Manual Integrations
APPROVED

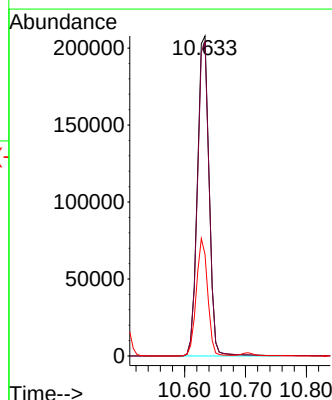
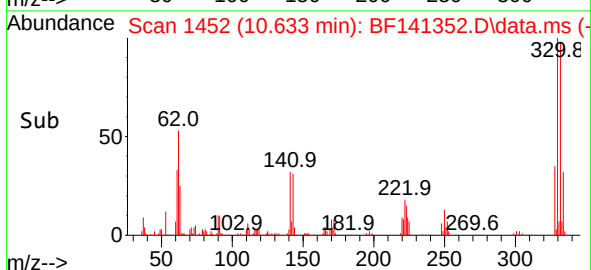
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

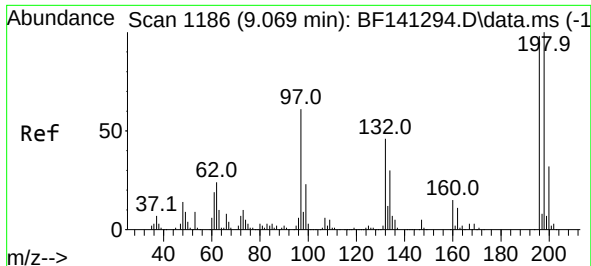


#42
2,4,6-Tribromophenol
Concen: 92.213 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



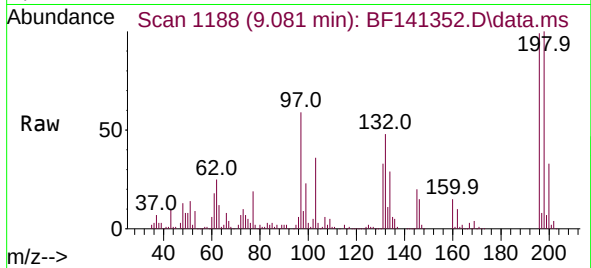
Tgt Ion:330 Resp: 276769
Ion Ratio Lower Upper
330 100
332 98.3 76.1 114.1
141 35.7 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 43.328 ng
RT: 9.081 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

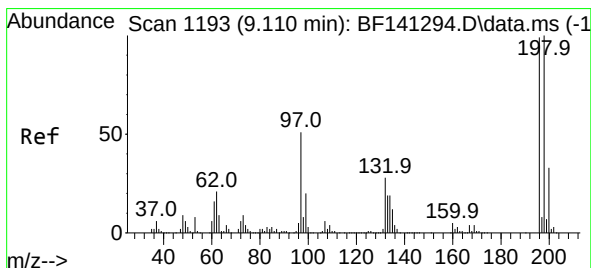
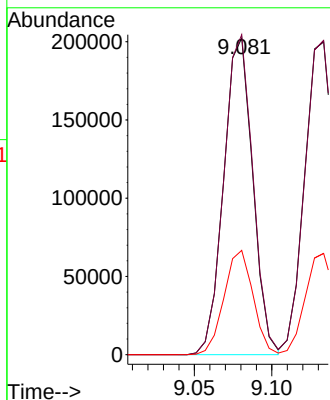
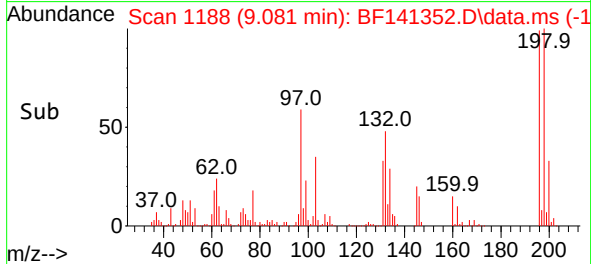
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



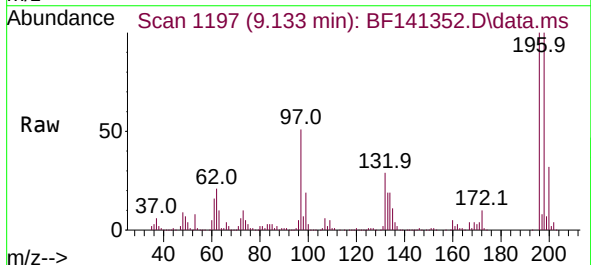
Tgt Ion:196 Resp: 26414
Ion Ratio Lower Upper
196 100
198 101.1 81.8 122.6
200 32.9 26.3 39.5

Manual Integrations
APPROVED

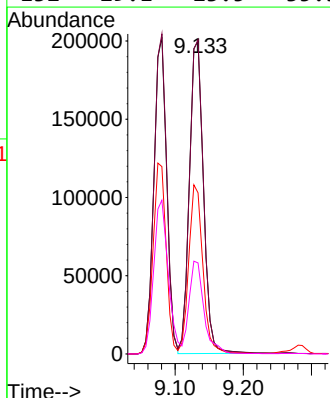
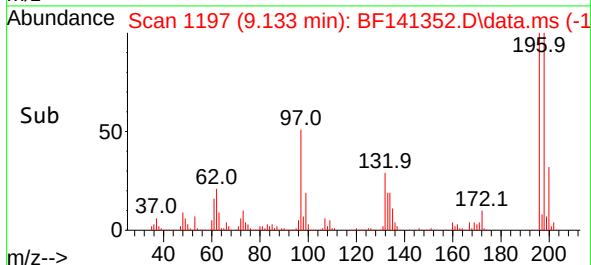
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

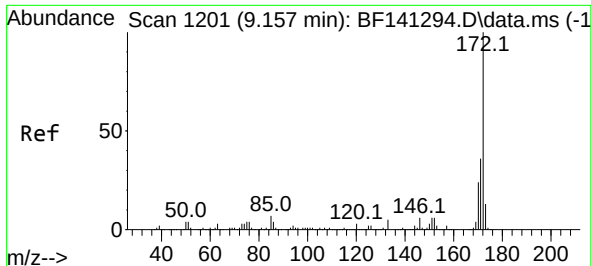


#44
2,4,5-Trichlorophenol
Concen: 42.861 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.017 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:196 Resp: 284388
Ion Ratio Lower Upper
196 100
198 100.4 80.5 120.7
97 51.5 42.8 64.2
132 29.1 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 61.779 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

Tgt Ion:172 Resp: 131406

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

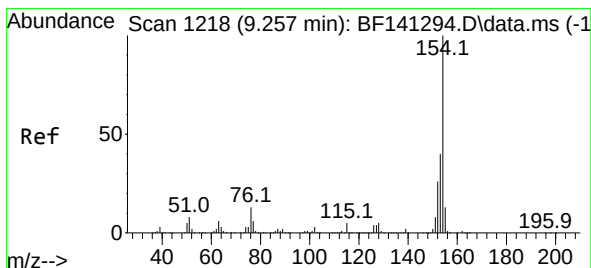
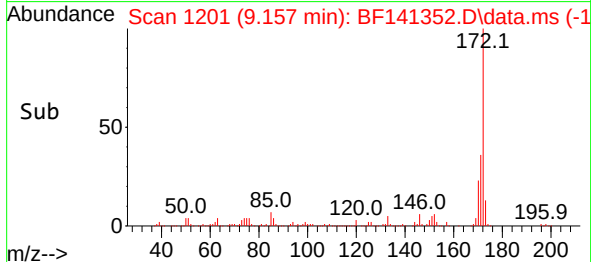
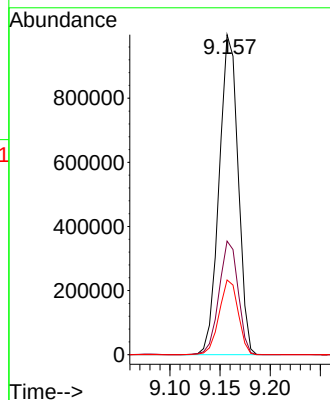
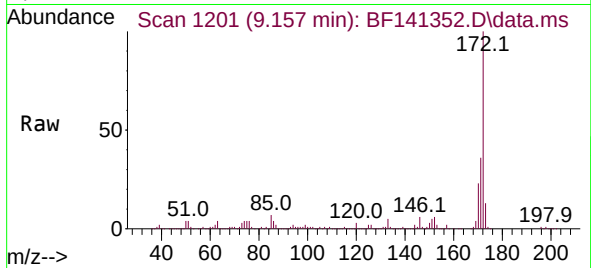
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#46

1,1'-Biphenyl

Concen: 41.919 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

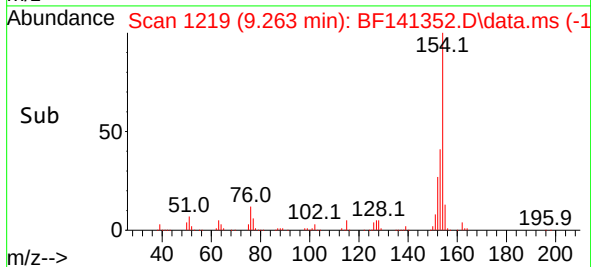
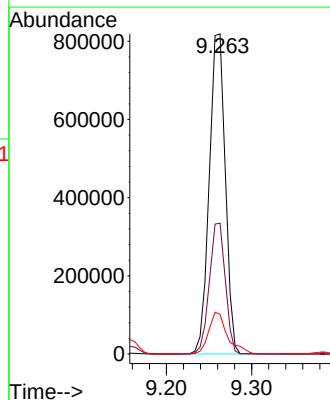
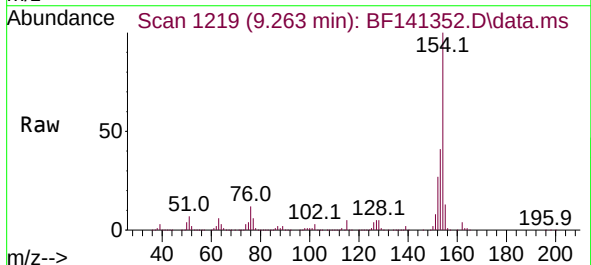
Tgt Ion:154 Resp: 1070294

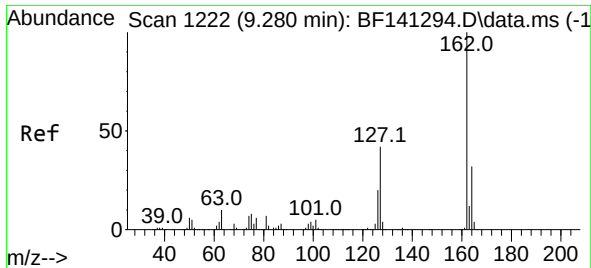
Ion Ratio Lower Upper

154 100

153 40.9 20.0 60.0

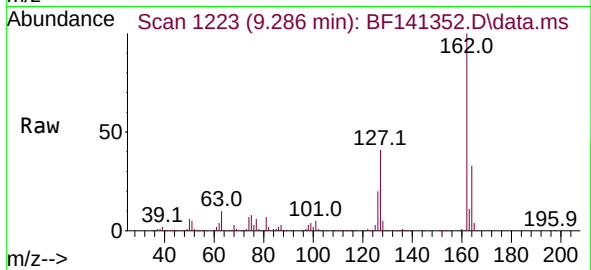
76 12.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 40.168 ng
RT: 9.286 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

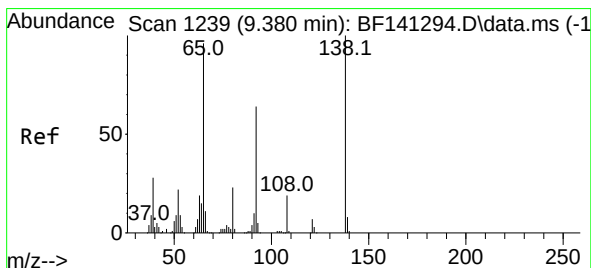
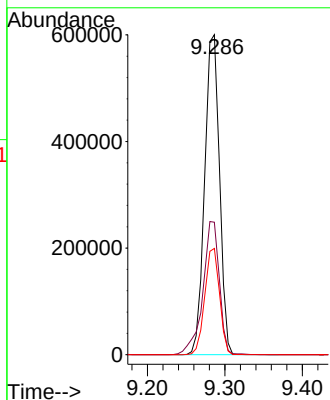
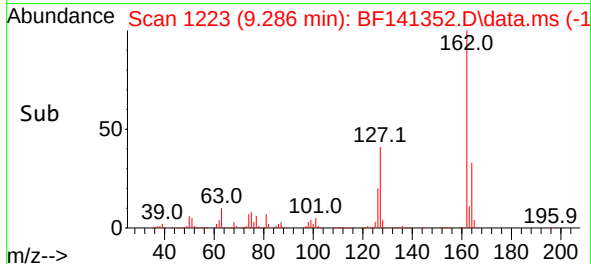
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion:162 Resp: 799380
Ion Ratio Lower Upper
162 100
127 41.4 33.7 50.5
164 33.2 25.9 38.9

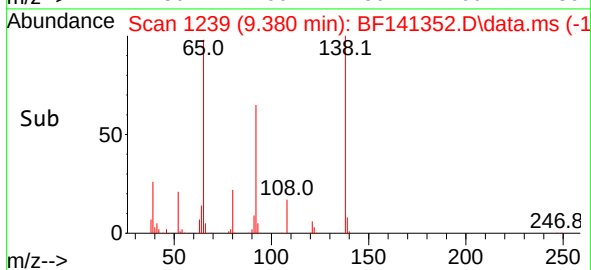
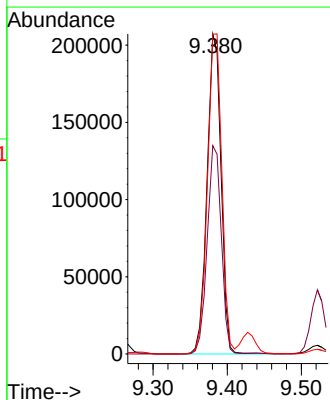
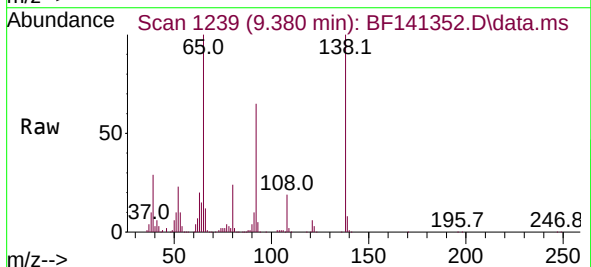
Manual Integrations
APPROVED

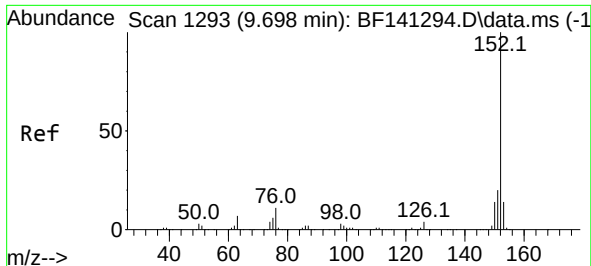
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 43.530 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

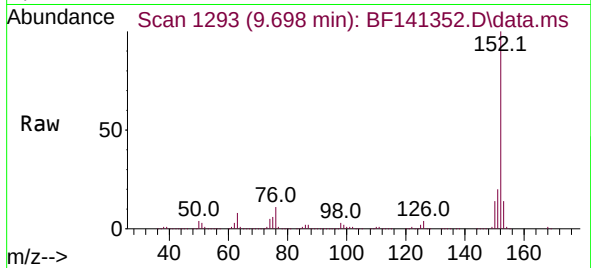
Tgt Ion: 65 Resp: 272485
Ion Ratio Lower Upper
65 100
92 65.1 53.3 79.9
138 100.0 83.6 125.4





#49
Acenaphthylene
Concen: 43.870 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

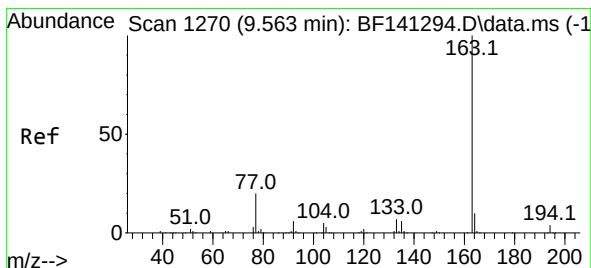
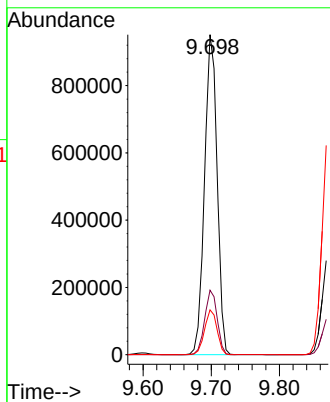
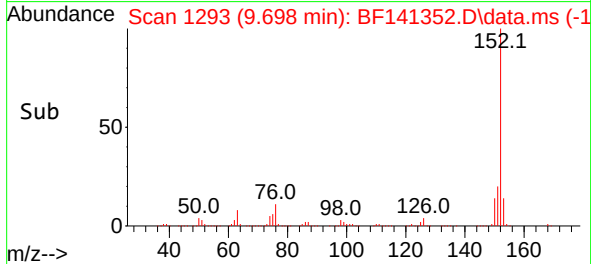
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



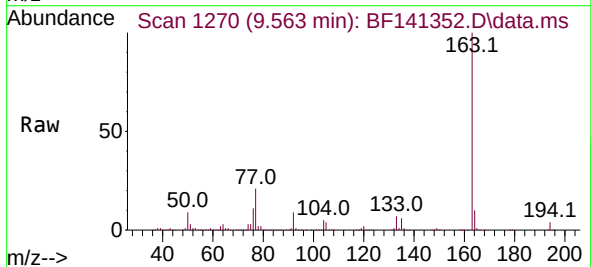
Tgt Ion:152 Resp: 1222120
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.0 11.0 16.6

Manual Integrations
APPROVED

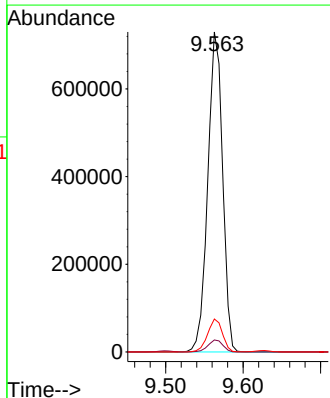
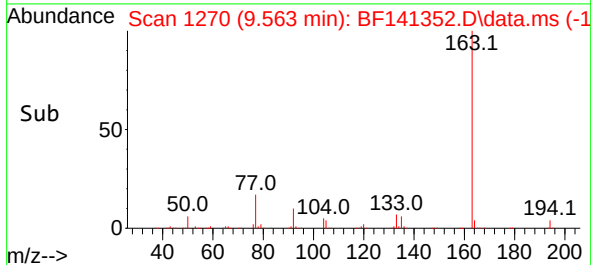
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

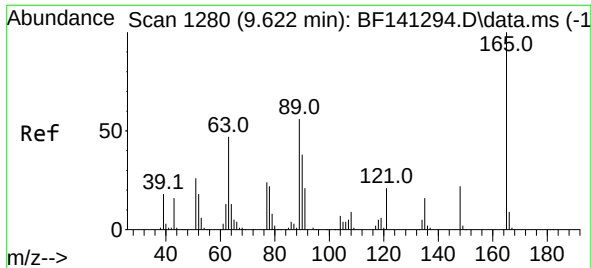


#50
Dimethylphthalate
Concen: 43.857 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:163 Resp: 969748
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0





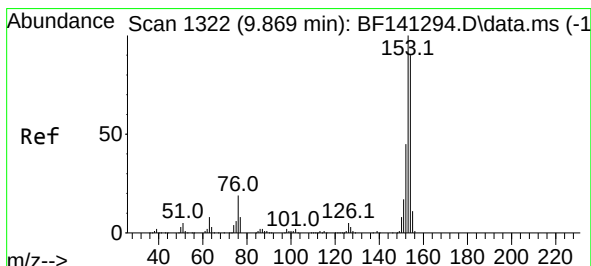
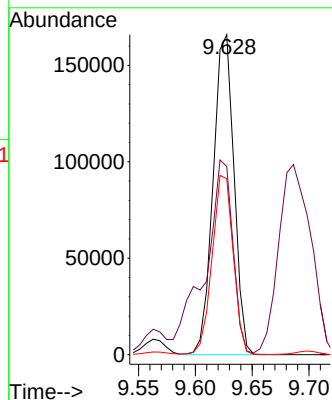
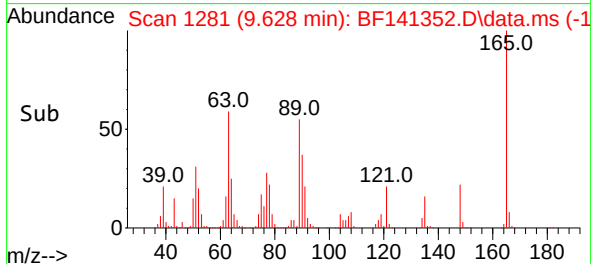
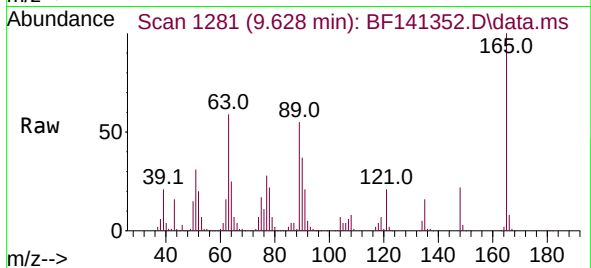
#51
2,6-Dinitrotoluene
Concen: 41.273 ng
RT: 9.628 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:165 Resp: 211898
Ion Ratio Lower Upper
165 100
63 58.8 48.1 72.1
89 55.0 44.9 67.3

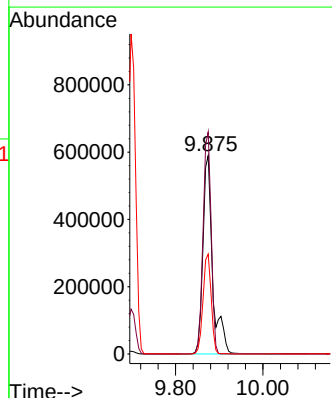
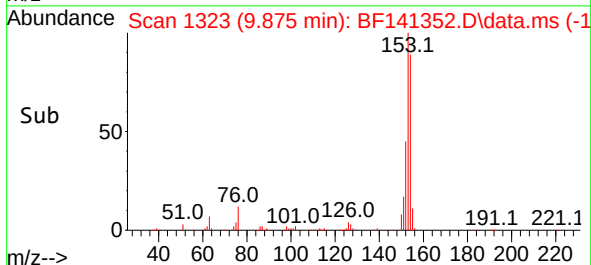
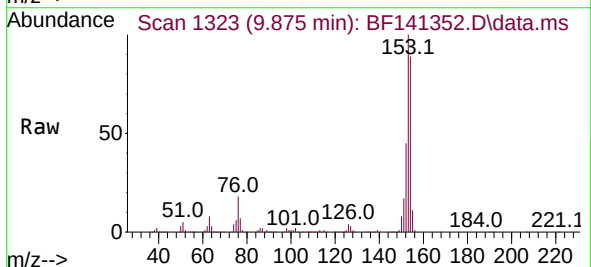
Manual Integrations
APPROVED

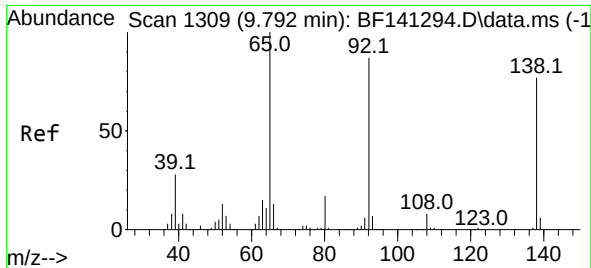
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 46.100 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

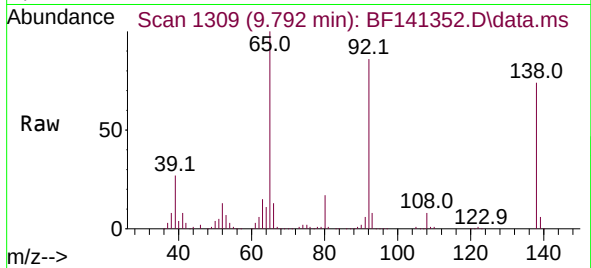
Tgt Ion:154 Resp: 917466
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 50.4 40.2 60.4





#53
3-Nitroaniline
Concen: 27.509 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

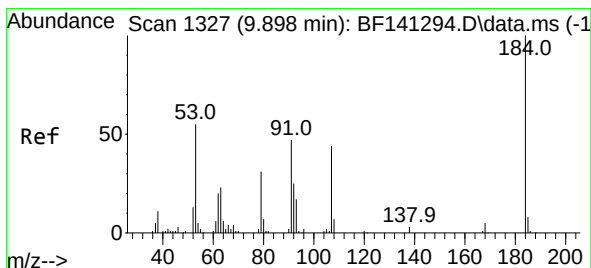
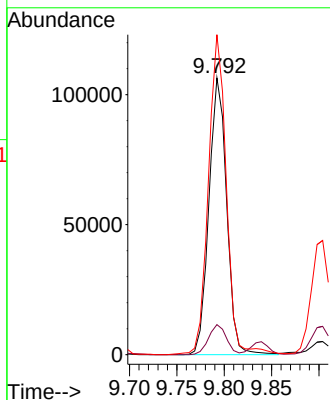
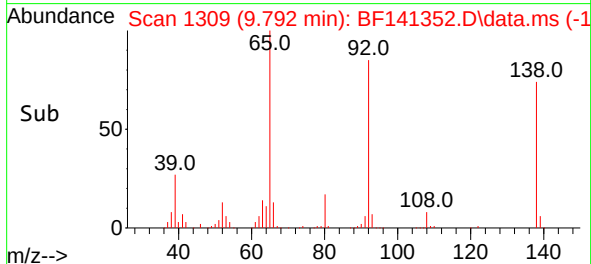
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



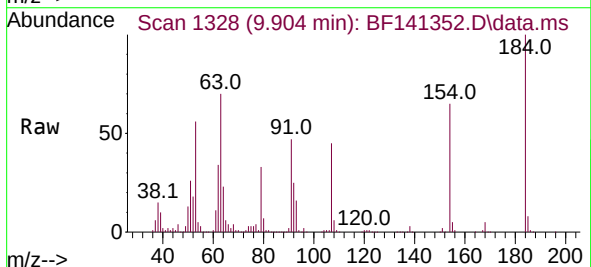
Tgt Ion:138 Resp: 138420
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.6 91.0 136.6

Manual Integrations
APPROVED

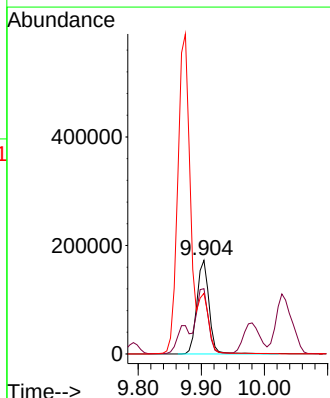
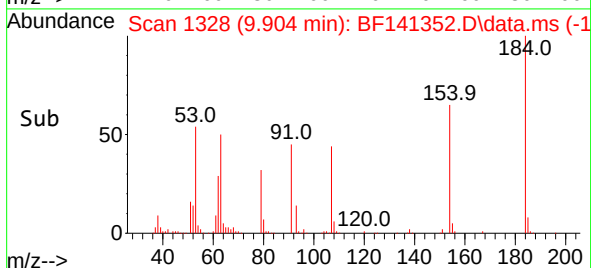
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

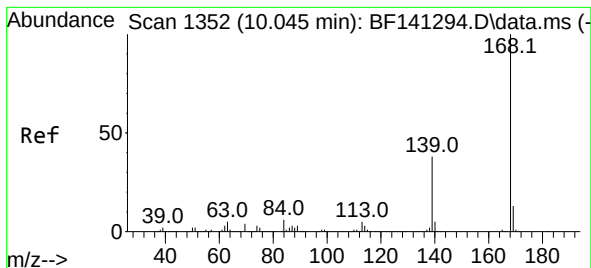


#54
2,4-Dinitrophenol
Concen: 97.163 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



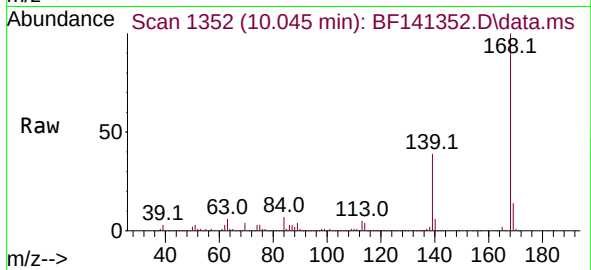
Tgt Ion:184 Resp: 231891
Ion Ratio Lower Upper
184 100
63 69.7 54.1 81.1
154 64.8 50.7 76.1





#55
Dibenzenofuran
Concen: 41.404 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

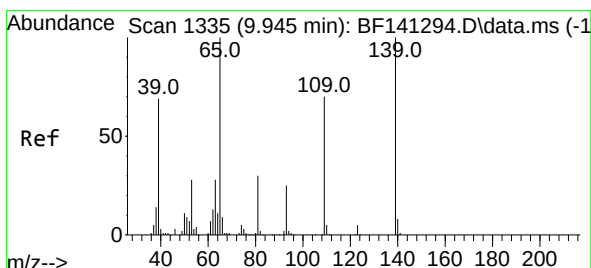
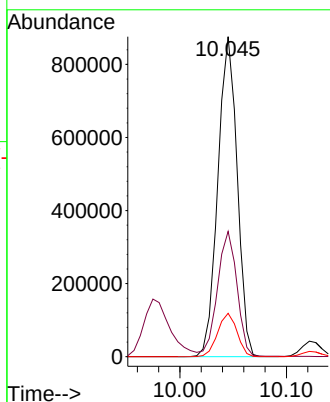
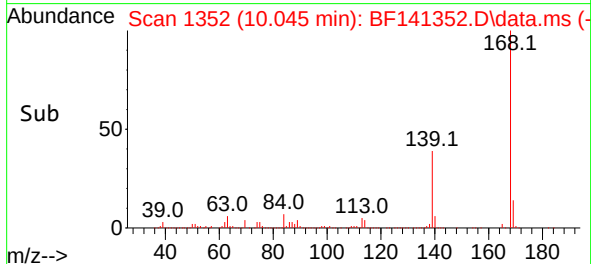
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



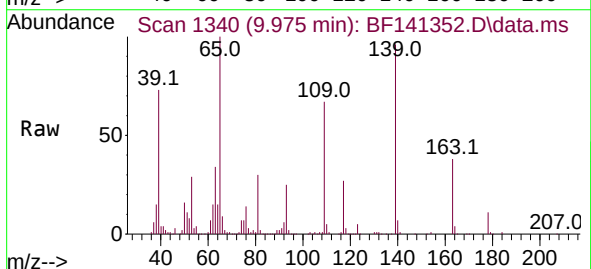
Tgt Ion:168 Resp: 110298
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.6 10.8 16.2

Manual Integrations
APPROVED

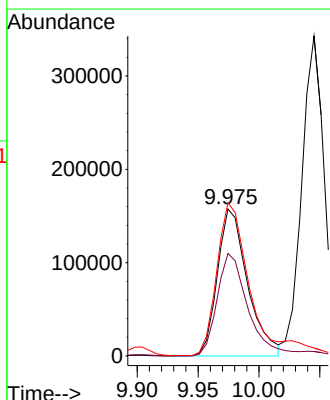
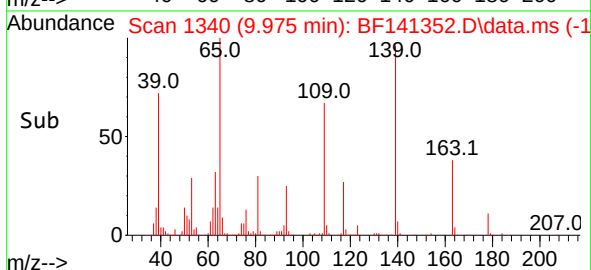
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

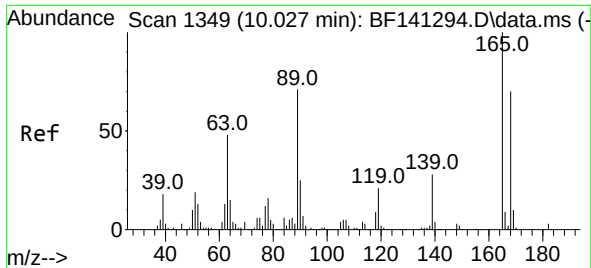


#56
4-Nitrophenol
Concen: 73.603 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:139 Resp: 270862
Ion Ratio Lower Upper
139 100
109 69.7 50.2 90.2
65 104.2 80.6 120.6





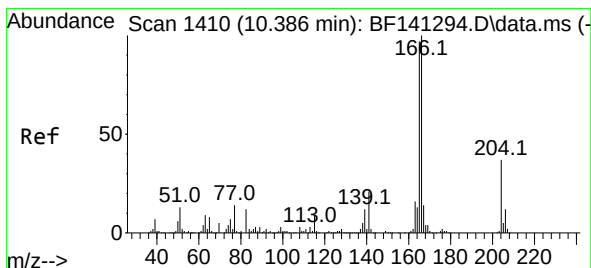
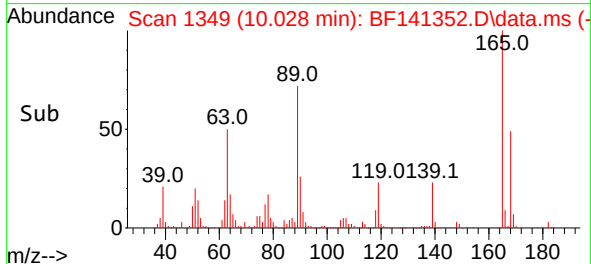
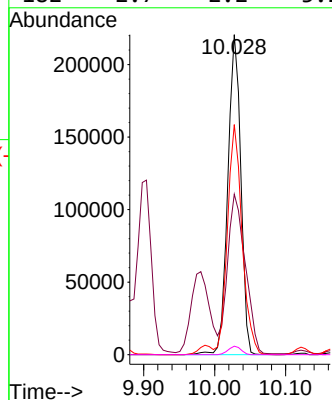
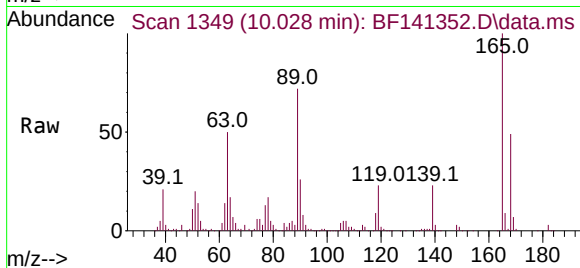
#57
2,4-Dinitrotoluene
Concen: 42.091 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:165 Resp: 279789
Ion Ratio Lower Upper
165 100
63 50.2 39.2 58.8
89 71.9 56.9 85.3
182 2.7 2.2 3.2

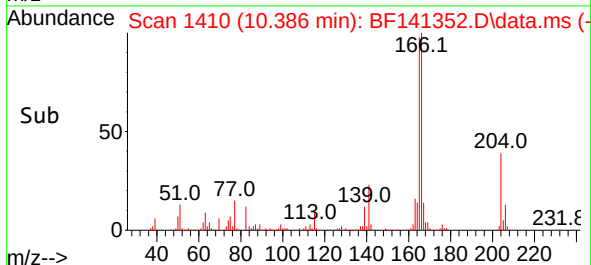
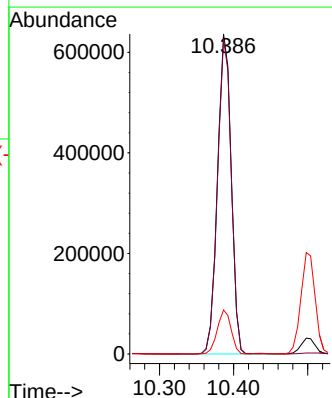
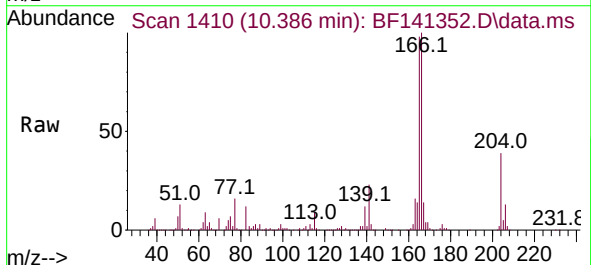
Manual Integrations
APPROVED

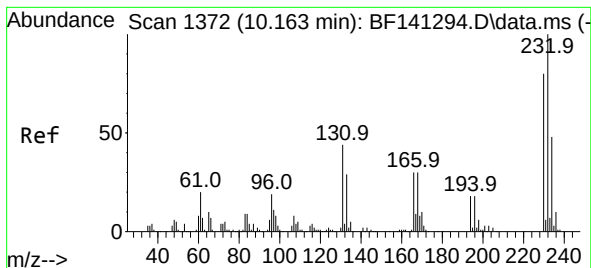
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 39.575 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

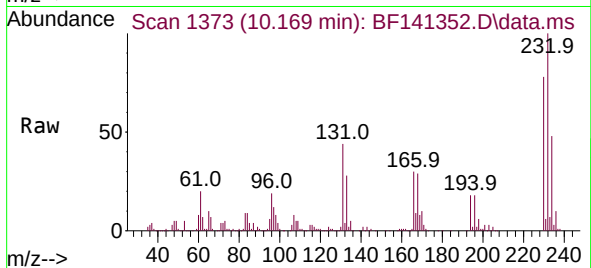
Tgt Ion:166 Resp: 817762
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.188 ng
RT: 10.169 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

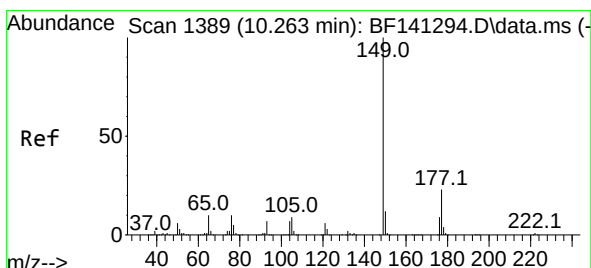
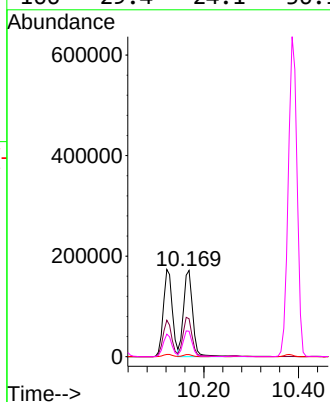
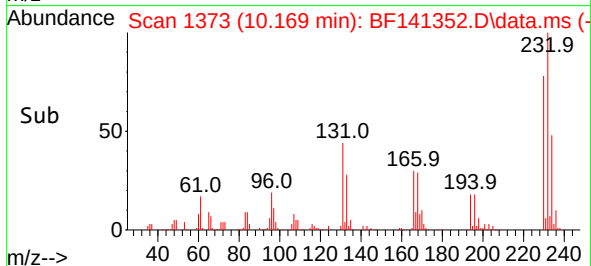
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion:232 Resp: 230651
Ion Ratio Lower Upper
232 100
131 45.6 36.4 54.6
130 2.4 1.9 2.9
166 29.4 24.1 36.1

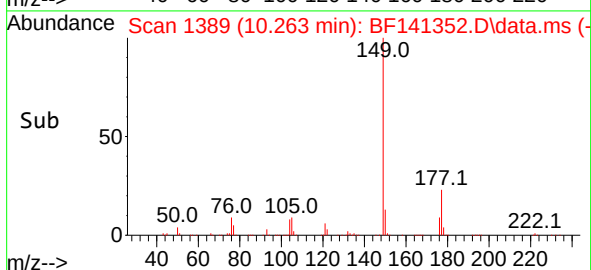
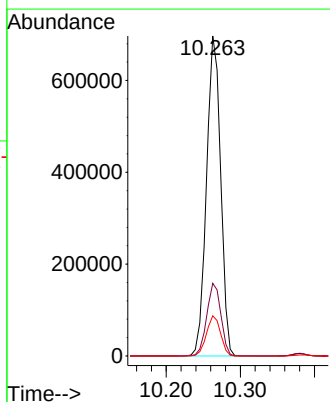
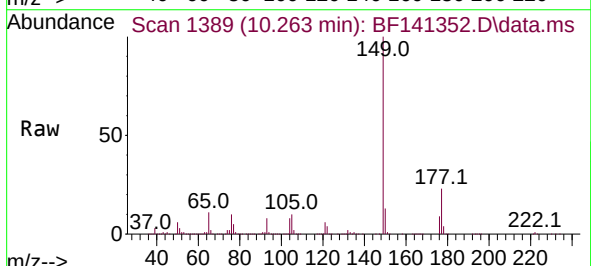
Manual Integrations
APPROVED

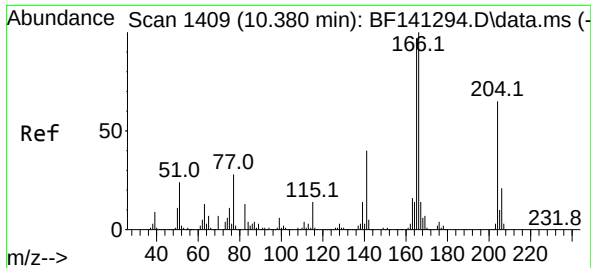
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 43.075 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

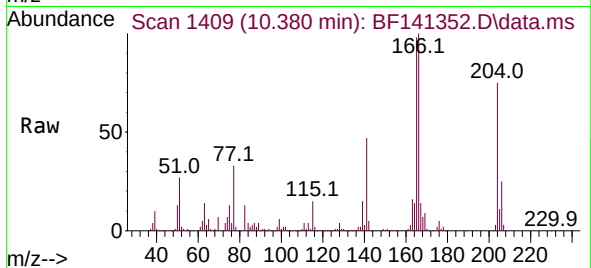
Tgt Ion:149 Resp: 923514
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.273 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

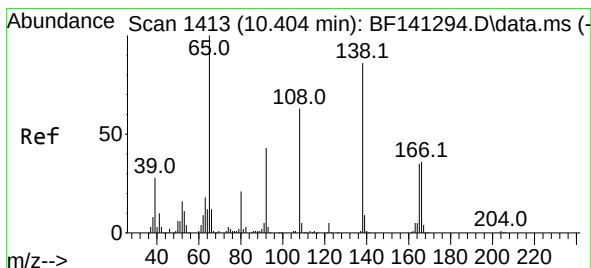
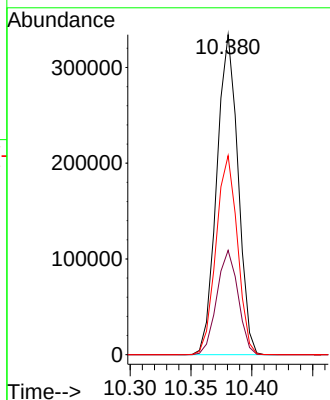
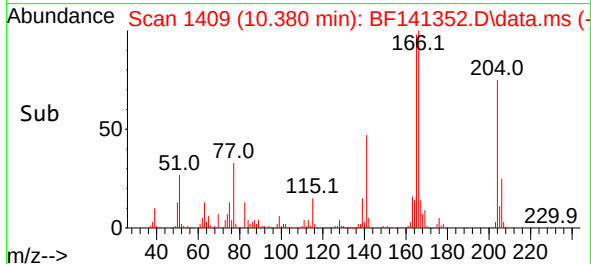
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



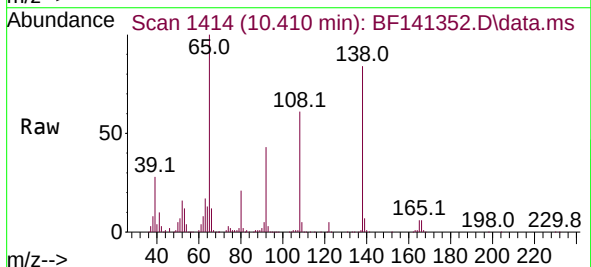
Tgt Ion:204 Resp: 406500
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.2 49.5 74.3

Manual Integrations
APPROVED

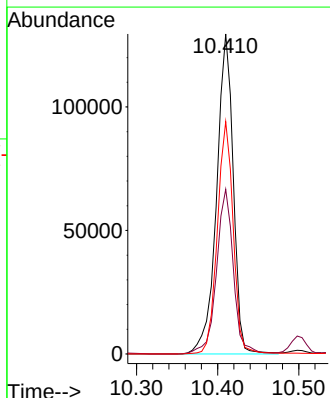
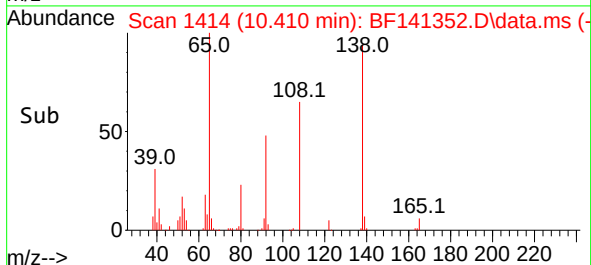
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

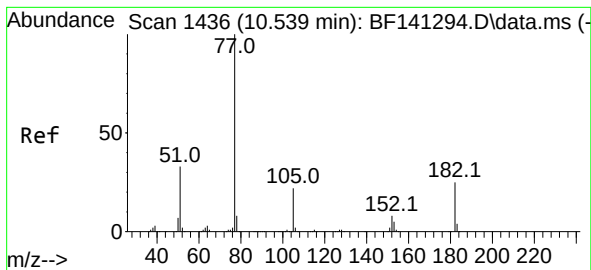


#62
4-Nitroaniline
Concen: 37.489 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



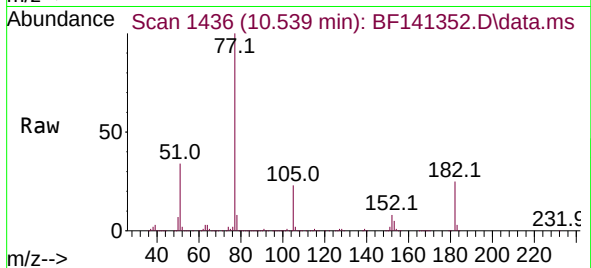
Tgt Ion:138 Resp: 185463
Ion Ratio Lower Upper
138 100
92 51.5 30.1 70.1
108 72.6 53.1 93.1





#63
Azobenzene
Concen: 44.113 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

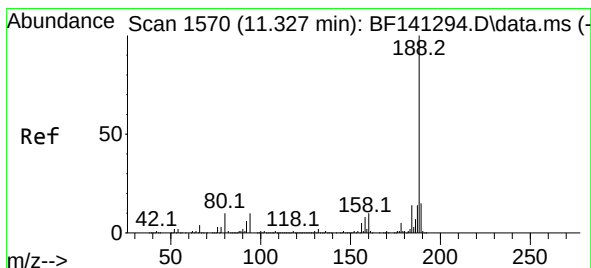
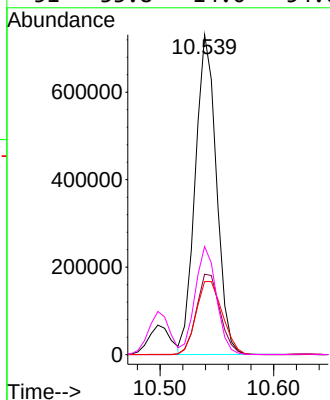
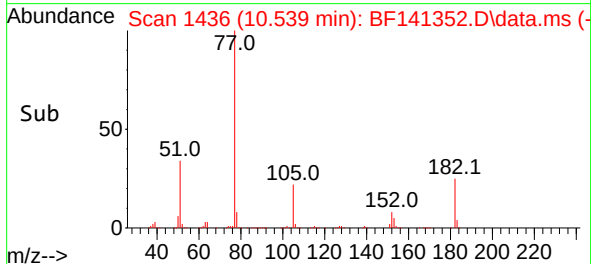
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion: 77 Resp: 946700
Ion Ratio Lower Upper
77 100
182 25.2 5.1 45.1
105 22.8 1.8 41.8
51 33.8 14.0 54.0

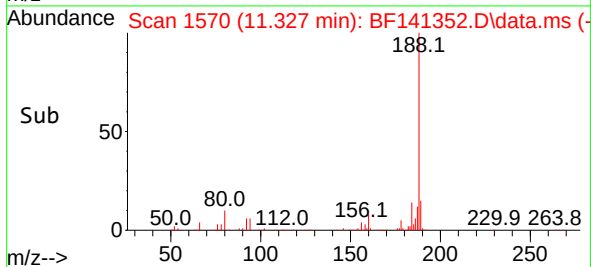
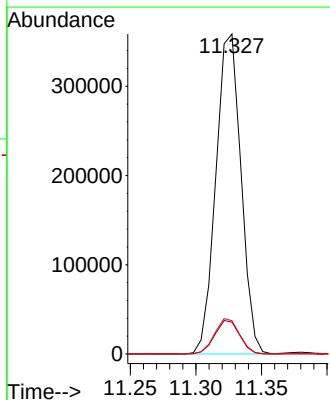
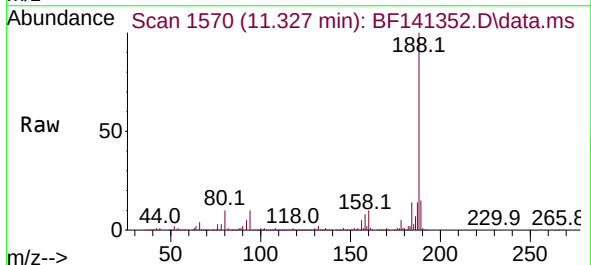
Manual Integrations
APPROVED

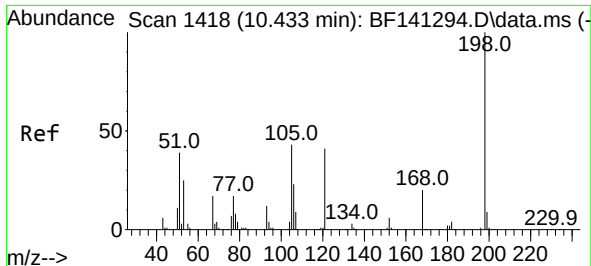
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:188 Resp: 478396
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.4 8.2 12.4





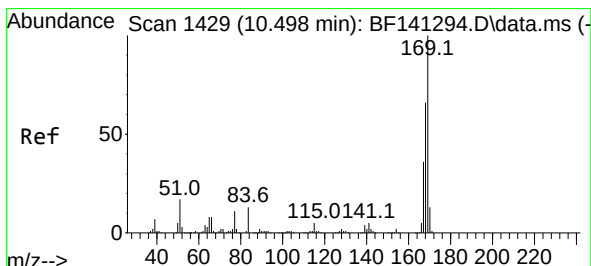
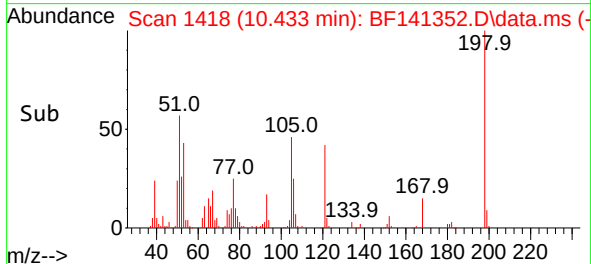
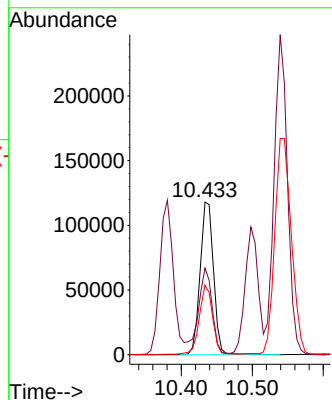
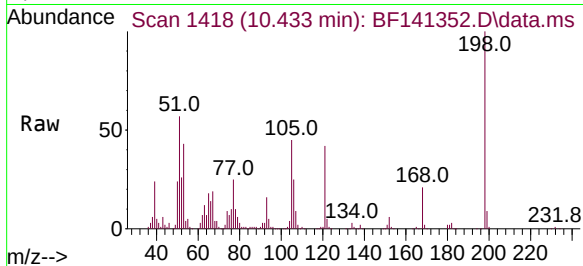
#65
4,6-Dinitro-2-methylphenol
Concen: 54.706 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:198 Resp: 15480
Ion Ratio Lower Upper
198 100
51 56.8 33.4 73.4
105 45.5 24.4 64.4

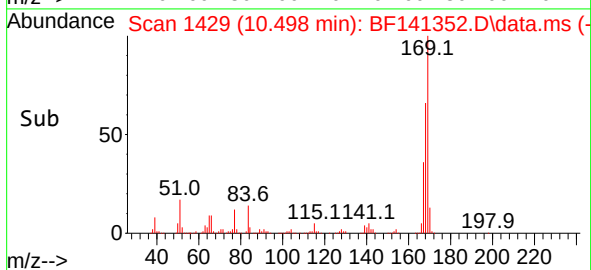
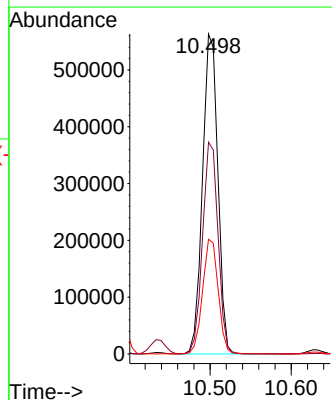
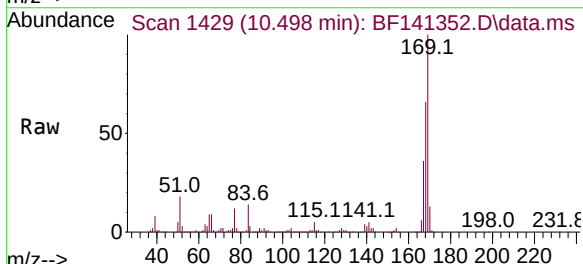
Manual Integrations
APPROVED

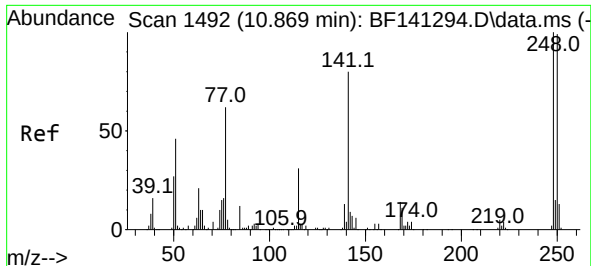
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 47.710 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

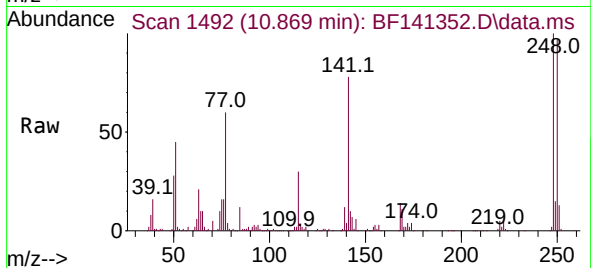
Tgt Ion:169 Resp: 738221
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 35.8 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 47.237 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

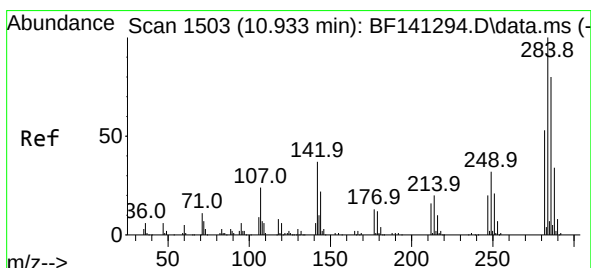
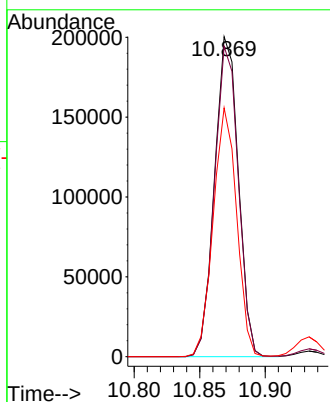
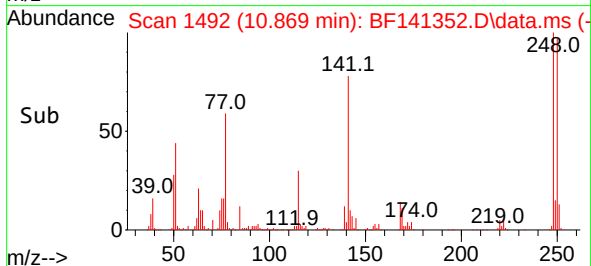
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



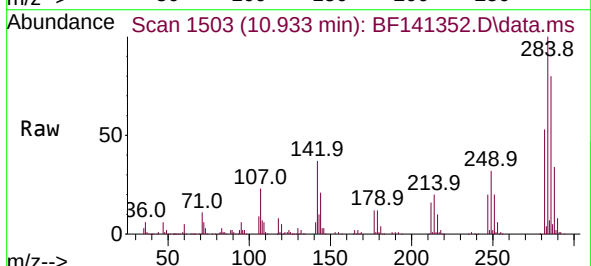
Tgt Ion:248 Resp: 252992
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 77.7 63.7 95.5

Manual Integrations
APPROVED

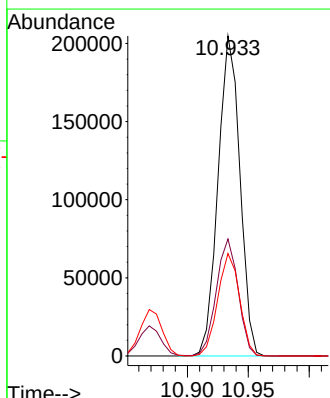
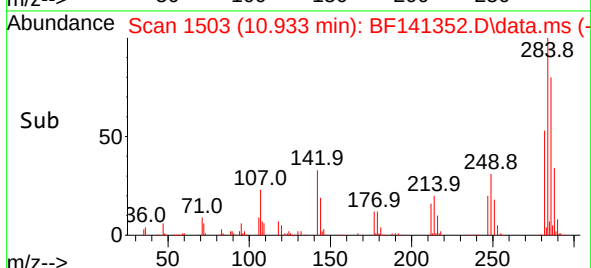
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

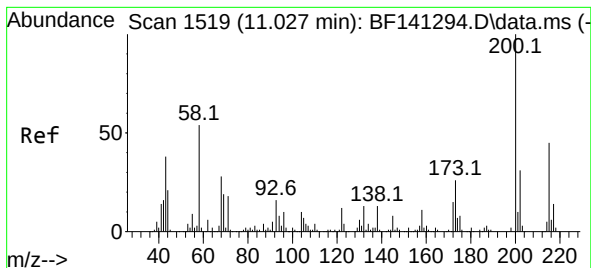


#68
Hexachlorobenzene
Concen: 45.031 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:284 Resp: 255828
Ion Ratio Lower Upper
284 100
142 36.5 29.5 44.3
249 32.0 25.4 38.2





#69

Atrazine

Concen: 46.011 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

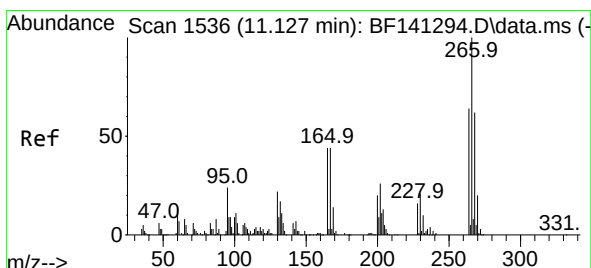
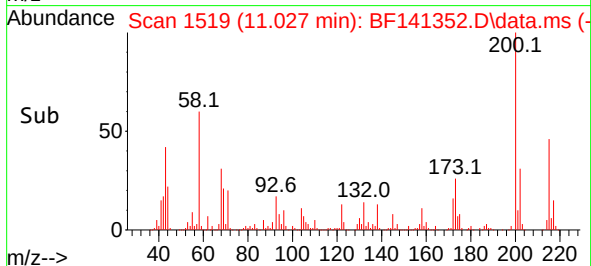
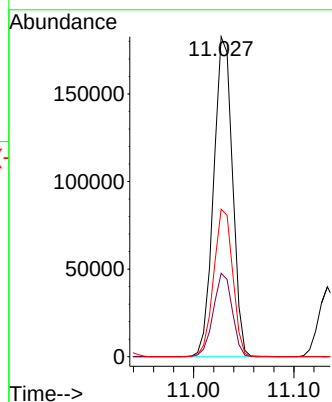
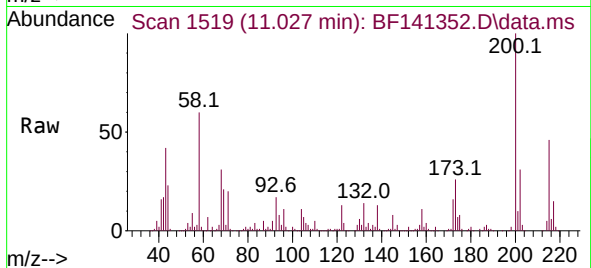
Tgt Ion:200 Resp: 238034

Ion	Ratio	Lower	Upper
200	100		
173	26.1	5.9	45.9
215	46.1	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 82.968 ng

RT: 11.133 min Scan# 1537

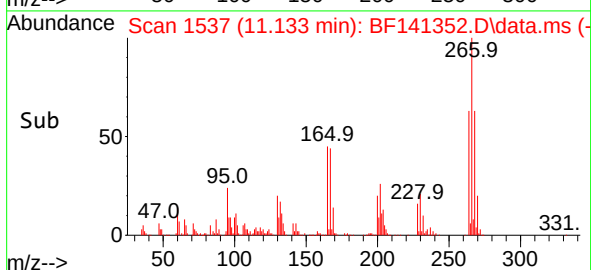
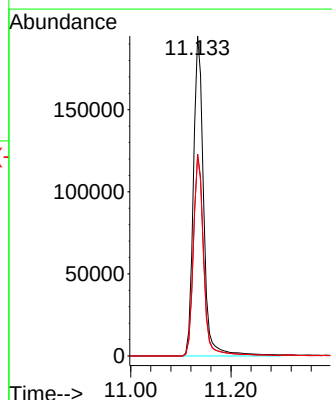
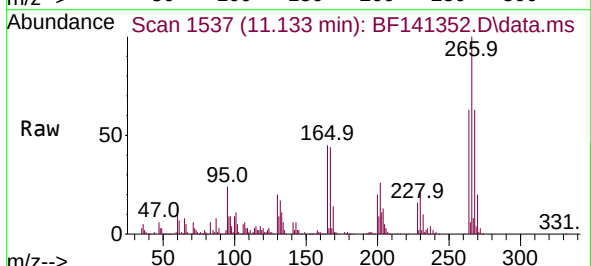
Delta R.T. -0.000 min

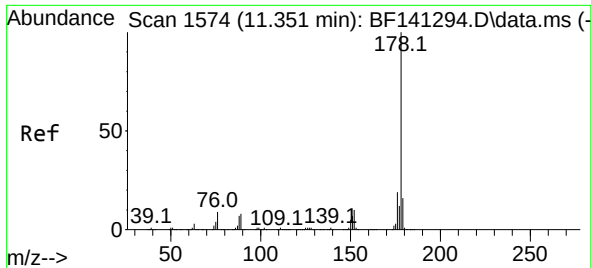
Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion:266 Resp: 276016

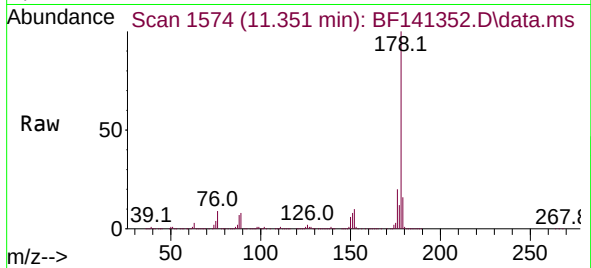
Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.9	74.9
264	62.8	51.0	76.4





#71
Phenanthrene
Concen: 43.554 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

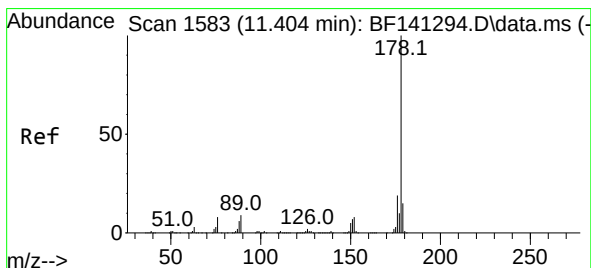
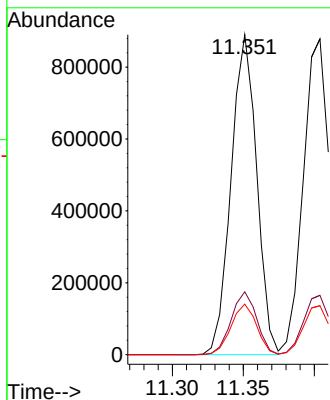
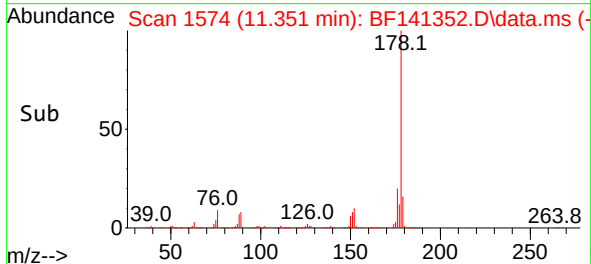
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



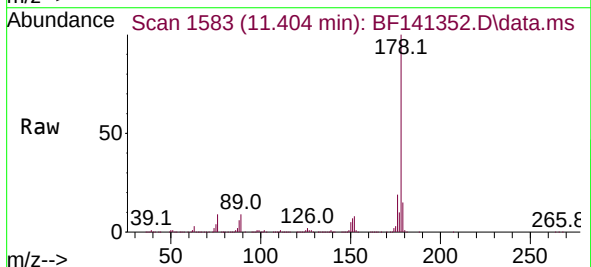
Tgt Ion:178 Resp: 1120034
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.8 12.5 18.7

Manual Integrations
APPROVED

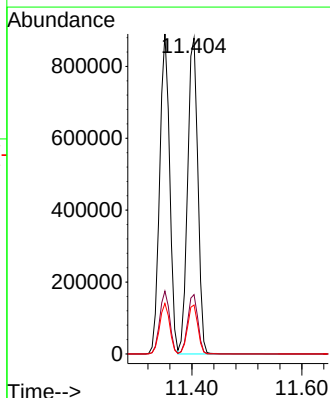
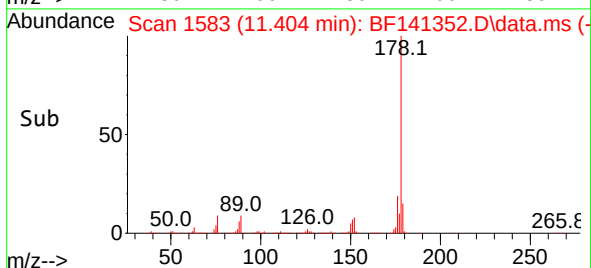
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

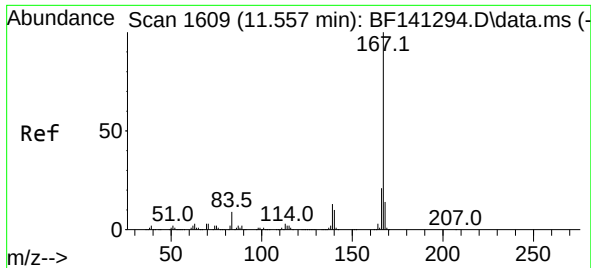


#72
Anthracene
Concen: 45.015 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



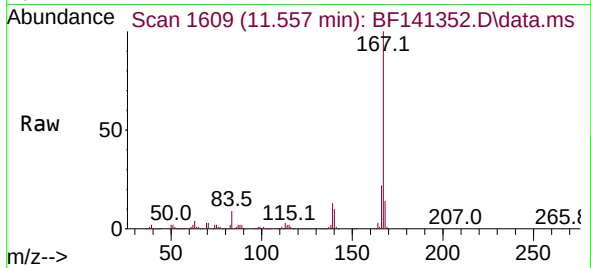
Tgt Ion:178 Resp: 1134234
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 40.751 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141352.D
 Acq: 01 Feb 2025 00:30

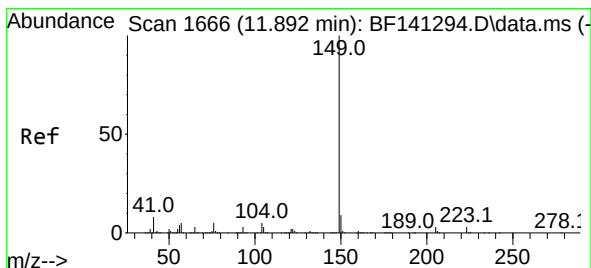
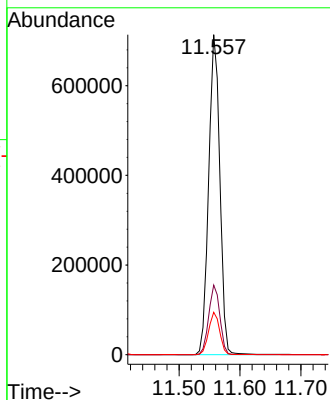
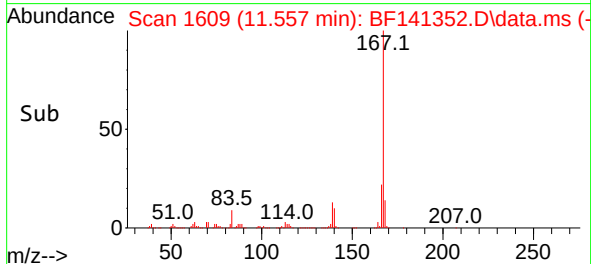
Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS



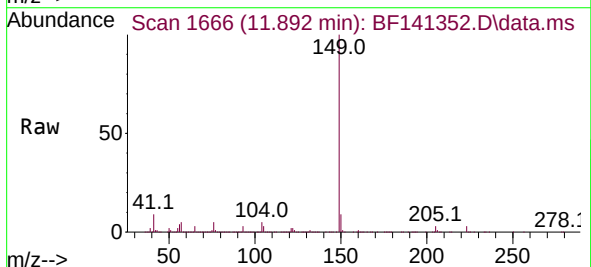
Tgt Ion:167 Resp: 910483
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.6 16.0

Manual Integrations
 APPROVED

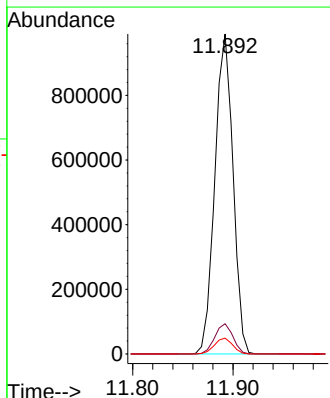
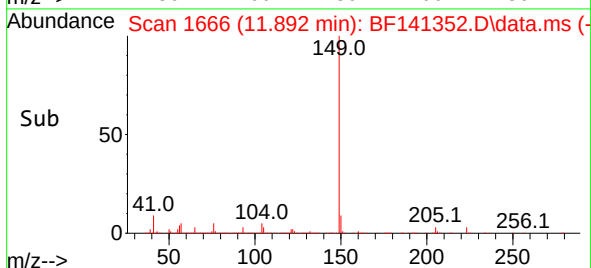
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

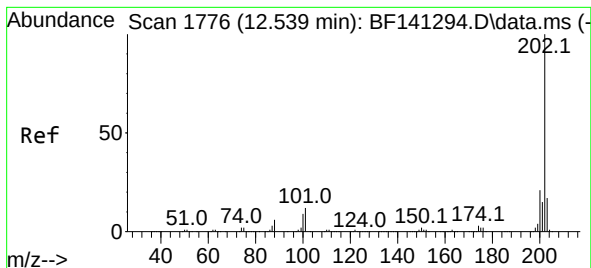


#74
 Di-n-butylphthalate
 Concen: 45.813 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141352.D
 Acq: 01 Feb 2025 00:30



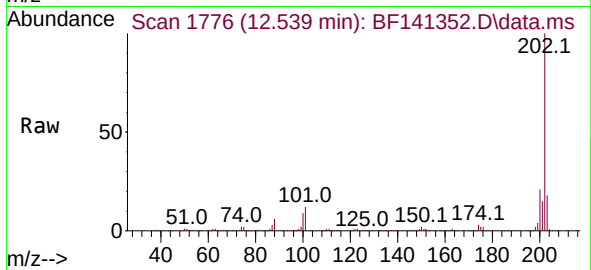
Tgt Ion:149 Resp: 1240476
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 39.170 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

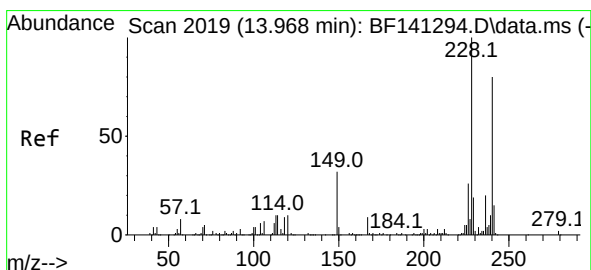
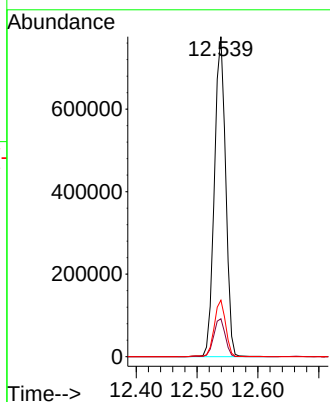
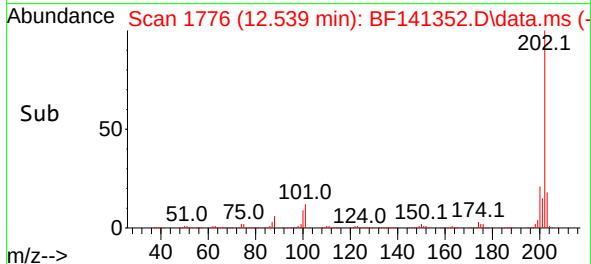
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



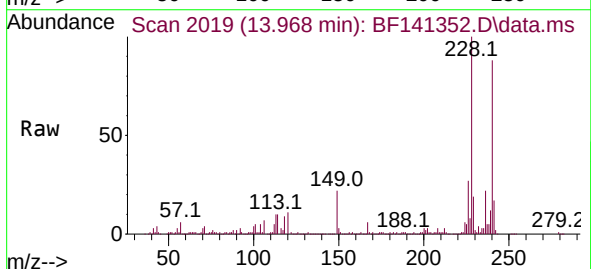
Tgt Ion:202 Resp: 994579
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 17.7 0.0 37.5

Manual Integrations
APPROVED

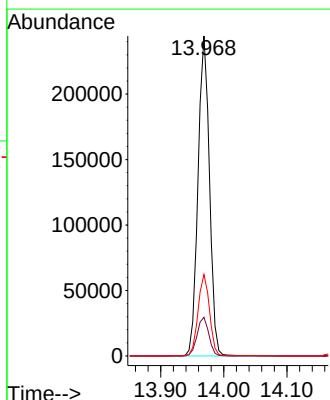
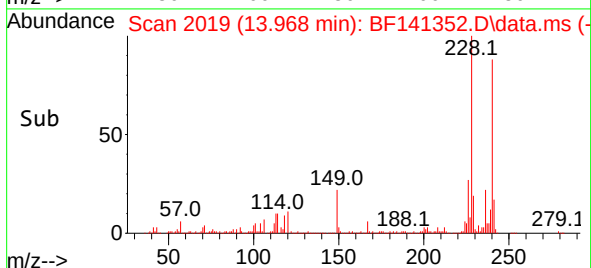
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

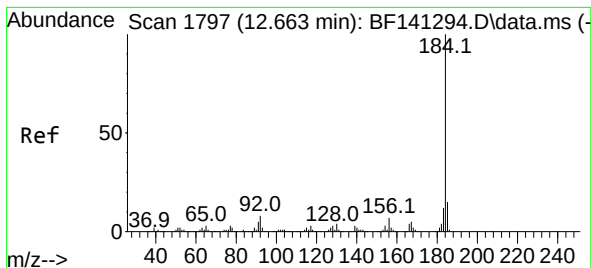


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:240 Resp: 306959
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.4 19.7 29.5





#77

Benzidine

Concen: 20.474 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

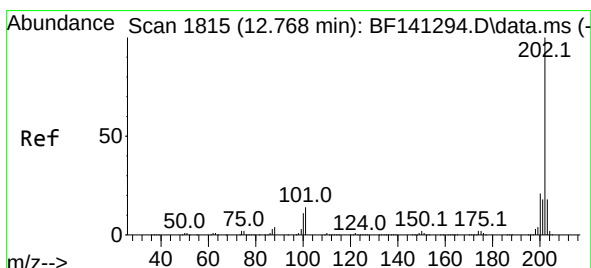
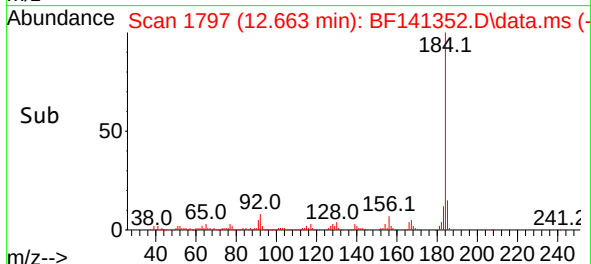
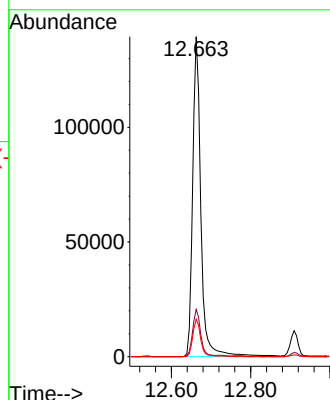
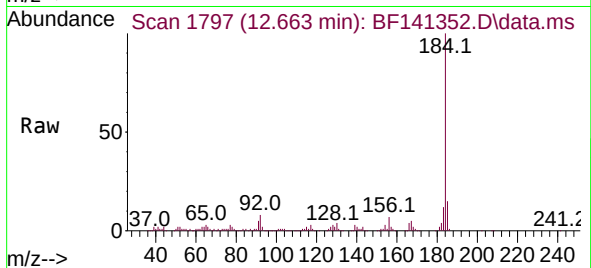
Tgt Ion:184 Resp: 201472

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	11.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#78

Pyrene

Concen: 34.311 ng

RT: 12.769 min Scan# 1815

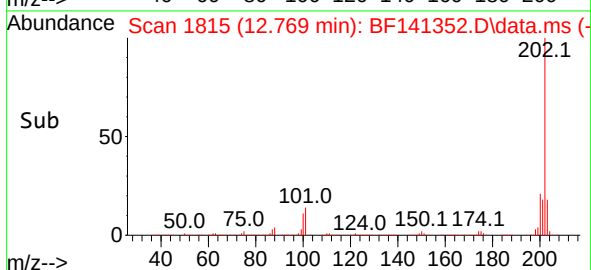
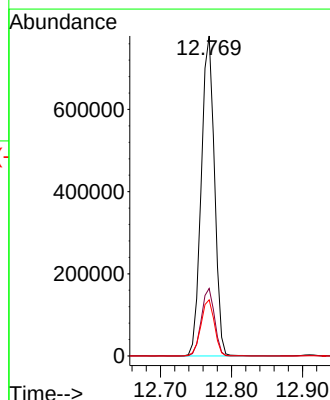
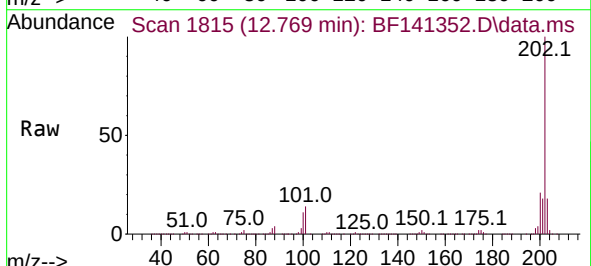
Delta R.T. -0.000 min

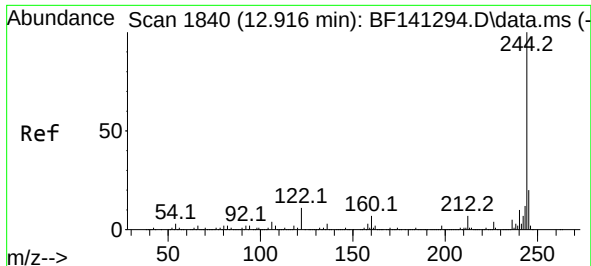
Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion:202 Resp: 1010968

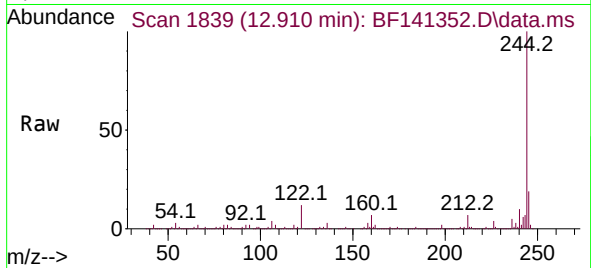
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	14.3	21.5





#79
Terphenyl-d14
Concen: 52.545 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

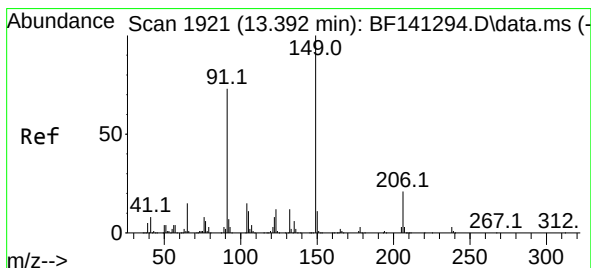
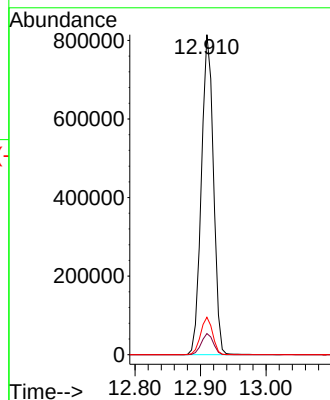
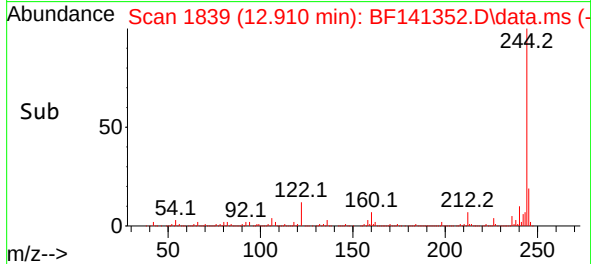
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion:244 Resp: 104587
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.7 8.8 13.2

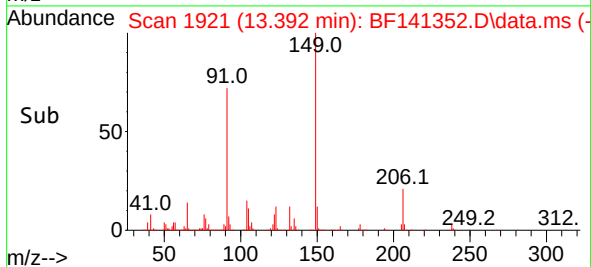
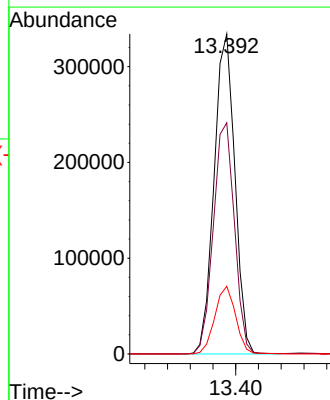
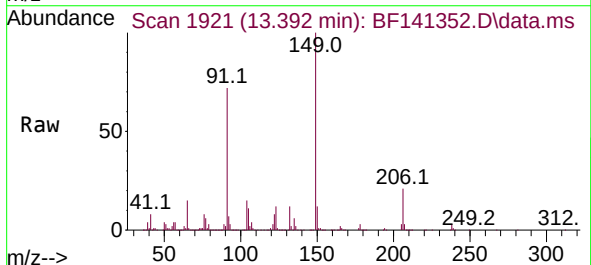
Manual Integrations
APPROVED

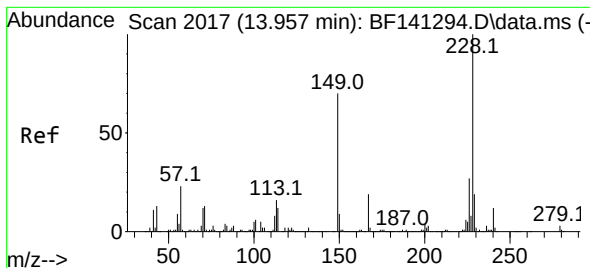
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#80
Butylbenzylphthalate
Concen: 41.258 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

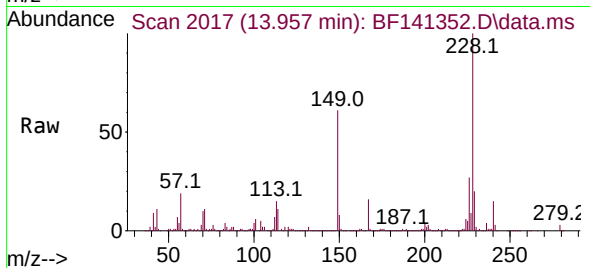
Tgt Ion:149 Resp: 424703
Ion Ratio Lower Upper
149 100
91 72.3 58.6 87.8
206 21.2 16.7 25.1





#81
Benzo(a)anthracene
Concen: 40.571 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

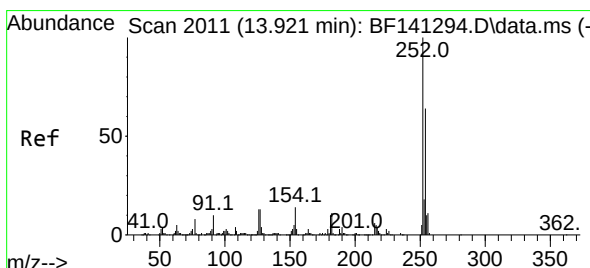
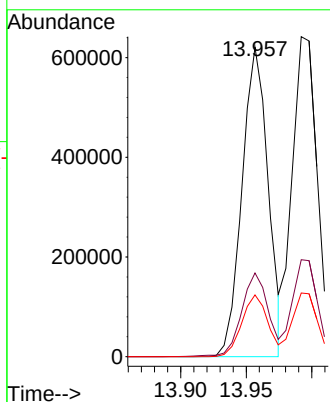
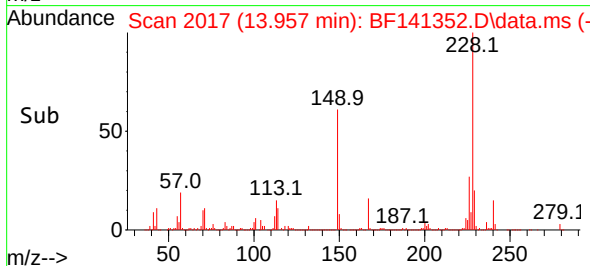
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



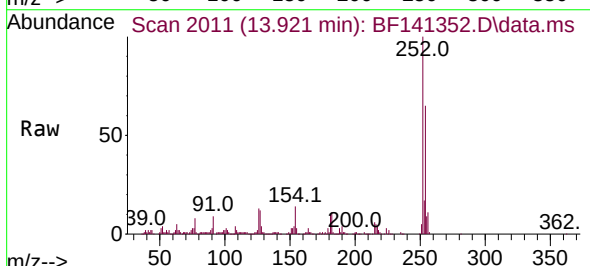
Tgt Ion:228 Resp: 859360
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.9 15.5 23.3

Manual Integrations
APPROVED

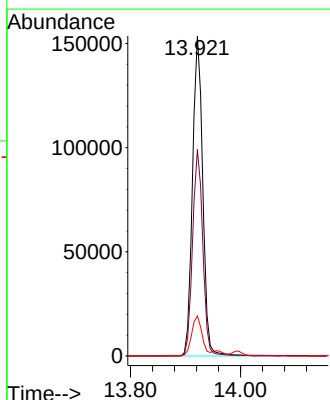
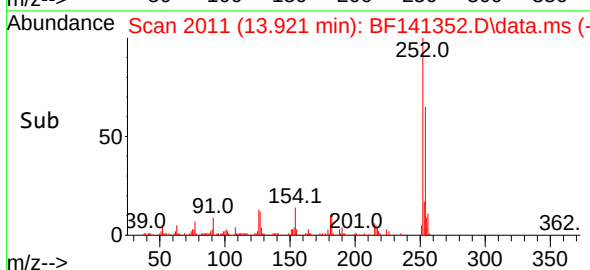
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

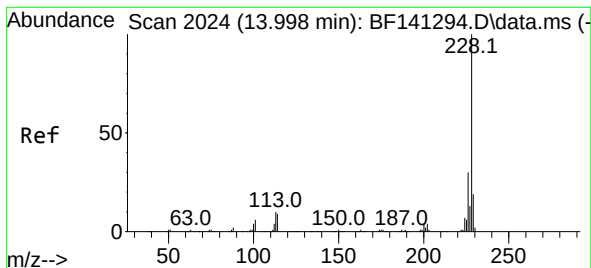


#82
3,3'-Dichlorobenzidine
Concen: 29.508 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:252 Resp: 198790
Ion Ratio Lower Upper
252 100
254 64.5 51.3 76.9
126 12.5 10.0 15.0





#83

Chrysene

Concen: 44.017 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

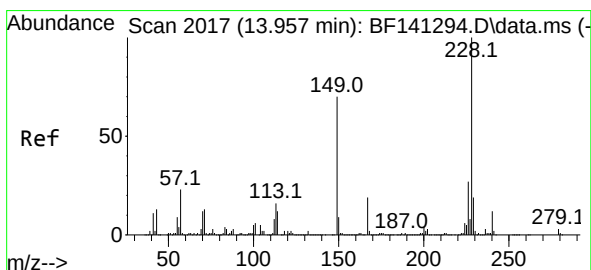
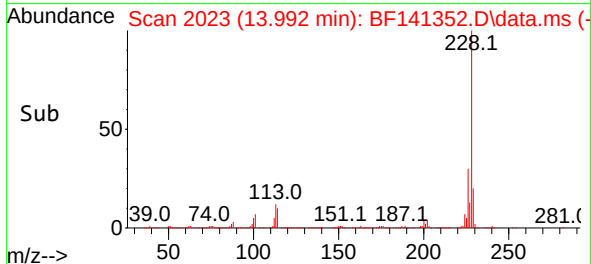
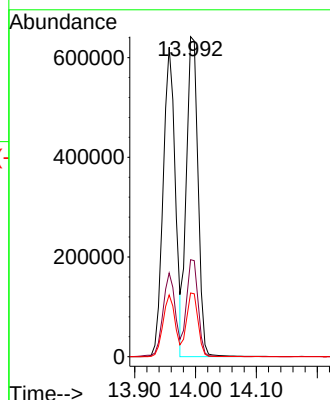
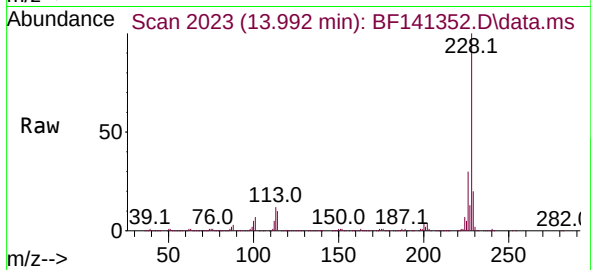
Tgt Ion:228 Resp: 854492

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.722 ng

RT: 13.951 min Scan# 2016

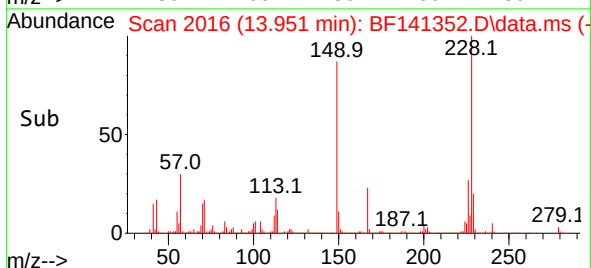
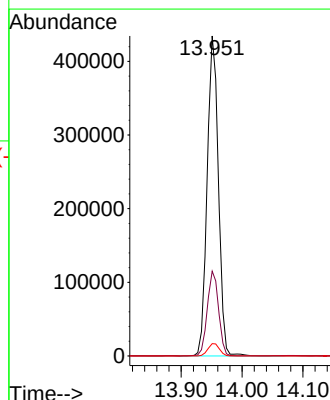
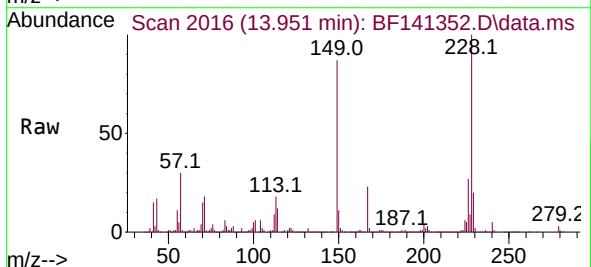
Delta R.T. -0.006 min

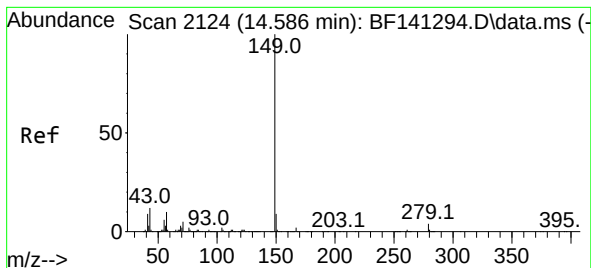
Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion:149 Resp: 557866

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.177 ng

RT: 14.568 min Scan# 2124

Delta R.T. -0.018 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

Tgt Ion:149 Resp: 101767

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

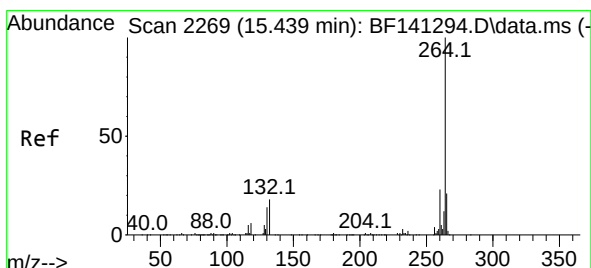
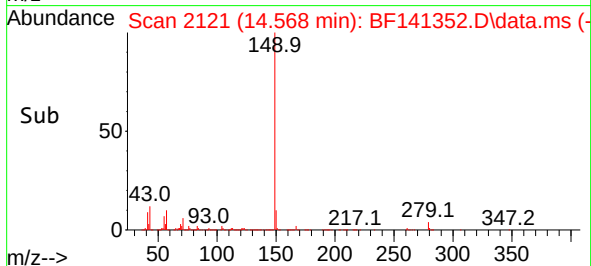
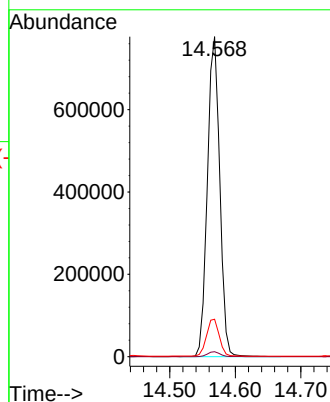
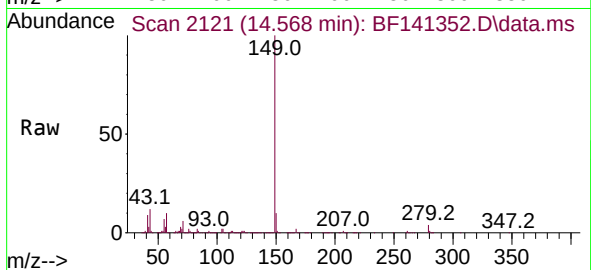
43 12.2 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

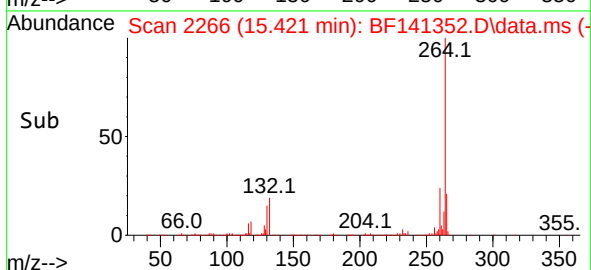
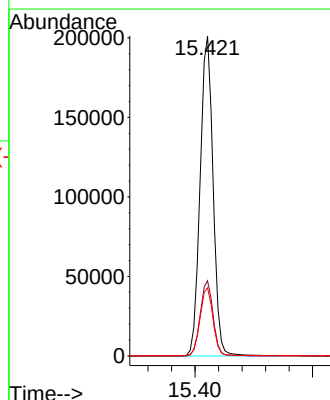
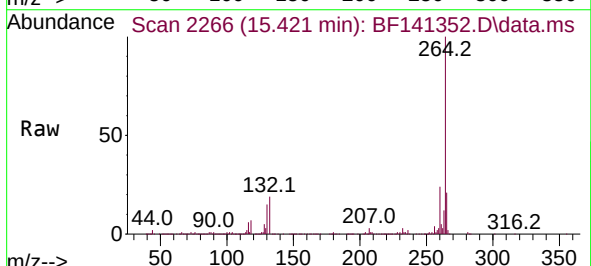
Tgt Ion:264 Resp: 307907

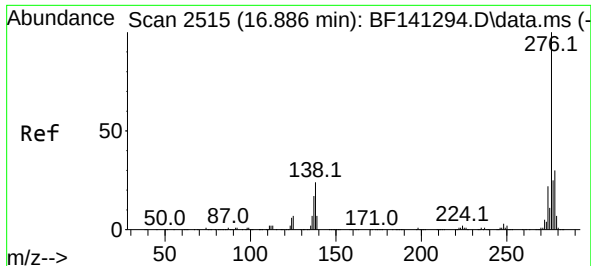
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

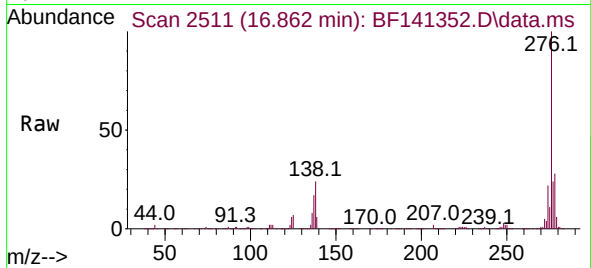
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.650 ng
RT: 16.862 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

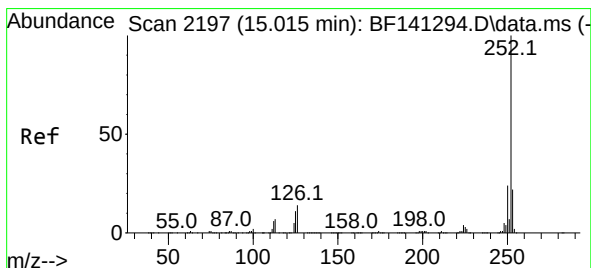
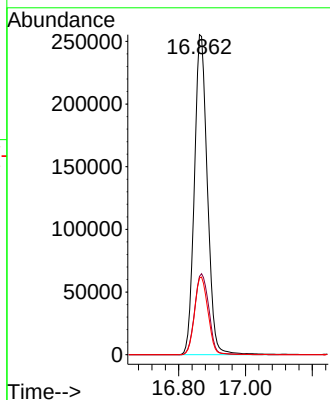
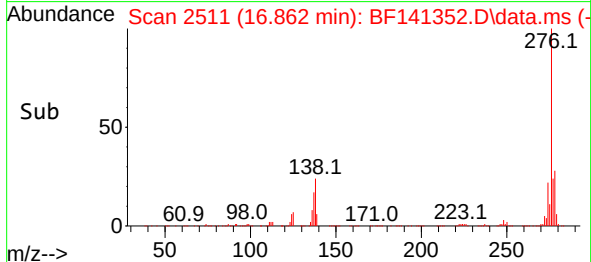
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



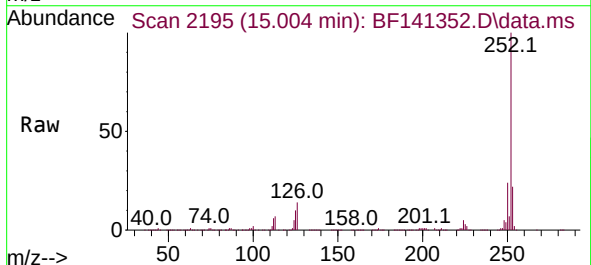
Tgt Ion:276 Resp: 68861
Ion Ratio Lower Upper
276 100
138 27.5 21.7 32.5
277 25.2 20.3 30.5

Manual Integrations
APPROVED

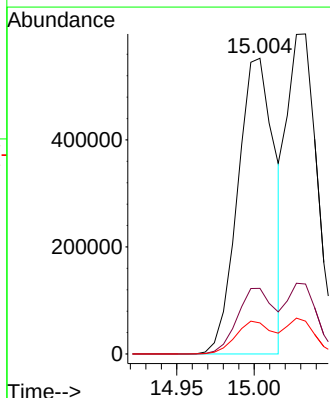
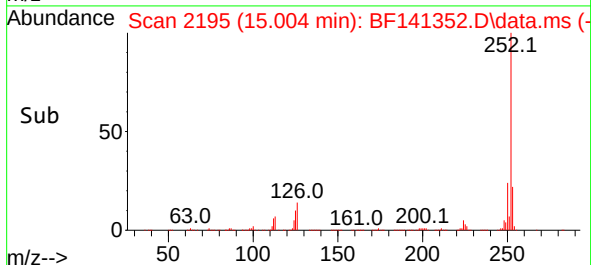
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

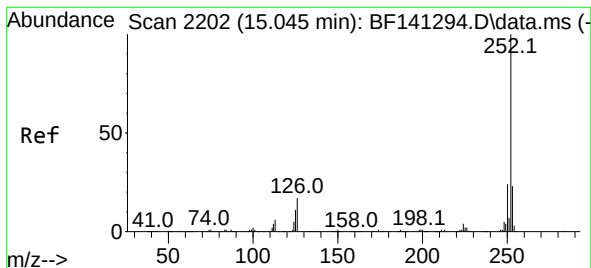


#88
Benzo(b)fluoranthene
Concen: 47.147 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30



Tgt Ion:252 Resp: 913150
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 47.270 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

Tgt Ion:252 Resp: 811049

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

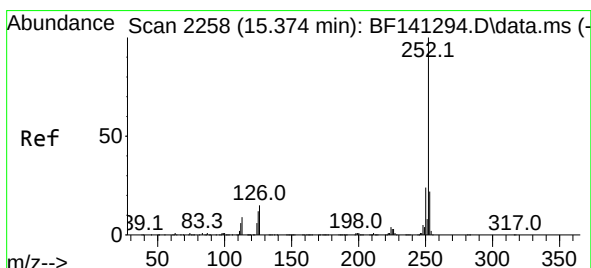
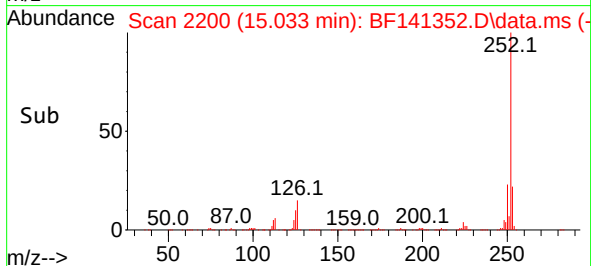
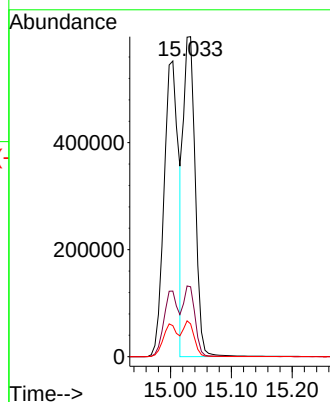
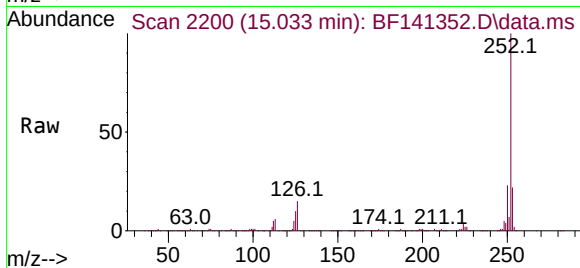
125 10.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 47.750 ng

RT: 15.362 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

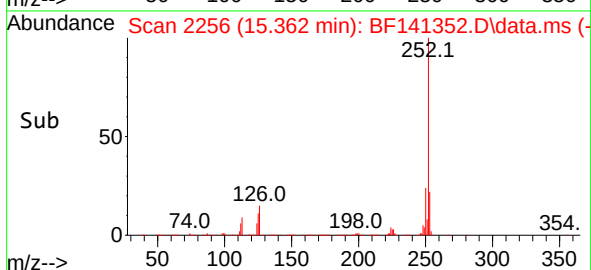
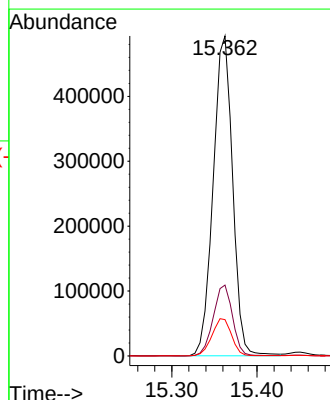
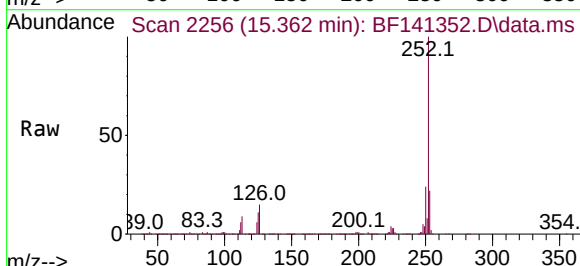
Tgt Ion:252 Resp: 781518

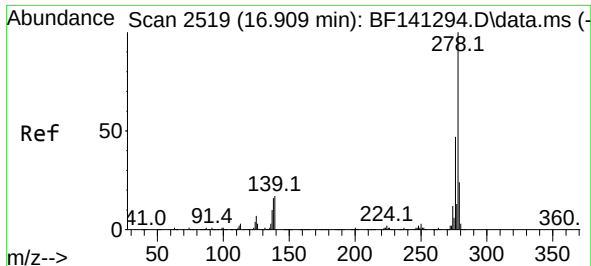
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

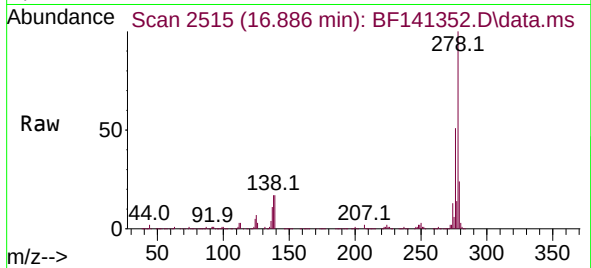
125 11.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 35.104 ng
RT: 16.886 min Scan# 2519
Delta R.T. -0.035 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

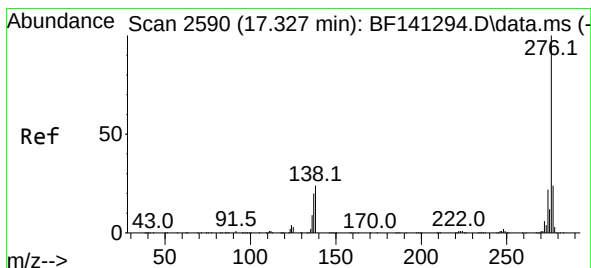
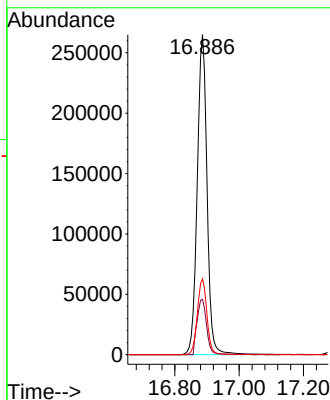
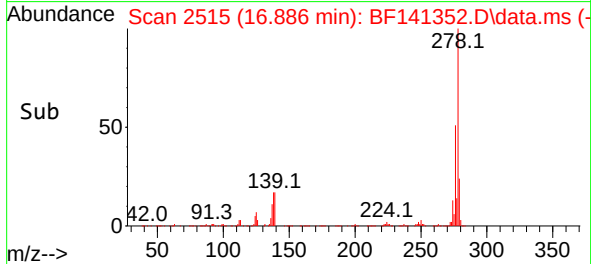
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS



Tgt Ion:278 Resp: 56127
Ion Ratio Lower Upper
278 100
139 17.3 13.9 20.9
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 29.910 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:276 Resp: 497253
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 24.3 19.0 28.4

