

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141326.D
 Acq On : 31 Jan 2025 12:28
 Operator : RC/JU
 Sample : PB166363BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 12:58:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	157375	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	639100	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341634	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	567661	20.000	ng	0.00
76) Chrysene-d12	13.968	240	360251	20.000	ng	0.00
86) Perylene-d12	15.427	264	306952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1198128	116.878	ng	0.00
7) Phenol-d6	6.434	99	1524170	116.878	ng	0.00
23) Nitrobenzene-d5	7.363	82	984991	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	392837	125.427	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1711912	77.128	ng	0.00
79) Terphenyl-d14	12.916	244	1923163	82.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	161856	35.901	ng	99
3) Pyridine	3.310	79	393522	36.228	ng	99
4) n-Nitrosodimethylamine	3.257	42	237037	38.199	ng	98
6) Aniline	6.463	93	454604	41.182	ng	97
8) 2-Chlorophenol	6.581	128	434676	39.561	ng	98
9) Benzaldehyde	6.351	77	371187	49.140	ng	99
10) Phenol	6.445	94	522357	37.787	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	402104	37.937	ng	99
12) 1,3-Dichlorobenzene	6.739	146	436015	35.991	ng	99
13) 1,4-Dichlorobenzene	6.816	146	440169	36.167	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424389	37.239	ng	98
15) Benzyl Alcohol	6.939	79	366635	41.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	733035	39.771	ng	99
17) 2-Methylphenol	7.051	107	354888	39.742	ng	99
18) Hexachloroethane	7.310	117	164916	36.732	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	296992	38.327	ng	96
20) 3+4-Methylphenols	7.204	107	413807	37.741	ng	95
22) Acetophenone	7.210	105	621280	40.897	ng	99
24) Nitrobenzene	7.381	77	449375	35.768	ng	100
25) Isophorone	7.622	82	828323	39.526	ng	99
26) 2-Nitrophenol	7.698	139	226262	38.187	ng	99
27) 2,4-Dimethylphenol	7.734	122	365777	48.501	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	505927	37.848	ng	99
29) 2,4-Dichlorophenol	7.939	162	349567	37.862	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	368330	34.933	ng	100
31) Naphthalene	8.104	128	1216274	36.025	ng	100
32) Benzoic acid	7.857	122	302716	43.663	ng	99
33) 4-Chloroaniline	8.151	127	164703	14.386	ng	98
34) Hexachlorobutadiene	8.222	225	217527	35.179	ng	99
35) Caprolactam	8.522	113	130568m	43.302	ng	
36) 4-Chloro-3-methylphenol	8.633	107	388117	39.190	ng	97
37) 2-Methylnaphthalene	8.792	142	768048	35.792	ng	99
38) 1-Methylnaphthalene	8.892	142	759228	36.018	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	388845	40.008	ng	98
41) Hexachlorocyclopentadiene	8.945	237	451802	157.404	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	249335	39.194	ng	100

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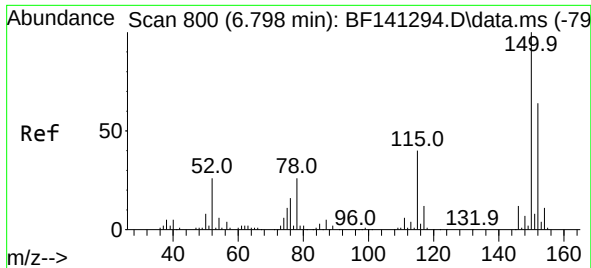
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
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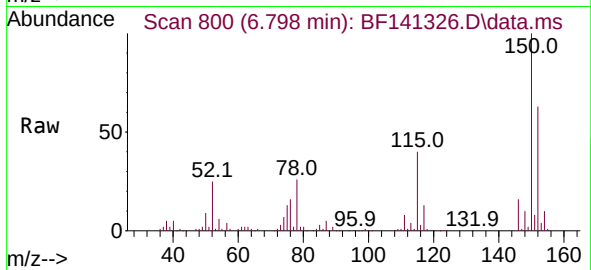
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	259595	37.493	ng	98
46) 1,1'-Biphenyl	9.257	154	1087669	40.823	ng	99
47) 2-Chloronaphthalene	9.286	162	745432	35.895	ng	98
48) 2-Nitroaniline	9.380	65	254788	39.006	ng	99
49) Acenaphthylene	9.698	152	1166625	40.131	ng	100
50) Dimethylphthalate	9.563	163	886423	38.417	ng	99
51) 2,6-Dinitrotoluene	9.622	165	200607	37.444	ng	99
52) Acenaphthene	9.875	154	871464	41.962	ng	99
53) 3-Nitroaniline	9.792	138	107700	20.511	ng	100
54) 2,4-Dinitrophenol	9.898	184	233111	93.602	ng	95
55) Dibenzofuran	10.045	168	1049171	37.742	ng	99
56) 4-Nitrophenol	9.957	139	337626	87.919	ng	99
57) 2,4-Dinitrotoluene	10.027	165	275815	39.763	ng	98
58) Fluorene	10.386	166	799362	37.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224854	41.280	ng	99
60) Diethylphthalate	10.263	149	857103	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	381746	36.243	ng	99
62) 4-Nitroaniline	10.410	138	203068	39.336	ng	99
63) Azobenzene	10.539	77	875236	39.082	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	154237	45.935	ng	97
66) n-Nitrosodiphenylamine	10.498	169	730726	39.799	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251332	39.548	ng	98
68) Hexachlorobenzene	10.933	284	262205	38.896	ng	99
69) Atrazine	11.027	200	281085	45.789	ng	99
70) Pentachlorophenol	11.127	266	332283	84.175	ng	99
71) Phenanthrene	11.351	178	1227588	40.230	ng	100
72) Anthracene	11.404	178	1253177	41.915	ng	100
73) Carbazole	11.557	167	1085415	40.941	ng	99
74) Di-n-butylphthalate	11.892	149	1338697	41.666	ng	100
75) Fluoranthene	12.539	202	1243504	41.272	ng	99
77) Benzidine	12.663	184	666846	57.740	ng	100
78) Pyrene	12.768	202	1267965	36.667	ng	100
80) Butylbenzylphthalate	13.392	149	522487	43.249	ng	100
81) Benzo(a)anthracene	13.957	228	916653	36.874	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147134	18.609	ng	99
83) Chrysene	13.998	228	912171	40.038	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	631697	41.219	ng	99
85) Di-n-octyl phthalate	14.574	149	1001969	42.094	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	815928	41.185	ng	99
88) Benzo(b)fluoranthene	15.010	252	777569	40.272	ng	100
89) Benzo(k)fluoranthene	15.039	252	754365	44.103	ng	100
90) Benzo(a)pyrene	15.368	252	713591	43.735	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	650927	40.839	ng	100
92) Benzo(g,h,i)perylene	17.315	276	637520	38.467	ng	99

(#) = 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: BF141326.D
Acq: 31 Jan 2025 12:28

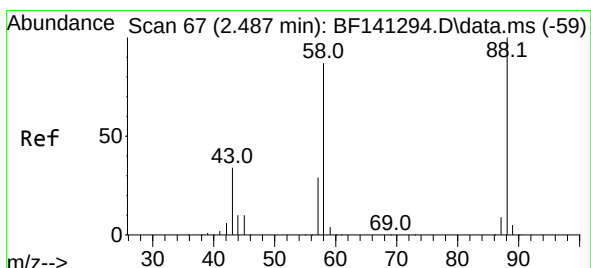
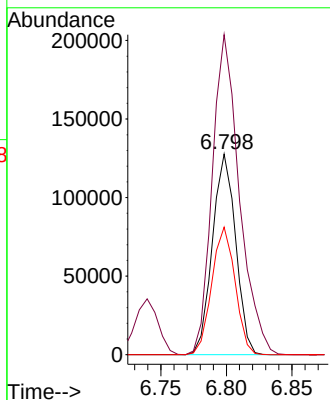
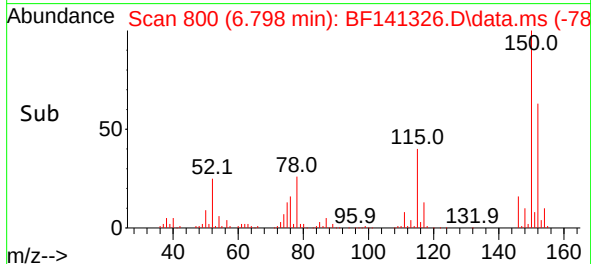
Instrument :
BNA_F
ClientSampleId :
PB166363BS



Tgt Ion:152 Resp: 15737
Ion Ratio Lower Upper
152 100
150 159.5 125.9 188.9
115 63.6 49.7 74.5

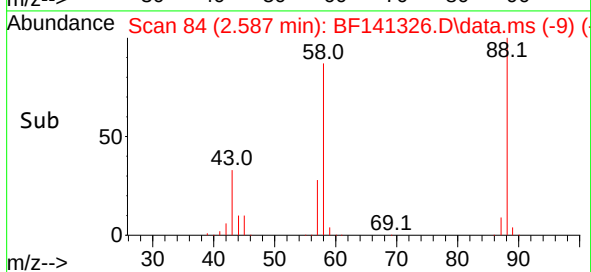
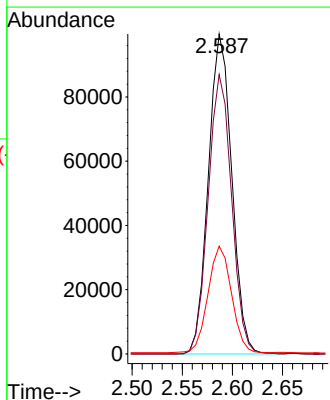
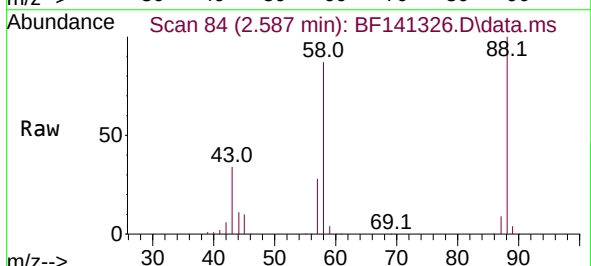
Manual Integrations
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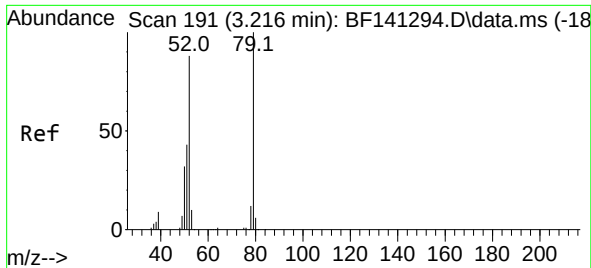
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 35.901 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.094 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

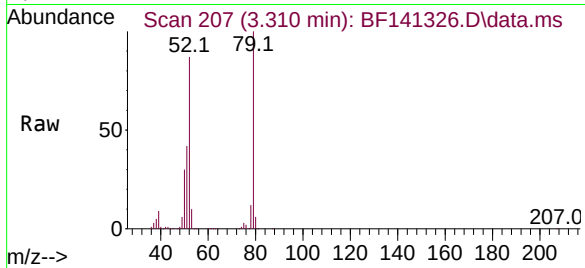
Tgt Ion: 88 Resp: 161856
Ion Ratio Lower Upper
88 100
58 87.6 70.2 105.4
43 33.3 27.6 41.4





#3
Pyridine
Concen: 36.228 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.082 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

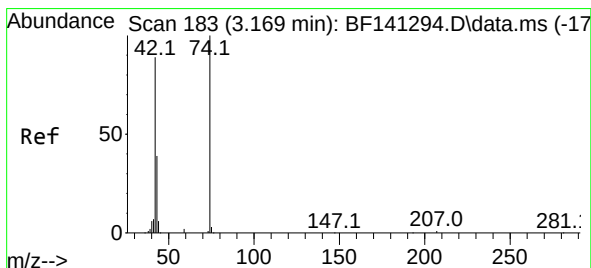
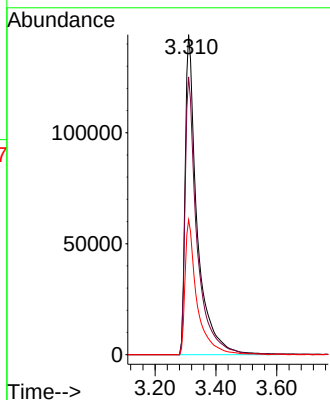
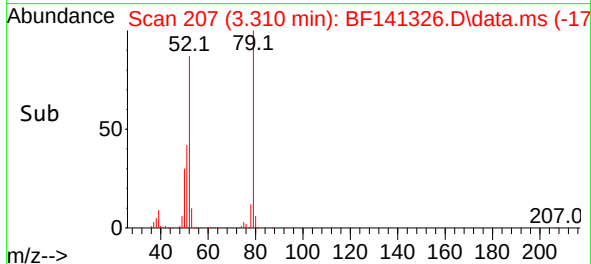
Instrument :
BNA_F
ClientSampleId :
PB166363BS



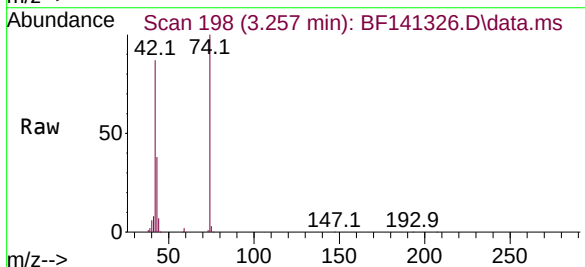
Tgt Ion: 79 Resp: 39352
Ion Ratio Lower Upper
79 100
52 86.8 70.3 105.5
51 42.1 34.3 51.5

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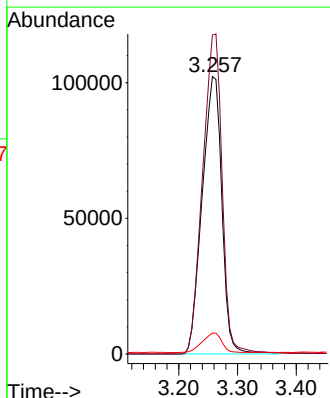
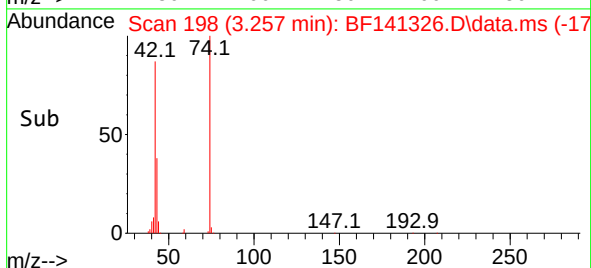
Reviewed By :Jagrut Upadhyay 02/03/2025
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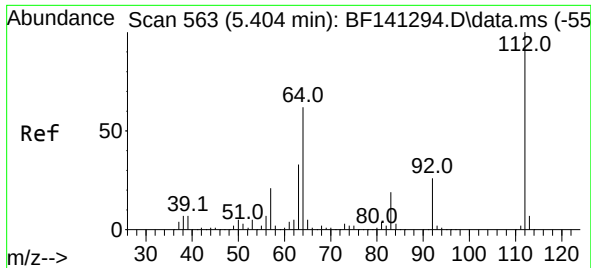


#4
n-Nitrosodimethylamine
Concen: 38.199 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.059 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion: 42 Resp: 237037
Ion Ratio Lower Upper
42 100
74 114.9 90.3 135.5
44 7.5 5.7 8.5





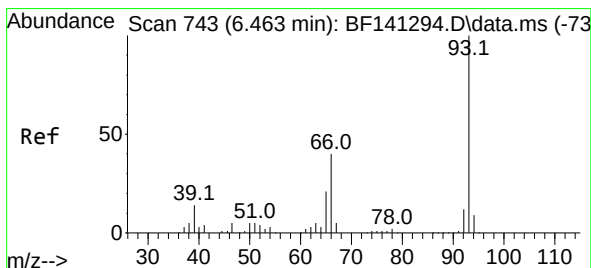
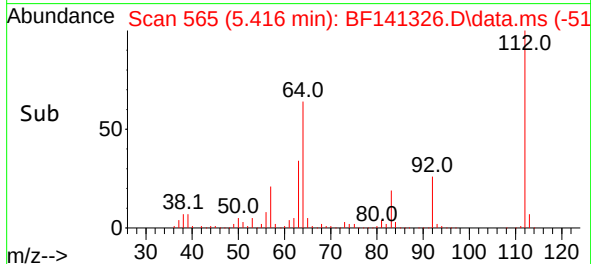
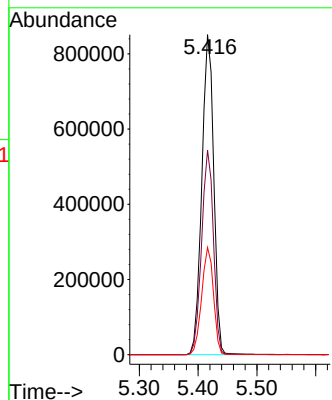
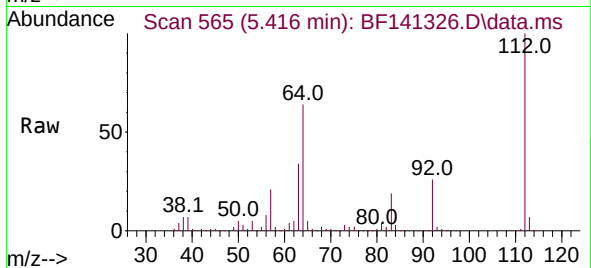
#5
2-Fluorophenol
Concen: 116.878 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:112 Resp: 119812
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 33.5 26.1 39.1

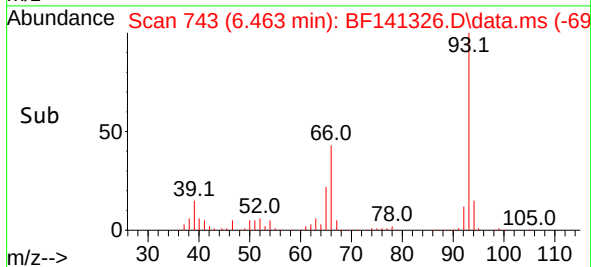
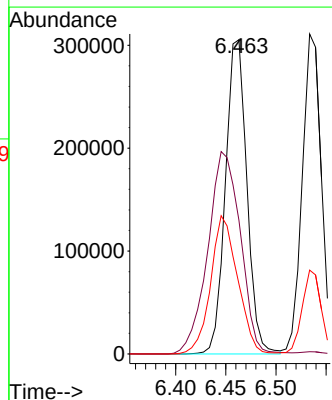
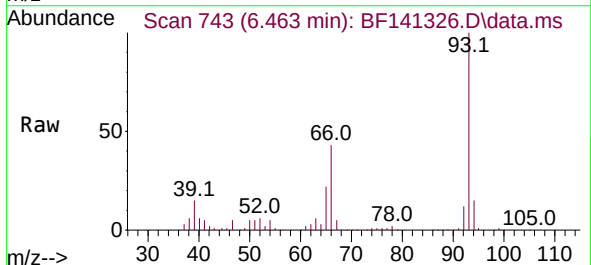
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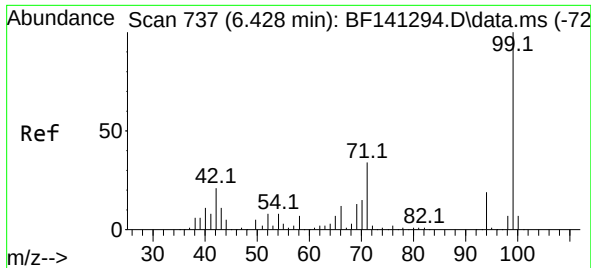
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 41.182 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 454604
Ion Ratio Lower Upper
93 100
66 42.6 32.5 48.7
65 22.3 17.0 25.6





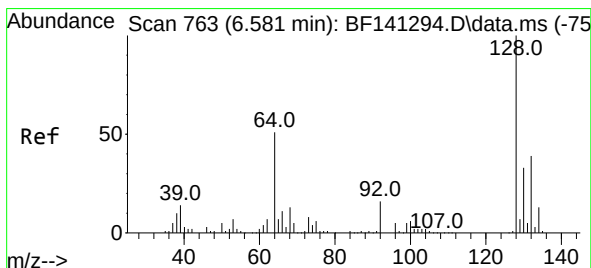
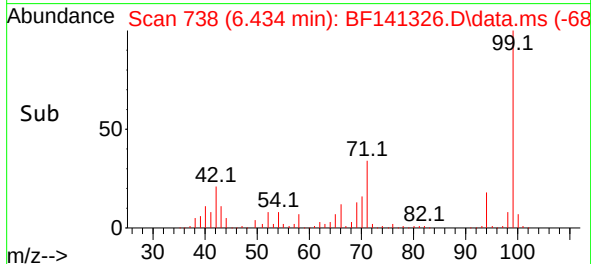
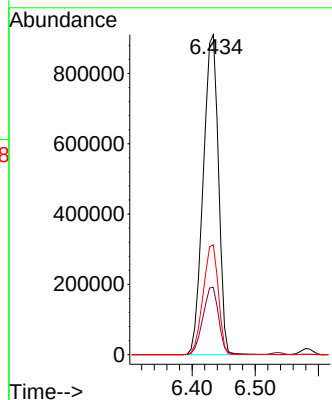
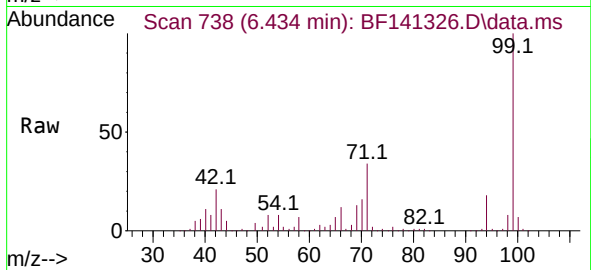
#7
Phenol-d6
Concen: 116.878 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 99 Resp: 1524170
Ion Ratio Lower Upper
99 100
42 21.1 17.1 25.7
71 34.3 26.9 40.3

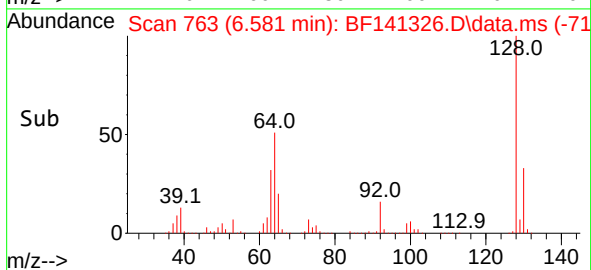
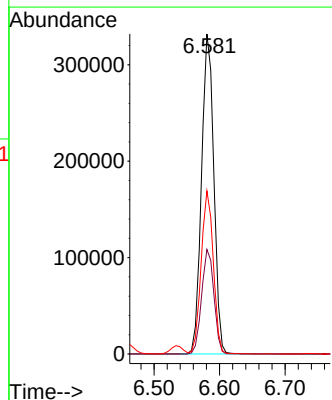
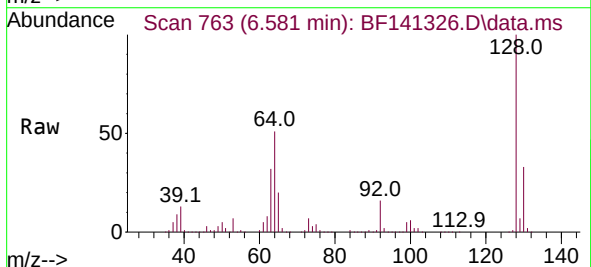
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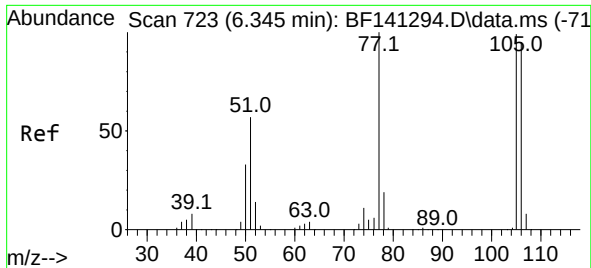
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 39.561 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:128 Resp: 434676
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 51.0 32.9 72.9





#9

Benzaldehyde

Concen: 49.140 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

Tgt Ion: 77 Resp: 37118

Ion Ratio Lower Upper

77 100

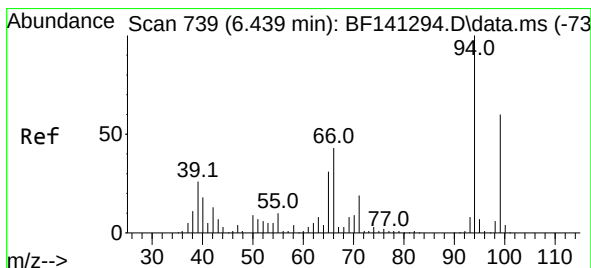
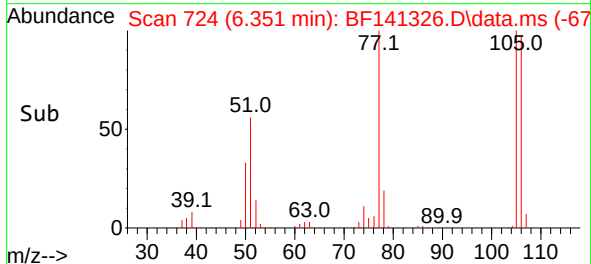
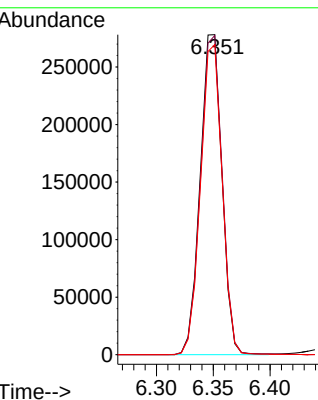
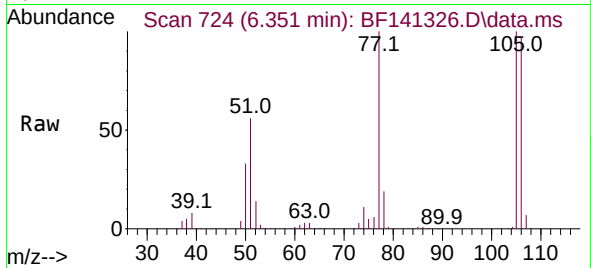
105 99.7 79.4 119.4

106 96.9 74.6 114.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 02/04/2025



#10

Phenol

Concen: 37.787 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

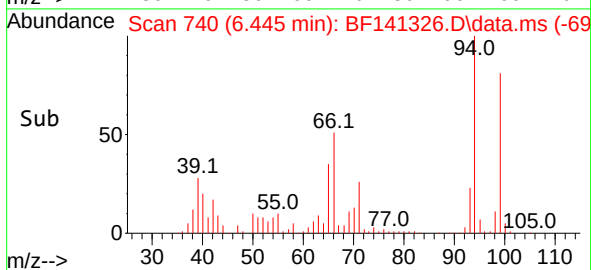
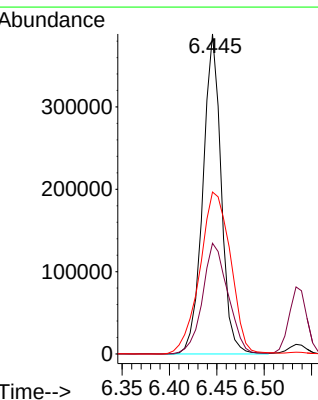
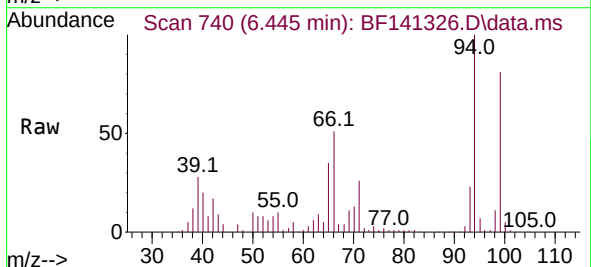
Tgt Ion: 94 Resp: 522357

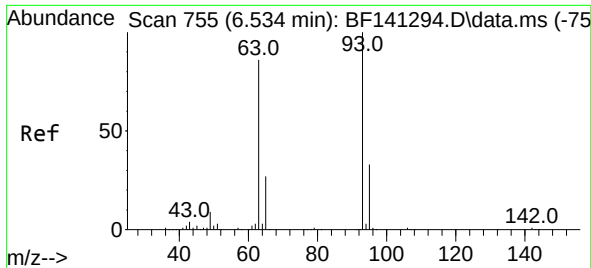
Ion Ratio Lower Upper

94 100

65 34.6 10.8 50.8

66 50.6 23.3 63.3





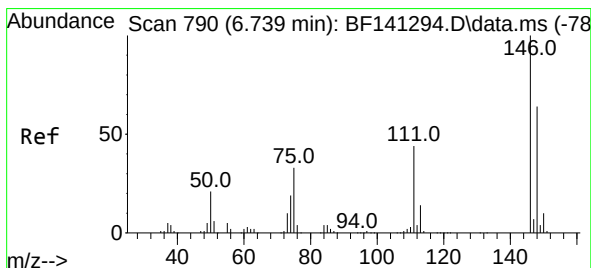
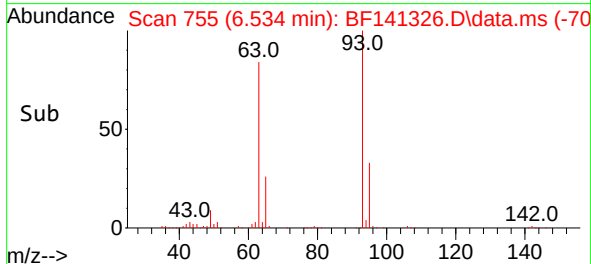
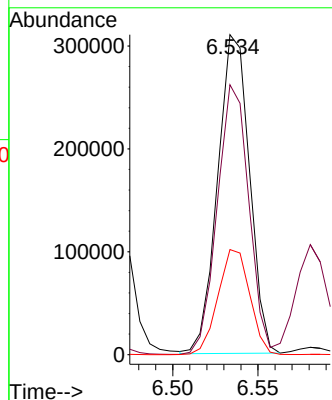
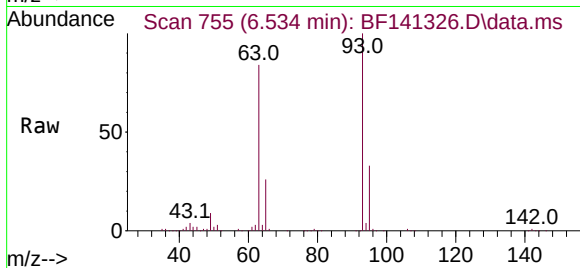
#11
bis(2-Chloroethyl)ether
Concen: 37.937 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 93 Resp: 402104
Ion Ratio Lower Upper
93 100
63 84.4 65.0 105.0
95 32.8 12.4 52.4

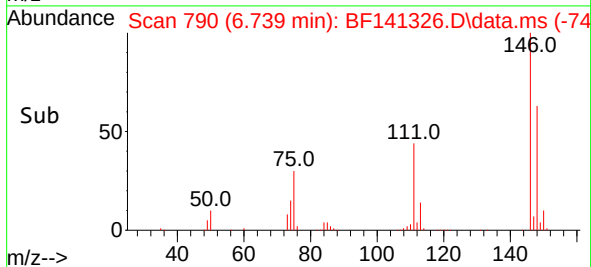
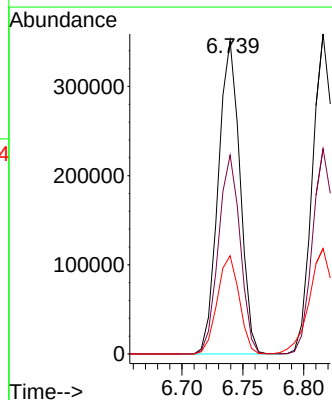
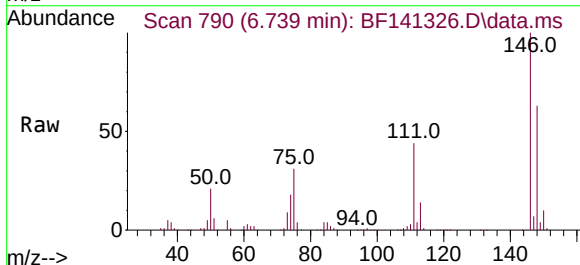
Manual Integrations
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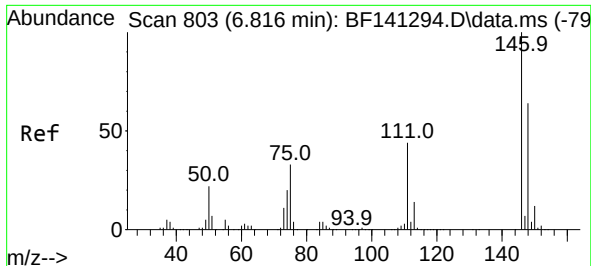
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 35.991 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 436015
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 31.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.167 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

Tgt Ion:146 Resp: 440169

Ion Ratio Lower Upper

146 100

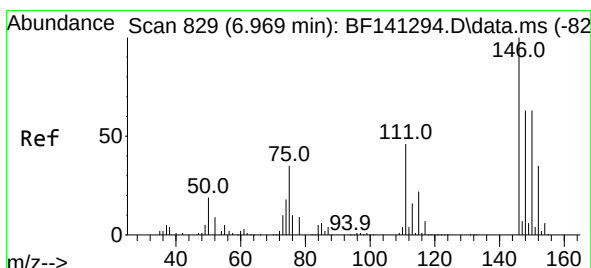
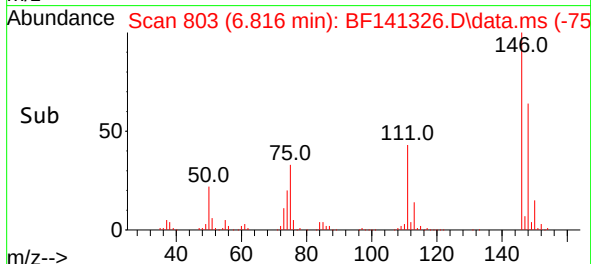
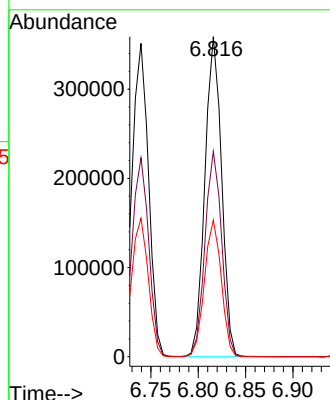
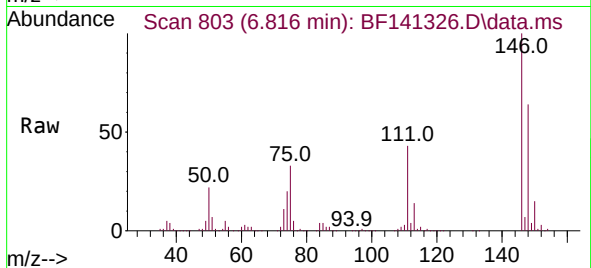
148 64.2 51.2 76.8

111 42.7 35.0 52.4

Manual Integrations

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



#14

1,2-Dichlorobenzene

Concen: 37.239 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

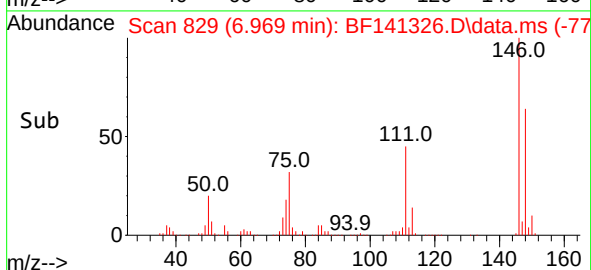
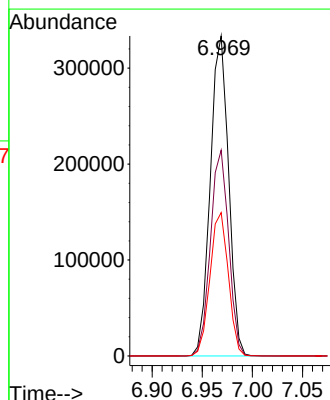
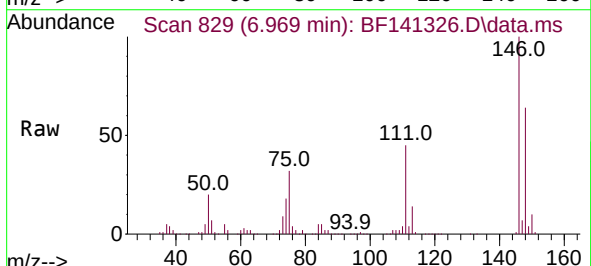
Tgt Ion:146 Resp: 424389

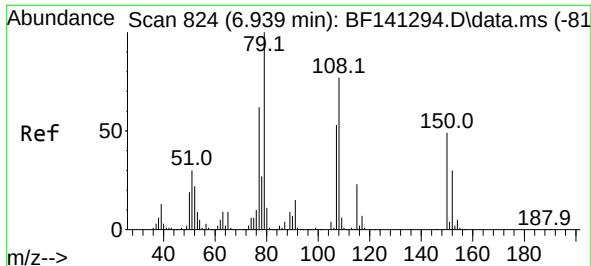
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

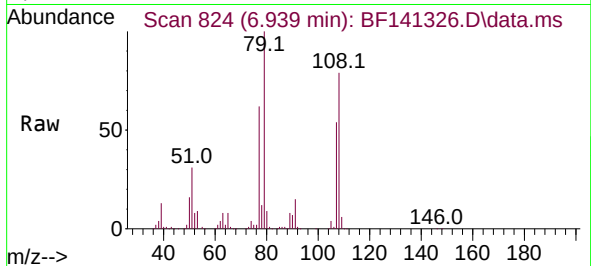
111 44.8 36.6 55.0





#15
Benzyl Alcohol
Concen: 41.140 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

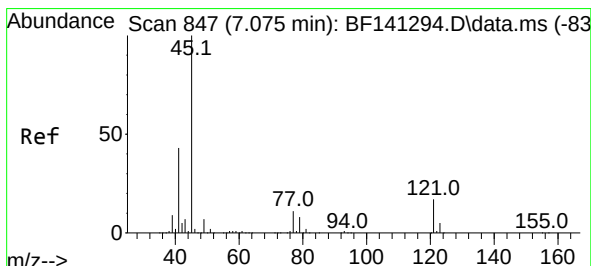
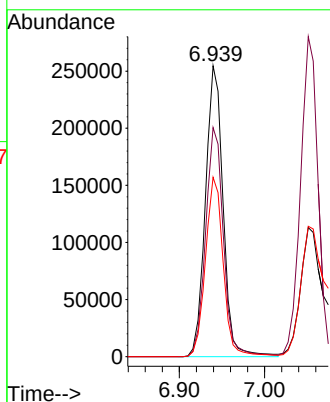
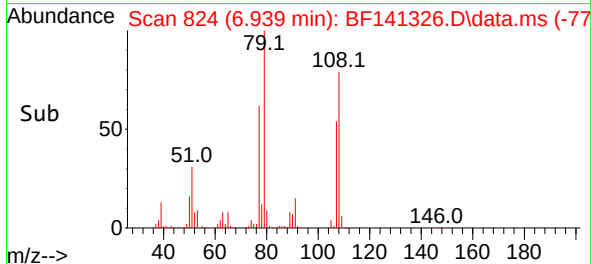
Instrument :
BNA_F
ClientSampleId :
PB166363BS



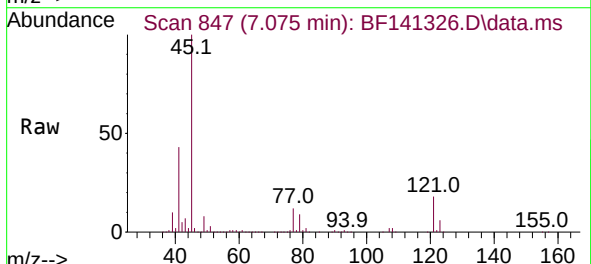
Tgt Ion: 79 Resp: 366635
Ion Ratio Lower Upper
79 100
108 78.8 61.4 92.0
77 61.7 49.9 74.9

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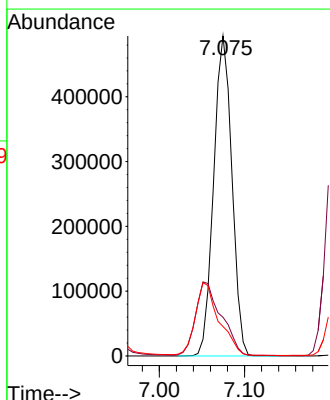
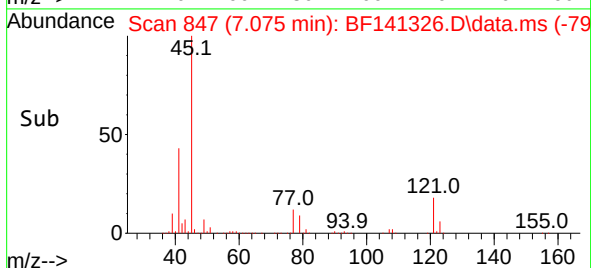
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

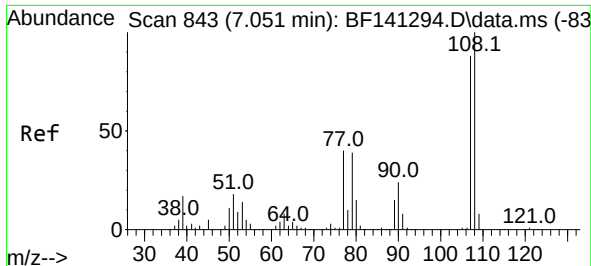


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.771 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion: 45 Resp: 733035
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.2 0.0 29.1





#17
2-Methylphenol
Concen: 39.742 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

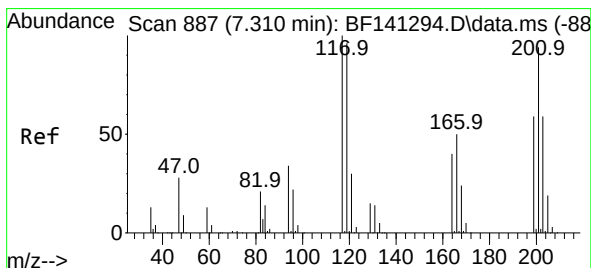
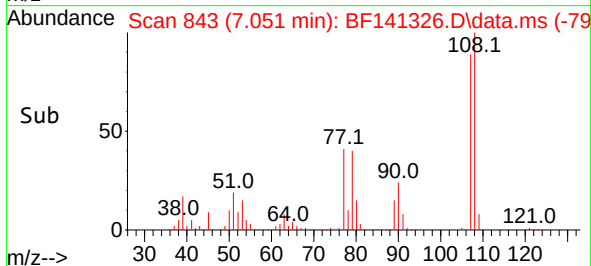
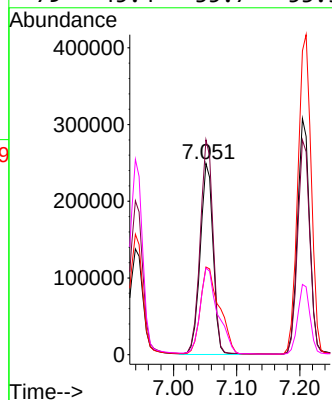
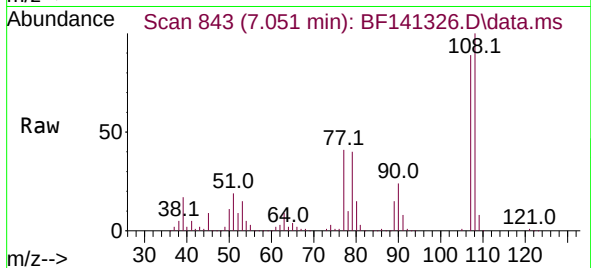
PB166363BS

Tgt Ion:107 Resp: 35488
Ion Ratio Lower Upper
107 100
108 112.4 90.8 136.2
77 45.8 36.2 54.4
79 45.4 35.7 53.5

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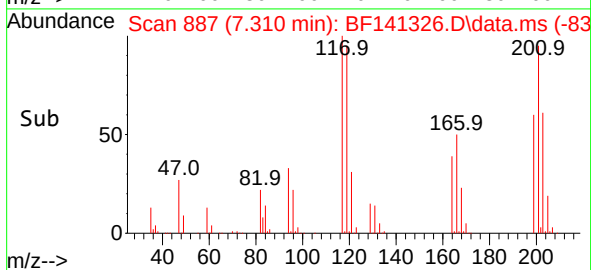
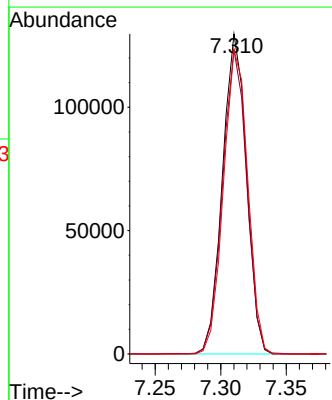
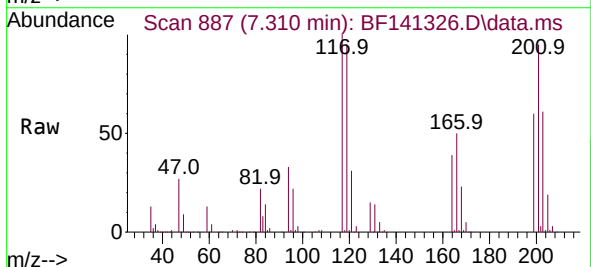
APPROVED

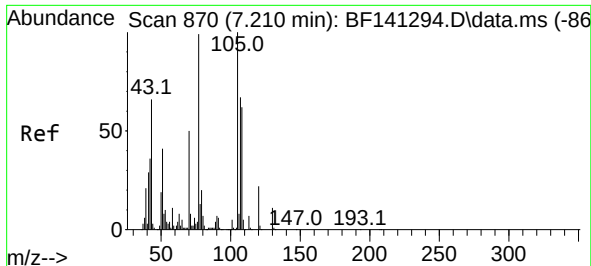
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 36.732 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

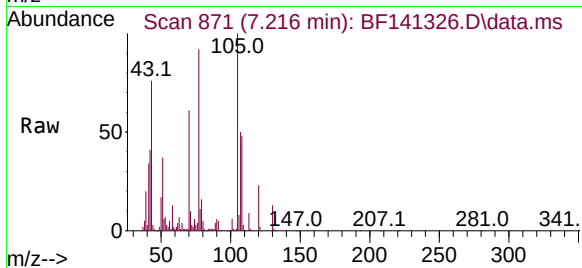
Tgt Ion:117 Resp: 164916
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 95.1 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.327 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

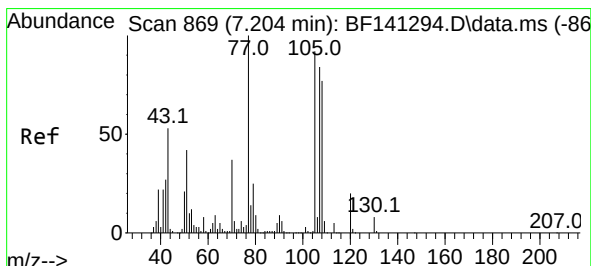
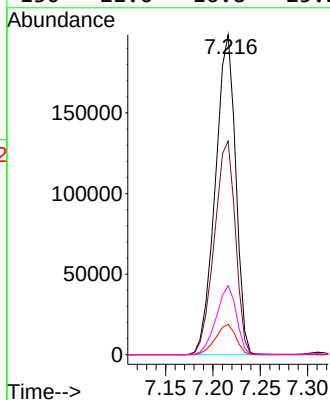
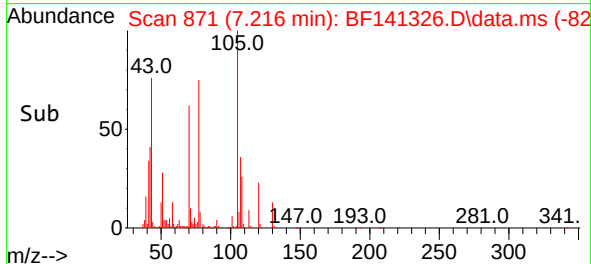
Instrument :
BNA_F
ClientSampleId :
PB166363BS



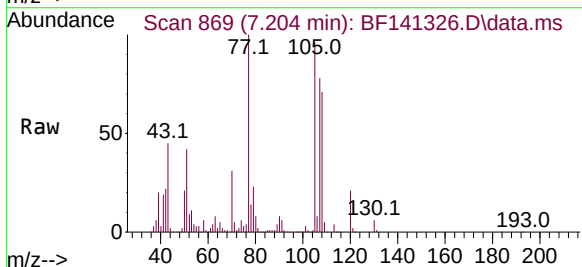
Tgt Ion: 70 Resp: 296992
Ion Ratio Lower Upper
70 100
42 66.7 56.8 85.2
101 9.5 7.7 11.5
130 21.6 16.8 25.2

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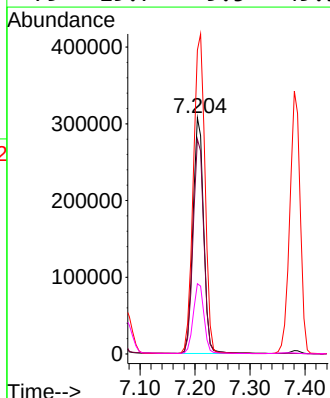
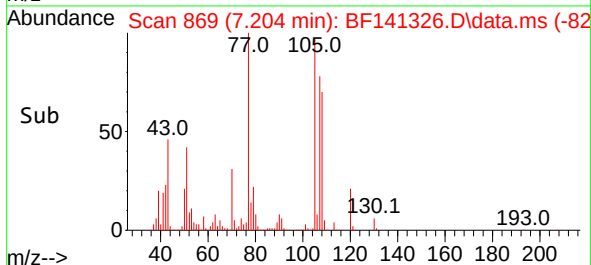
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

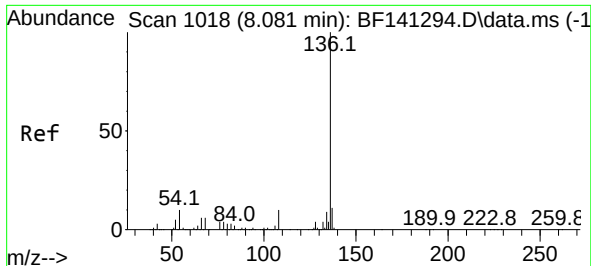


#20
3+4-Methylphenols
Concen: 37.741 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:107 Resp: 413807
Ion Ratio Lower Upper
107 100
108 90.9 70.9 110.9
77 128.6 98.5 138.5
79 29.7 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: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

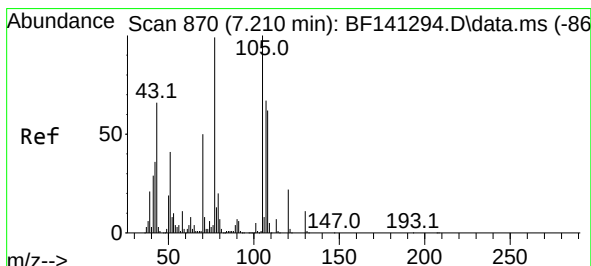
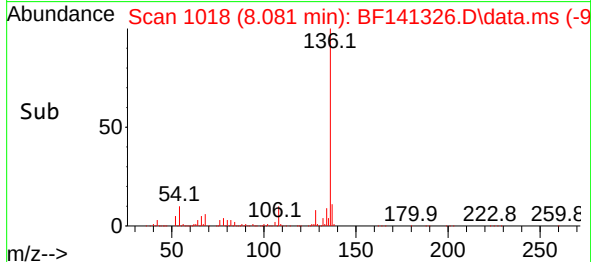
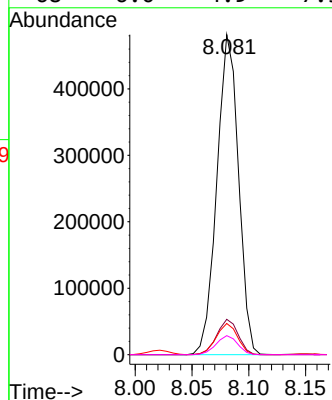
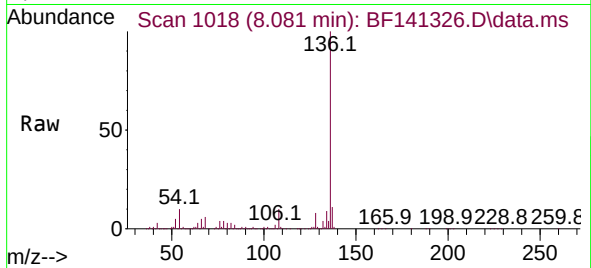
PB166363BS

Tgt Ion:136 Resp: 639100
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 7.8 11.8
68 6.0 4.9 7.3

Manual Integrations

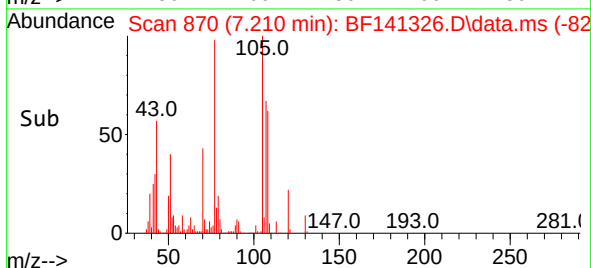
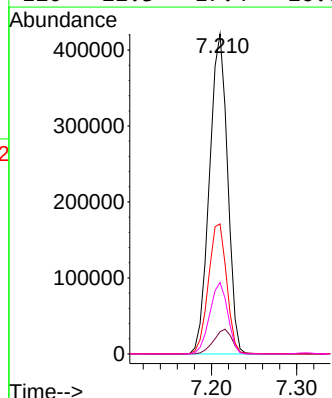
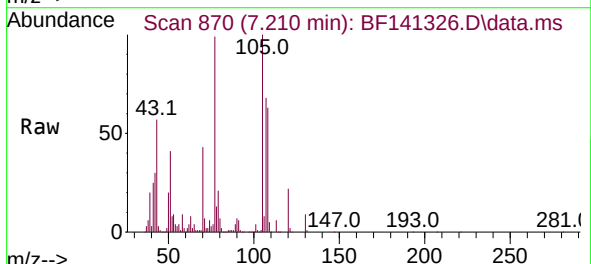
APPROVED

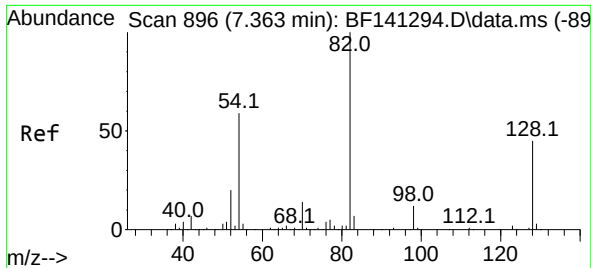
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 40.897 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:105 Resp: 621280
Ion Ratio Lower Upper
105 100
71 7.0 6.8 10.2
51 40.6 32.6 49.0
120 22.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.247 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

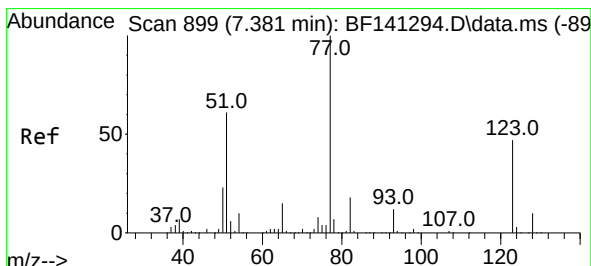
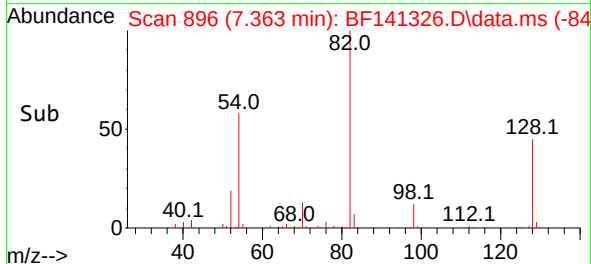
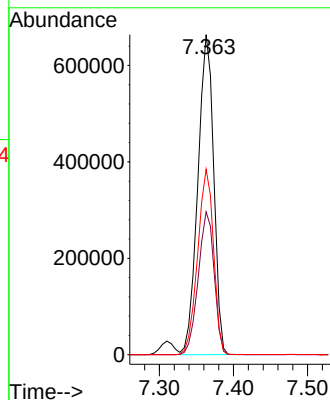
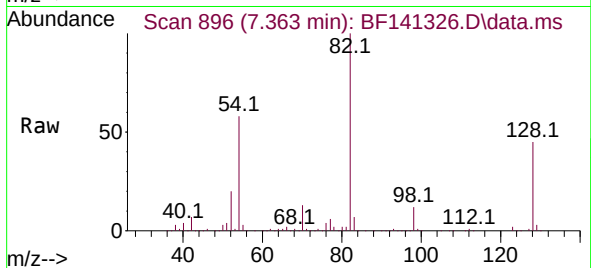
Tgt Ion: 82 Resp: 98499

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	57.9	47.1	70.7

Manual Integrations

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



#24

Nitrobenzene

Concen: 35.768 ng

RT: 7.381 min Scan# 899

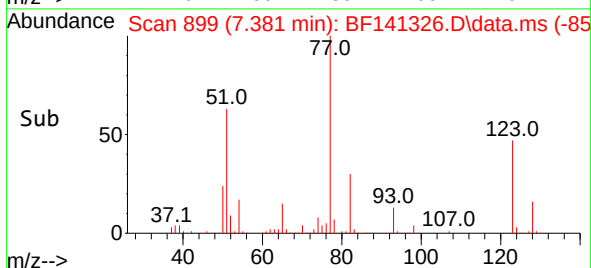
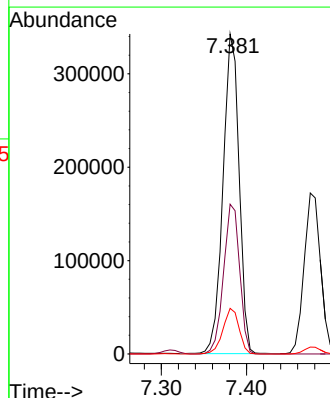
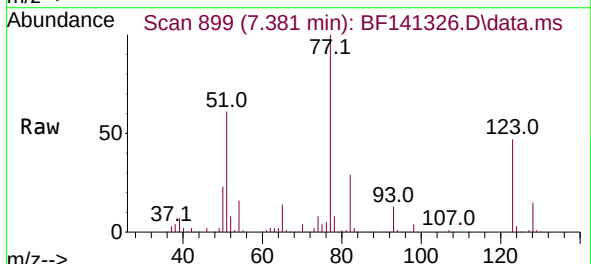
Delta R.T. -0.012 min

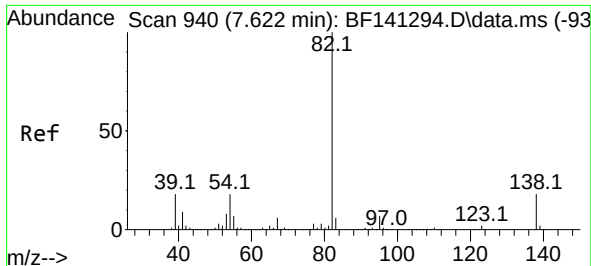
Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion: 77 Resp: 449375

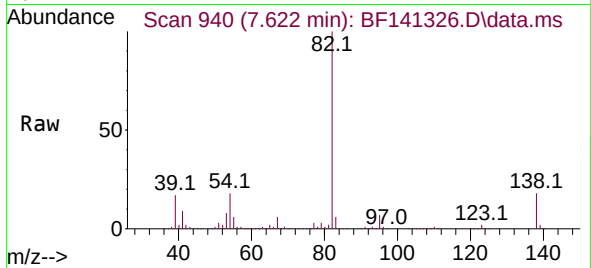
Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.3	55.9
65	14.3	11.8	17.6





#25
Isophorone
Concen: 39.526 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

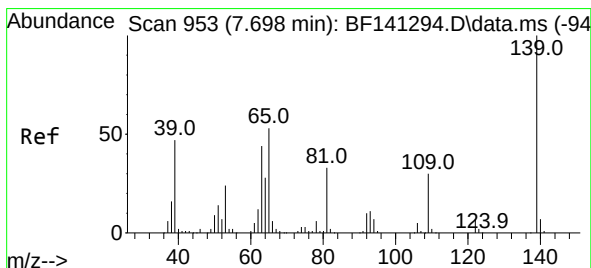
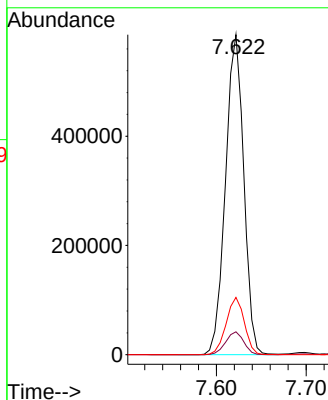
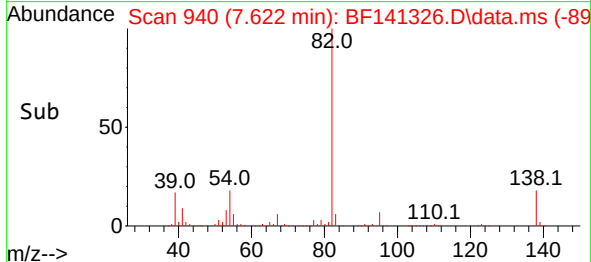
Instrument :
BNA_F
ClientSampleId :
PB166363BS



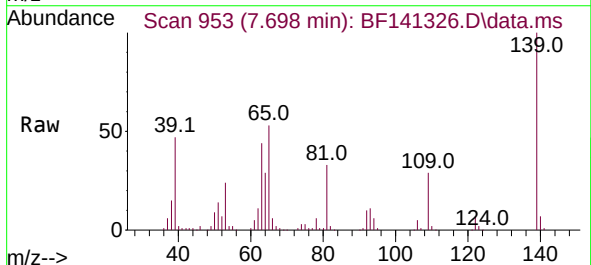
Tgt Ion: 82 Resp: 82832
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.9 14.7 22.1

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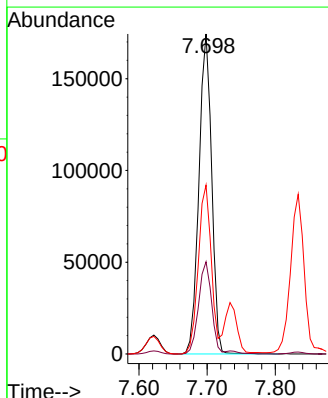
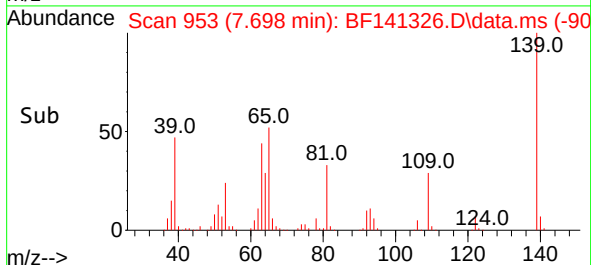
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

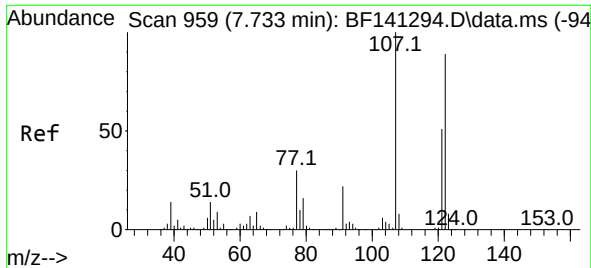


#26
2-Nitrophenol
Concen: 38.187 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:139 Resp: 226262
Ion Ratio Lower Upper
139 100
109 28.8 23.8 35.6
65 52.7 42.2 63.4





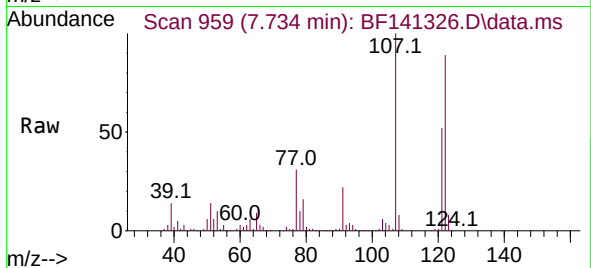
#27
2,4-Dimethylphenol
Concen: 48.501 ng
RT: 7.734 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

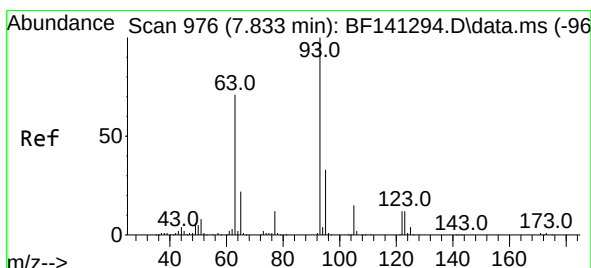
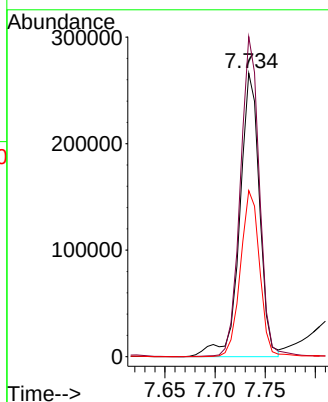
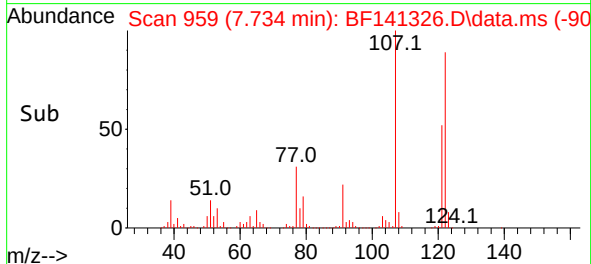


Tgt Ion:122 Resp: 365777
Ion Ratio Lower Upper
122 100
107 112.8 89.9 134.9
121 58.5 46.1 69.1

Manual Integrations

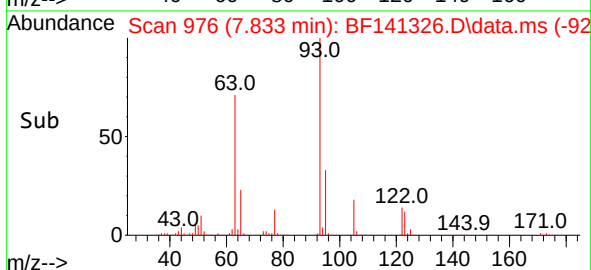
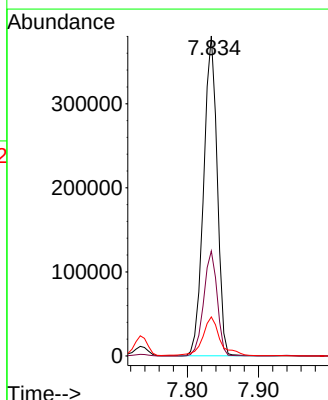
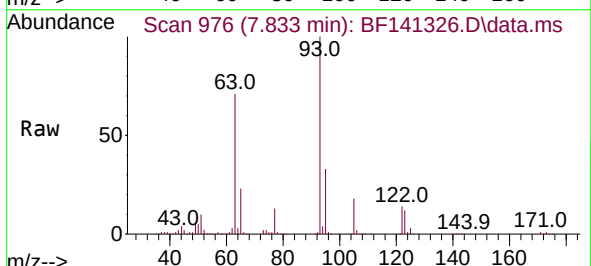
APPROVED

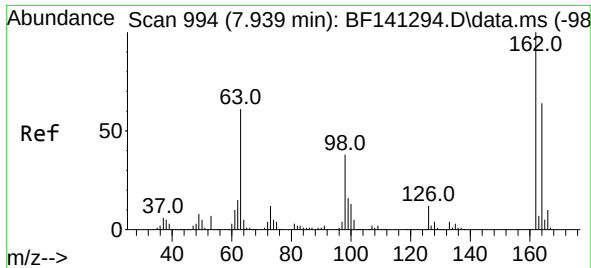
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 37.848 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 505927
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 12.2 10.2 15.4





#29
2,4-Dichlorophenol
Concen: 37.862 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

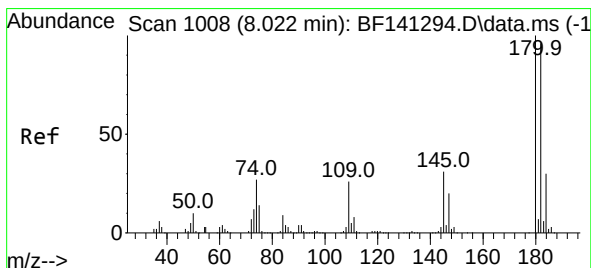
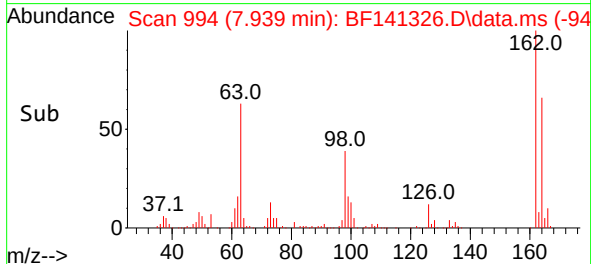
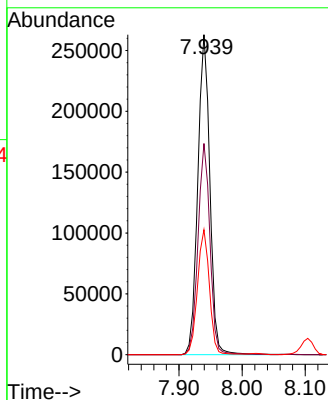
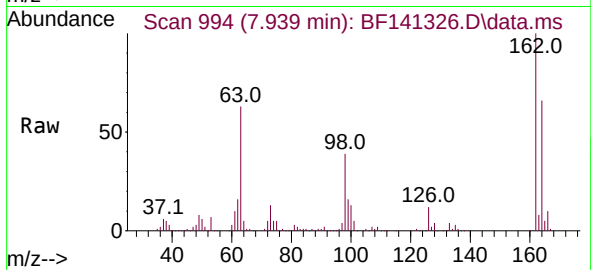
ClientSampleId :

PB166363BS

Tgt Ion:162 Resp: 34956
Ion Ratio Lower Upper
162 100
164 66.0 44.2 84.2
98 39.1 18.2 58.2

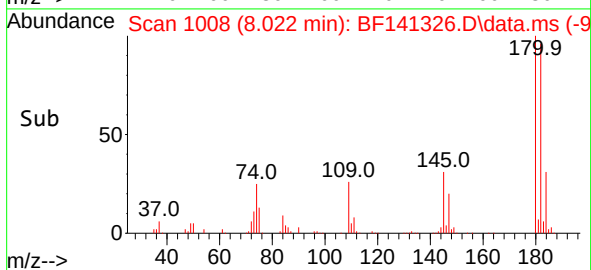
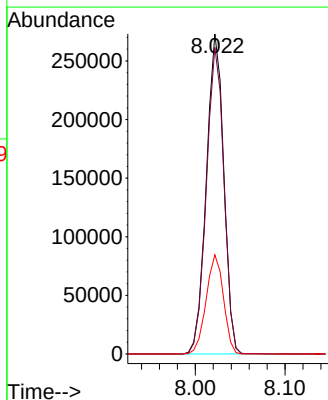
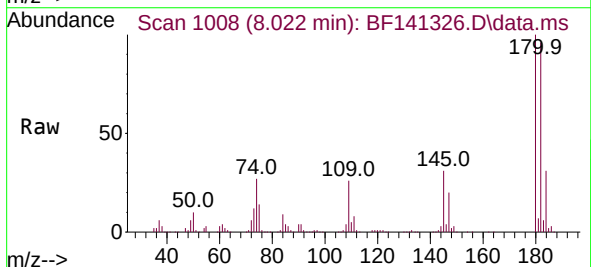
Manual Integrations
APPROVED

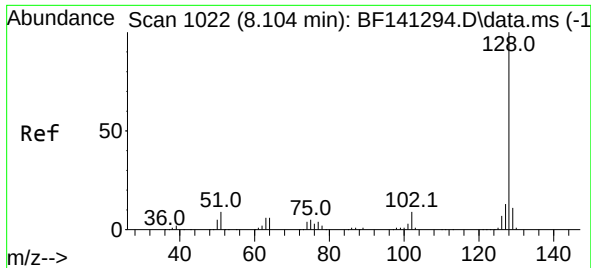
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 34.933 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:180 Resp: 368330
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 31.0 24.9 37.3





#31
Naphthalene
Concen: 36.025 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

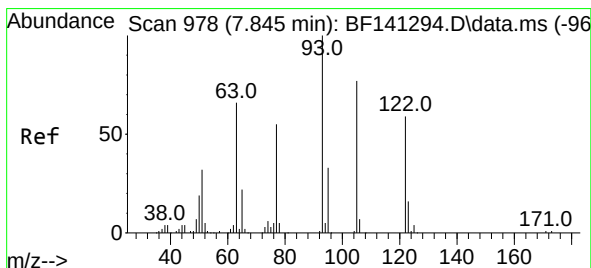
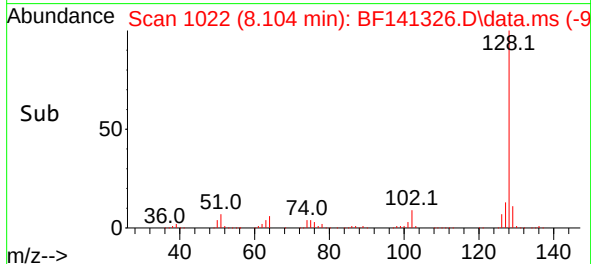
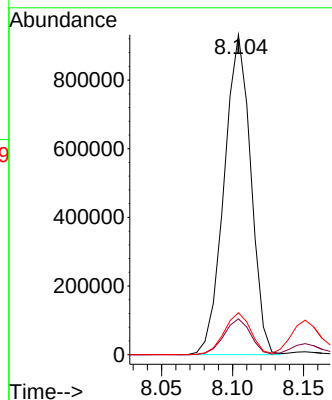
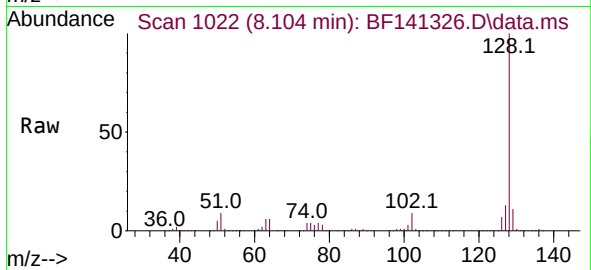
PB166363BS

Tgt Ion:128 Resp: 1216274
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 15.8

Manual Integrations

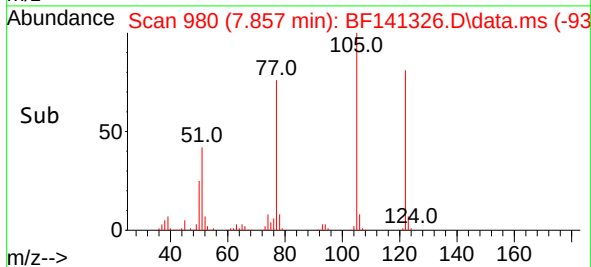
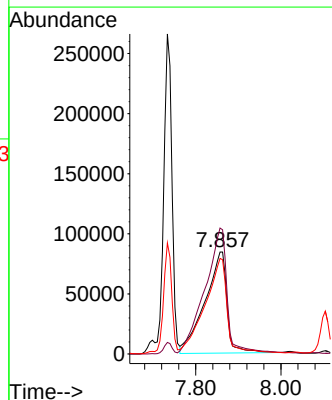
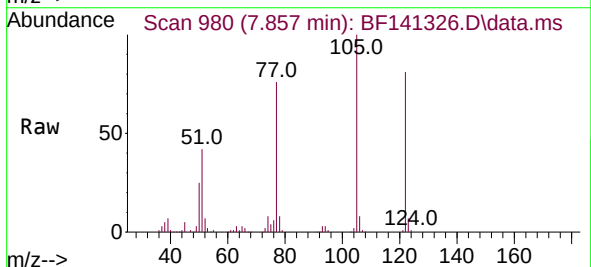
APPROVED

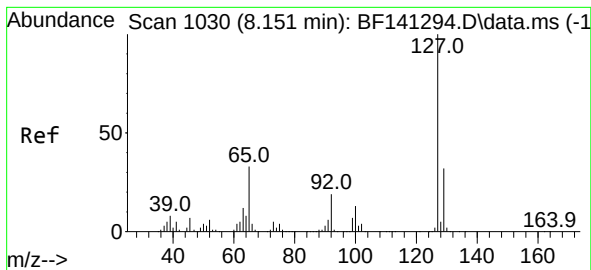
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 43.663 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:122 Resp: 302716
Ion Ratio Lower Upper
122 100
105 123.5 103.4 143.4
77 93.7 70.9 110.9





#33

4-Chloroaniline

Concen: 14.386 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

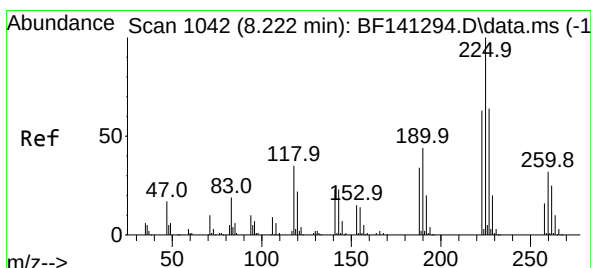
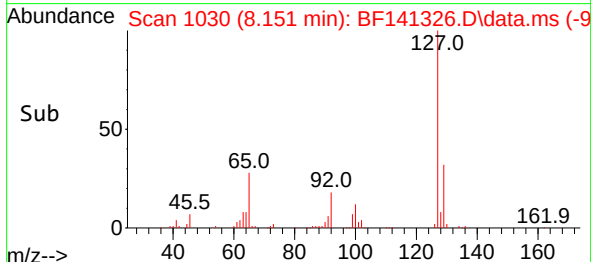
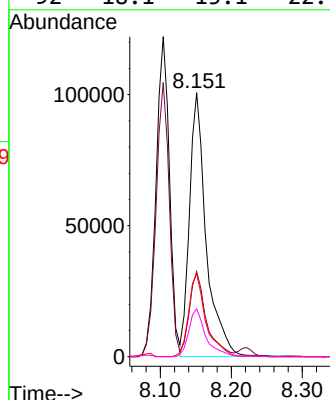
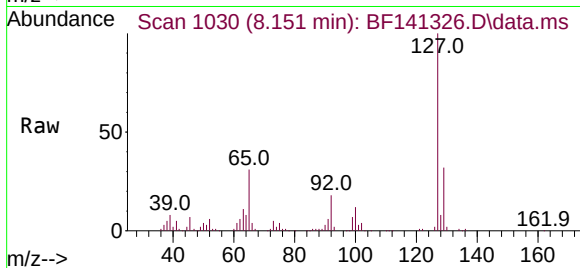
PB166363BS

Tgt Ion:	127	Resp:	16470
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.7	38.5
65	31.5	26.4	39.6
92	18.1	15.1	22.7

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 35.179 ng

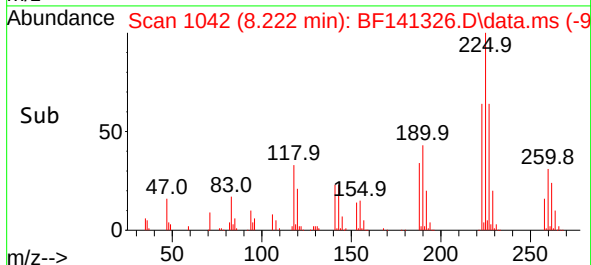
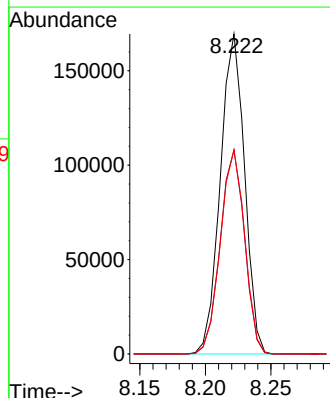
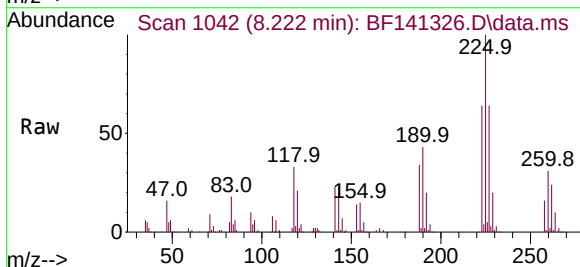
RT: 8.222 min Scan# 1042

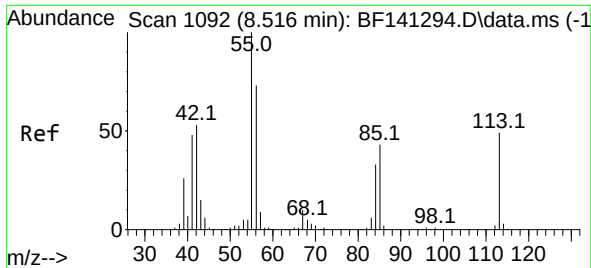
Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion:	225	Resp:	217527
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9





#35
 Caprolactam
 Concen: 43.302 ng m
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

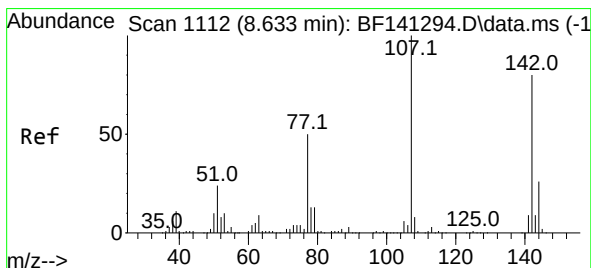
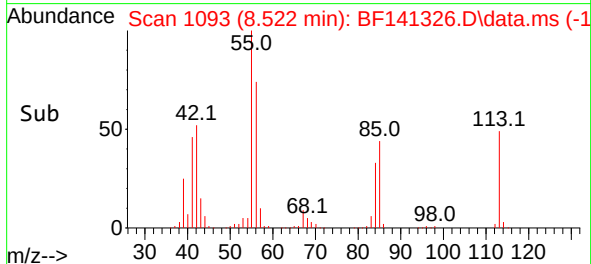
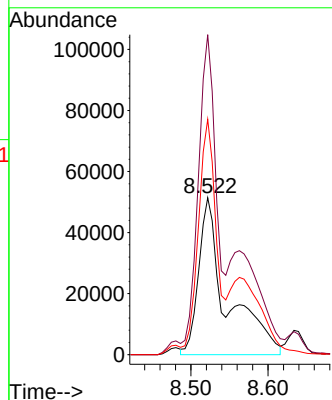
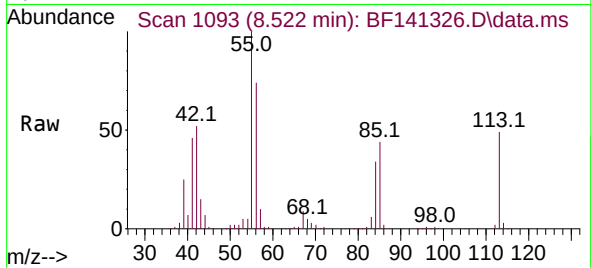
ClientSampleId :

PB166363BS

Tgt Ion:113 Resp: 13056
 Ion Ratio Lower Upper
 113 100
 55 203.9 182.9 222.9
 56 150.0 127.9 167.9

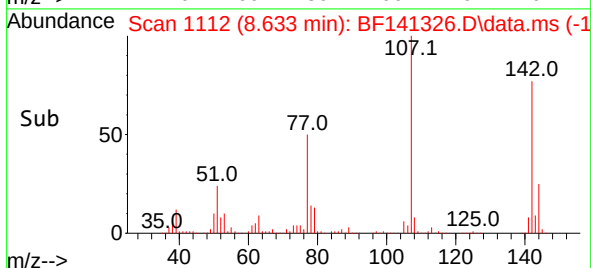
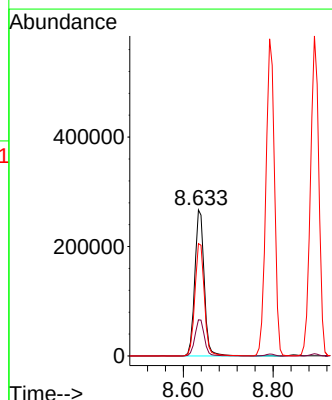
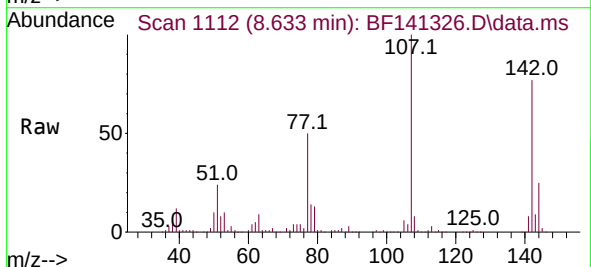
Manual Integrations
 APPROVED

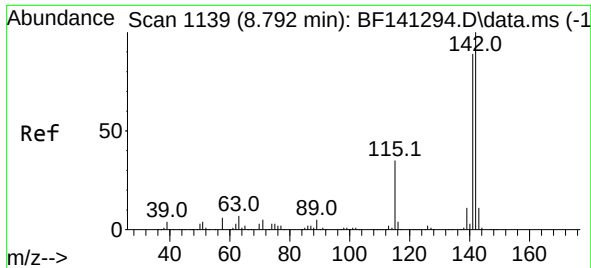
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 39.190 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

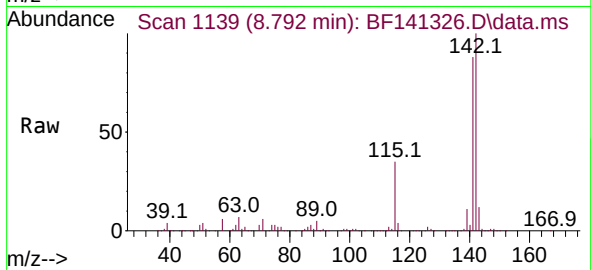
Tgt Ion:107 Resp: 388117
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 77.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 35.792 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

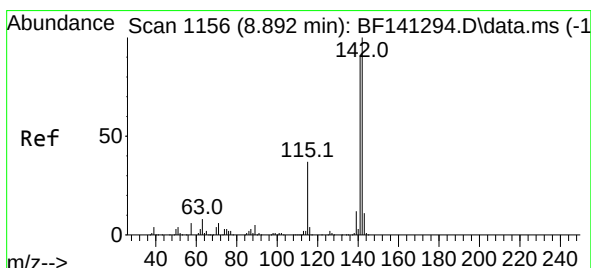
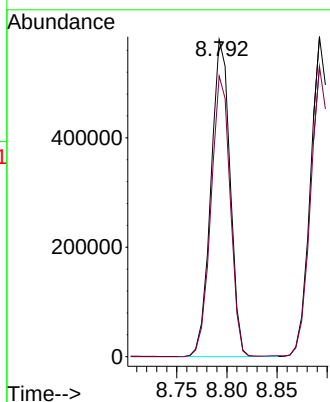
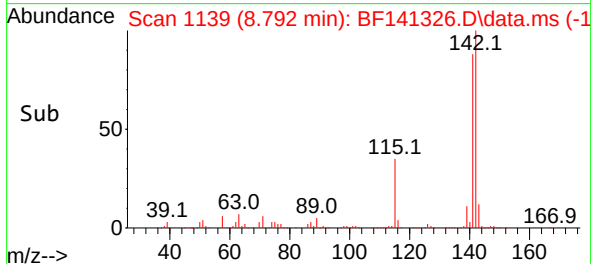
Instrument :
BNA_F
ClientSampleId :
PB166363BS



Tgt Ion:142 Resp: 768048
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

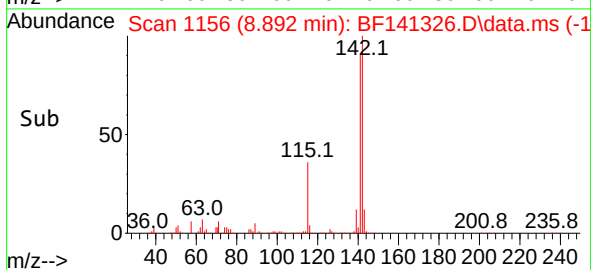
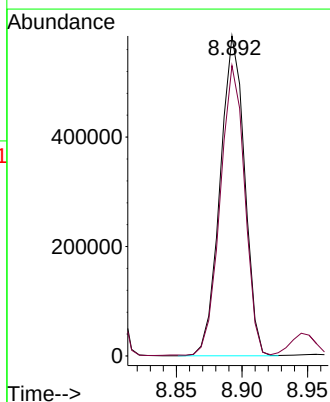
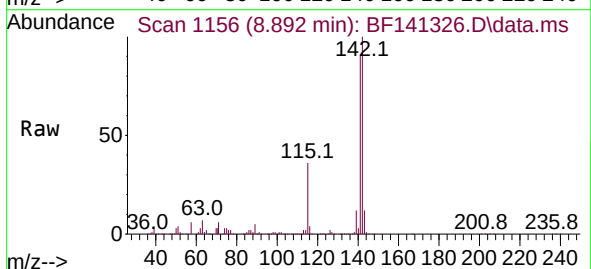
Manual Integrations
APPROVED

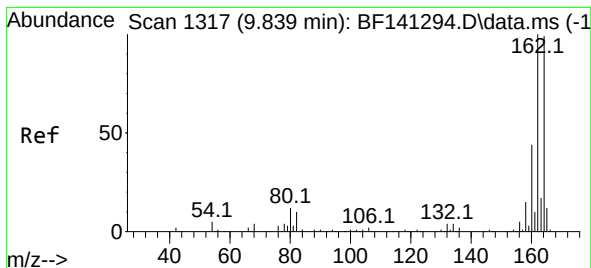
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 36.018 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:142 Resp: 759228
Ion Ratio Lower Upper
142 100
141 90.8 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: BF141326.D

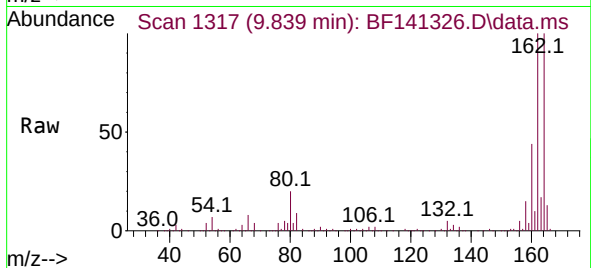
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

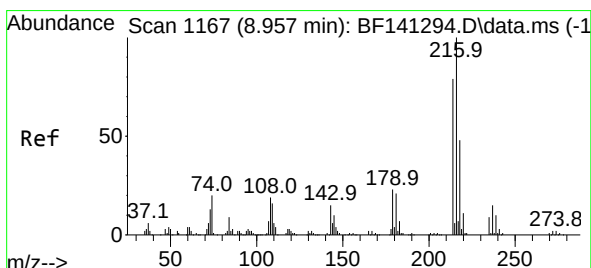
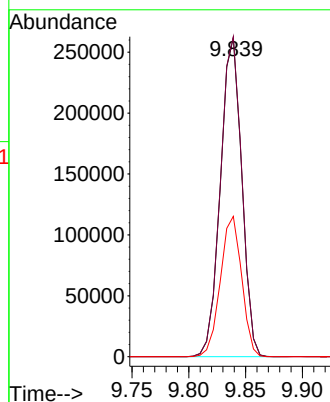
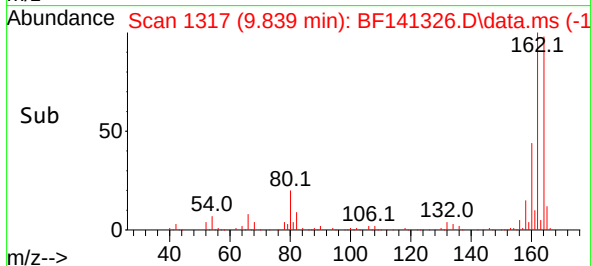


Tgt Ion:164	Resp:	341634
Ion Ratio	Lower	Upper
164	100	
162	100.4	80.6 121.0
160	44.0	35.8 53.6

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

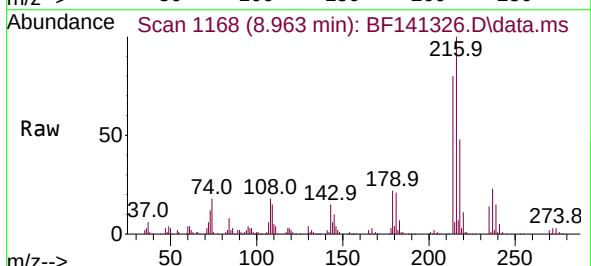
Concen: 40.008 ng

RT: 8.963 min Scan# 1168

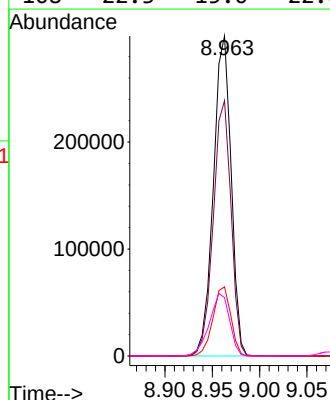
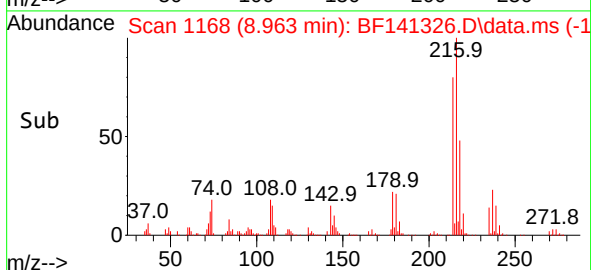
Delta R.T. -0.000 min

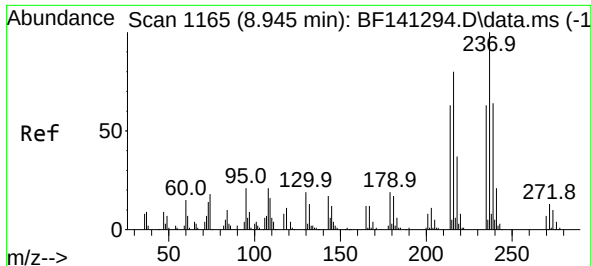
Lab File: BF141326.D

Acq: 31 Jan 2025 12:28



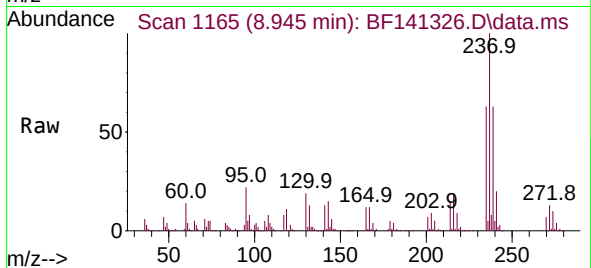
Tgt Ion:216	Resp:	388845
Ion Ratio	Lower	Upper
216	100	
214	79.9	63.2 94.8
179	21.9	17.8 26.8
108	22.3	15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 157.404 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

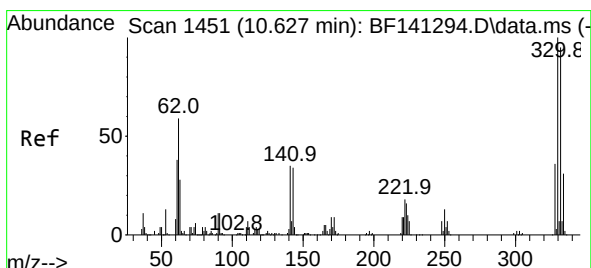
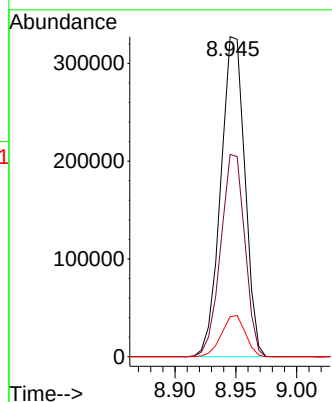
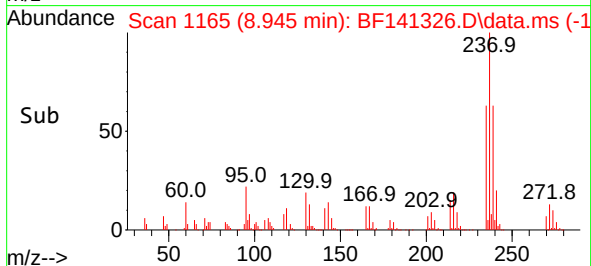
Instrument :
BNA_F
ClientSampleId :
PB166363BS



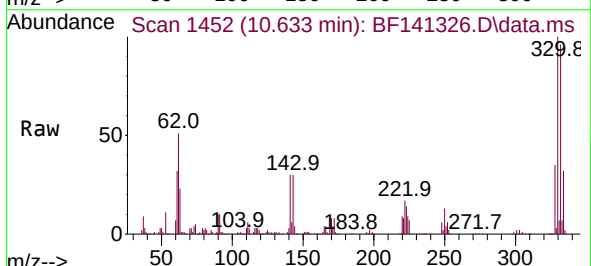
Tgt Ion:237 Resp: 451802
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.5 0.0 32.8

Manual Integrations
APPROVED

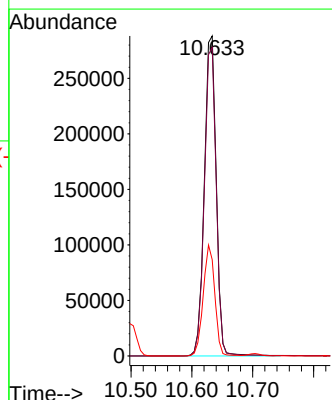
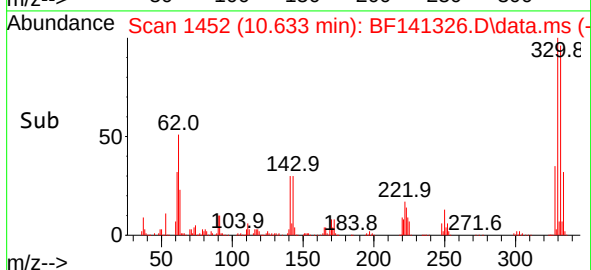
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

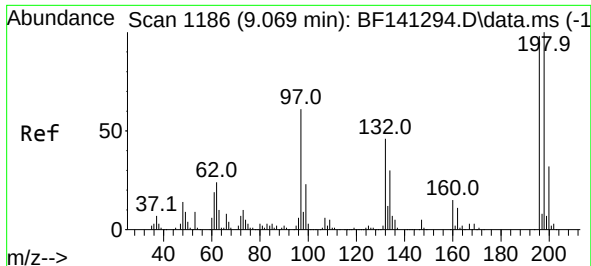


#42
2,4,6-Tribromophenol
Concen: 125.427 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



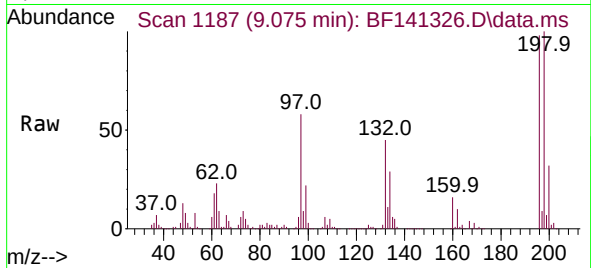
Tgt Ion:330 Resp: 392837
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 33.8 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 39.194 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

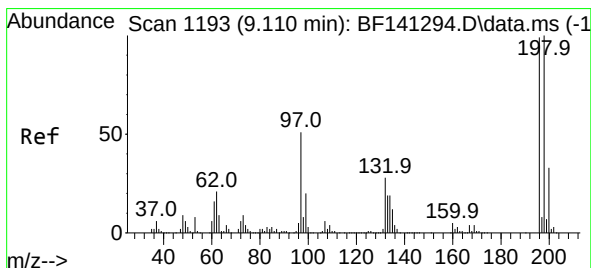
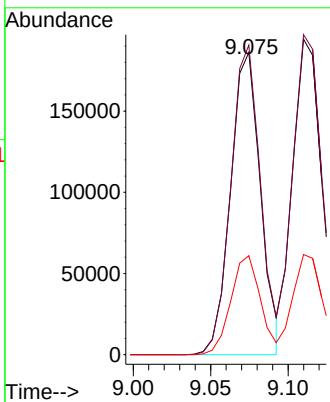
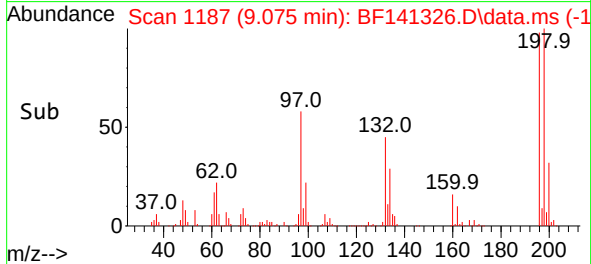
Instrument :
BNA_F
ClientSampleId :
PB166363BS



Tgt Ion:196 Resp: 249335
Ion Ratio Lower Upper
196 100
198 102.4 81.8 122.6
200 32.8 26.3 39.5

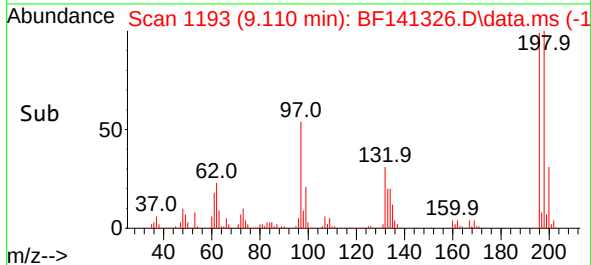
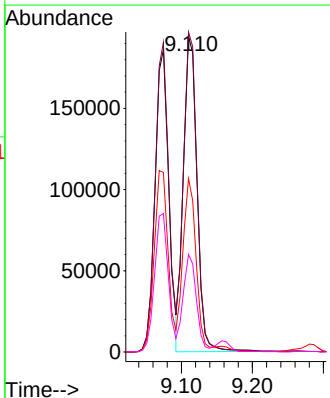
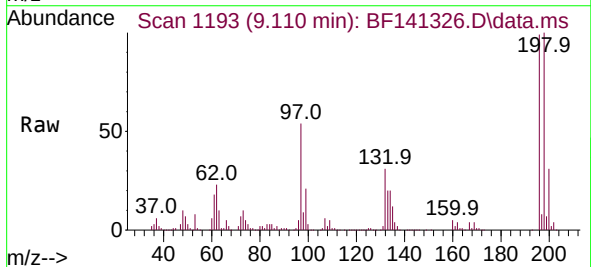
Manual Integrations
APPROVED

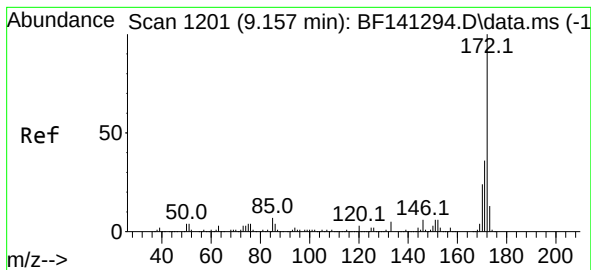
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#44
2,4,5-Trichlorophenol
Concen: 37.493 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

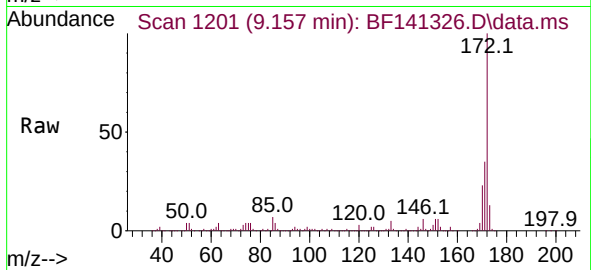
Tgt Ion:196 Resp: 259595
Ion Ratio Lower Upper
196 100
198 101.4 80.5 120.7
97 55.0 42.8 64.2
132 31.0 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

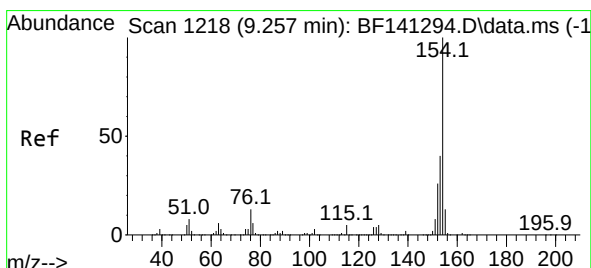
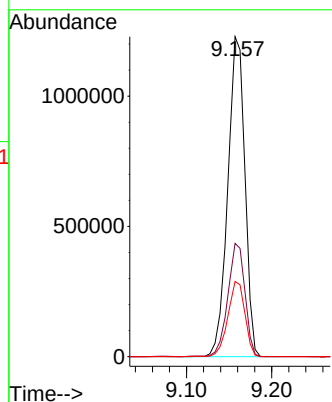
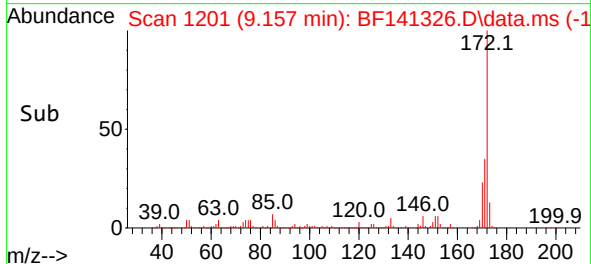
Instrument :
BNA_F
ClientSampleId :
PB166363BS



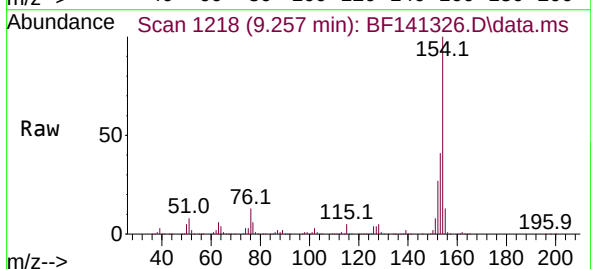
Tgt Ion:172 Resp: 1711912
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 19.0 28.6

Manual Integrations
APPROVED

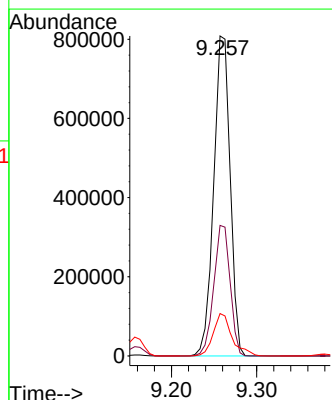
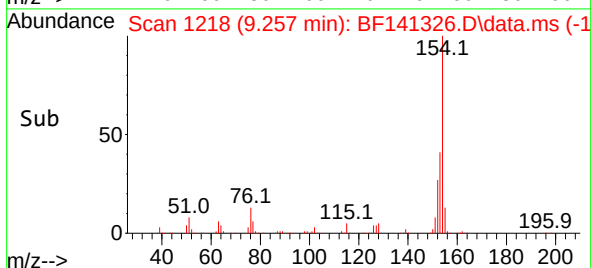
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

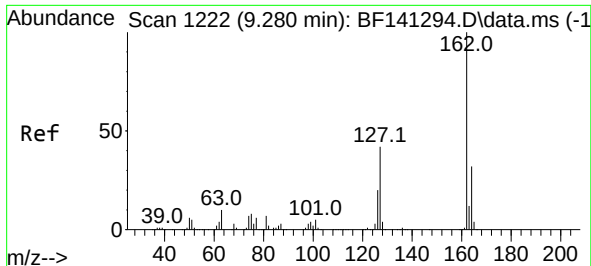


#46
1,1'-Biphenyl
Concen: 40.823 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



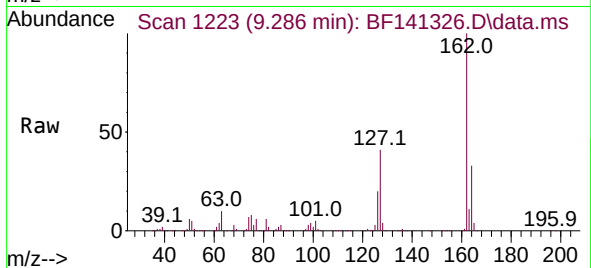
Tgt Ion:154 Resp: 1087669
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 13.3 0.0 32.8





#47
2-Chloronaphthalene
Concen: 35.895 ng
RT: 9.286 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

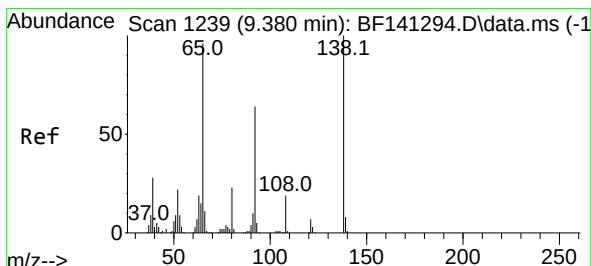
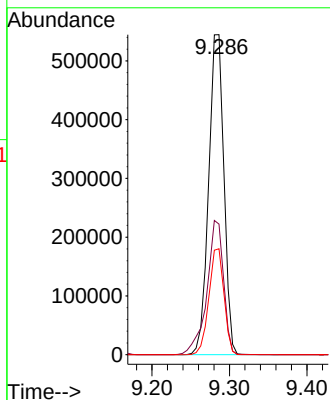
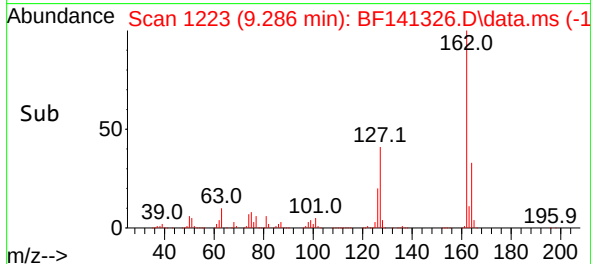
Instrument :
BNA_F
ClientSampleId :
PB166363BS



Tgt Ion:162 Resp: 745432
Ion Ratio Lower Upper
162 100
127 40.8 33.7 50.5
164 33.1 25.9 38.9

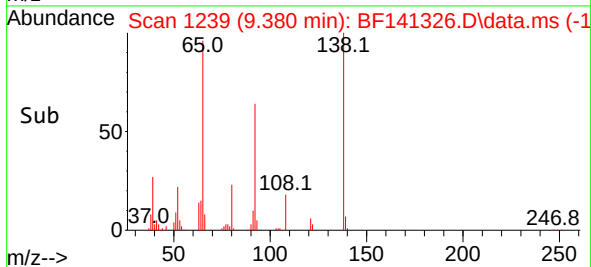
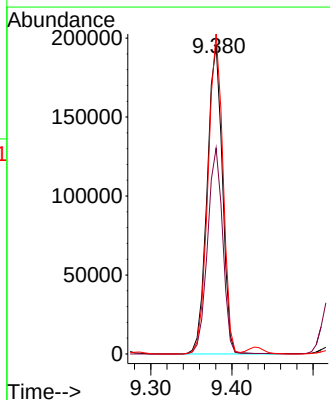
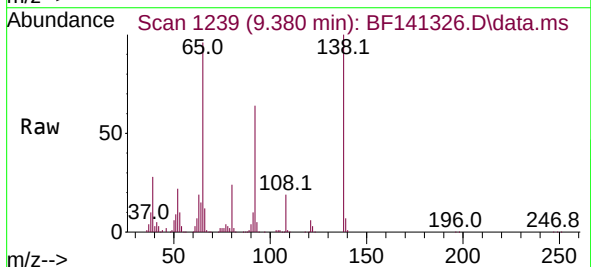
Manual Integrations
APPROVED

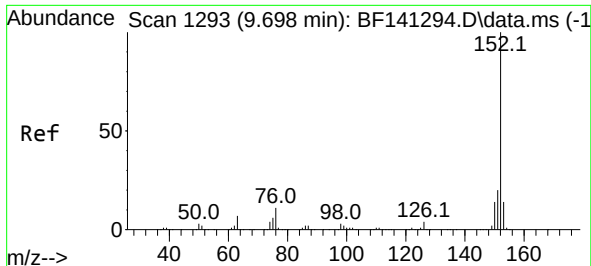
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 39.006 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

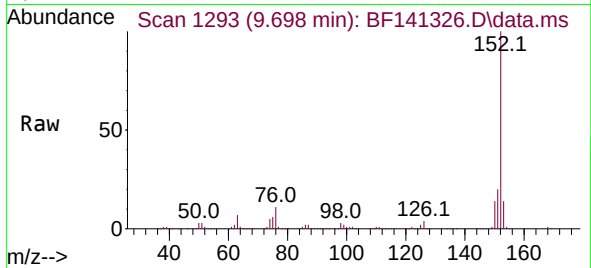
Tgt Ion: 65 Resp: 254788
Ion Ratio Lower Upper
65 100
92 66.7 53.3 79.9
138 103.7 83.6 125.4





#49
Acenaphthylene
Concen: 40.131 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

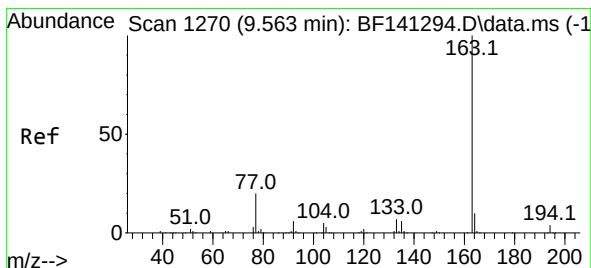
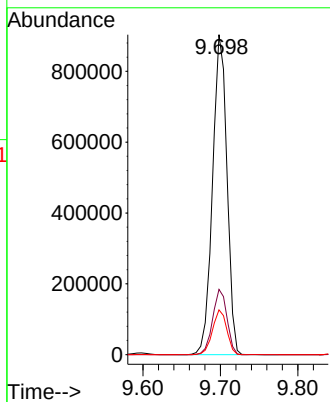
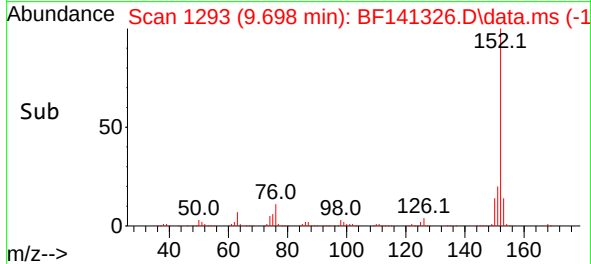
Instrument :
BNA_F
ClientSampleId :
PB166363BS



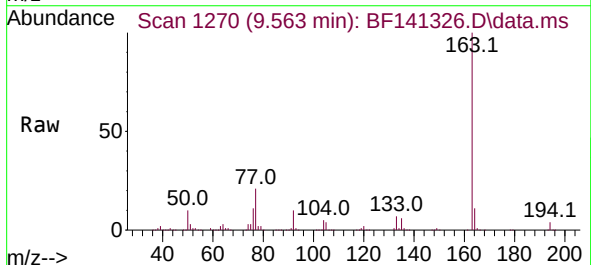
Tgt Ion:152 Resp: 1166629
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.0 11.0 16.6

Manual Integrations
APPROVED

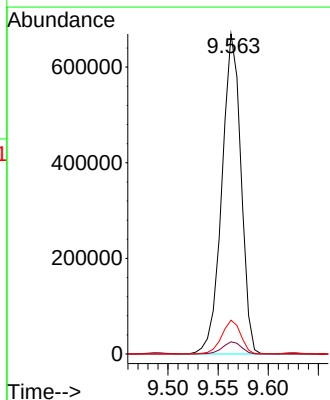
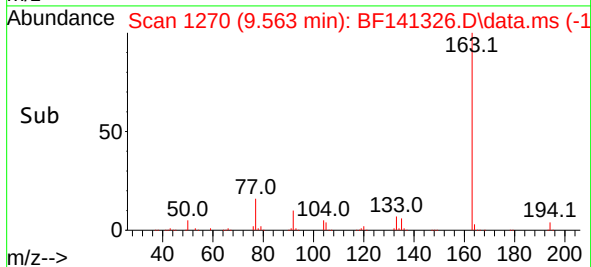
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

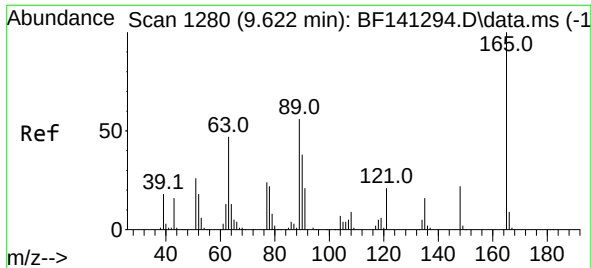


#50
Dimethylphthalate
Concen: 38.417 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:163 Resp: 886423
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

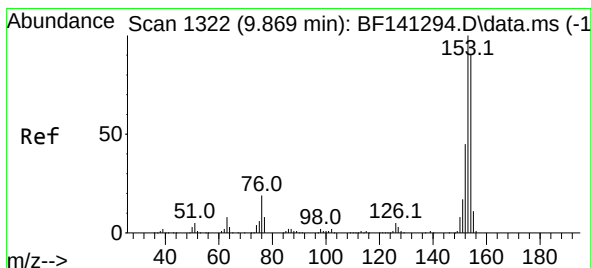
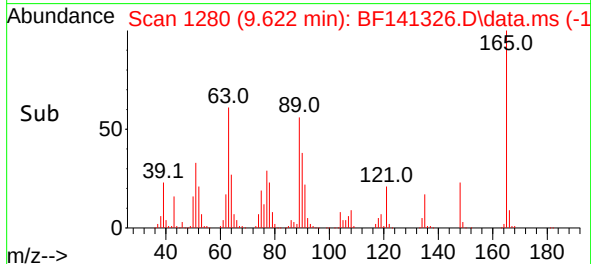
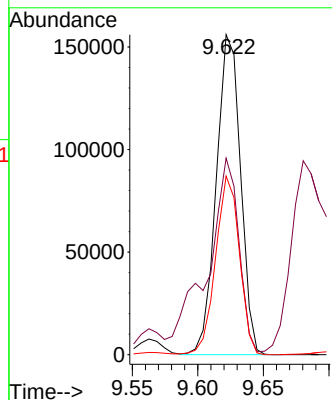
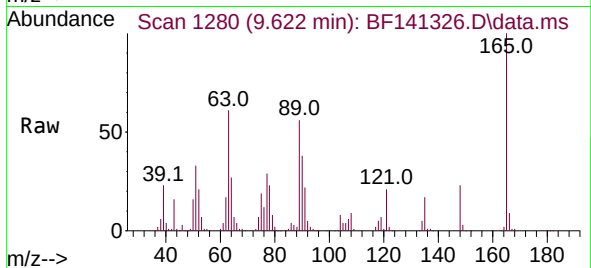
ClientSampleId :

PB166363BS

Tgt Ion:165 Resp: 20060
Ion Ratio Lower Upper
165 100
63 61.4 48.1 72.1
89 55.8 44.9 67.3

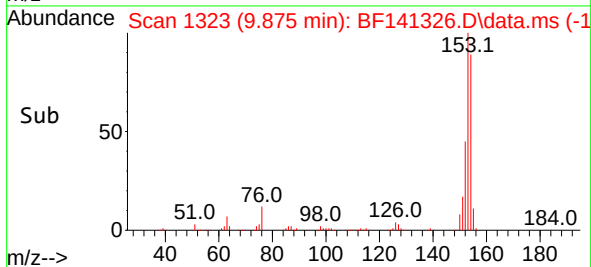
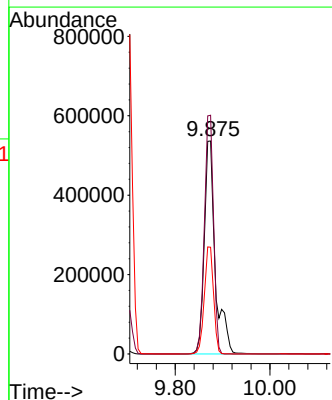
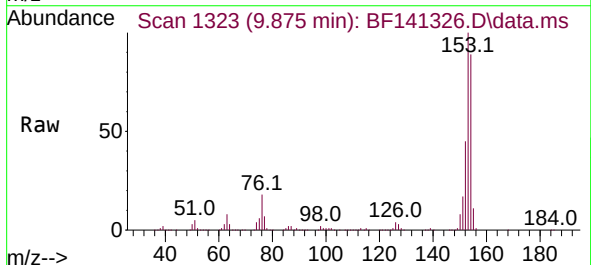
Manual Integrations
APPROVED

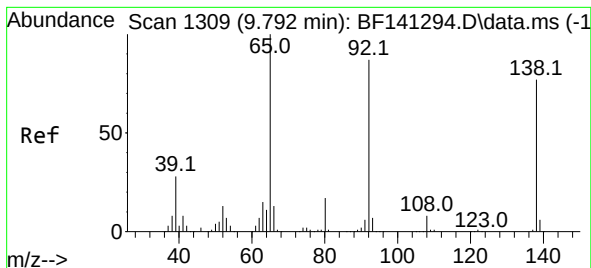
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 41.962 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 871464
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.4
152 50.1 40.2 60.4





#53

3-Nitroaniline

Concen: 20.511 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

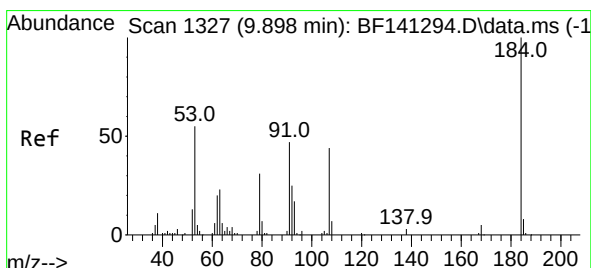
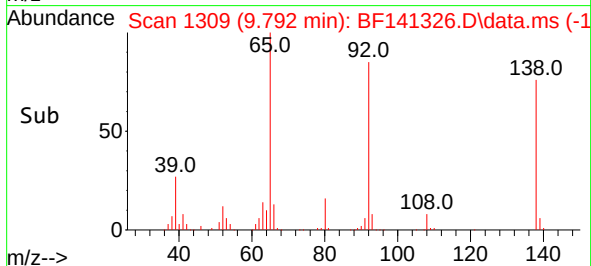
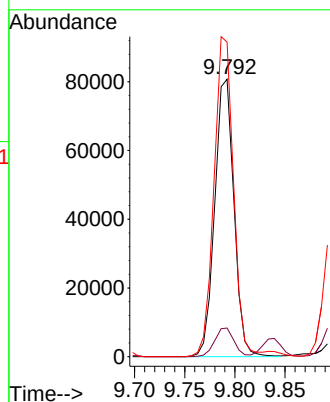
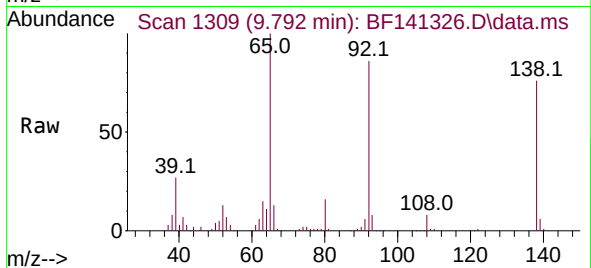
PB166363BS

Tgt Ion:	138	Resp:	107700
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.6	12.8
92	113.4	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: 93.602 ng

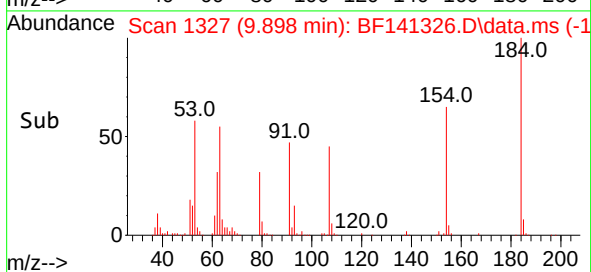
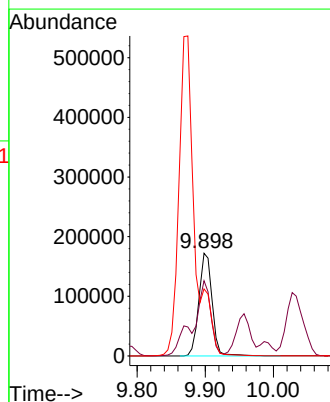
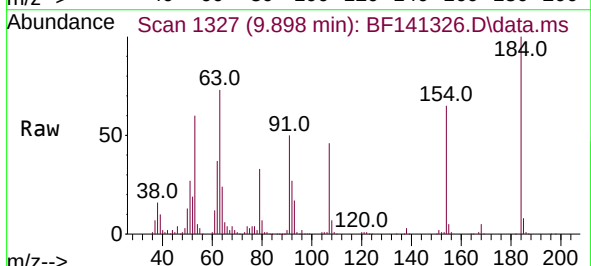
RT: 9.898 min Scan# 1327

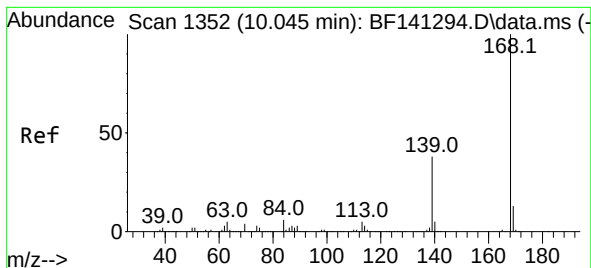
Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

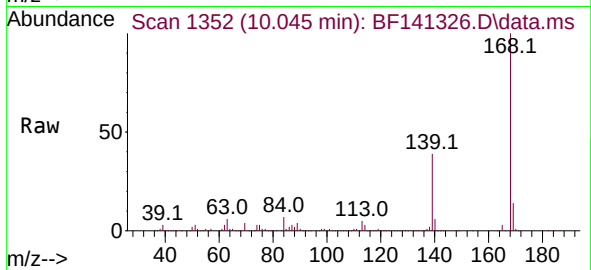
Tgt Ion:	184	Resp:	233111
Ion Ratio	Lower	Upper	
184	100		
63	73.2	54.1	81.1
154	65.2	50.7	76.1





#55
Dibenzenofuran
Concen: 37.742 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

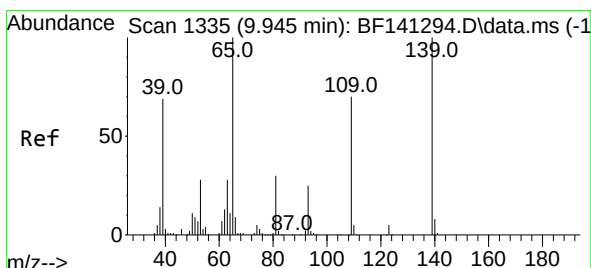
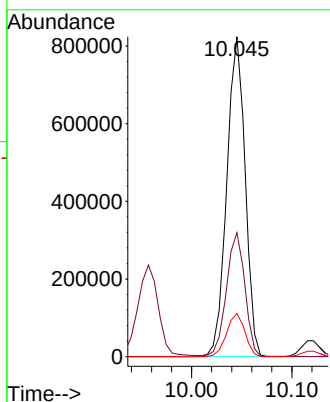
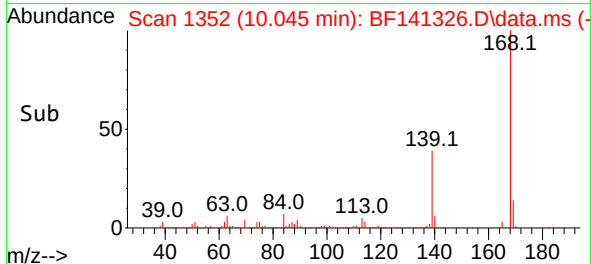
Instrument :
BNA_F
ClientSampleId :
PB166363BS



Tgt Ion:168 Resp: 104917
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 13.5 10.8 16.2

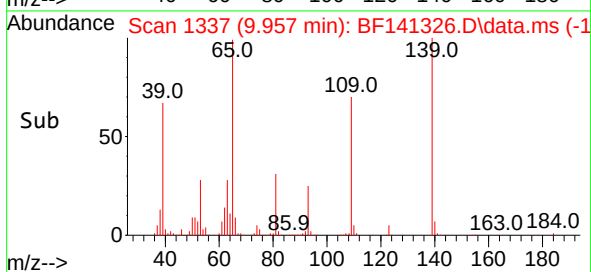
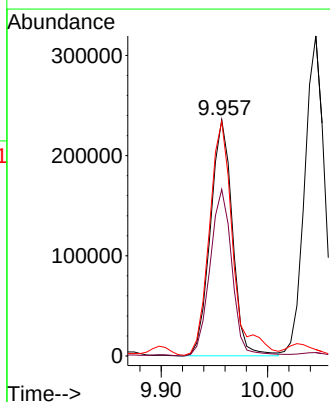
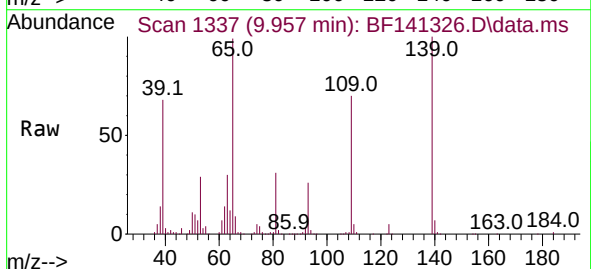
Manual Integrations
APPROVED

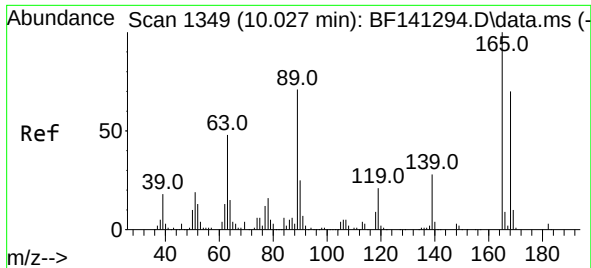
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 87.919 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 337626
Ion Ratio Lower Upper
139 100
109 70.5 50.2 90.2
65 99.2 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 39.763 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

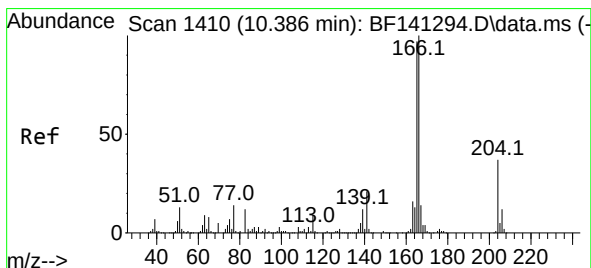
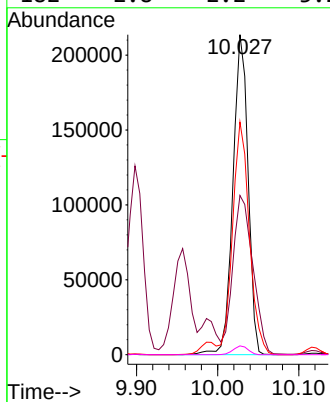
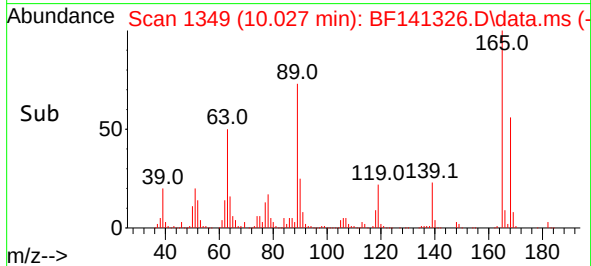
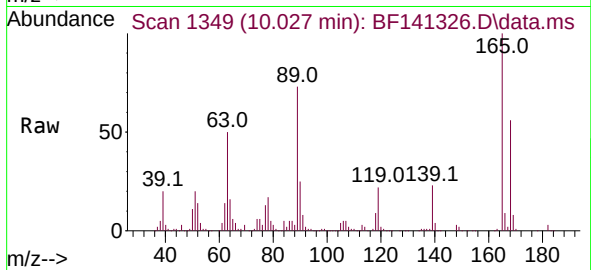
PB166363BS

Tgt Ion:165 Resp: 27581
Ion Ratio Lower Upper
165 100
63 49.8 39.2 58.8
89 72.7 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations

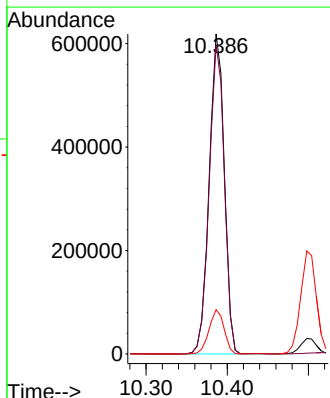
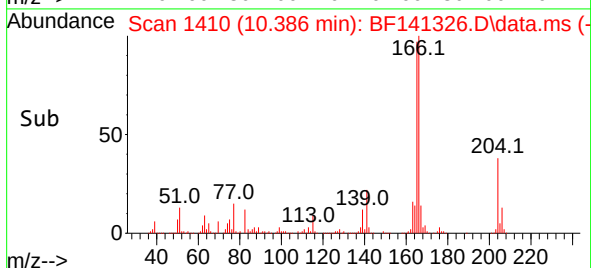
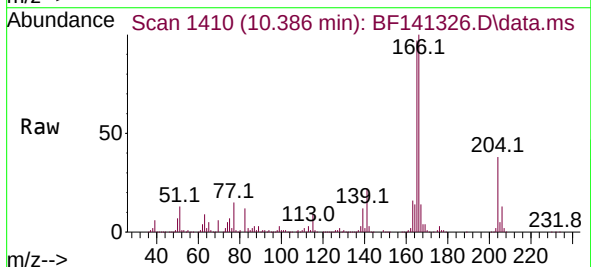
APPROVED

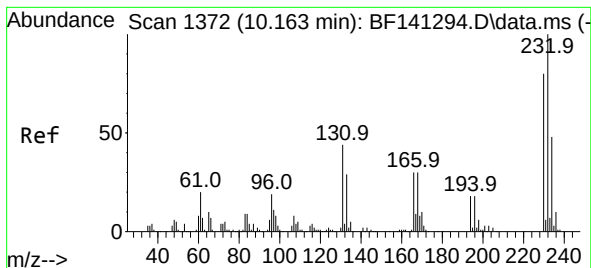
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 37.071 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

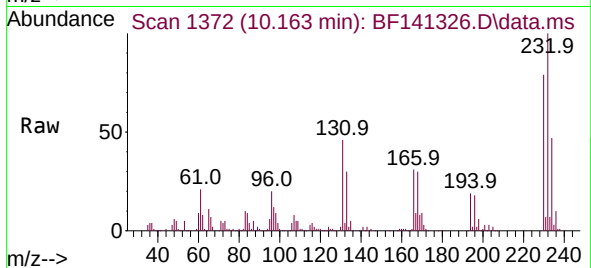
Tgt Ion:166 Resp: 799362
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.280 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

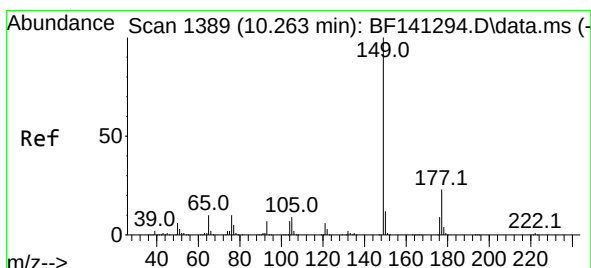
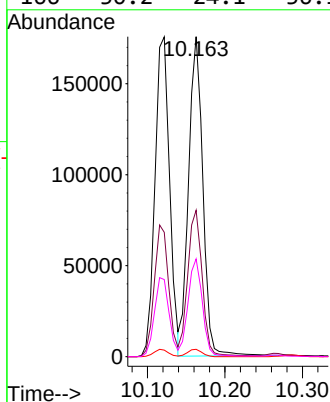
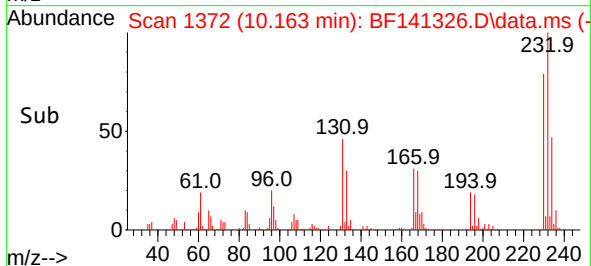
Instrument :
BNA_F
ClientSampleId :
PB166363BS



Tgt Ion:232 Resp: 224854
Ion Ratio Lower Upper
232 100
131 46.7 36.4 54.6
130 2.3 1.9 2.9
166 30.2 24.1 36.1

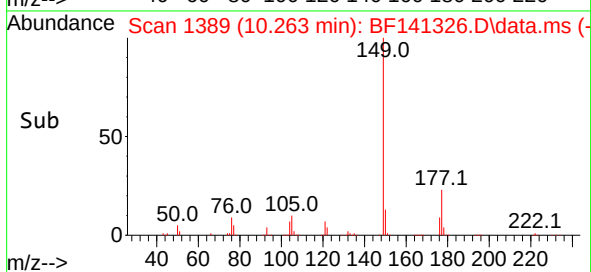
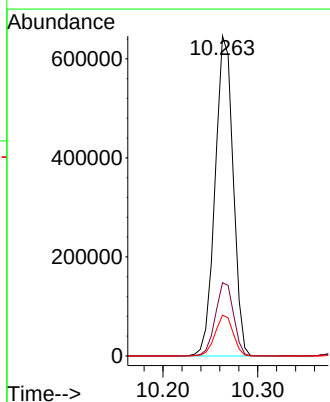
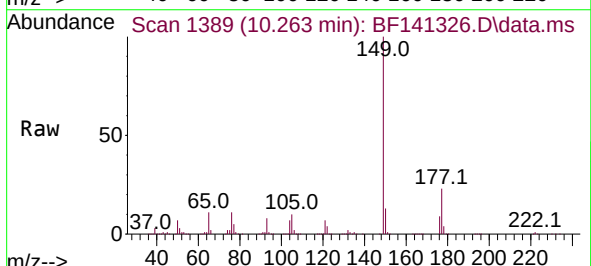
Manual Integrations
APPROVED

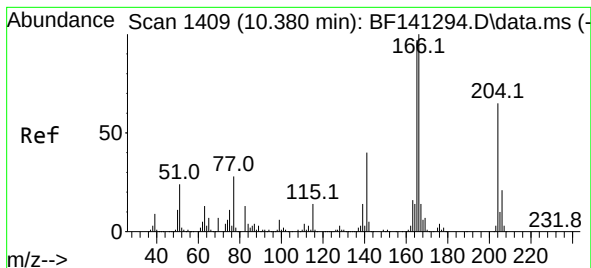
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 38.310 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 857103
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.8 10.0 15.0





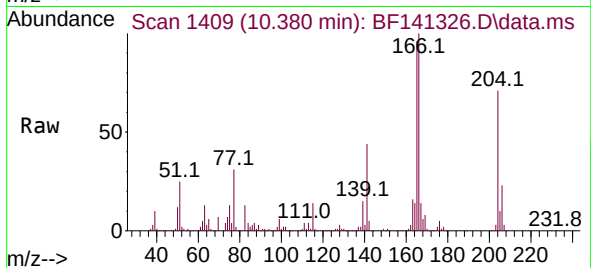
#61
4-Chlorophenyl-phenylether
Concen: 36.243 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

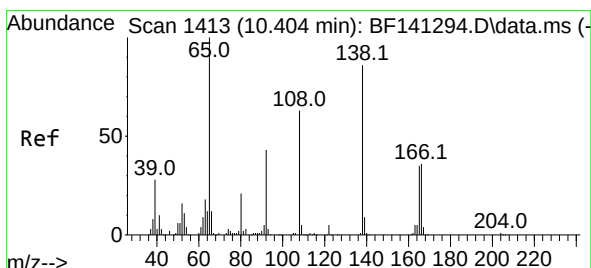
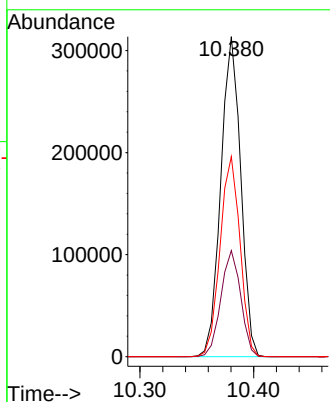
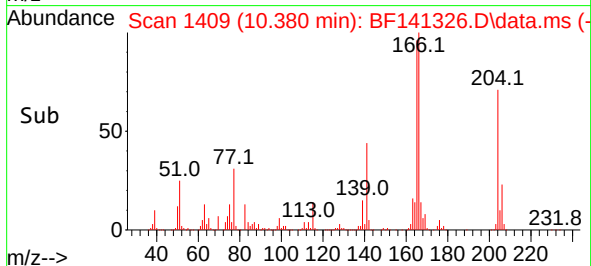


Tgt Ion:204 Resp: 381740
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 62.5 49.5 74.3

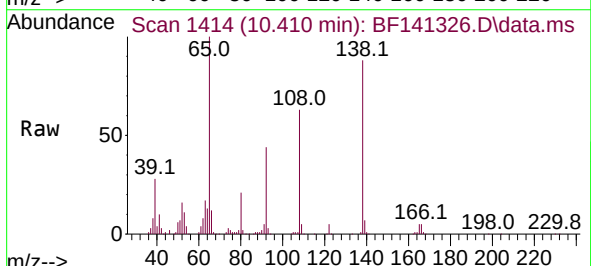
Manual Integrations

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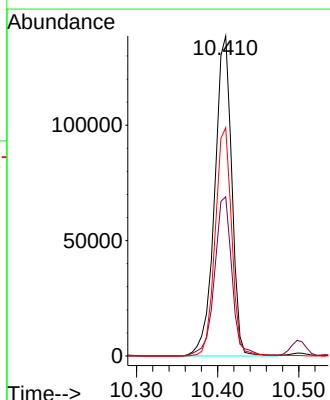
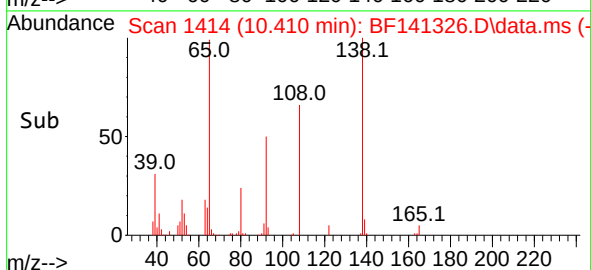
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

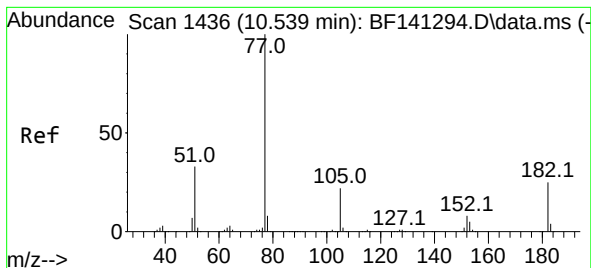


#62
4-Nitroaniline
Concen: 39.336 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:138 Resp: 203068
Ion Ratio Lower Upper
138 100
92 49.8 30.1 70.1
108 71.3 53.1 93.1





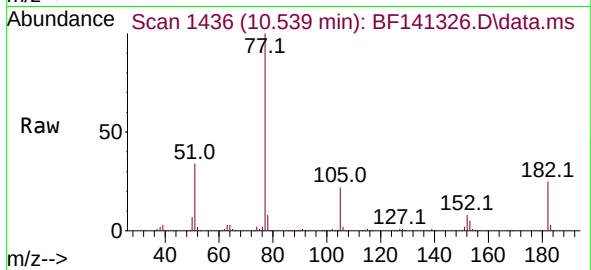
#63
Azobenzene
Concen: 39.082 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

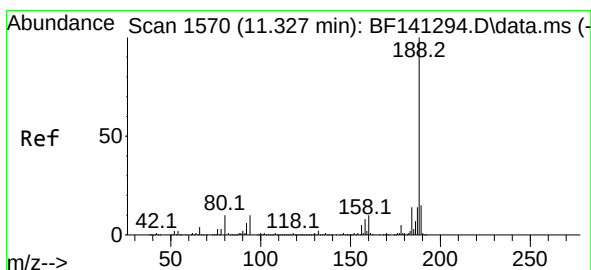
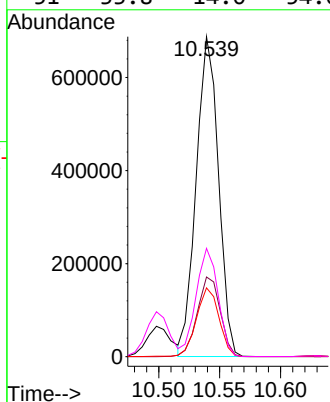
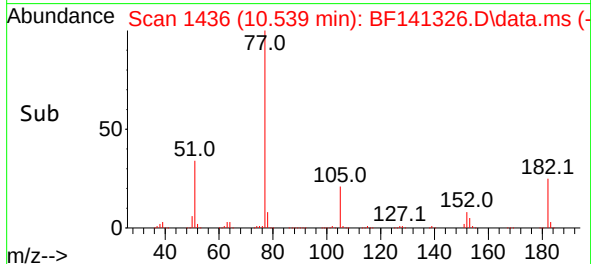


Tgt Ion: 77 Resp: 875230
Ion Ratio Lower Upper
77 100
182 24.9 5.1 45.1
105 21.5 1.8 41.8
51 33.8 14.0 54.0

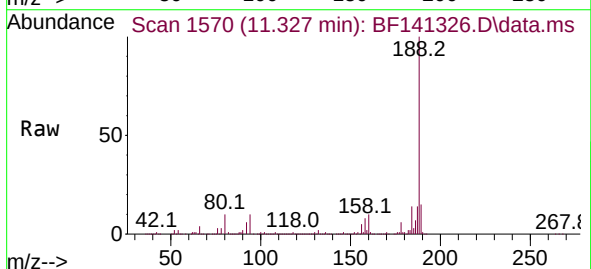
Manual Integrations

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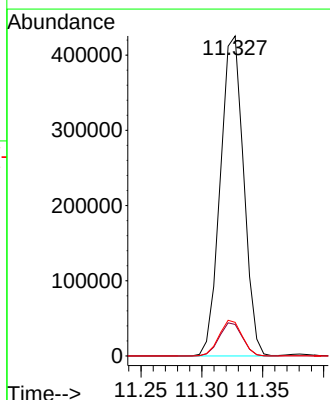
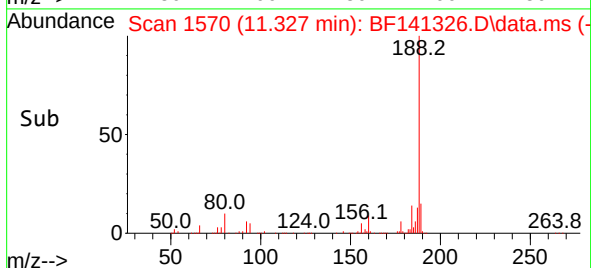
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

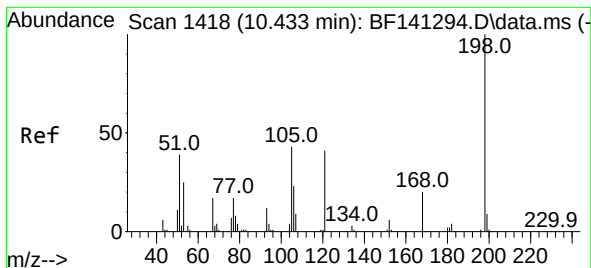


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:188 Resp: 567661
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.5 8.2 12.4





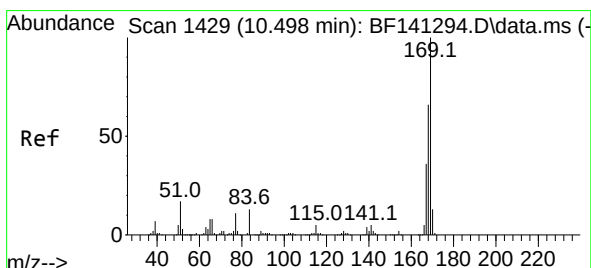
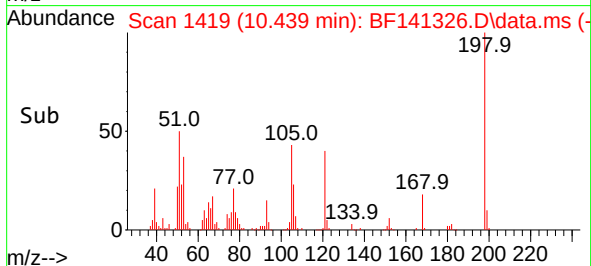
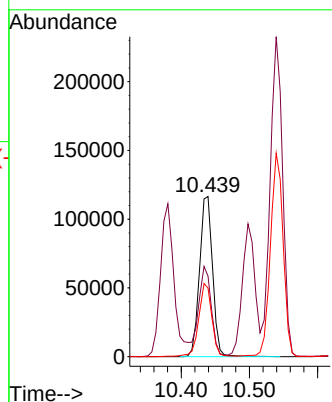
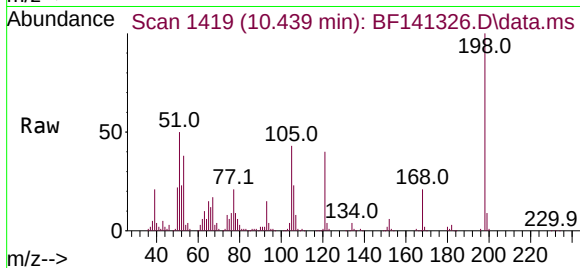
#65
4,6-Dinitro-2-methylphenol
Concen: 45.935 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:198 Resp: 15423
Ion Ratio Lower Upper
198 100
51 50.3 33.4 73.4
105 42.9 24.4 64.4

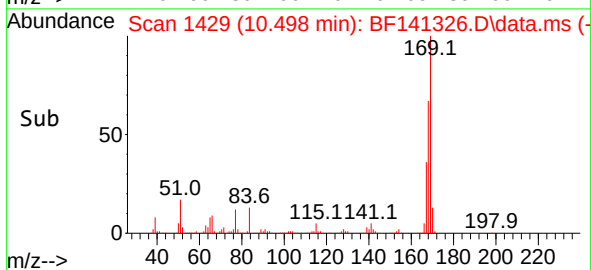
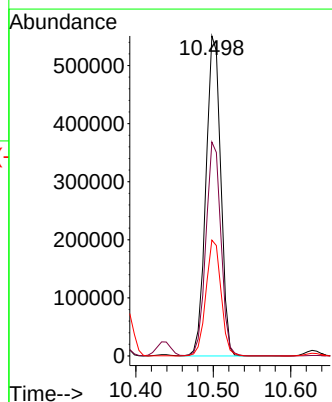
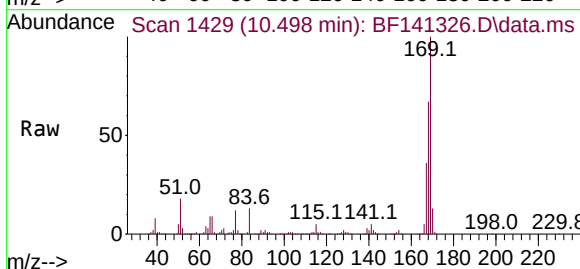
Manual Integrations
APPROVED

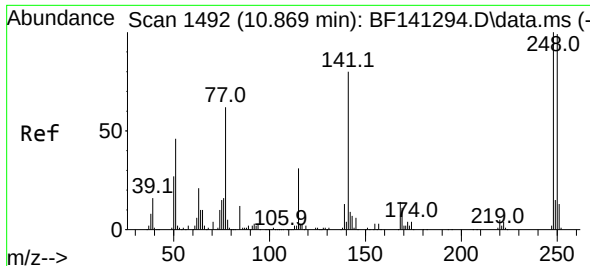
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 39.799 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

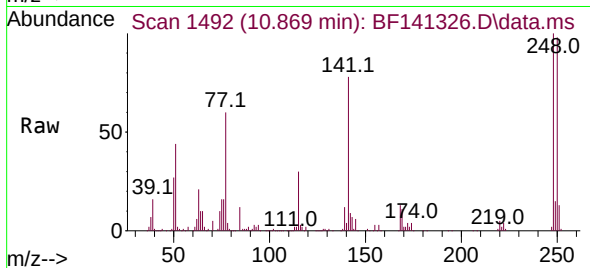
Tgt Ion:169 Resp: 730726
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 39.548 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

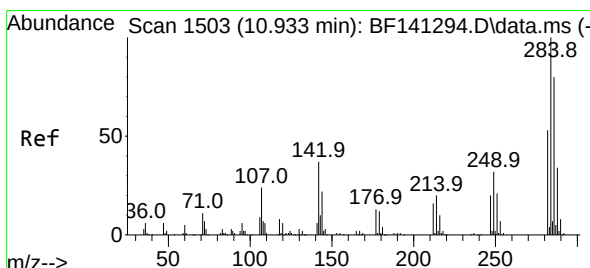
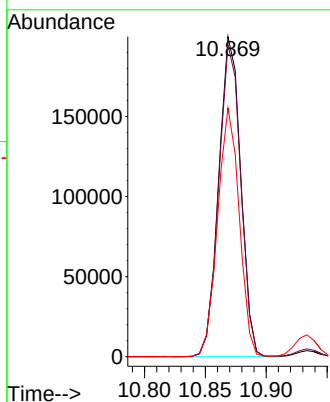
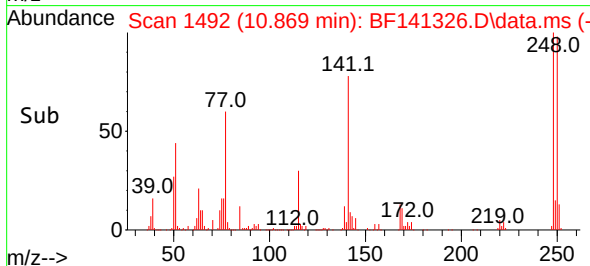
Instrument :
BNA_F
ClientSampleId :
PB166363BS



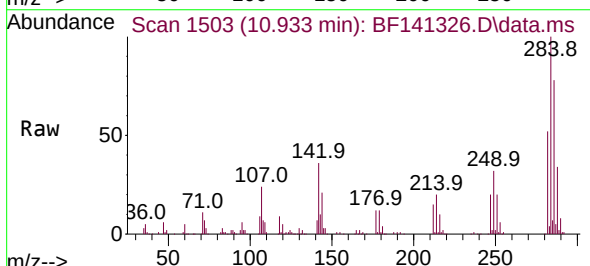
Tgt Ion:248 Resp: 251332
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 77.8 63.7 95.5

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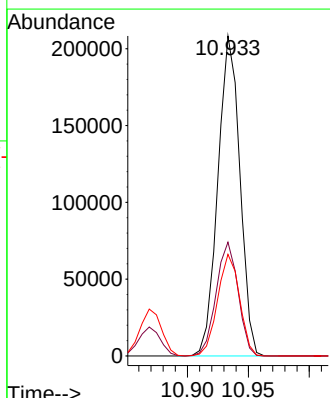
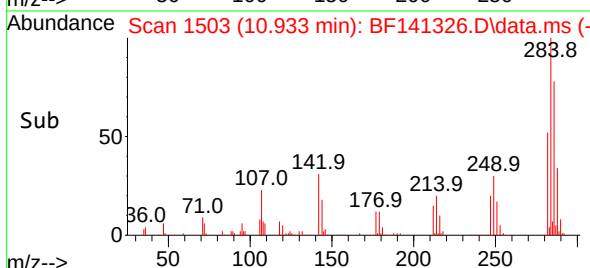
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

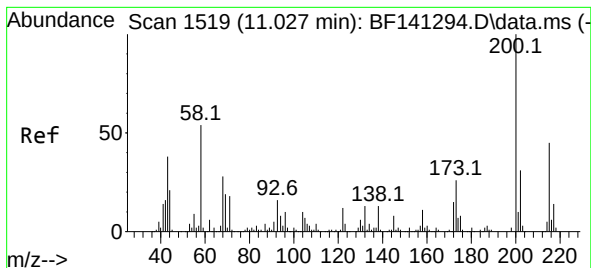


#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:284 Resp: 262205
Ion Ratio Lower Upper
284 100
142 35.5 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 45.789 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141326.D

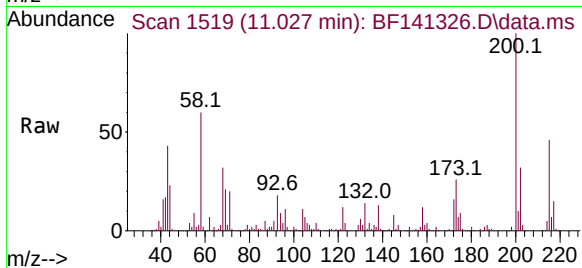
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

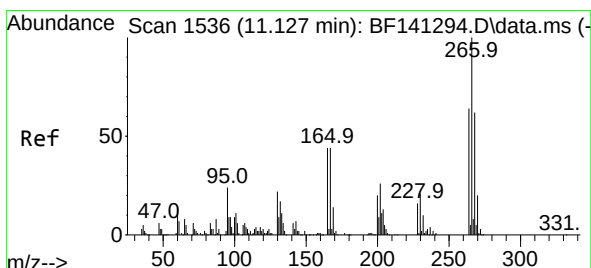
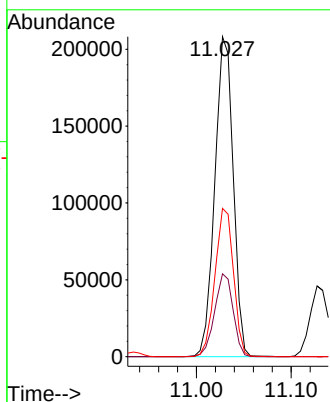
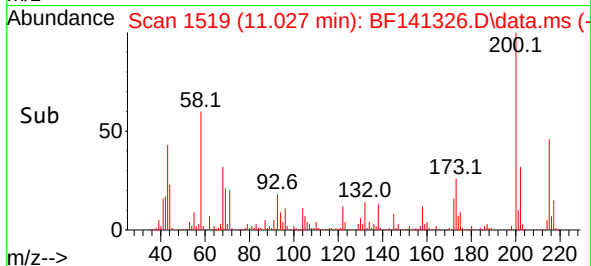


Tgt Ion:200	Resp: 281088
Ion Ratio	Lower Upper
200	100
173	25.9 5.9 45.9
215	46.4 25.2 65.2

Manual Integrations

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



#70

Pentachlorophenol

Concen: 84.175 ng

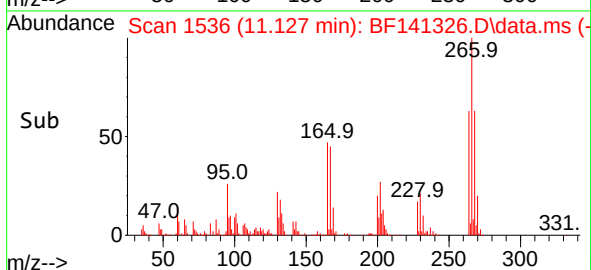
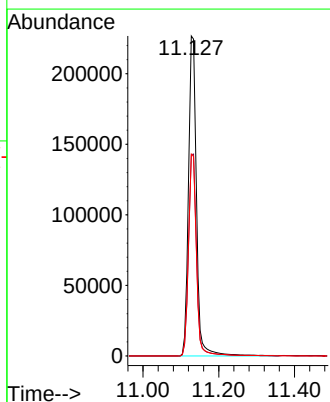
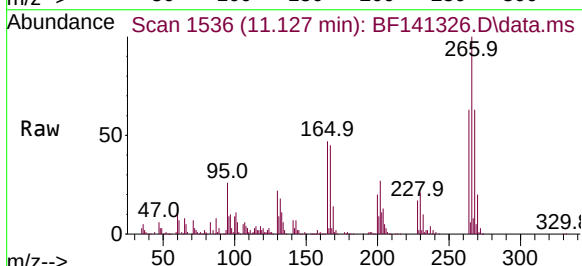
RT: 11.127 min Scan# 1536

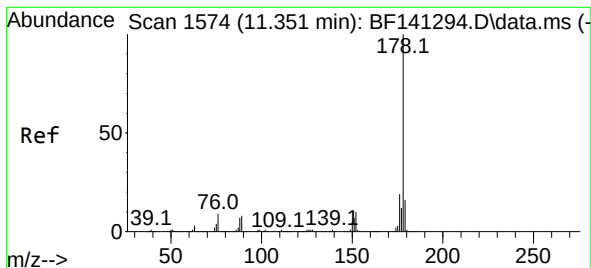
Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion:266	Resp: 332283
Ion Ratio	Lower Upper
266	100
268	62.9 49.9 74.9
264	63.1 51.0 76.4





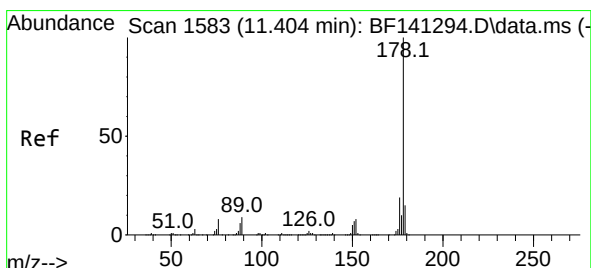
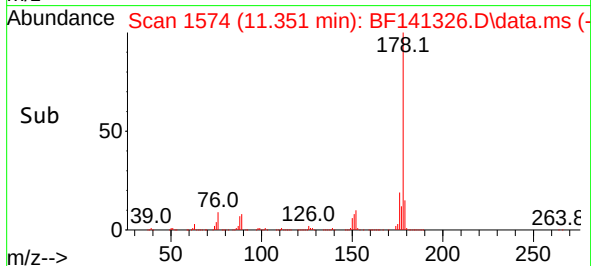
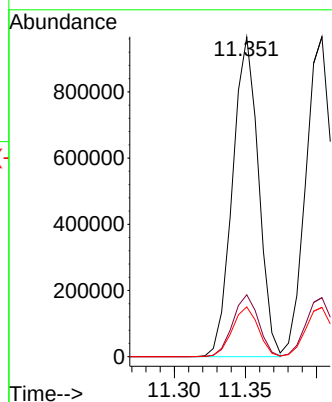
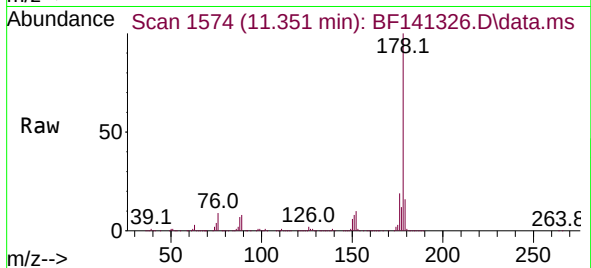
#71
Phenanthrene
Concen: 40.230 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:178 Resp: 1227588
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.5 18.7

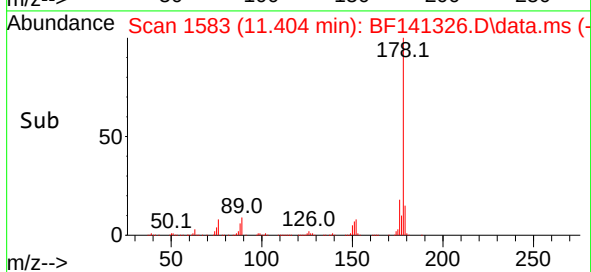
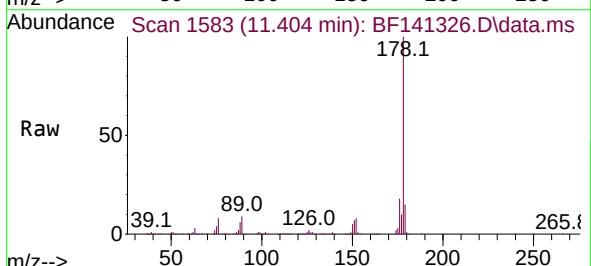
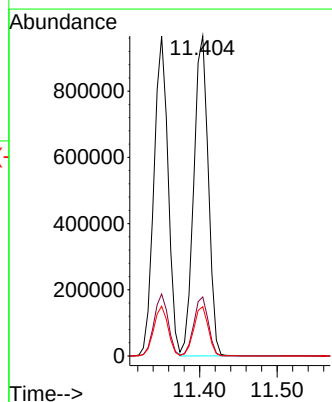
Manual Integrations
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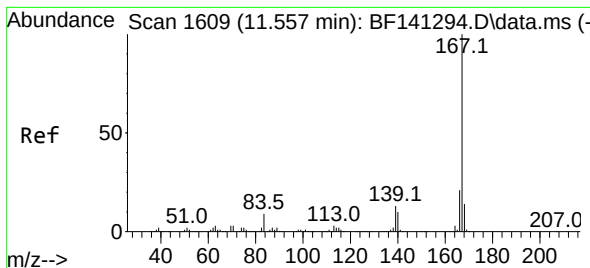
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 41.915 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

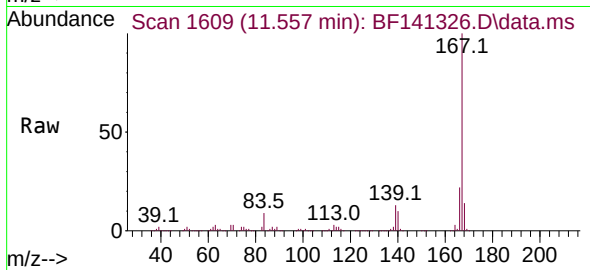
Tgt Ion:178 Resp: 1253177
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 40.941 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28

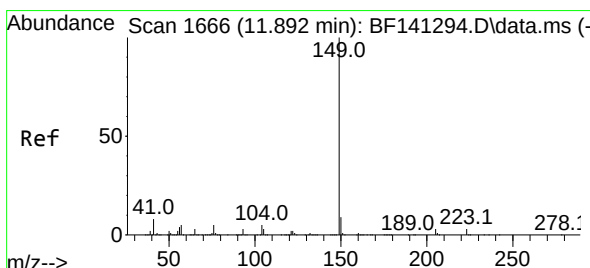
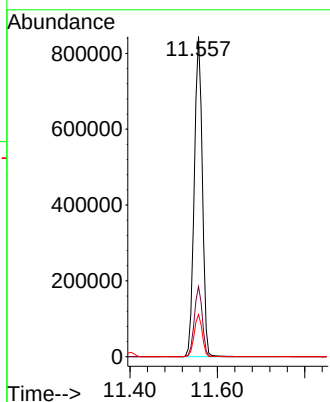
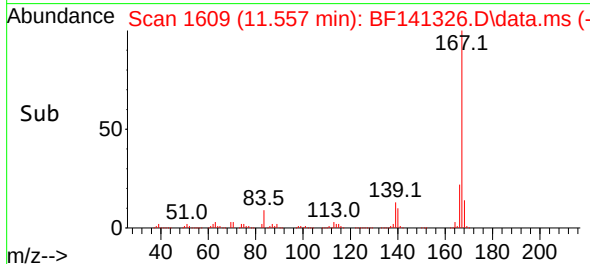
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BS



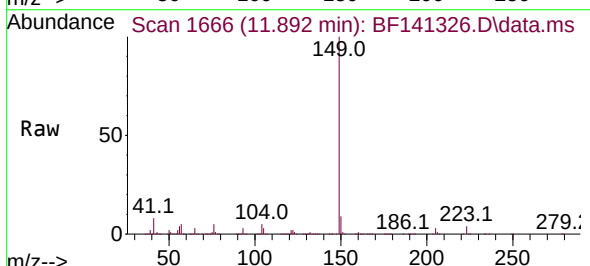
Tgt Ion:167 Resp: 108541
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.6 16.0

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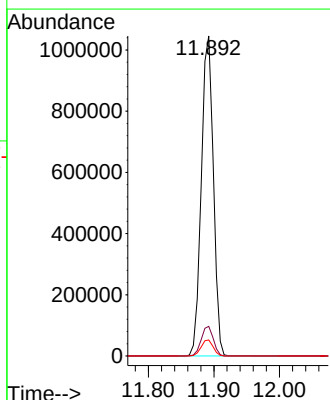
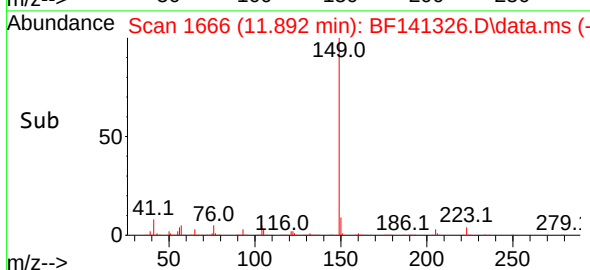
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

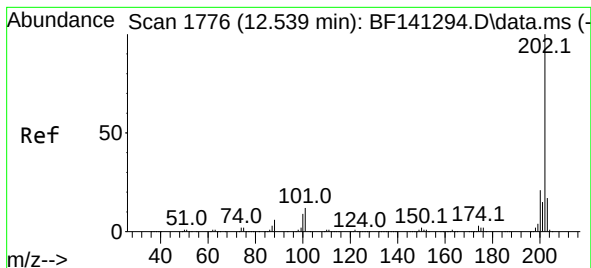


#74
 Di-n-butylphthalate
 Concen: 41.666 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141326.D
 Acq: 31 Jan 2025 12:28



Tgt Ion:149 Resp: 1338697
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 41.272 ng

RT: 12.539 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

Tgt Ion:202 Resp: 1243504

Ion Ratio Lower Upper

202 100

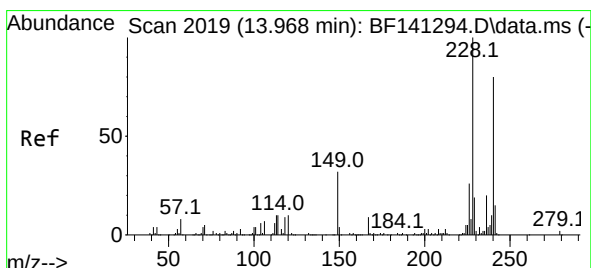
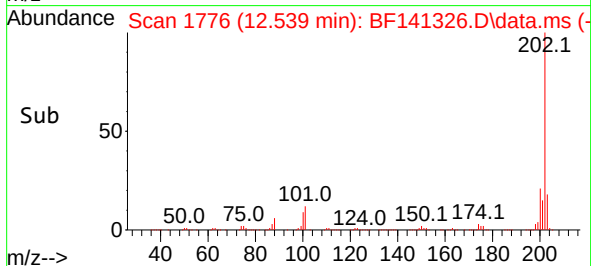
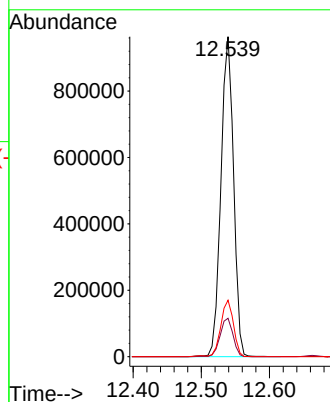
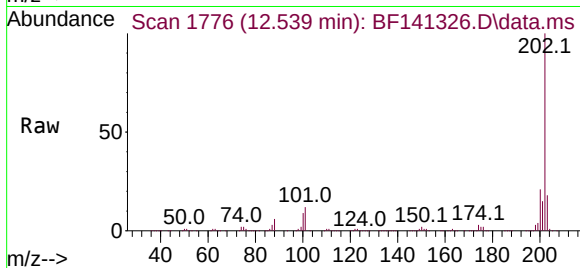
101 12.0 0.0 31.7

203 17.7 0.0 37.5

Manual Integrations

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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: BF141326.D

Acq: 31 Jan 2025 12:28

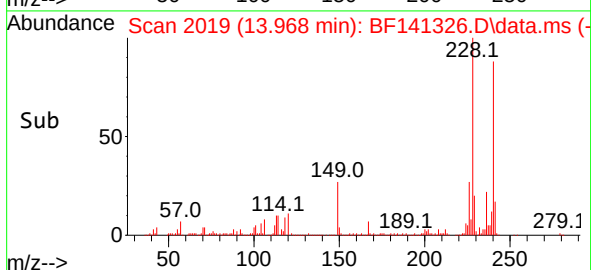
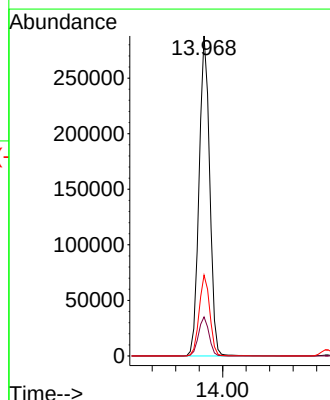
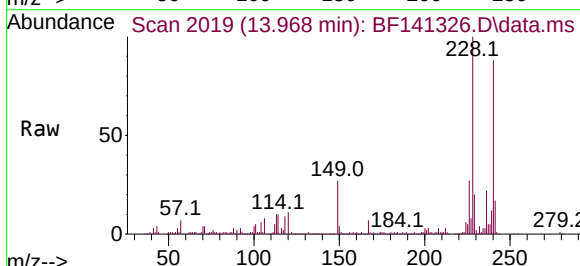
Tgt Ion:240 Resp: 360251

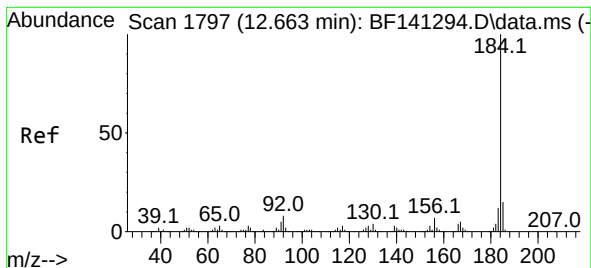
Ion Ratio Lower Upper

240 100

120 12.2 10.0 15.0

236 25.3 19.7 29.5





#77

Benzidine

Concen: 57.740 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

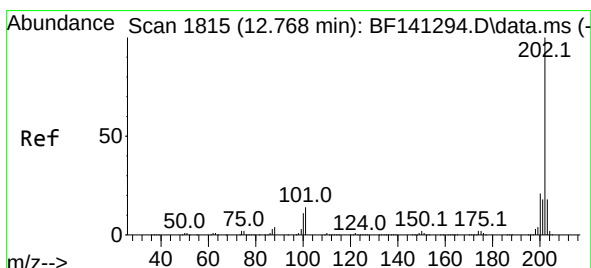
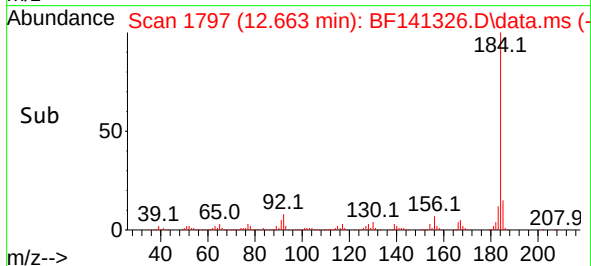
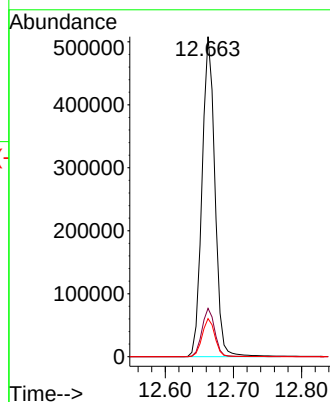
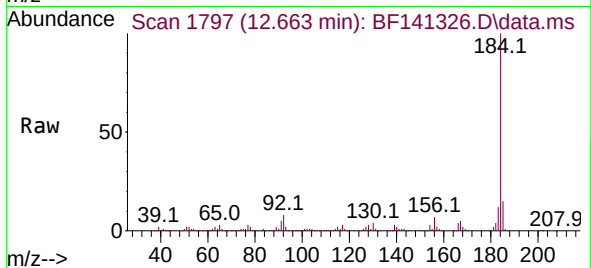
Tgt Ion:184 Resp: 666840

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.9	17.9
183	11.9	9.5	14.3

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 36.667 ng

RT: 12.768 min Scan# 1815

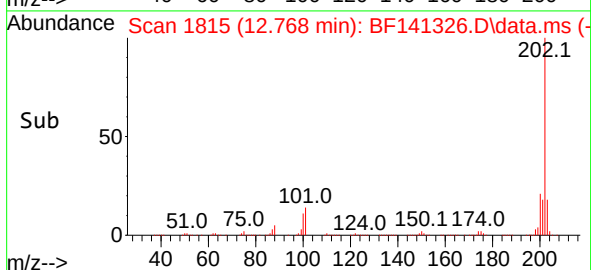
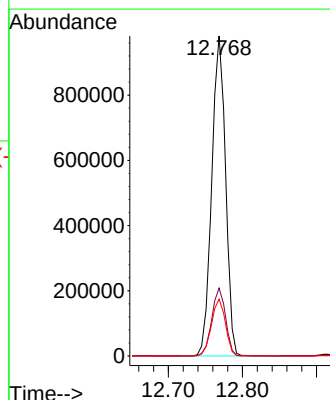
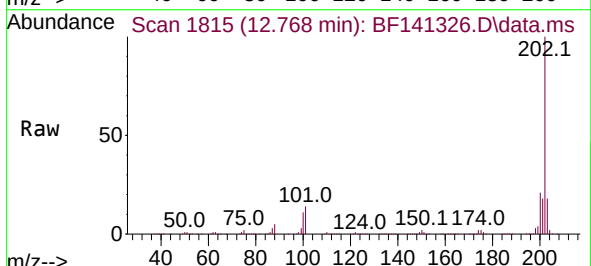
Delta R.T. -0.000 min

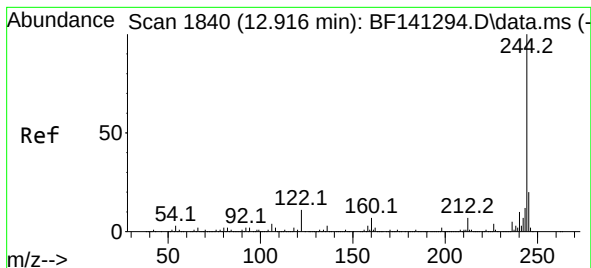
Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Tgt Ion:202 Resp: 1267965

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	14.3	21.5





#79

Terphenyl-d14

Concen: 82.328 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141326.D

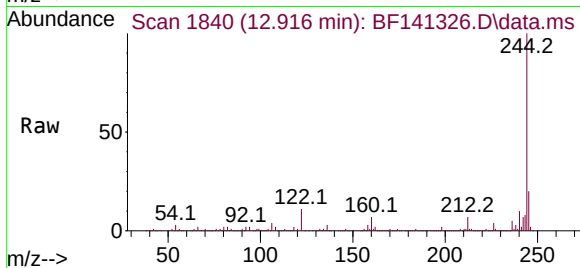
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS



Tgt Ion:244 Resp: 192316

Ion Ratio Lower Upper

244 100

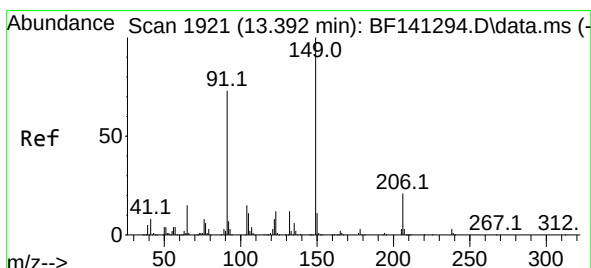
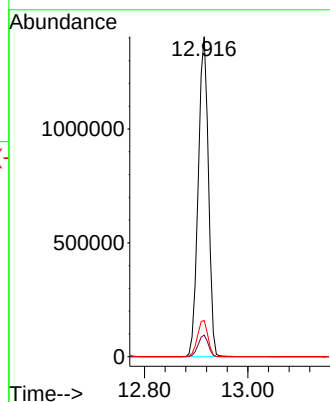
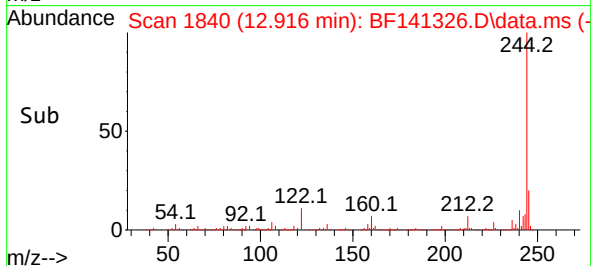
212 6.8 5.4 8.0

122 11.3 8.8 13.2

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 43.249 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

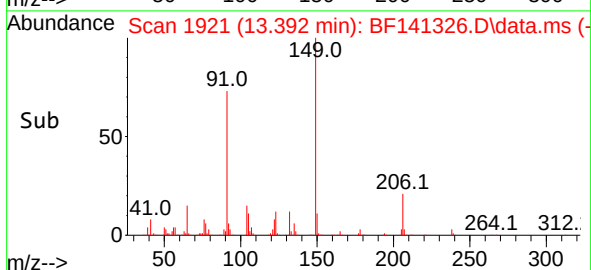
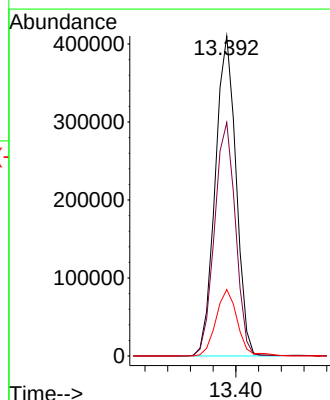
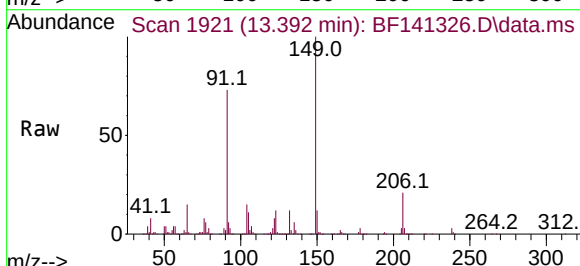
Tgt Ion:149 Resp: 522487

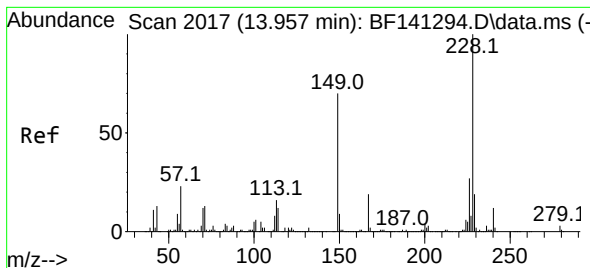
Ion Ratio Lower Upper

149 100

91 73.0 58.6 87.8

206 20.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 36.874 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141326.D

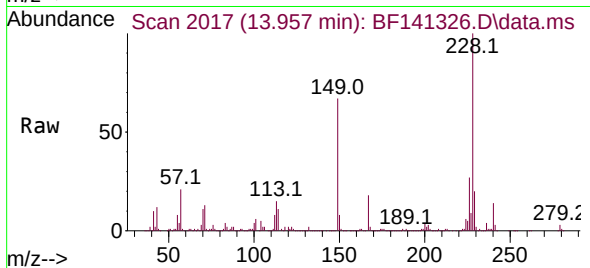
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS



Tgt Ion:228 Resp: 91665

Ion Ratio Lower Upper

228 100

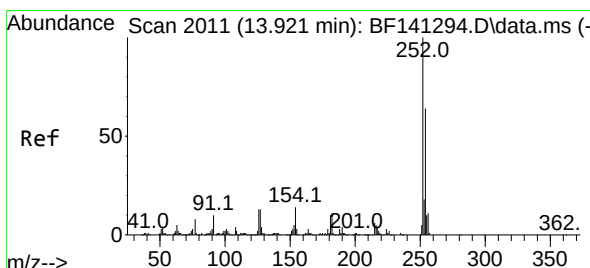
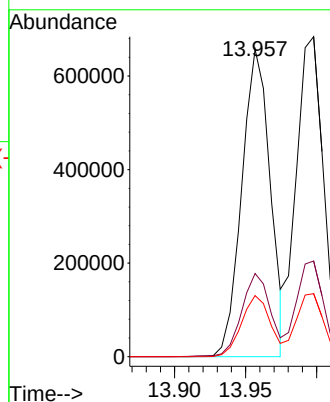
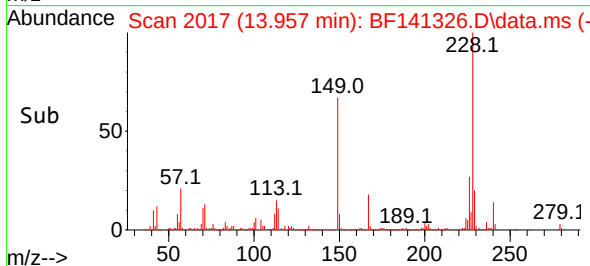
226 27.1 21.4 32.2

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: 18.609 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

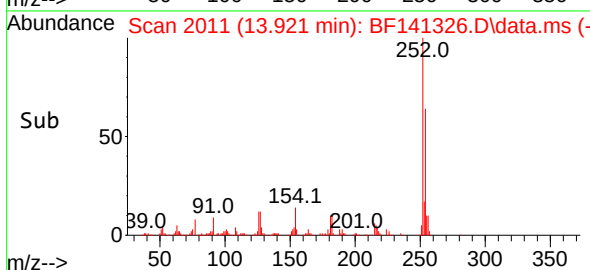
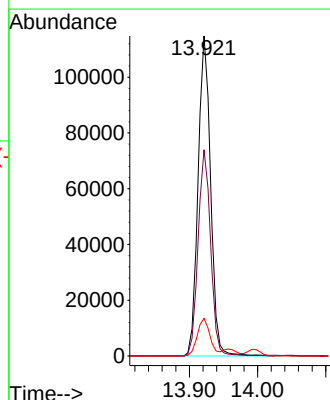
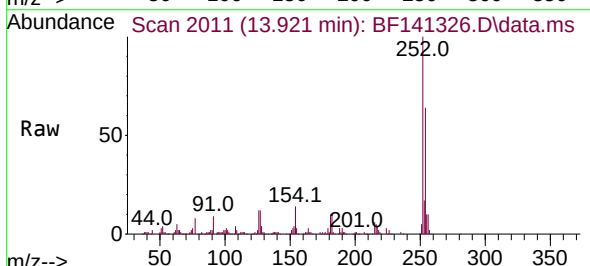
Tgt Ion:252 Resp: 147134

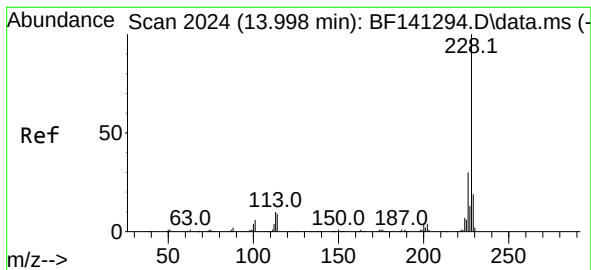
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 11.8 10.0 15.0





#83

Chrysene

Concen: 40.038 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

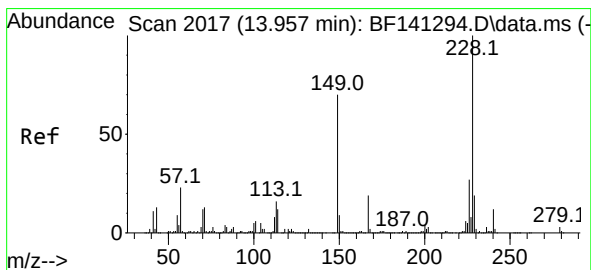
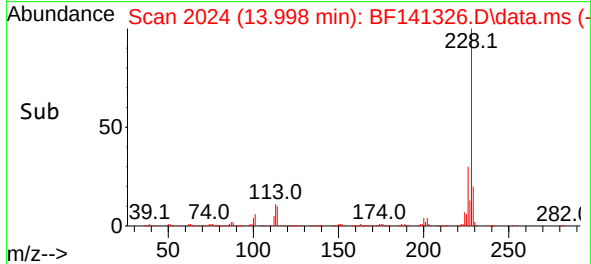
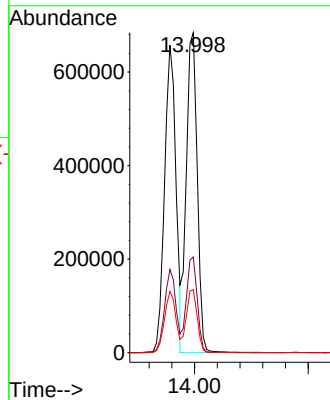
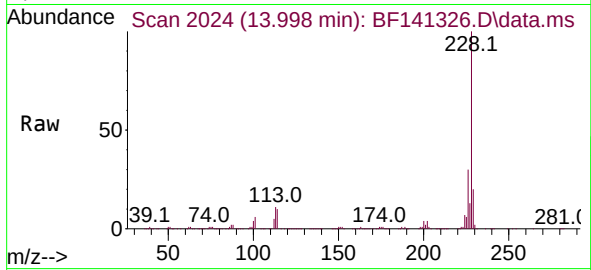
Tgt Ion:	228	Resp:	91217
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.219 ng

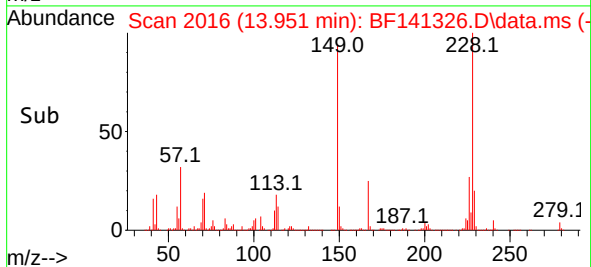
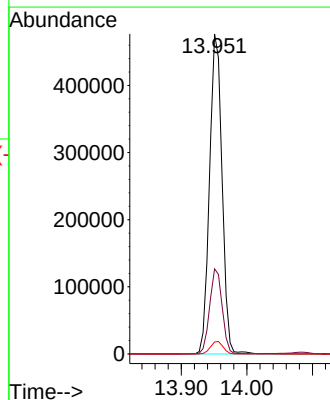
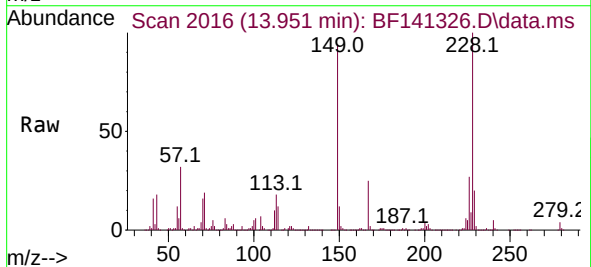
RT: 13.951 min Scan# 2016

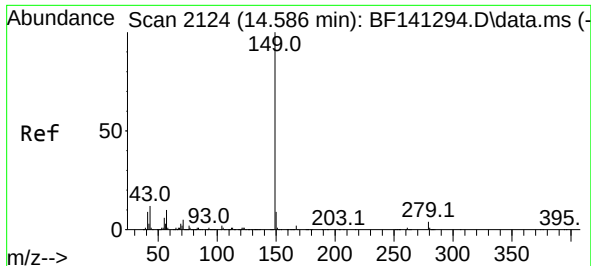
Delta R.T. -0.006 min

Lab File: BF141326.D

Acq: 31 Jan 2025 12:28

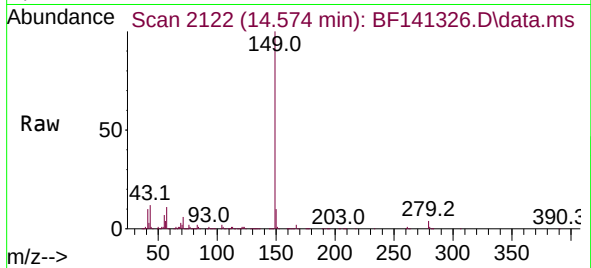
Tgt Ion:	149	Resp:	631697
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.8	32.8
279	3.8	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 42.094 ng
RT: 14.574 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

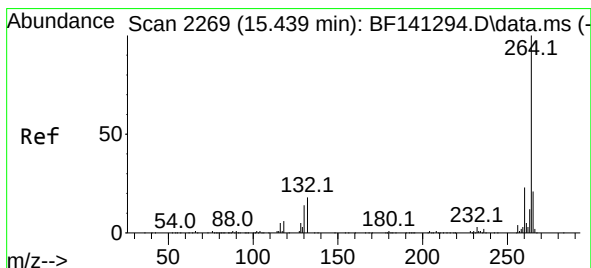
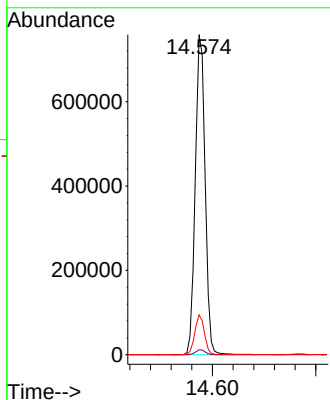
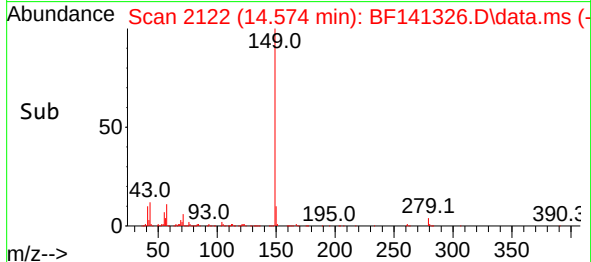
Instrument :
BNA_F
ClientSampleId :
PB166363BS



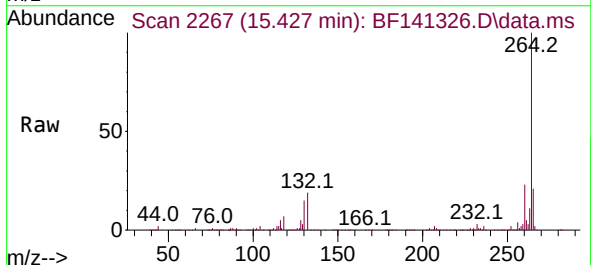
Tgt Ion:149 Resp: 1001969
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 9.8 14.8

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APPROVED

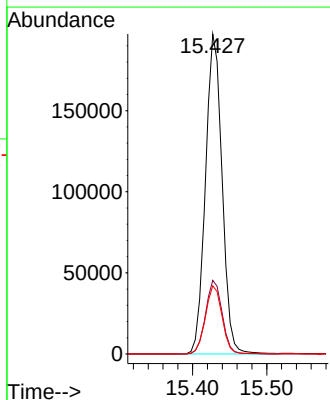
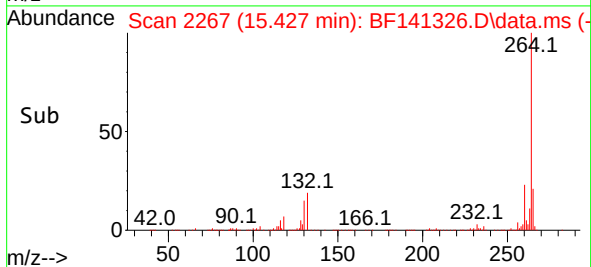
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

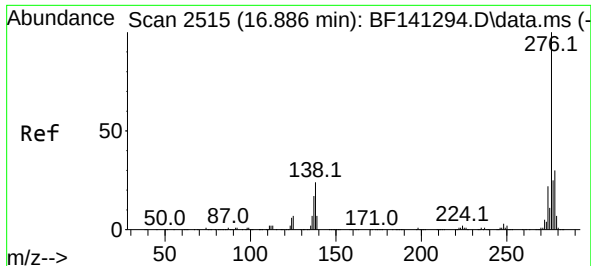


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:264 Resp: 306952
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.3 16.7 25.1





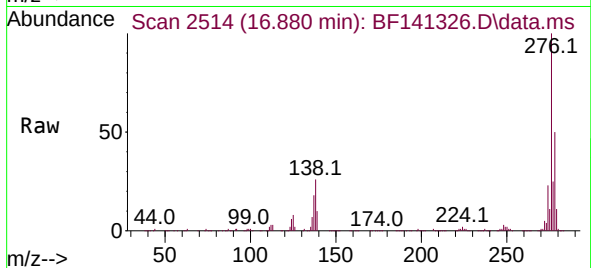
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.185 ng
RT: 16.880 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :

BNA_F

ClientSampleId :

PB166363BS

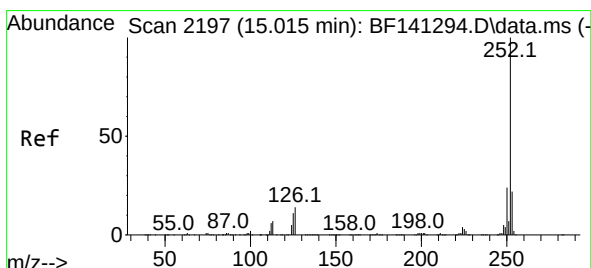
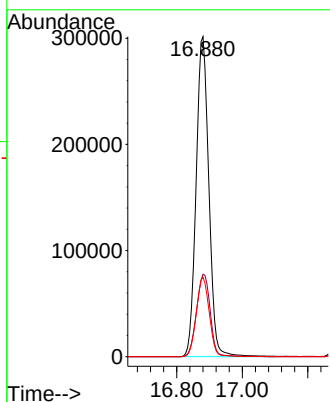
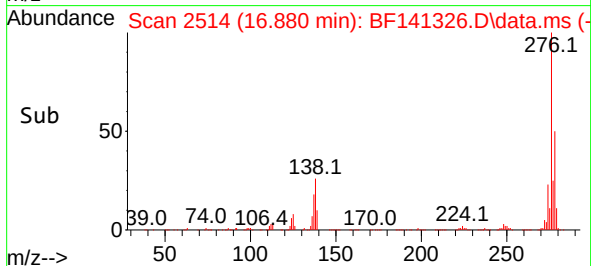


Tgt Ion:276 Resp: 815928
Ion Ratio Lower Upper
276 100
138 27.7 21.7 32.5
277 25.4 20.3 30.5

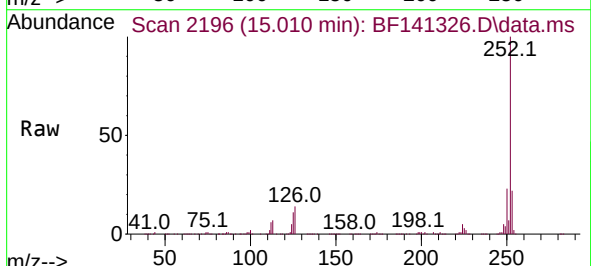
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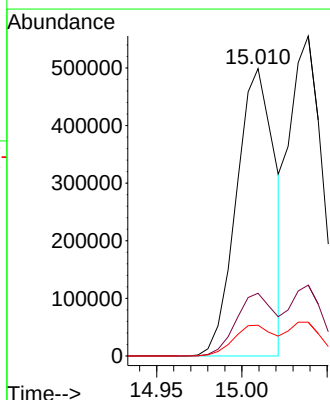
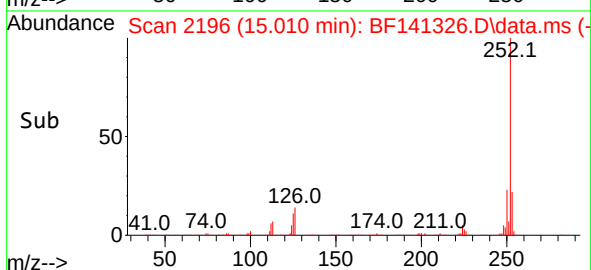
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

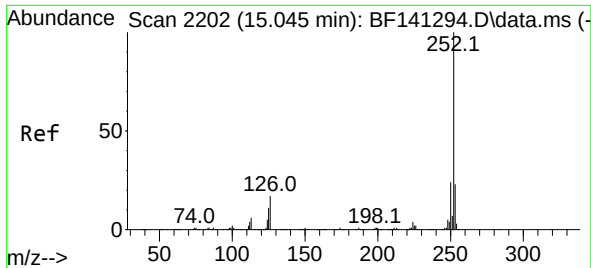


#88
Benzo(b)fluoranthene
Concen: 40.272 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28



Tgt Ion:252 Resp: 777569
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.7 8.6 12.8





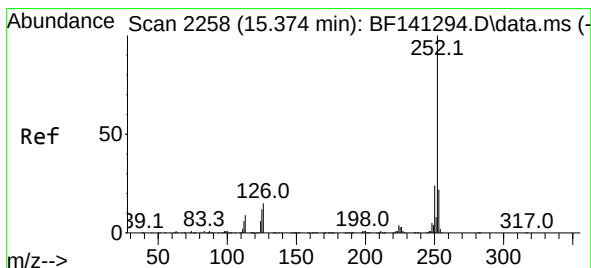
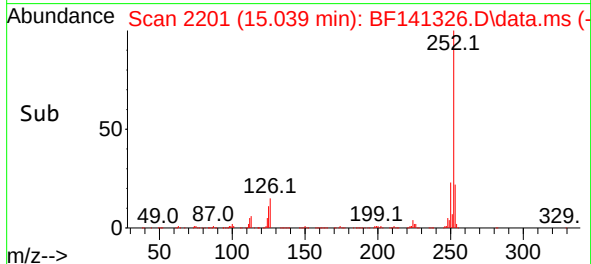
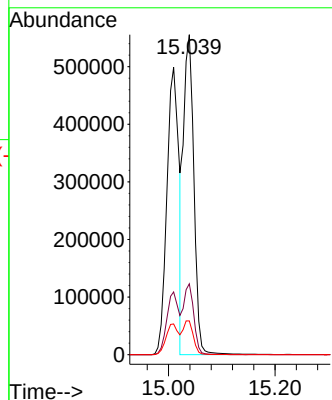
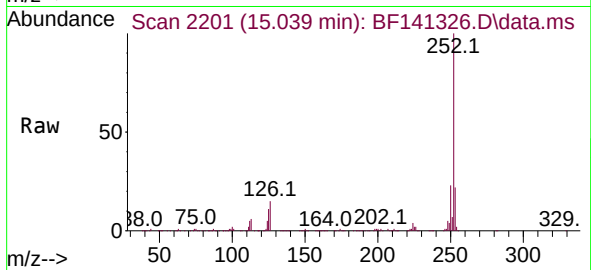
#89
Benzo(k)fluoranthene
Concen: 44.103 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:252 Resp: 75436
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 8.4 12.6

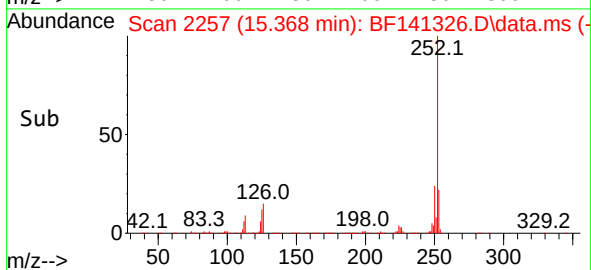
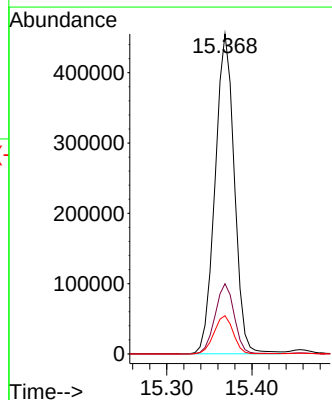
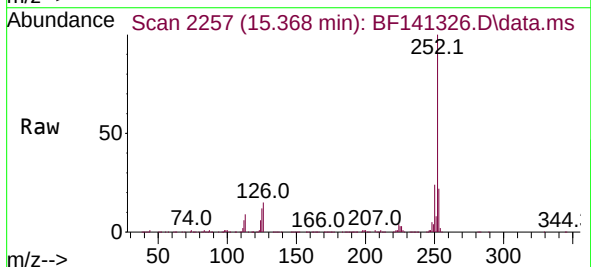
Manual Integrations
APPROVED

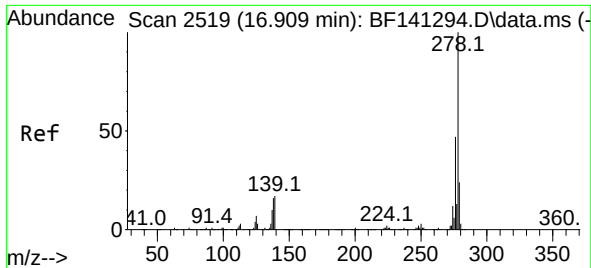
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 43.735 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 713591
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.9 9.4 14.2





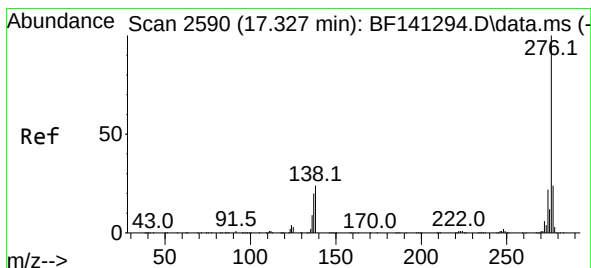
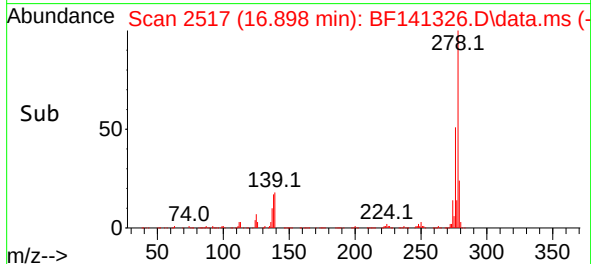
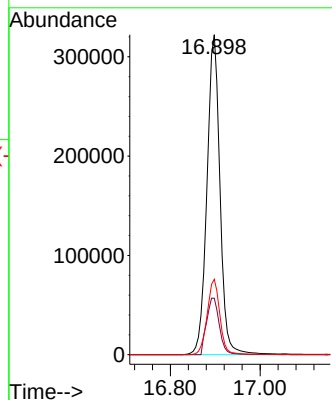
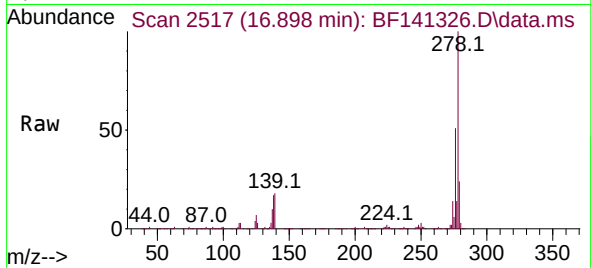
#91
Dibenzo(a,h)anthracene
Concen: 40.839 ng
RT: 16.898 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:278 Resp: 65092
Ion Ratio Lower Upper
278 100
139 17.7 13.9 20.9
279 23.6 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: 38.467 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:276 Resp: 637520
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 23.9 19.0 28.4

