

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141410.D
 Acq On : 04 Feb 2025 15:58
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 04 17:19:20 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	6.792	152	89972	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	349697	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	187729	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	325046	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	235785	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	203742	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	461991	78.830	ng	0.00
7) Phenol-d6	6.434	99	565803	75.891	ng	0.00
23) Nitrobenzene-d5	7.357	82	542962	81.851	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	154436	89.734	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	996571	81.709	ng	-0.01
79) Terphenyl-d14	12.904	244	1157717	75.722	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	96236	37.338	ng	98
3) Pyridine	3.175	79	227442	36.624	ng	95
4) n-Nitrosodimethylamine	3.134	42	148075m	41.739	ng	
6) Aniline	6.451	93	231086	36.617	ng	# 24
8) 2-Chlorophenol	6.581	128	246203	39.195	ng	97
9) Benzaldehyde	6.340	77	182303	42.215	ng	99
10) Phenol	6.445	94	294371	37.247	ng	# 67
11) bis(2-Chloroethyl)ether	6.528	93	226600	37.395	ng	98
12) 1,3-Dichlorobenzene	6.728	146	275749	39.813	ng	99
13) 1,4-Dichlorobenzene	6.810	146	279491	40.169	ng	99
14) 1,2-Dichlorobenzene	6.963	146	260169	39.932	ng	98
15) Benzyl Alcohol	6.934	79	212366	41.681	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	375805	35.664	ng	81
17) 2-Methylphenol	7.057	107	194281	38.055	ng	# 91
18) Hexachloroethane	7.304	117	103872	40.467	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	169782	38.325	ng	99
20) 3+4-Methylphenols	7.204	107	251134	40.064	ng	91
22) Acetophenone	7.198	105	345559	41.572	ng	# 98
24) Nitrobenzene	7.375	77	275017	40.006	ng	100
25) Isophorone	7.610	82	447558	39.031	ng	98
26) 2-Nitrophenol	7.692	139	134199	41.393	ng	98
27) 2,4-Dimethylphenol	7.734	122	159583m	38.672	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	278158	38.030	ng	98
29) 2,4-Dichlorophenol	7.939	162	204485	40.477	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	235617	40.839	ng	99
31) Naphthalene	8.098	128	733327	39.696	ng	99
32) Benzoic acid	7.851	122	160931	42.423	ng	95
33) 4-Chloroaniline	8.145	127	222768	35.561	ng	99
34) Hexachlorobutadiene	8.210	225	145800	43.093	ng	99
35) Caprolactam	8.516	113	65085	39.448	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	223256	41.200	ng	95
37) 2-Methylnaphthalene	8.786	142	471006	40.115	ng	100
38) 1-Methylnaphthalene	8.886	142	459817	39.867	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	220482	41.284	ng	100
41) Hexachlorocyclopentadiene	8.939	237	69619	44.139	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	144492	41.335	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	157526	41.404	ng	100
46) 1,1'-Biphenyl	9.251	154	583575	39.860	ng	98
47) 2-Chloronaphthalene	9.275	162	451544	39.569	ng	99
48) 2-Nitroaniline	9.375	65	148678	41.421	ng	98
49) Acenaphthylene	9.692	152	645795	40.428	ng	100
50) Dimethylphthalate	9.557	163	510098	40.231	ng	100
51) 2,6-Dinitrotoluene	9.616	165	120960	41.088	ng	99
52) Acenaphthene	9.863	154	469576	41.148	ng	98
53) 3-Nitroaniline	9.786	138	117193	40.616	ng	99
54) 2,4-Dinitrophenol	9.892	184	65781	48.068	ng	93
55) Dibenzofuran	10.033	168	622267	40.736	ng	98
56) 4-Nitrophenol	9.963	139	93228	44.180	ng	92
57) 2,4-Dinitrotoluene	10.016	165	164833	43.245	ng	96
58) Fluorene	10.380	166	493864	41.680	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	126118	42.135	ng	96
60) Diethylphthalate	10.251	149	514014	41.811	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	241686	41.757	ng	97
62) 4-Nitroaniline	10.398	138	128297	45.227	ng	91
63) Azobenzene	10.533	77	490065	39.824	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	92244	47.978	ng	98
66) n-Nitrosodiphenylamine	10.492	169	417972	39.757	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	148831	40.899	ng	99
68) Hexachlorobenzene	10.927	284	160903	41.684	ng	98
69) Atrazine	11.016	200	137337	39.071	ng	99
70) Pentachlorophenol	11.122	266	102619	45.399	ng	98
71) Phenanthrene	11.339	178	723529	41.409	ng	100
72) Anthracene	11.392	178	716469	41.850	ng	100
73) Carbazole	11.551	167	662834	43.663	ng	99
74) Di-n-butylphthalate	11.880	149	800193	43.495	ng	99
75) Fluoranthene	12.527	202	801222	46.442	ng	98
77) Benzidine	12.657	184	300130	39.706	ng	99
78) Pyrene	12.757	202	816862	36.091	ng	100
80) Butylbenzylphthalate	13.380	149	316309	40.003	ng	99
81) Benzo(a)anthracene	13.951	228	602639	37.039	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	193238	37.342	ng	99
83) Chrysene	13.986	228	583785	39.150	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	413503	41.225	ng	99
85) Di-n-octyl phthalate	14.568	149	625670	40.161	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	531435	40.413	ng	96
88) Benzo(b)fluoranthene	15.004	252	519917	40.568	ng	98
89) Benzo(k)fluoranthene	15.033	252	495242	43.621	ng	98
90) Benzo(a)pyrene	15.362	252	444854	41.076	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	430043	40.648	ng	97
92) Benzo(g,h,i)perylene	17.304	276	438392	39.851	ng	95

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

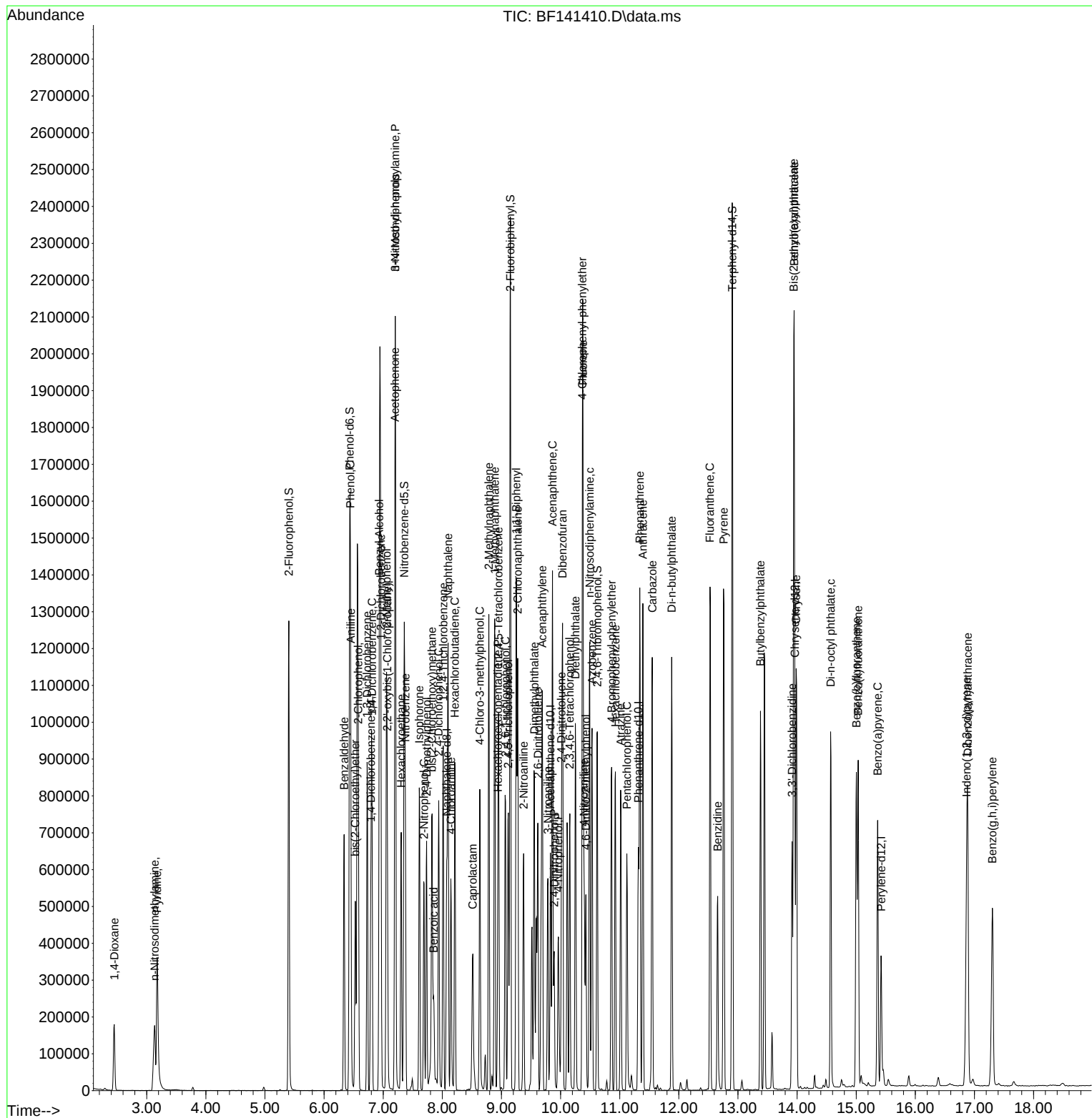
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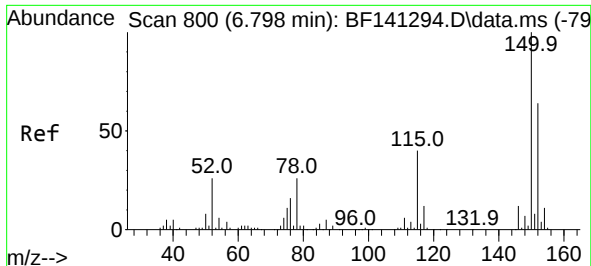
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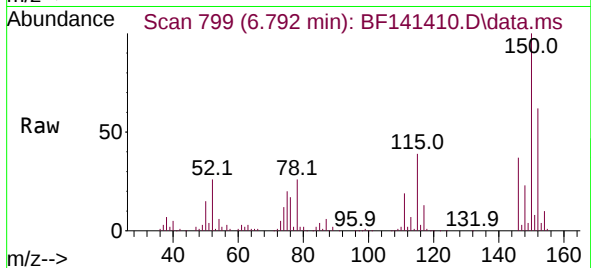
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

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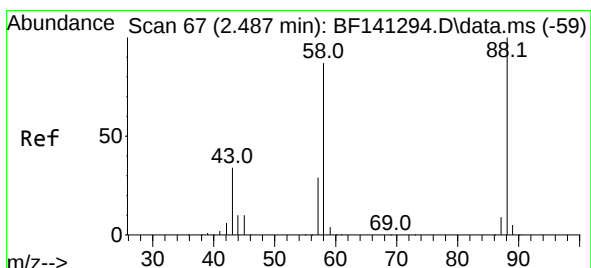
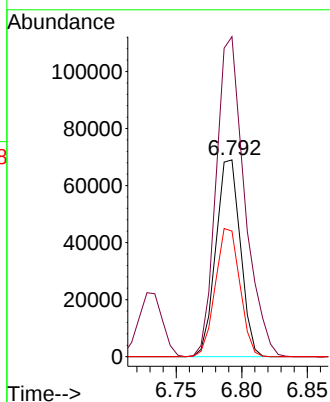
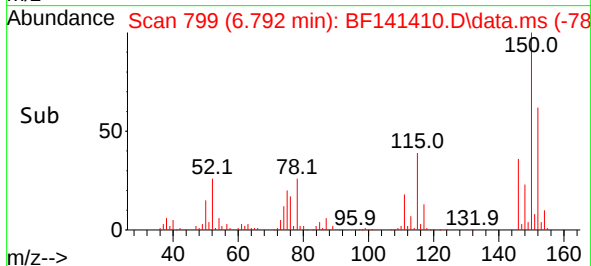


Tgt Ion:152 Resp: 89972
Ion Ratio Lower Upper
152 100
150 162.5 125.9 188.9
115 63.8 49.7 74.5

Manual Integrations

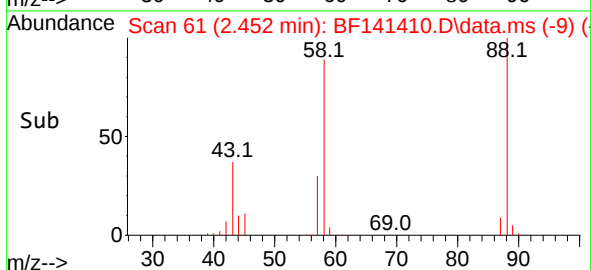
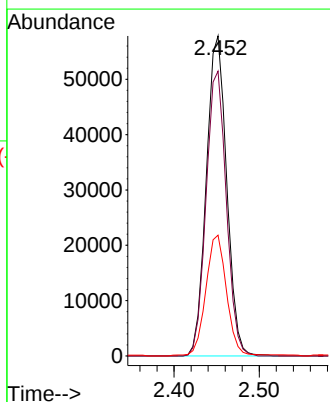
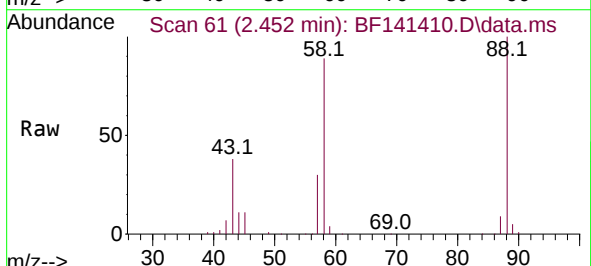
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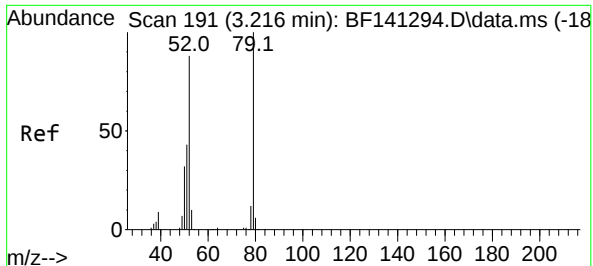
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#2
1,4-Dioxane
Concen: 37.338 ng
RT: 2.452 min Scan# 61
Delta R.T. -0.041 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

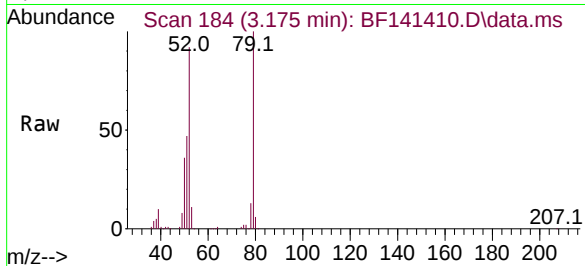
Tgt Ion: 88 Resp: 96236
Ion Ratio Lower Upper
88 100
58 88.3 70.2 105.4
43 38.6 27.6 41.4





#3
Pyridine
Concen: 36.624 ng
RT: 3.175 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

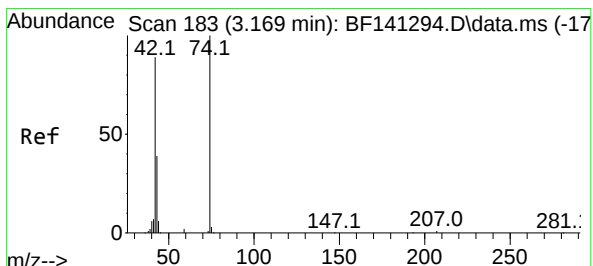
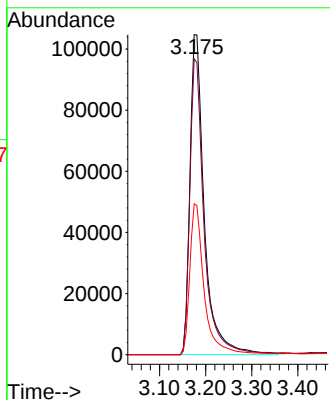
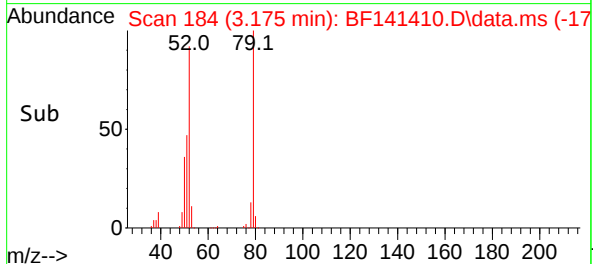
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



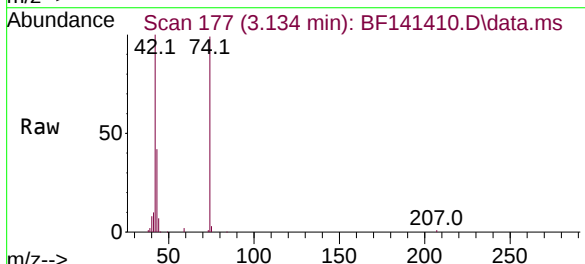
Tgt Ion: 79 Resp: 22744
Ion Ratio Lower Upper
79 100
52 92.5 70.3 105.5
51 47.1 34.3 51.5

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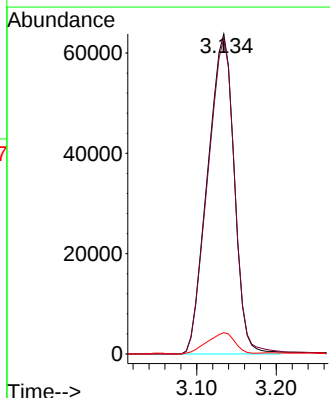
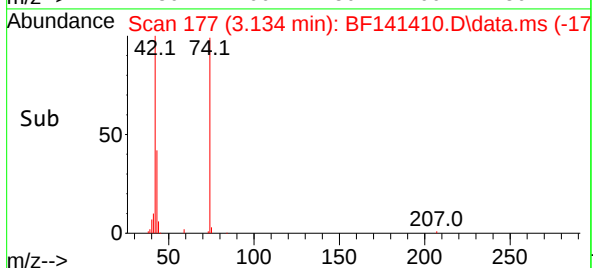
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#4
n-Nitrosodimethylamine
Concen: 41.739 ng m
RT: 3.134 min Scan# 177
Delta R.T. -0.065 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion: 42 Resp: 148075
Ion Ratio Lower Upper
42 100
74 98.8 90.3 135.5
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 78.830 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

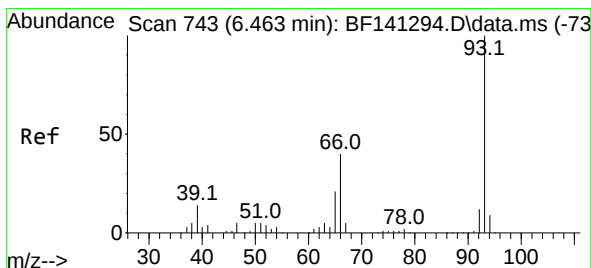
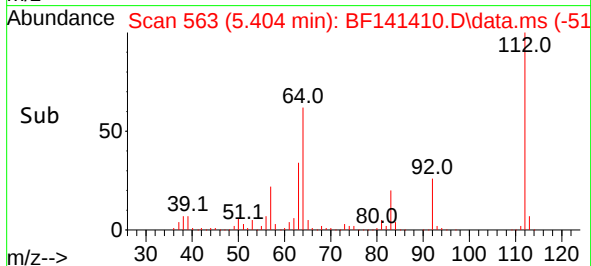
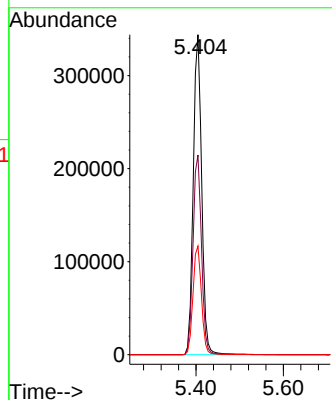
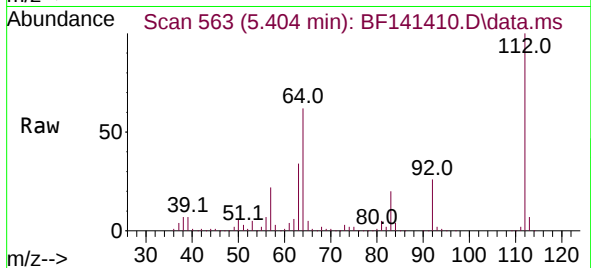
SSTDCCC040

Tgt Ion:112 Resp: 46199
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 34.0 26.1 39.1

Manual Integrations

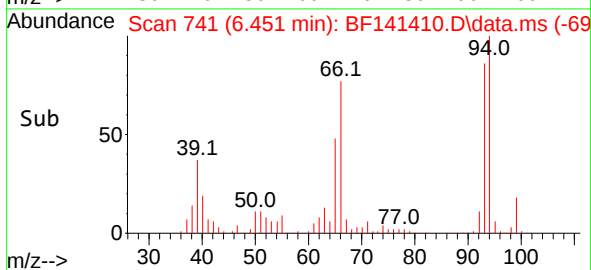
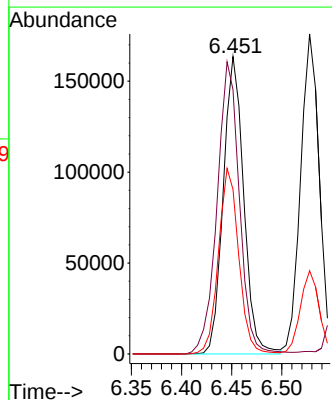
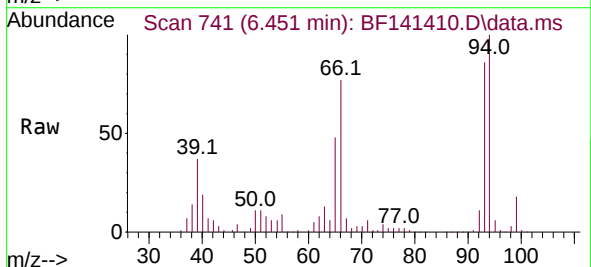
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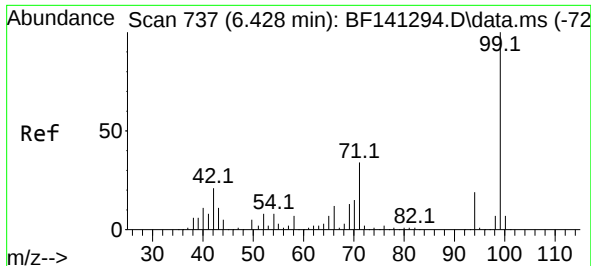
Reviewed By :Yogesh Patel 02/05/2025
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#6
Aniline
Concen: 36.617 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141410.D
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Tgt Ion: 93 Resp: 231086
Ion Ratio Lower Upper
93 100
66 88.8 32.5 48.7#
65 55.3 17.0 25.6#





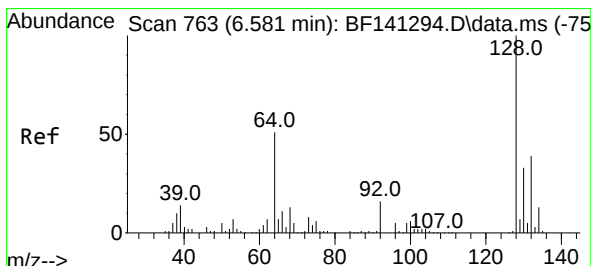
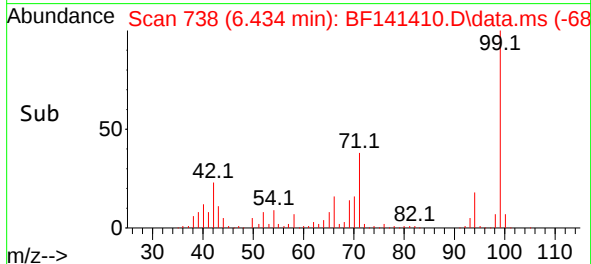
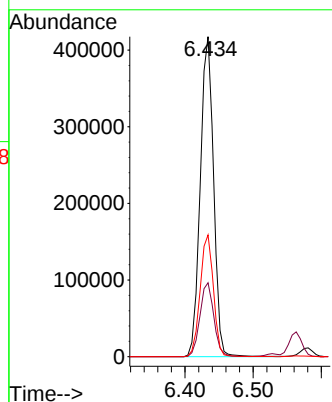
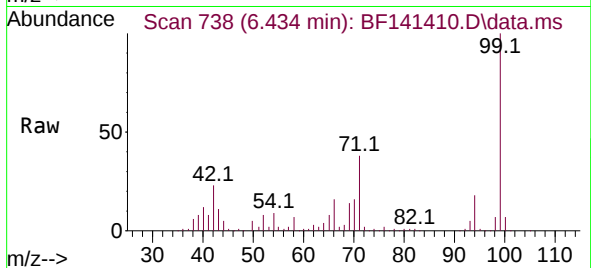
#7
Phenol-d6
Concen: 75.891 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

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Tgt Ion: 99 Resp: 56580
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.0 26.9 40.3

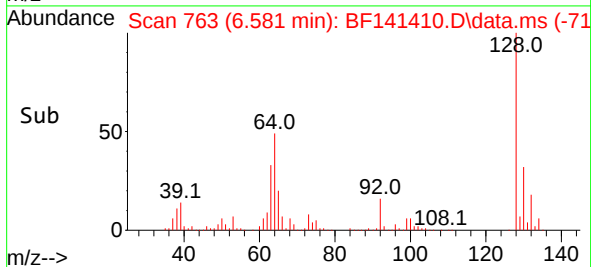
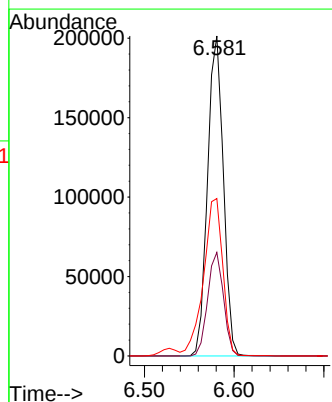
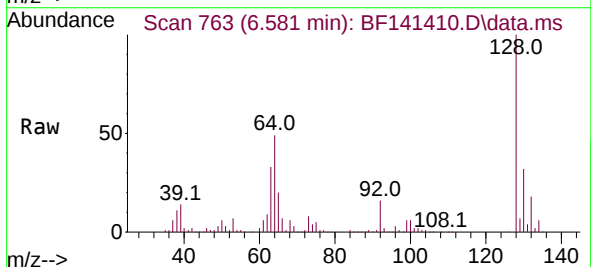
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#8
2-Chlorophenol
Concen: 39.195 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:128 Resp: 246203
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 49.2 32.9 72.9





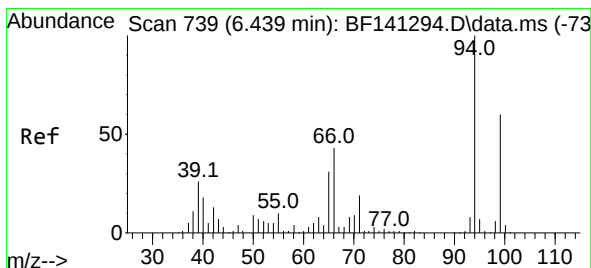
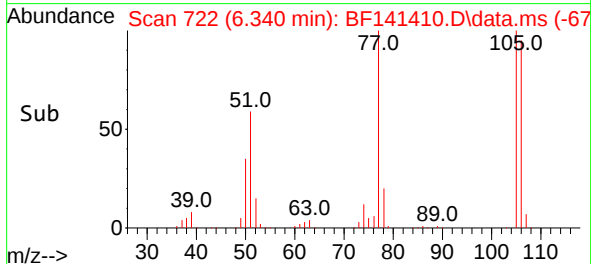
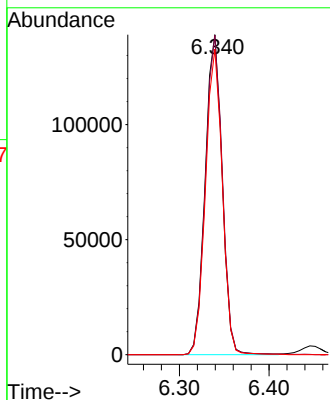
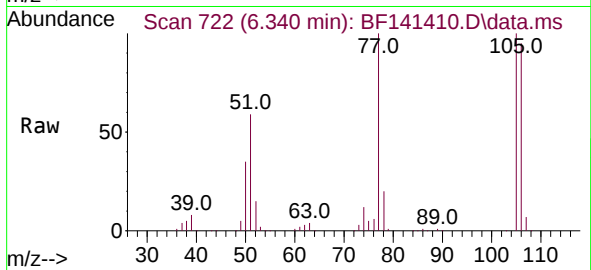
#9
Benzaldehyde
Concen: 42.215 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141410.D
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Instrument :
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Tgt Ion: 77 Resp: 18230
Ion Ratio Lower Upper
77 100
105 99.8 79.4 119.4
106 95.4 74.6 114.6

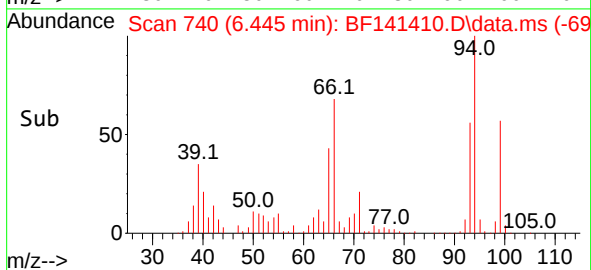
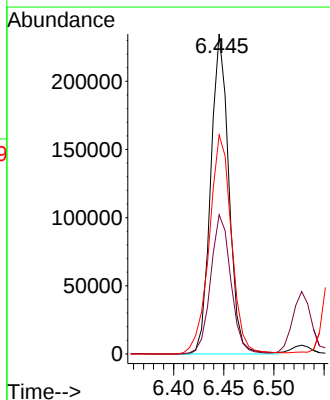
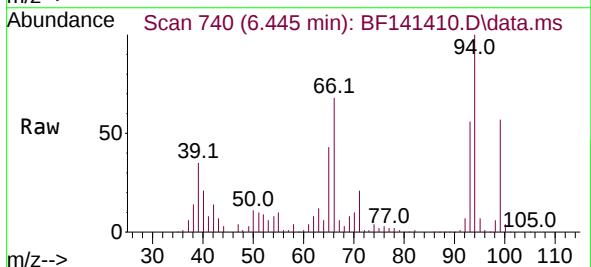
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#10
Phenol
Concen: 37.247 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

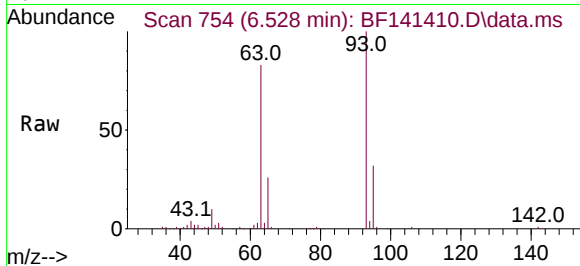
Tgt Ion: 94 Resp: 294371
Ion Ratio Lower Upper
94 100
65 43.5 10.8 50.8
66 68.5 23.3 63.3#





#11
bis(2-Chloroethyl)ether
Concen: 37.395 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

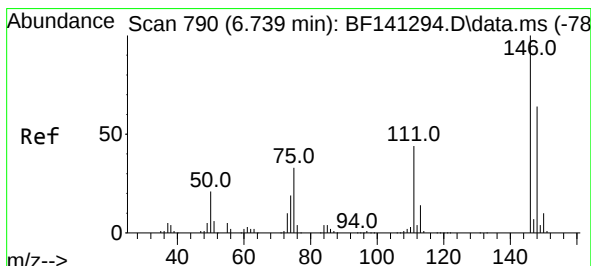
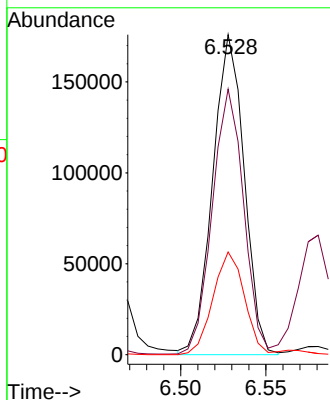
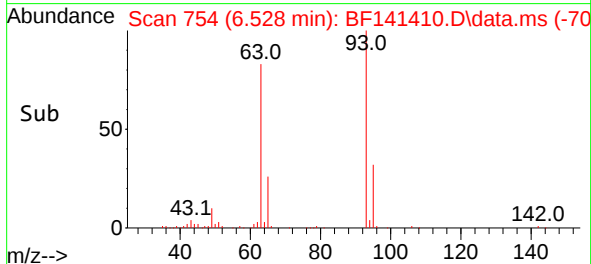
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



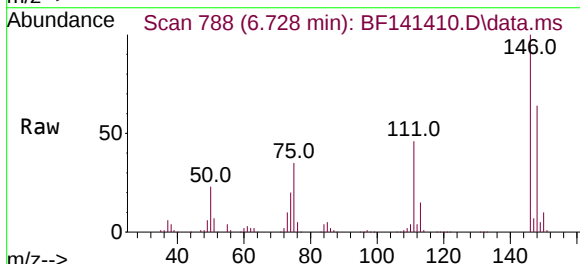
Tgt Ion: 93 Resp: 226600
Ion Ratio Lower Upper
93 100
63 83.0 65.0 105.0
95 32.1 12.4 52.4

Manual Integrations
APPROVED

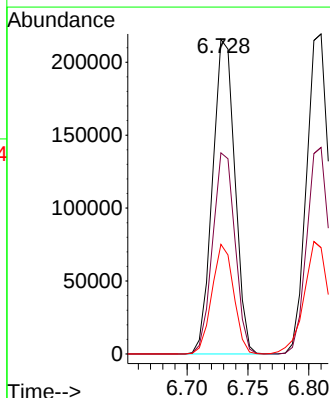
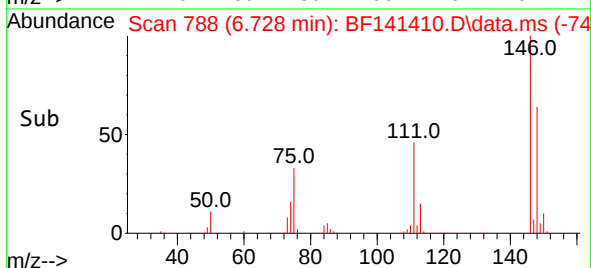
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#12
1,3-Dichlorobenzene
Concen: 39.813 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:146 Resp: 275749
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 34.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.169 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 27949

Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

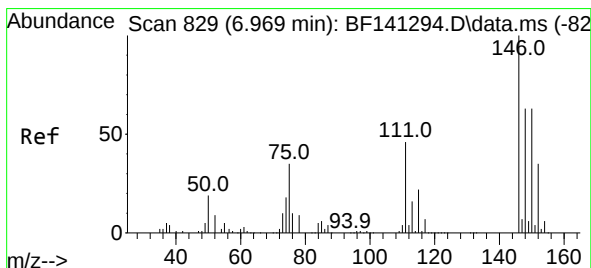
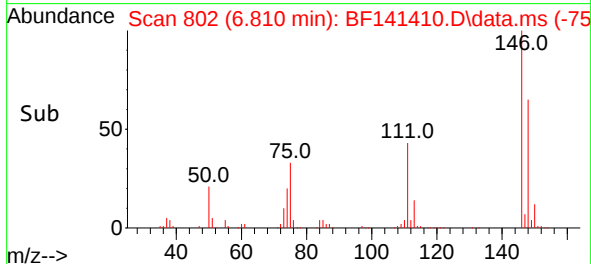
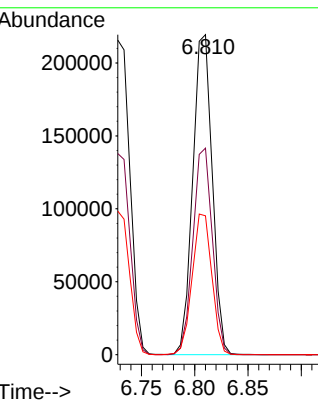
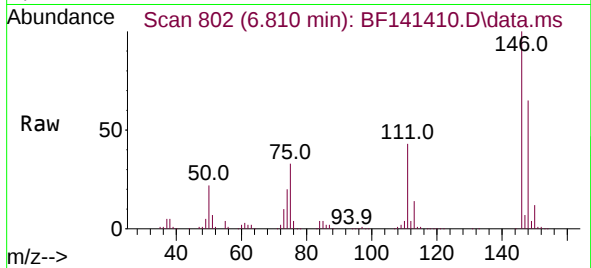
111 43.4 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#14

1,2-Dichlorobenzene

Concen: 39.932 ng

RT: 6.963 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

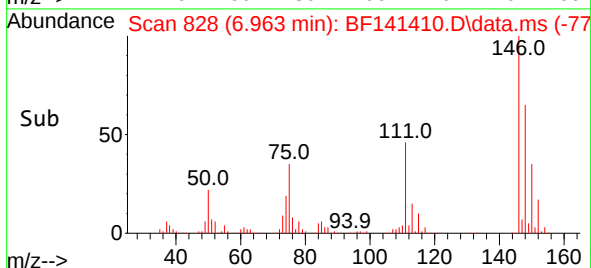
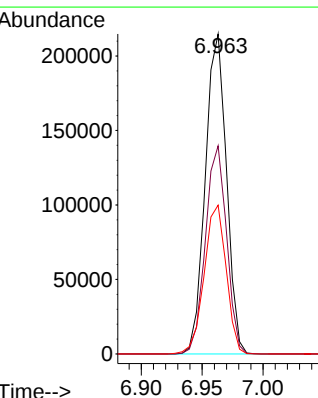
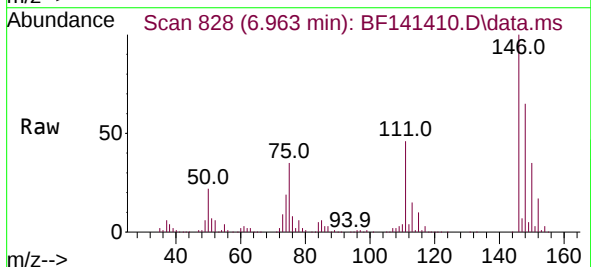
Tgt Ion:146 Resp: 260169

Ion Ratio Lower Upper

146 100

148 65.0 50.5 75.7

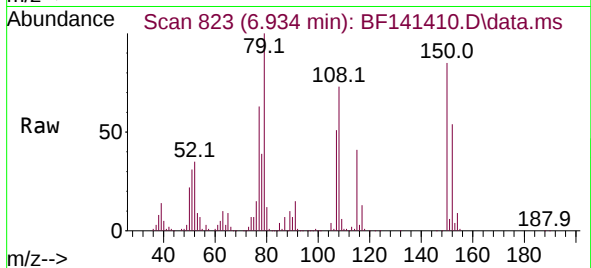
111 46.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 41.681 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

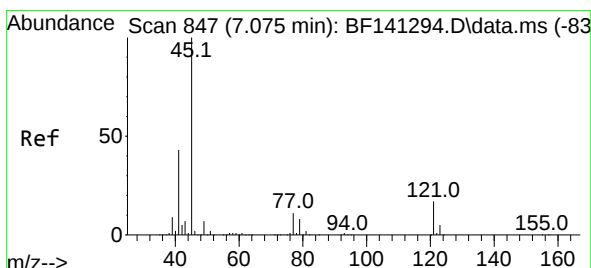
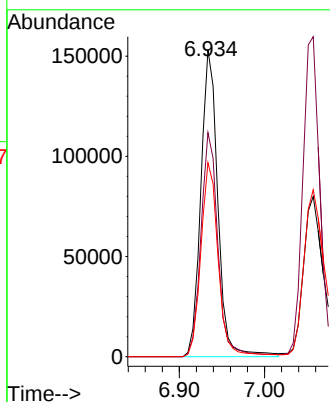
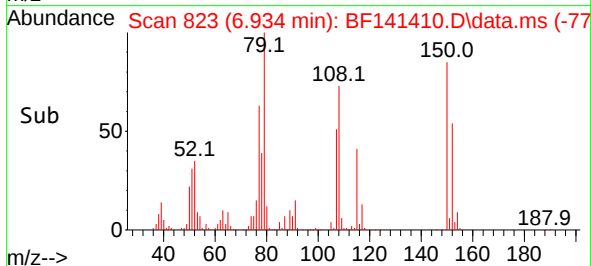
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



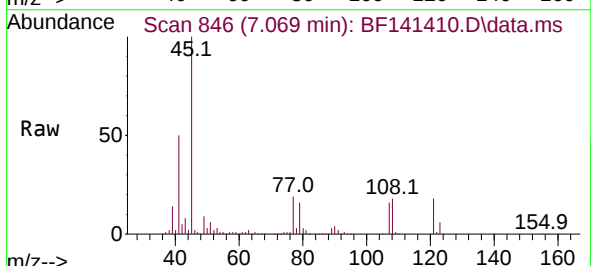
Tgt Ion: 79 Resp: 212360
Ion Ratio Lower Upper
79 100
108 73.0 61.4 92.0
77 63.2 49.9 74.9

Manual Integrations
APPROVED

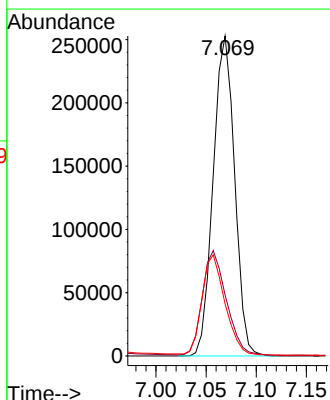
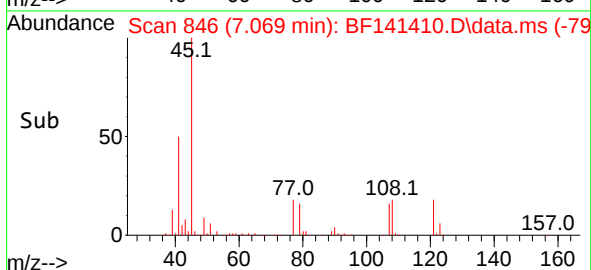
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

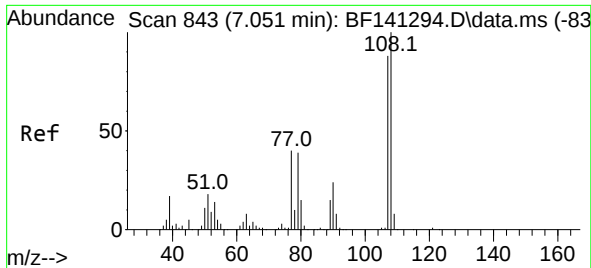


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.664 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion: 45 Resp: 375805
Ion Ratio Lower Upper
45 100
77 19.1 0.0 31.8
79 16.3 0.0 29.1





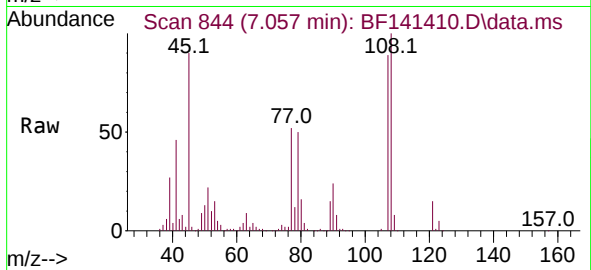
#17
2-Methylphenol
Concen: 38.055 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

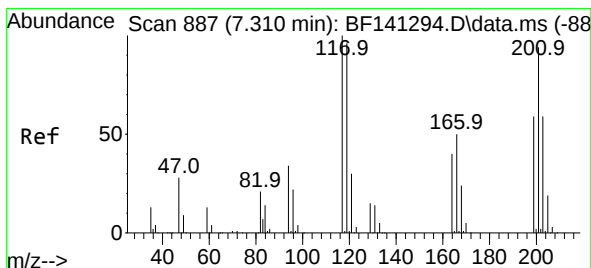
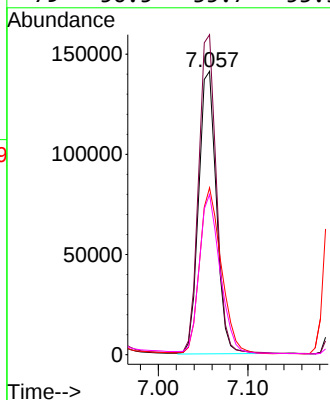
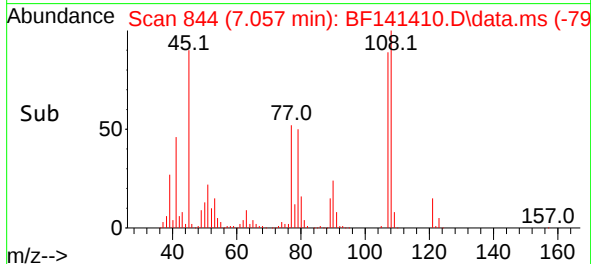


Tgt Ion:107 Resp: 19428
Ion Ratio Lower Upper
107 100
108 112.9 90.8 136.2
77 58.9 36.2 54.4
79 56.5 35.7 53.5#

Manual Integrations

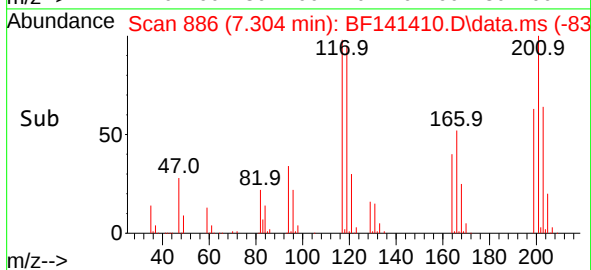
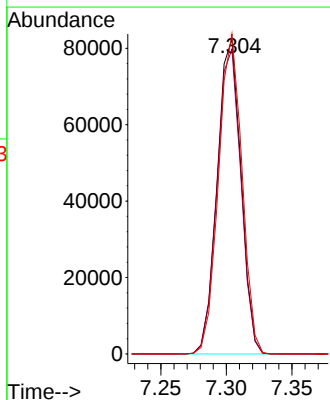
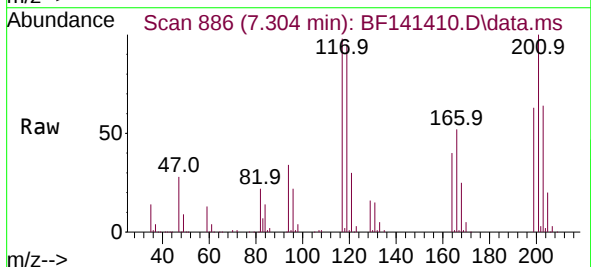
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#18
Hexachloroethane
Concen: 40.467 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:117 Resp: 103872
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
201 101.6 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.325 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.024 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 16978

Ion Ratio Lower Upper

70 100

42 71.6 56.8 85.2

101 10.2 7.7 11.5

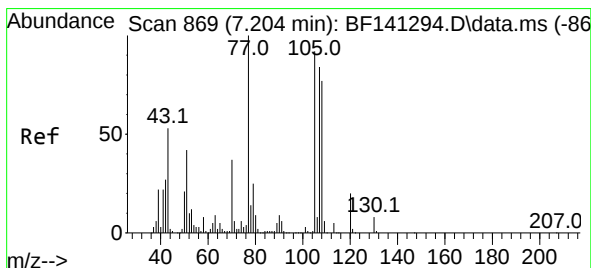
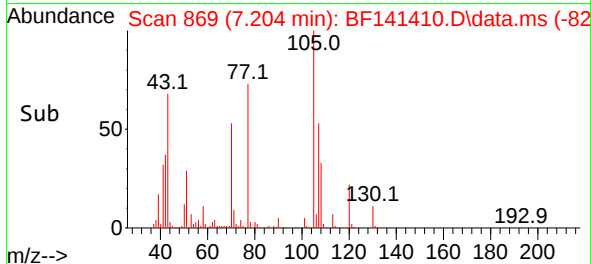
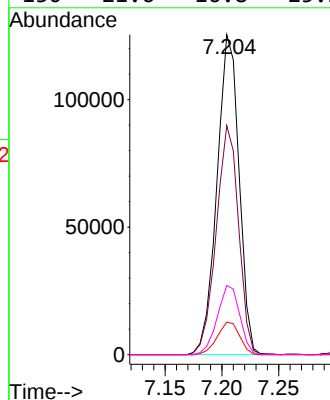
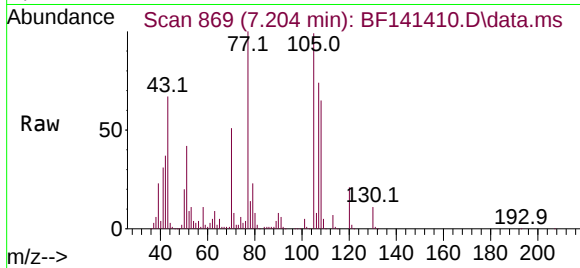
130 21.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#20

3+4-Methylphenols

Concen: 40.064 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Tgt Ion:107 Resp: 251134

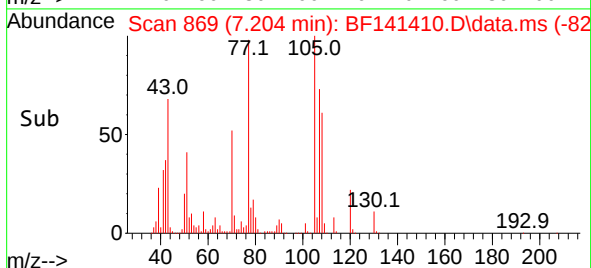
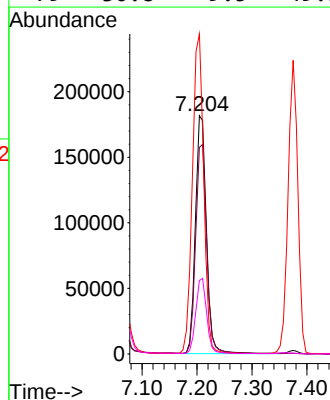
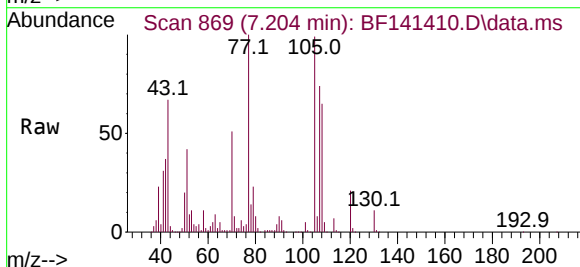
Ion Ratio Lower Upper

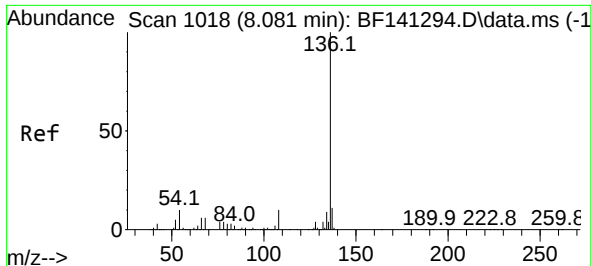
107 100

108 86.7 70.9 110.9

77 134.3 98.5 138.5

79 30.8 9.5 49.5





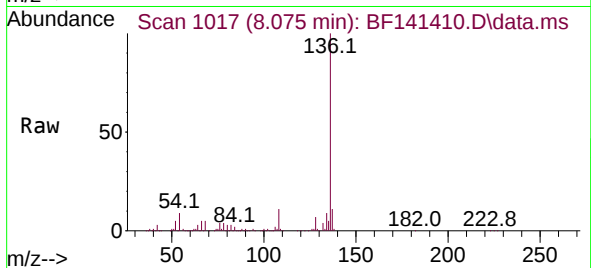
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

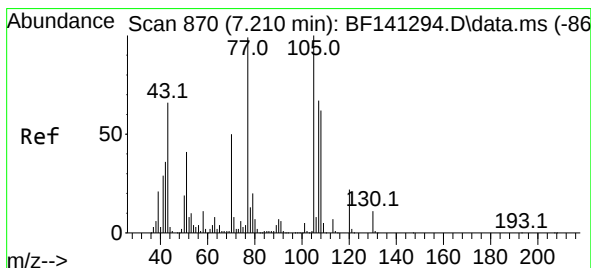
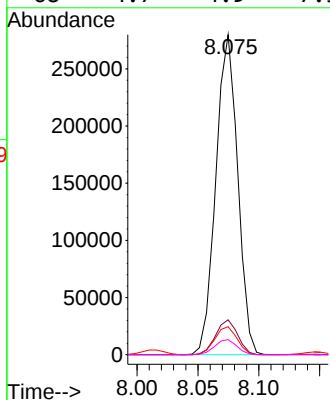
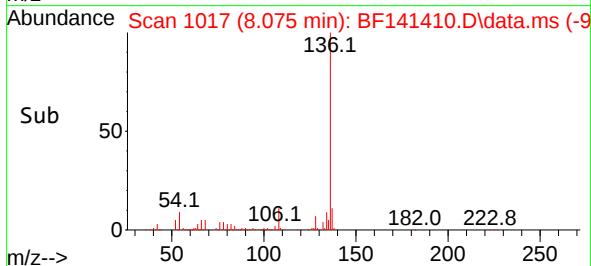


Tgt Ion:136 Resp: 349697
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.8
68 4.7 4.9 7.3#

Manual Integrations

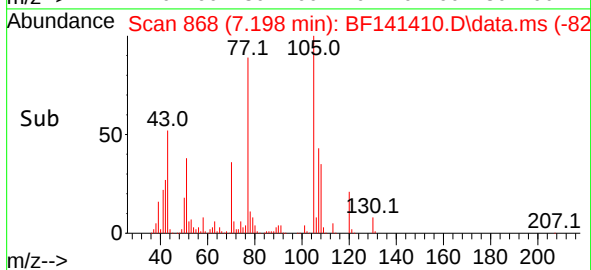
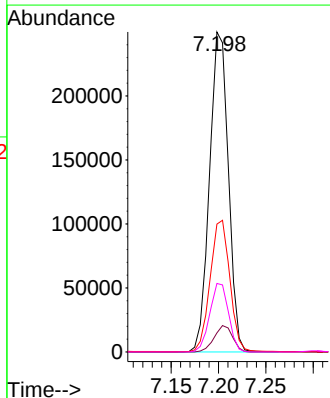
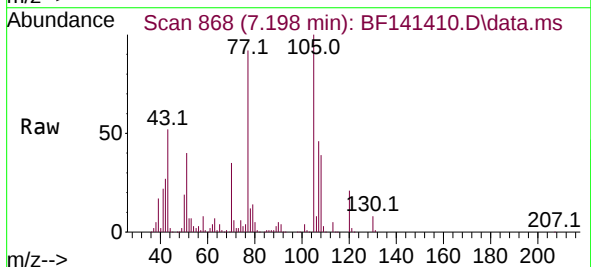
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#22
Acetophenone
Concen: 41.572 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:105 Resp: 345559
Ion Ratio Lower Upper
105 100
71 5.9 6.8 10.2#
51 39.9 32.6 49.0
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.851 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

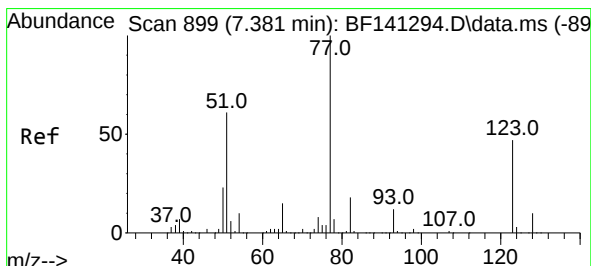
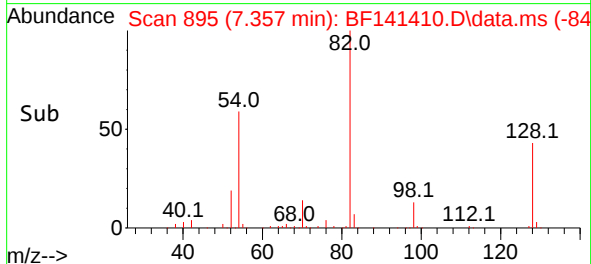
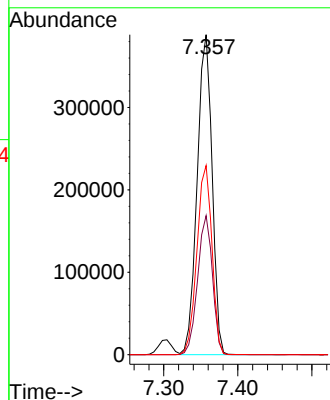
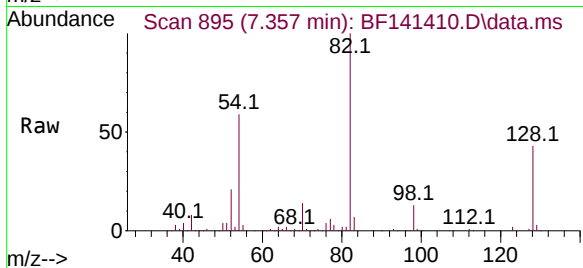
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 542962
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.7 53.5
 54 59.1 47.1 70.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#24

Nitrobenzene

Concen: 40.006 ng

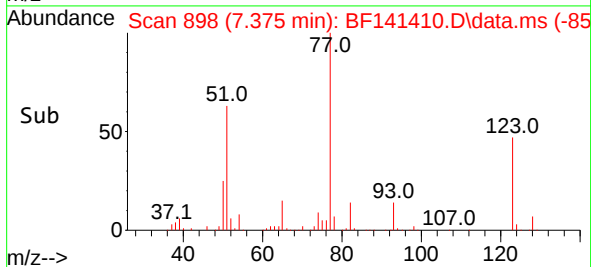
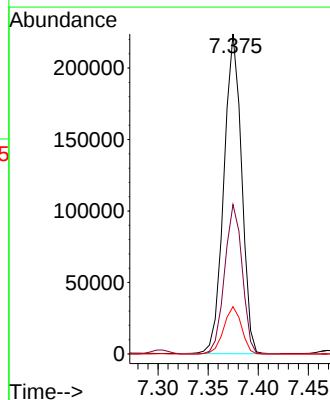
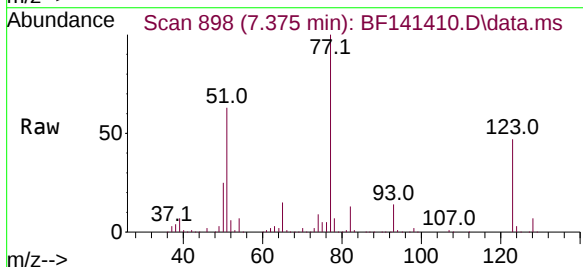
RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

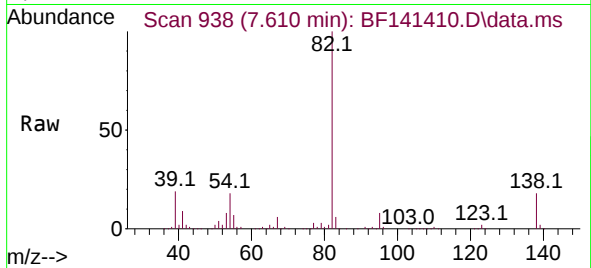
Tgt Ion: 77 Resp: 275017
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.3 55.9
 65 14.8 11.8 17.6





#25
Isophorone
Concen: 39.031 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

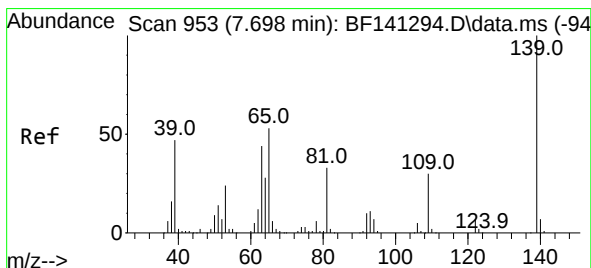
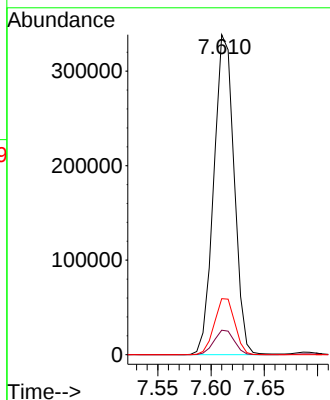
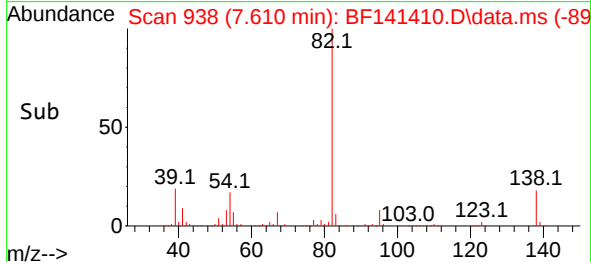
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



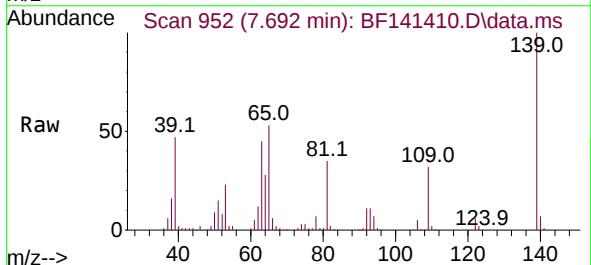
Tgt Ion: 82 Resp: 447558
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 17.5 14.7 22.1

Manual Integrations
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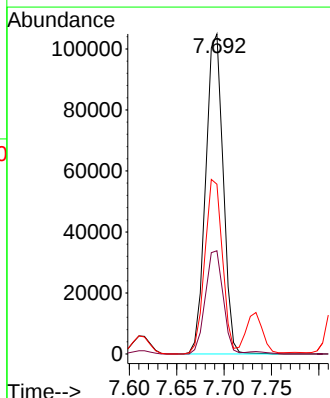
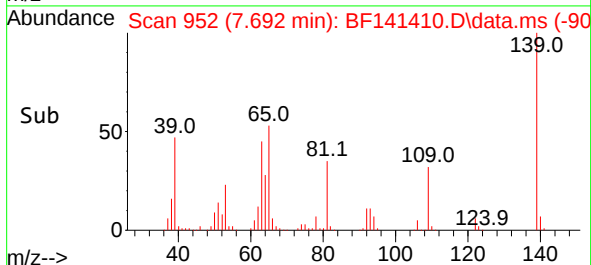
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

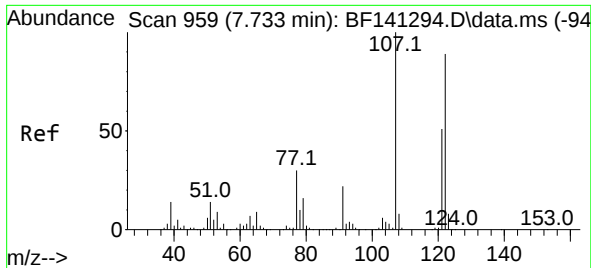


#26
2-Nitrophenol
Concen: 41.393 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:139 Resp: 134199
Ion Ratio Lower Upper
139 100
109 32.3 23.8 35.6
65 53.0 42.2 63.4





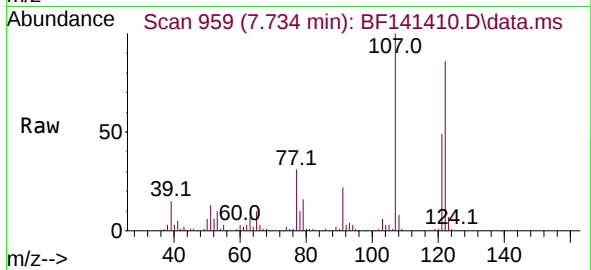
#27
2,4-Dimethylphenol
Concen: 38.672 ng m
RT: 7.734 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

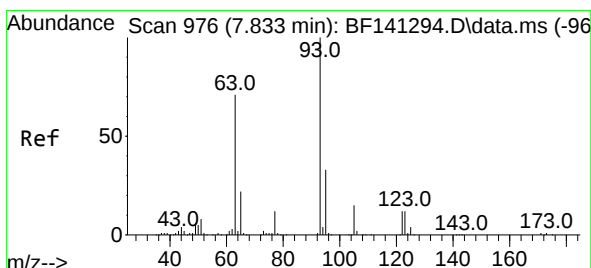
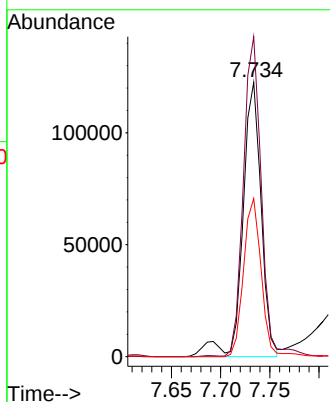
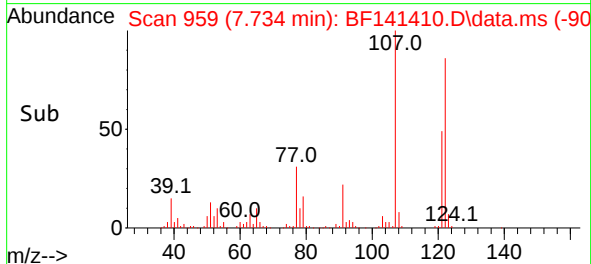


Tgt Ion:122 Resp: 15958
Ion Ratio Lower Upper
122 100
107 116.6 89.9 134.9
121 57.6 46.1 69.1

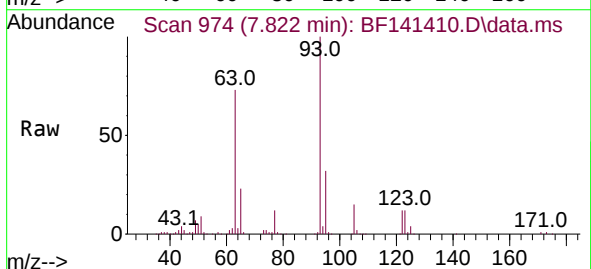
Manual Integrations

APPROVED

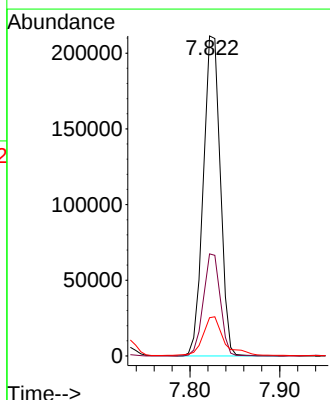
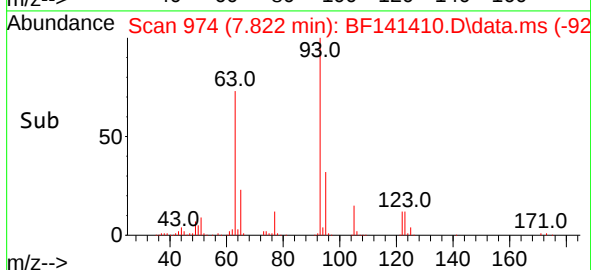
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.030 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion: 93 Resp: 278158
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.2
123 12.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 40.477 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141410.D

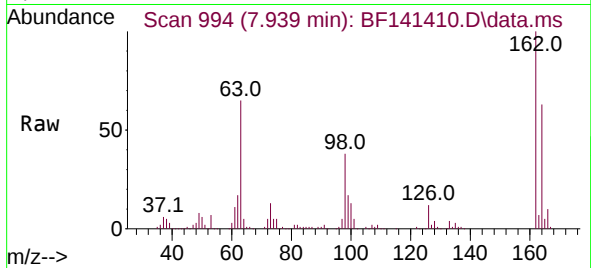
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 20448

Ion Ratio Lower Upper

162 100

164 63.2 44.2 84.2

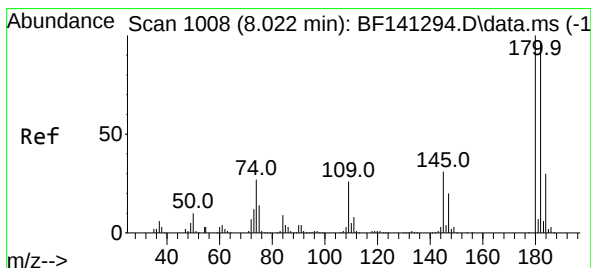
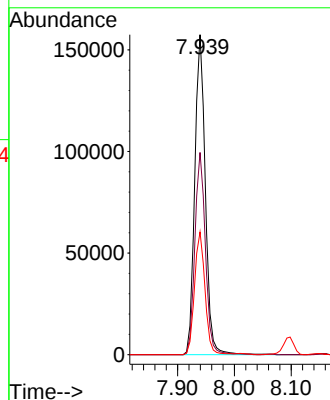
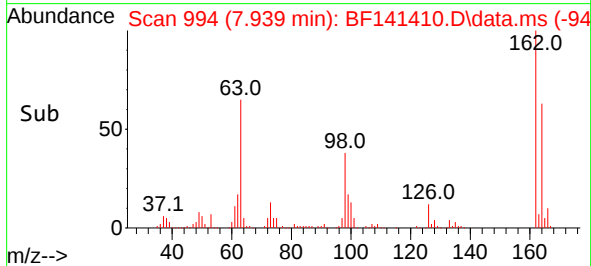
98 38.3 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.839 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

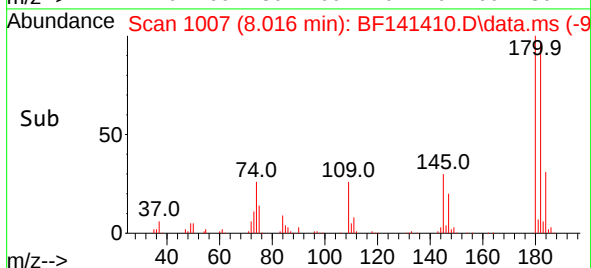
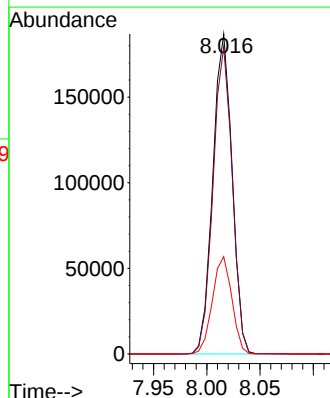
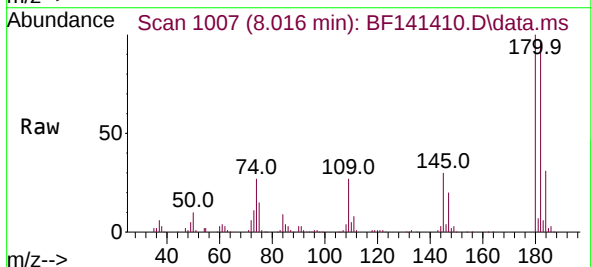
Tgt Ion:180 Resp: 235617

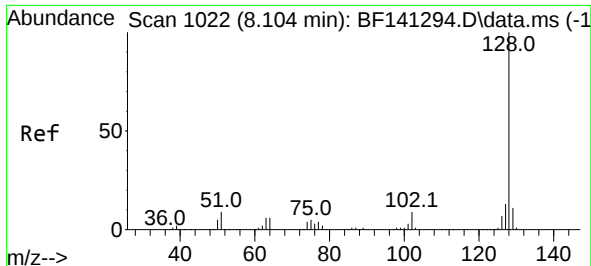
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 30.4 24.9 37.3





#31
Naphthalene
Concen: 39.696 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

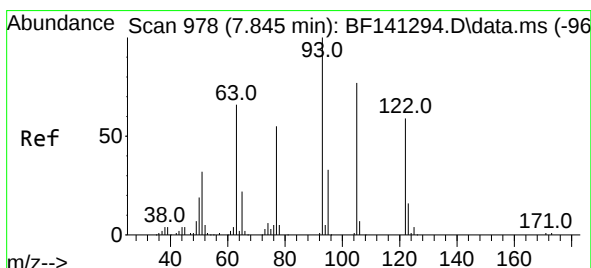
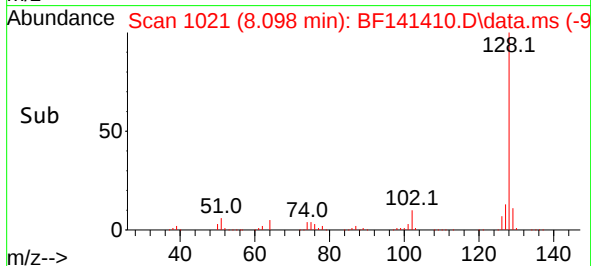
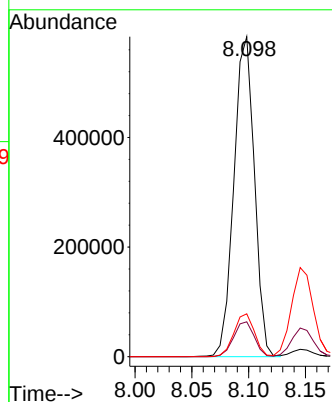
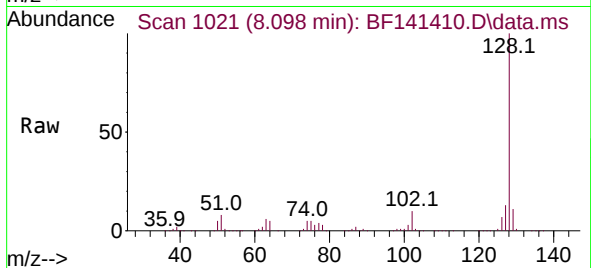
SSTDCCC040

Tgt Ion:128 Resp: 73332
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

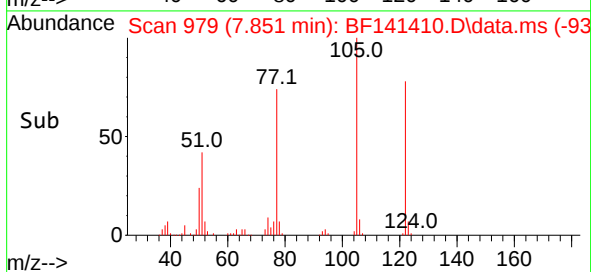
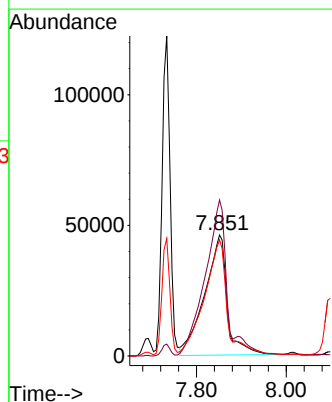
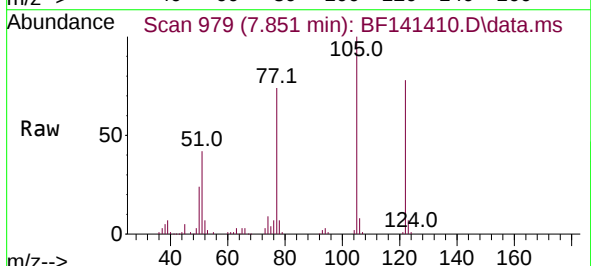
APPROVED

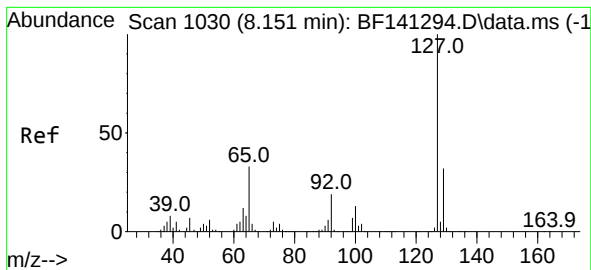
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#32
Benzoic acid
Concen: 42.423 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:122 Resp: 160931
Ion Ratio Lower Upper
122 100
105 129.0 103.4 143.4
77 96.1 70.9 110.9





#33

4-Chloroaniline

Concen: 35.561 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 222768

Ion Ratio Lower Upper

127 100

129 32.2 25.7 38.5

65 33.9 26.4 39.6

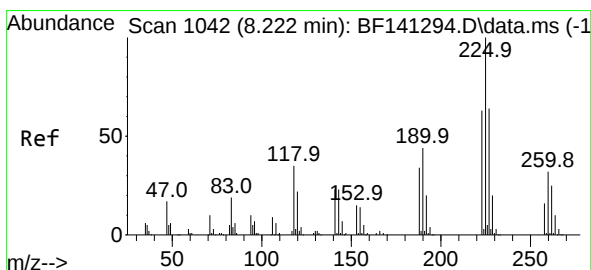
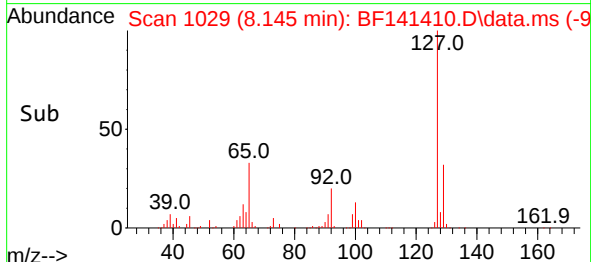
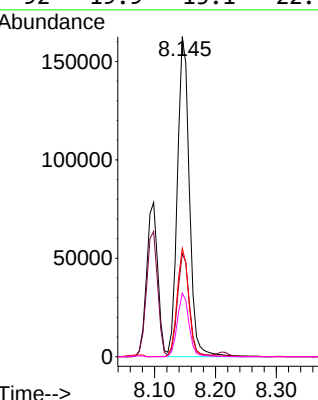
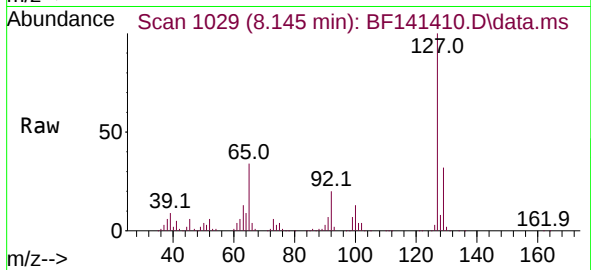
92 19.9 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#34

Hexachlorobutadiene

Concen: 43.093 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

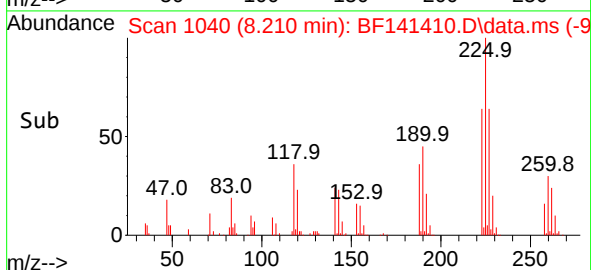
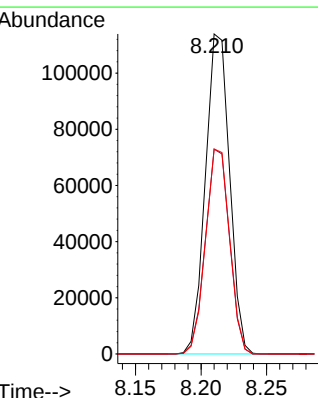
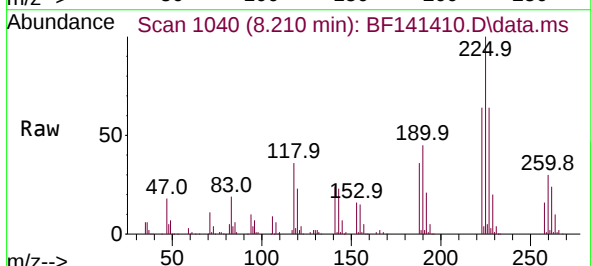
Tgt Ion:225 Resp: 145800

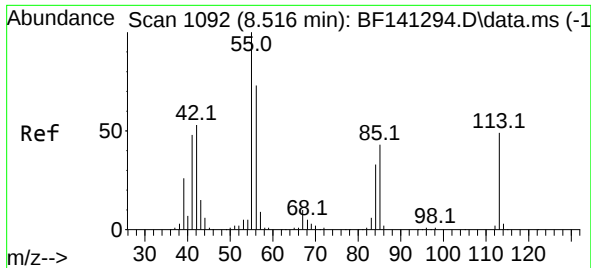
Ion Ratio Lower Upper

225 100

223 64.0 50.4 75.6

227 64.0 51.3 76.9





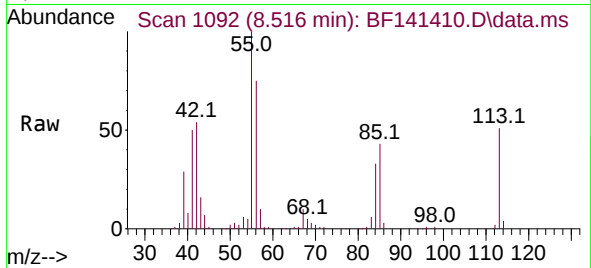
#35
Caprolactam
Concen: 39.448 ng
RT: 8.516 min Scan# 1092
Delta R.T. -0.030 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

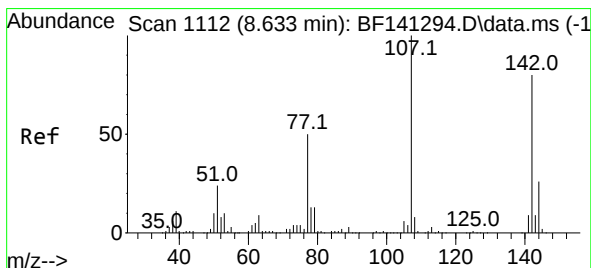
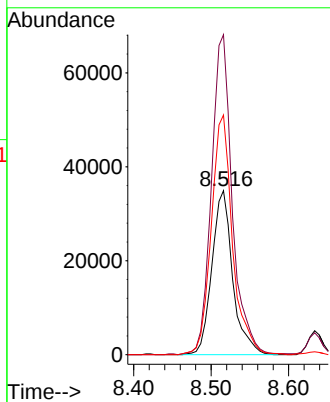
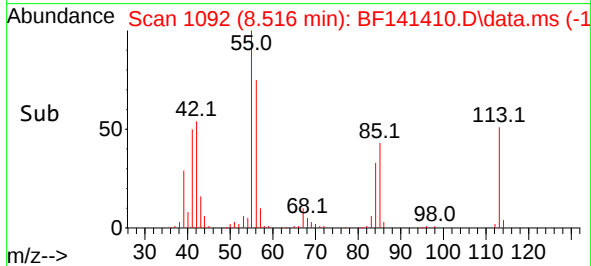


Tgt Ion:113 Resp: 65085
Ion Ratio Lower Upper
113 100
55 195.0 182.9 222.9
56 146.1 127.9 167.9

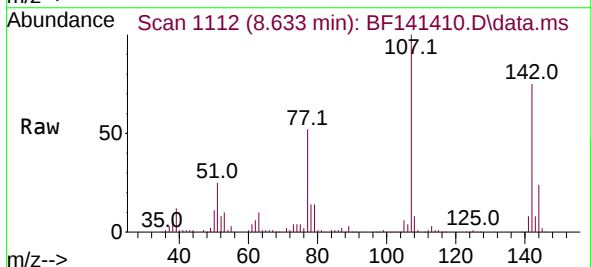
Manual Integrations

APPROVED

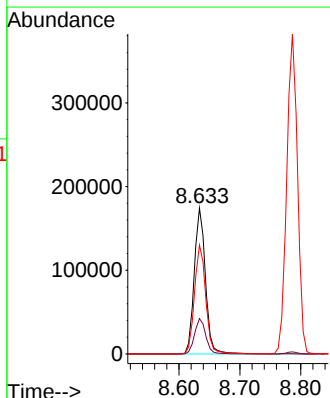
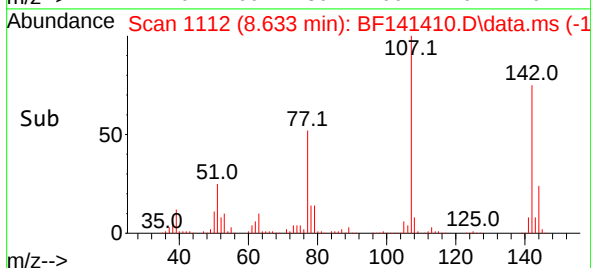
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

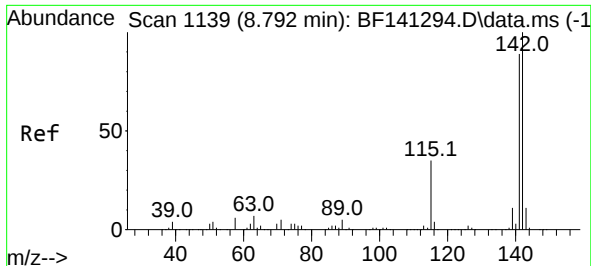


#36
4-Chloro-3-methylphenol
Concen: 41.200 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:107 Resp: 223256
Ion Ratio Lower Upper
107 100
144 24.2 20.7 31.1
142 74.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.115 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

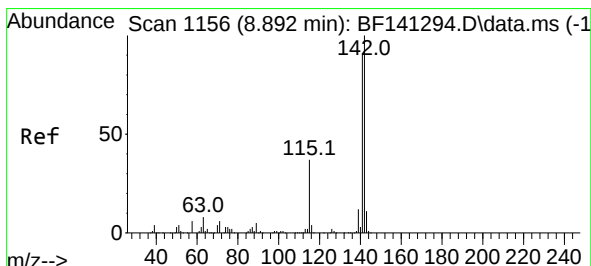
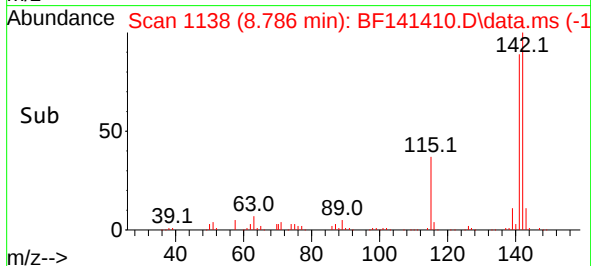
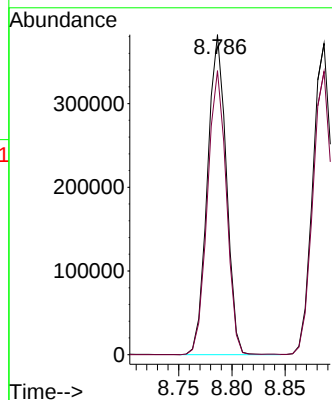
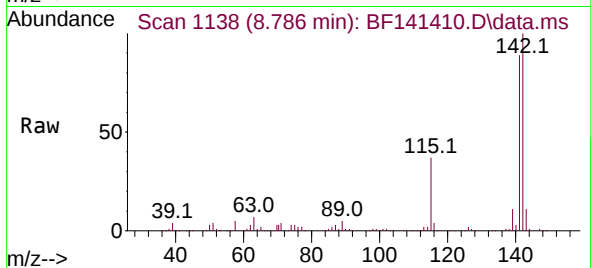
SSTDCCC040

Tgt Ion:142 Resp: 471000
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9

Manual Integrations

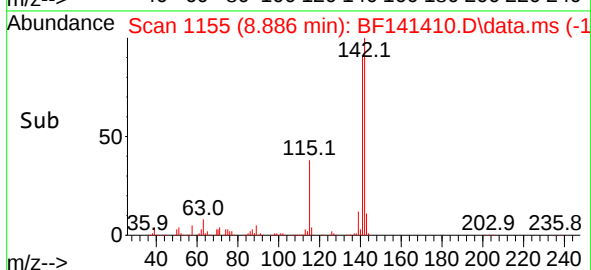
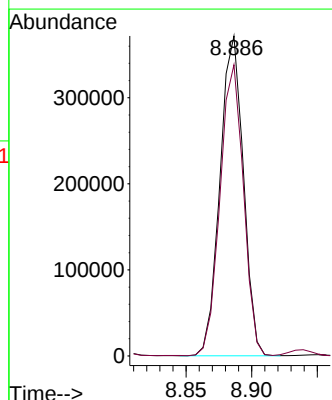
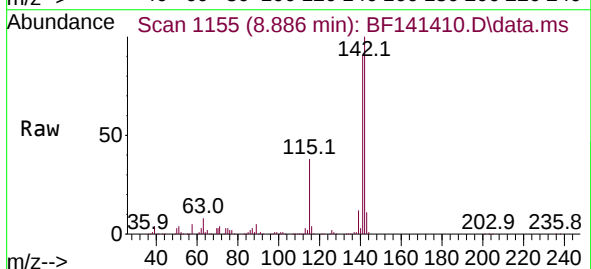
APPROVED

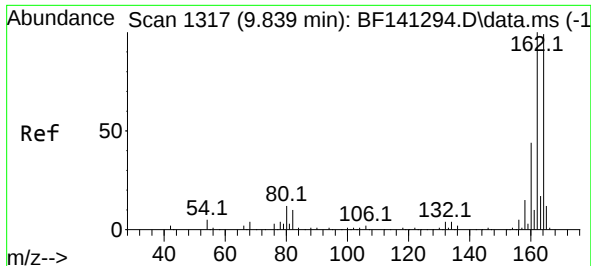
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#38
1-Methylnaphthalene
Concen: 39.867 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:142 Resp: 459817
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





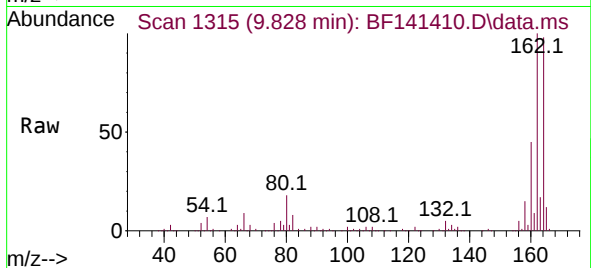
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



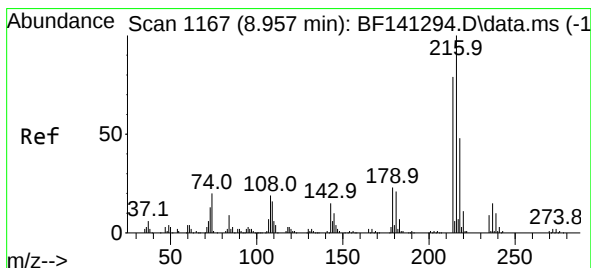
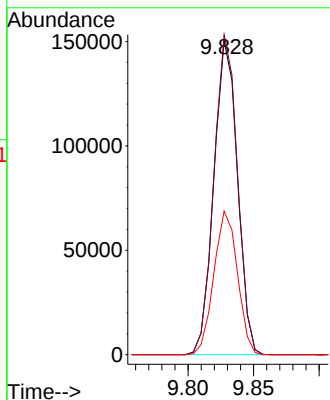
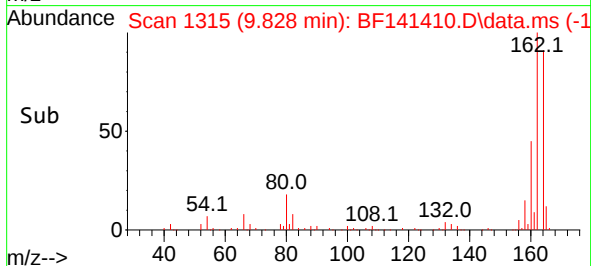
Tgt Ion:164 Resp: 187729
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 45.7 35.8 53.6

Manual Integrations

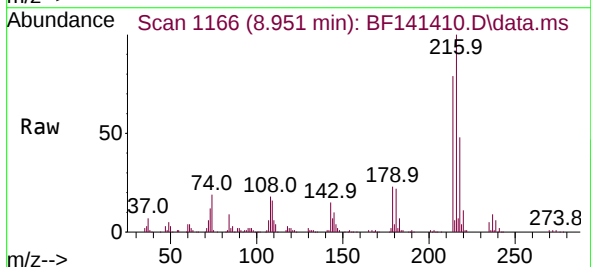
APPROVED

Reviewed By :Yogesh Patel 02/05/2025

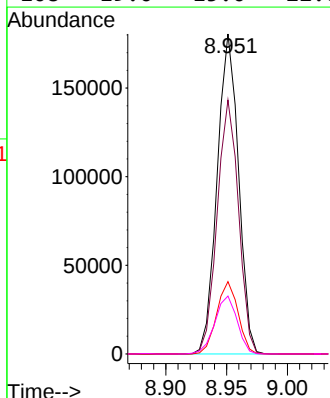
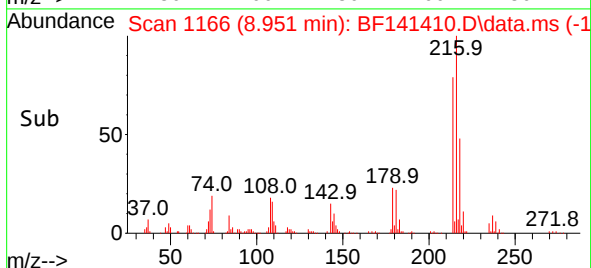
Supervised By :mohammad ahmed 02/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.284 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:216 Resp: 220482
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 22.6 17.8 26.8
108 19.0 15.0 22.6





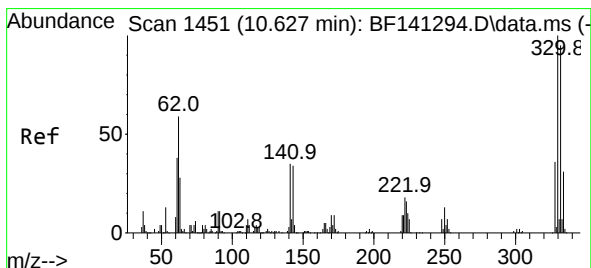
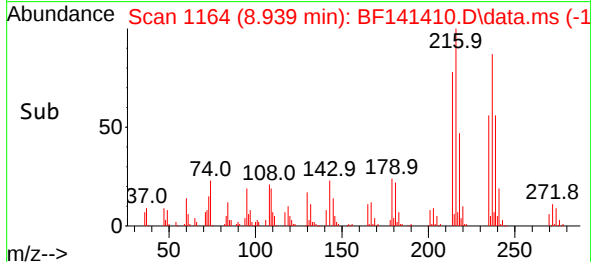
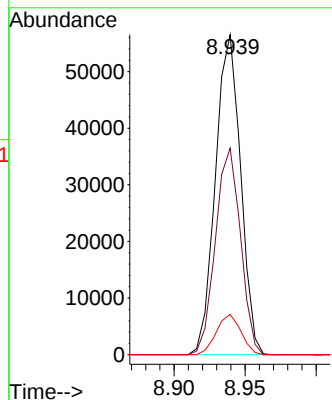
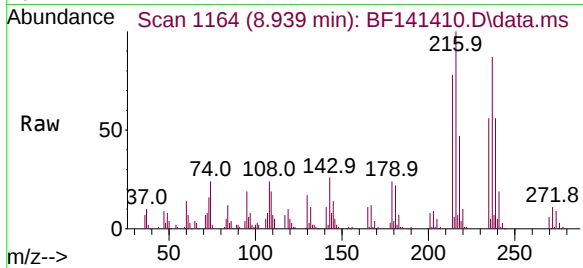
#41
Hexachlorocyclopentadiene
Concen: 44.139 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 69619
Ion Ratio Lower Upper
237 100
235 64.5 42.9 82.9
272 12.6 0.0 32.8

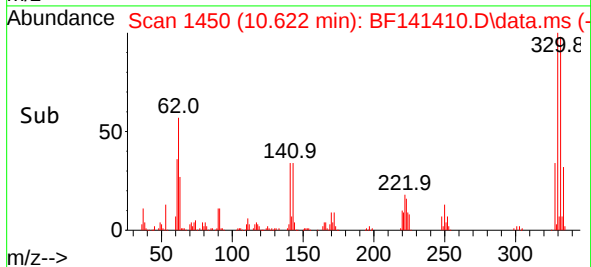
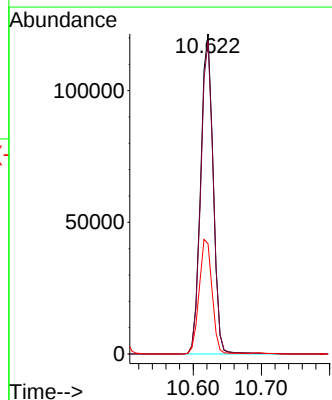
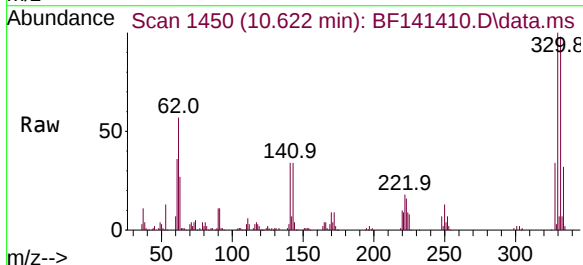
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#42
2,4,6-Tribromophenol
Concen: 89.734 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

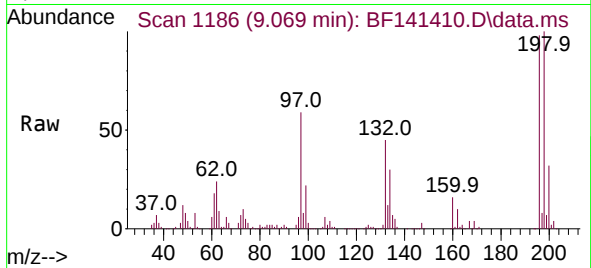
Tgt Ion:330 Resp: 154436
Ion Ratio Lower Upper
330 100
332 97.8 76.1 114.1
141 37.1 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 41.335 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

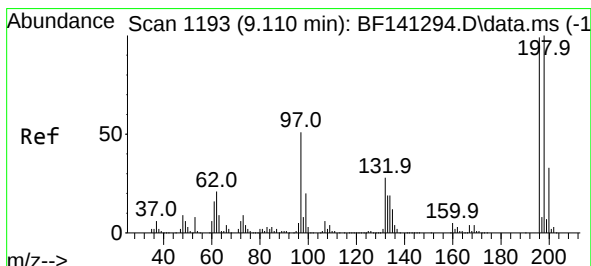
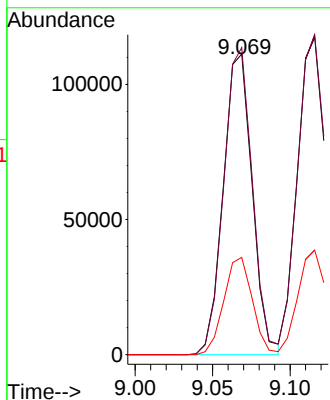
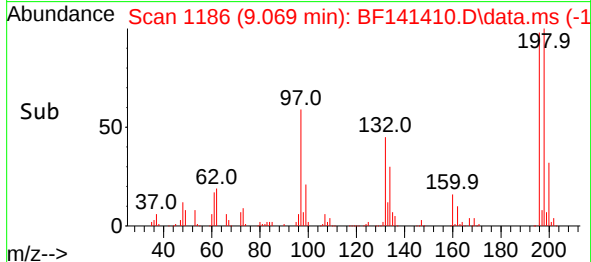
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



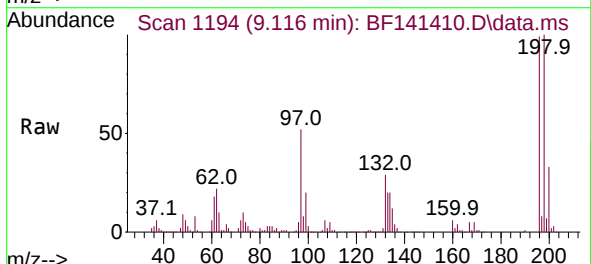
Tgt Ion:196 Resp: 144492
Ion Ratio Lower Upper
196 100
198 102.1 81.8 122.6
200 32.3 26.3 39.5

Manual Integrations
APPROVED

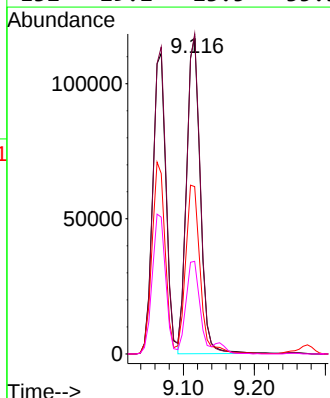
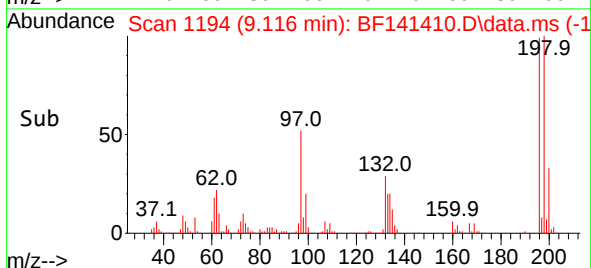
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

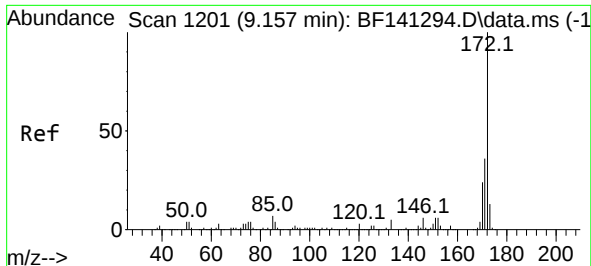


#44
2,4,5-Trichlorophenol
Concen: 41.404 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:196 Resp: 157526
Ion Ratio Lower Upper
196 100
198 100.7 80.5 120.7
97 52.7 42.8 64.2
132 29.2 23.5 35.3





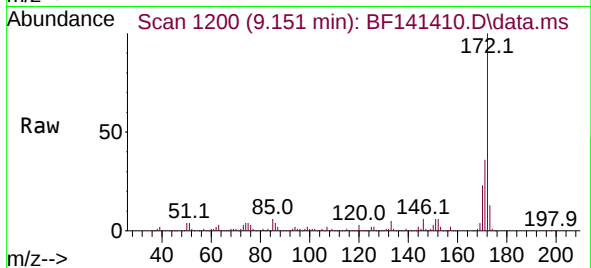
#45
2-Fluorobiphenyl
Concen: 81.709 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

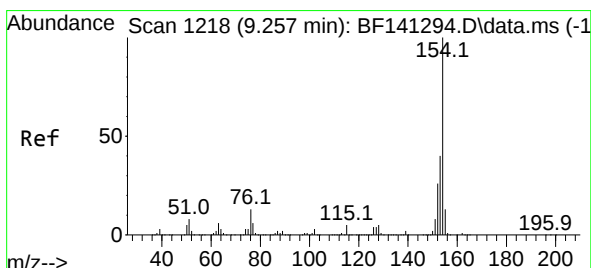
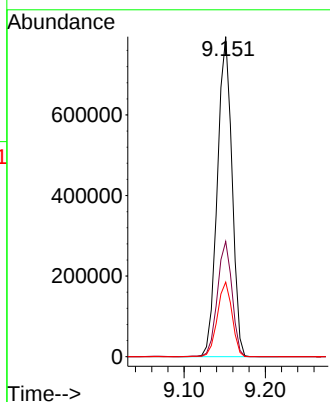
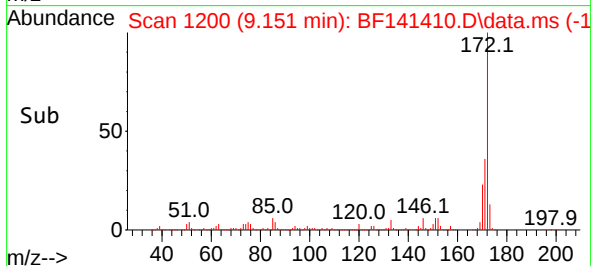


Tgt Ion:172 Resp: 99657
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.3 19.0 28.6

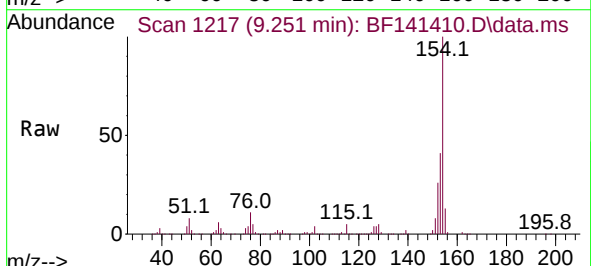
Manual Integrations

APPROVED

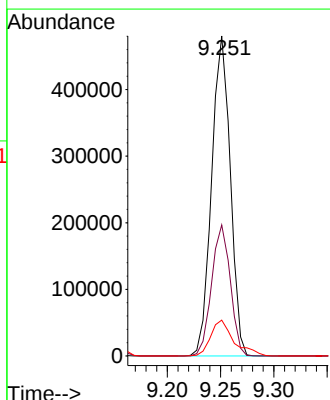
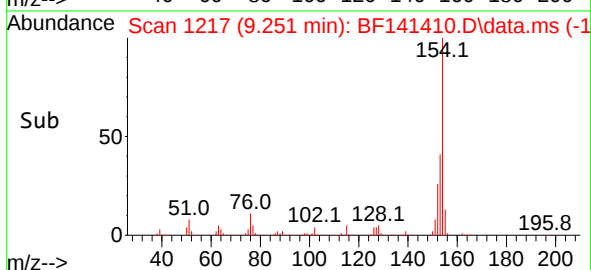
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

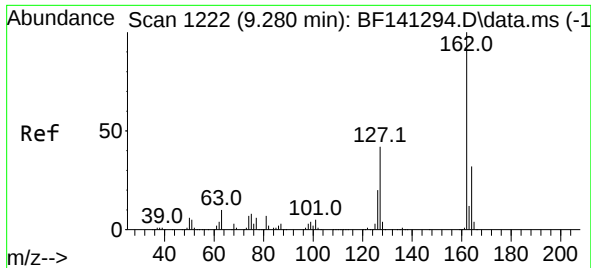


#46
1,1'-Biphenyl
Concen: 39.860 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:154 Resp: 583575
Ion Ratio Lower Upper
154 100
153 40.9 20.0 60.0
76 11.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.569 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

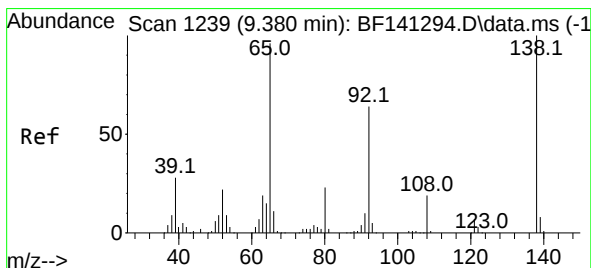
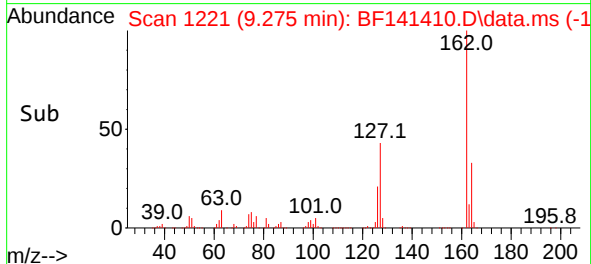
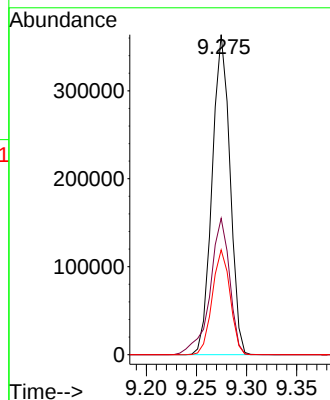
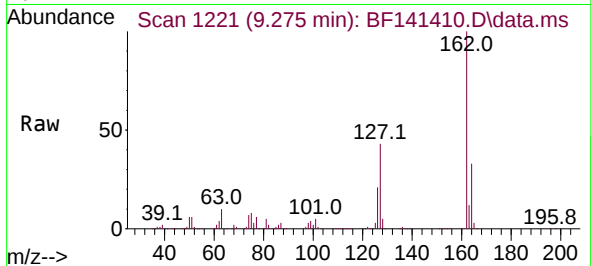
Tgt Ion:162 Resp: 451544
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.7 50.5
 164 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#48

2-Nitroaniline

Concen: 41.421 ng

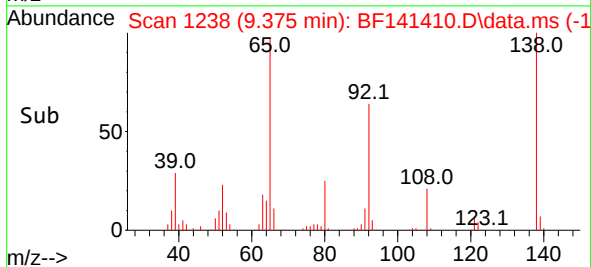
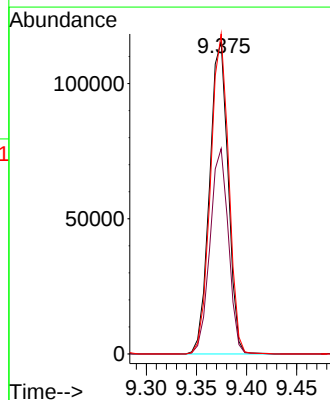
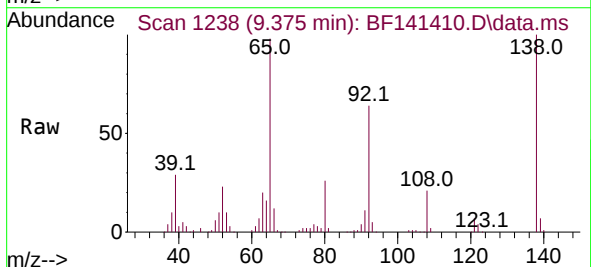
RT: 9.375 min Scan# 1238

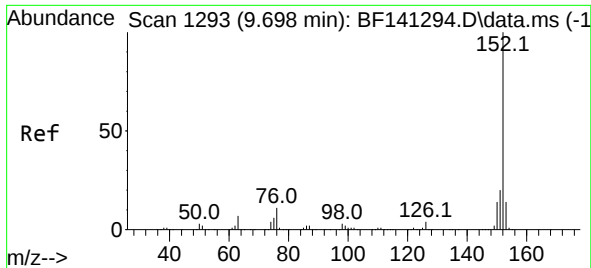
Delta R.T. -0.006 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Tgt Ion: 65 Resp: 148678
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.3 79.9
 138 102.4 83.6 125.4





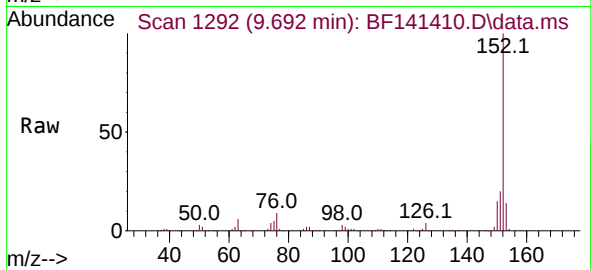
#49
Acenaphthylene
Concen: 40.428 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

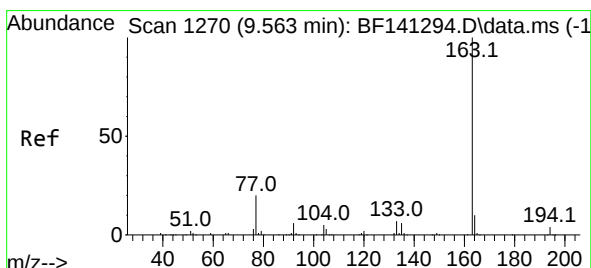
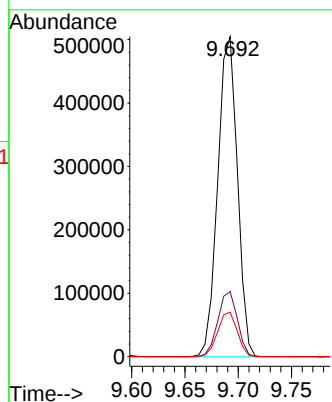
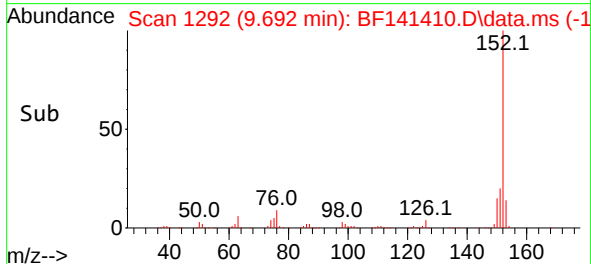


Tgt Ion:152 Resp: 64579
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.9 11.0 16.6

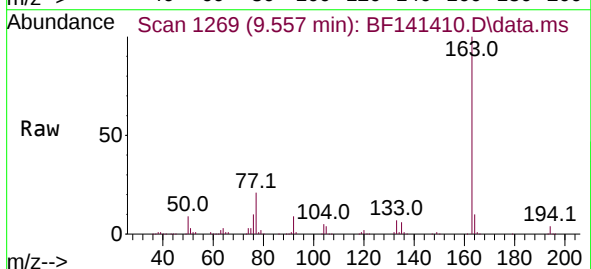
Manual Integrations

APPROVED

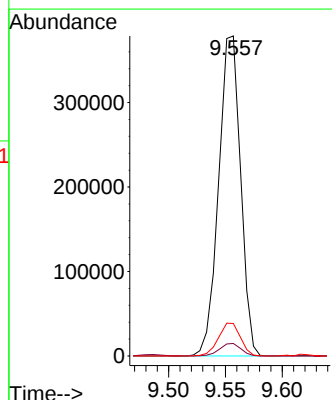
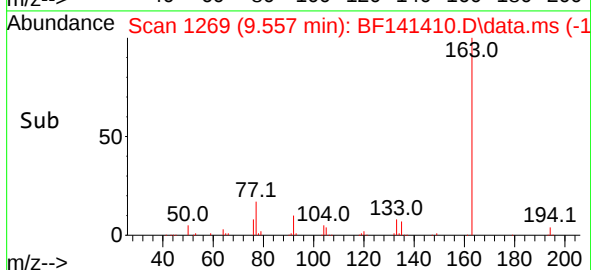
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

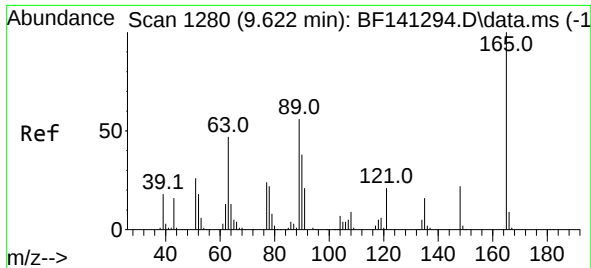


#50
Dimethylphthalate
Concen: 40.231 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:163 Resp: 510098
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 41.088 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

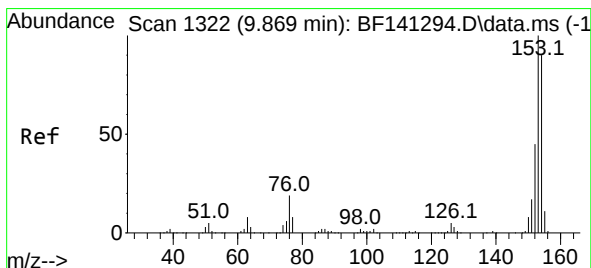
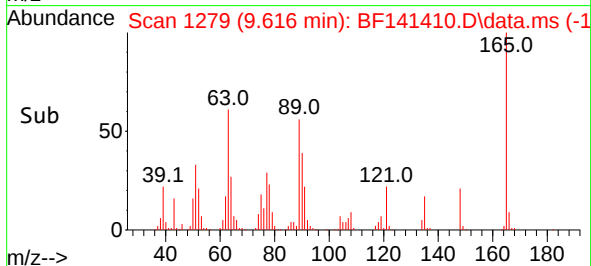
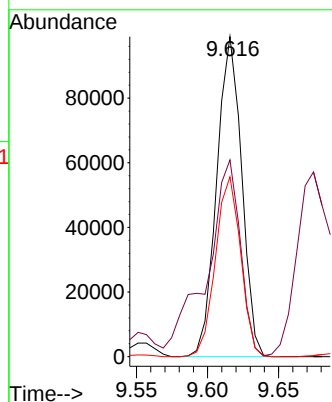
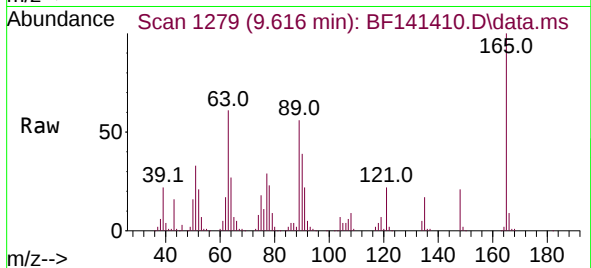
SSTDCCC040

Tgt Ion:165 Resp: 120960
Ion Ratio Lower Upper
165 100
63 61.5 48.1 72.1
89 56.2 44.9 67.3

Manual Integrations

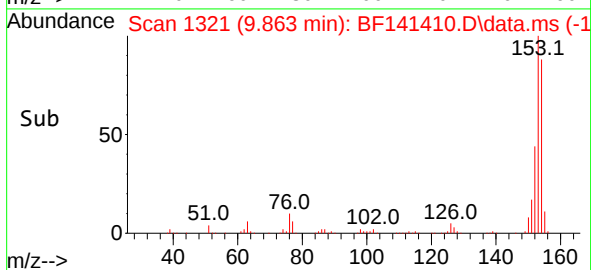
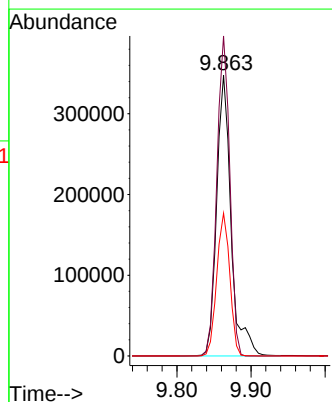
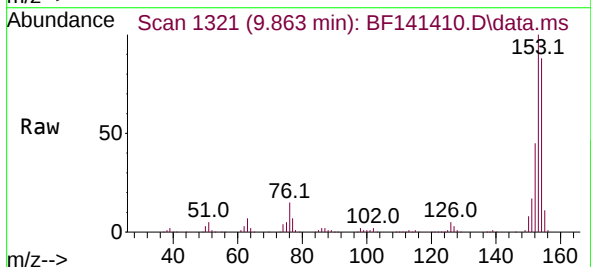
APPROVED

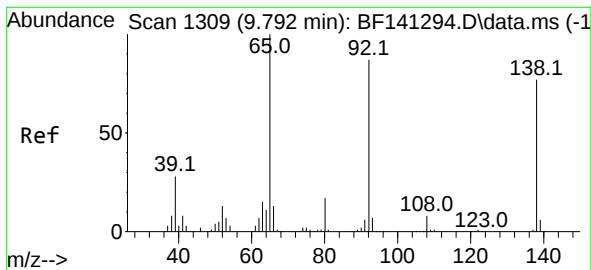
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#52
Acenaphthene
Concen: 41.148 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:154 Resp: 469576
Ion Ratio Lower Upper
154 100
153 113.9 89.0 133.4
152 50.8 40.2 60.4





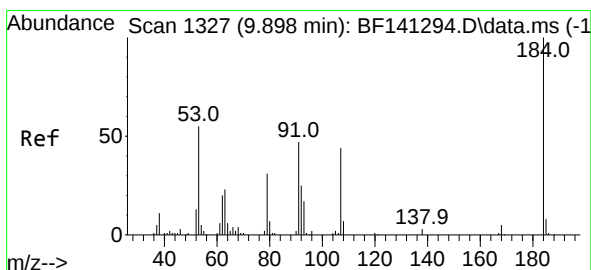
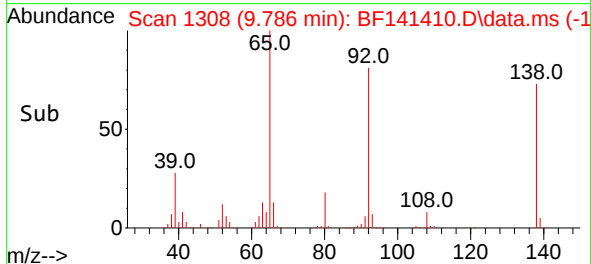
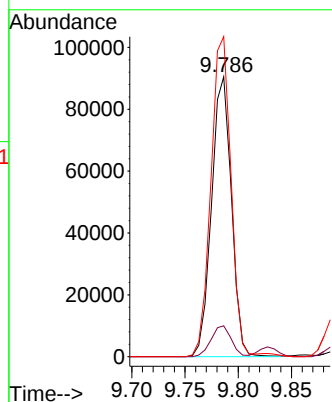
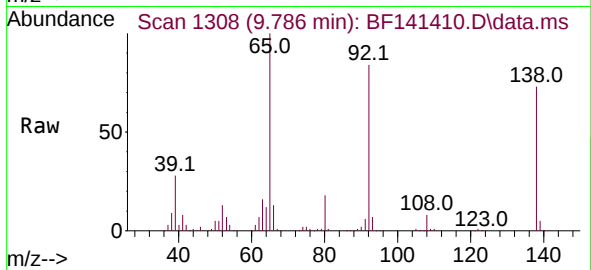
#53
3-Nitroaniline
Concen: 40.616 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 11719
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 114.3 91.0 136.6

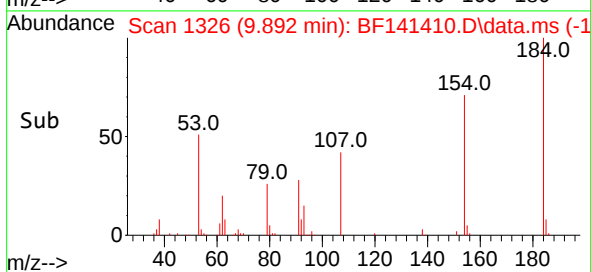
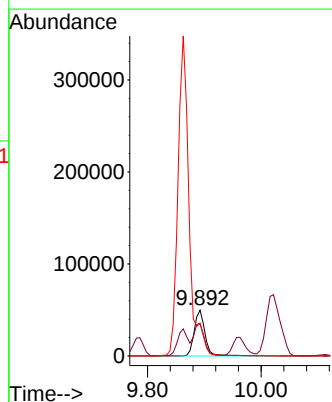
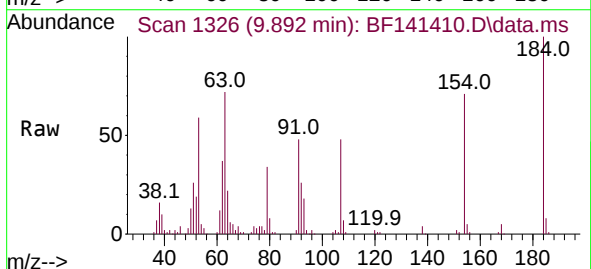
Manual Integrations
APPROVED

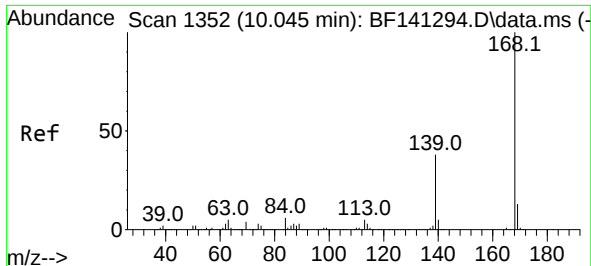
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#54
2,4-Dinitrophenol
Concen: 48.068 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

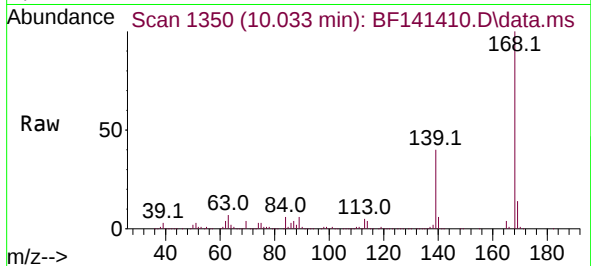
Tgt Ion:184 Resp: 65781
Ion Ratio Lower Upper
184 100
63 71.7 54.1 81.1
154 70.6 50.7 76.1





#55
Dibenzenofuran
Concen: 40.736 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

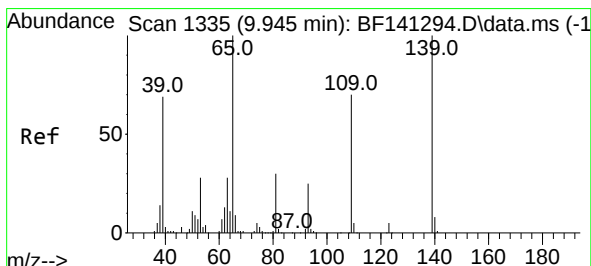
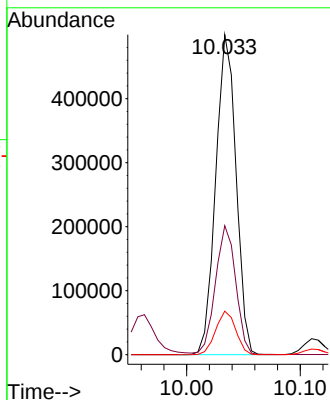
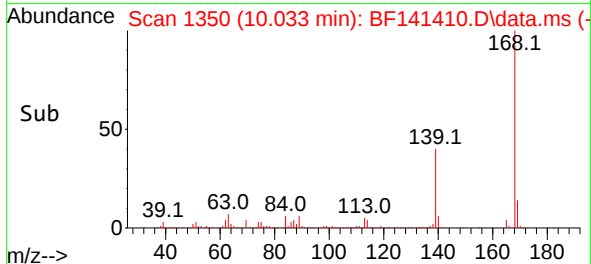
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 62226
Ion Ratio Lower Upper
168 100
139 40.3 30.6 46.0
169 13.6 10.8 16.2

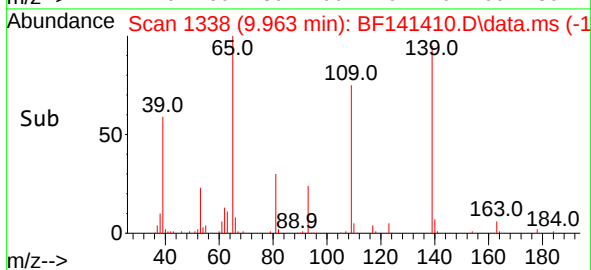
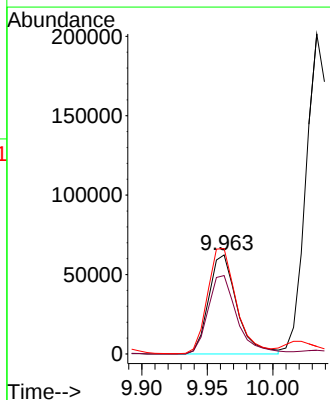
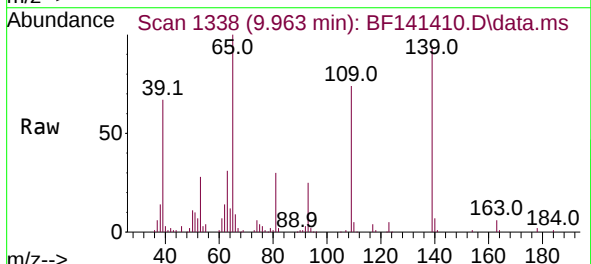
Manual Integrations
APPROVED

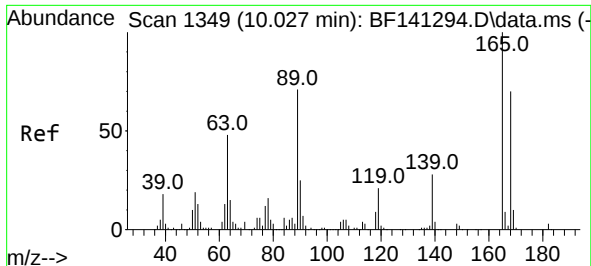
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#56
4-Nitrophenol
Concen: 44.180 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:139 Resp: 93228
Ion Ratio Lower Upper
139 100
109 79.2 50.2 90.2
65 106.5 80.6 120.6





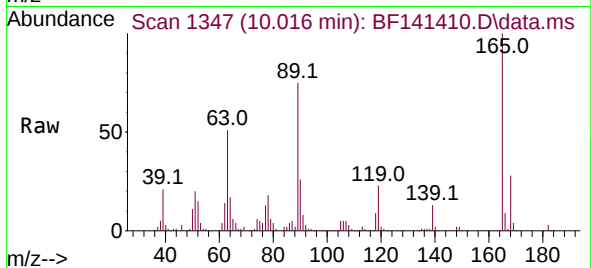
#57
2,4-Dinitrotoluene
Concen: 43.245 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

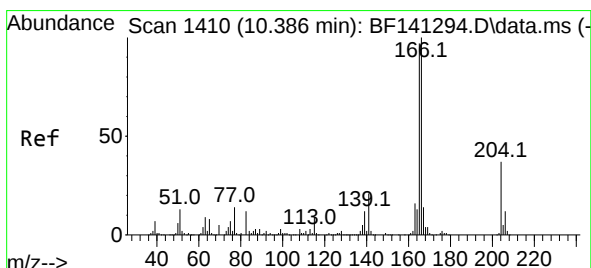
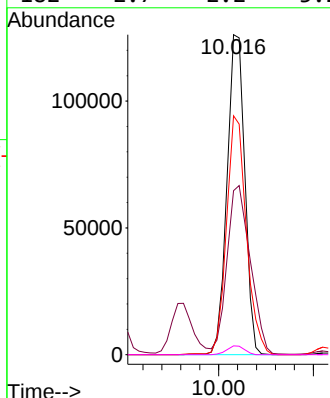
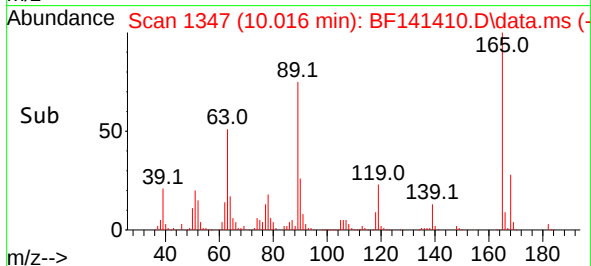


Tgt Ion:165 Resp: 16483
Ion Ratio Lower Upper
165 100
63 51.3 39.2 58.8
89 74.7 56.9 85.3
182 2.7 2.2 3.2

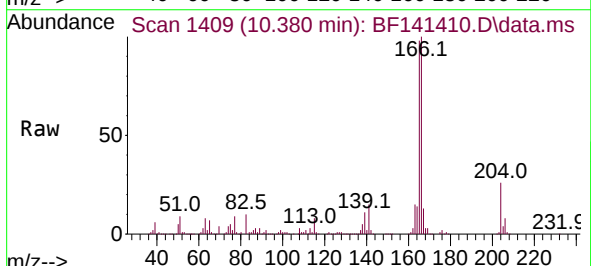
Manual Integrations

APPROVED

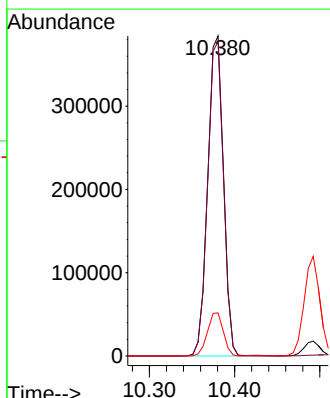
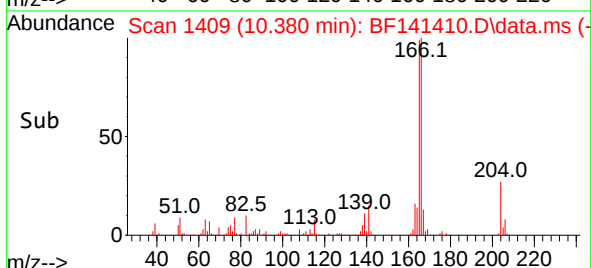
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#58
Fluorene
Concen: 41.680 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



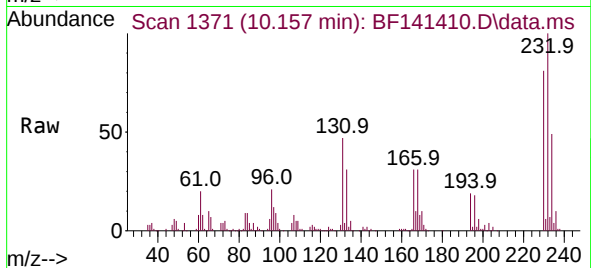
Tgt Ion:166 Resp: 493864
Ion Ratio Lower Upper
166 100
165 98.3 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.135 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

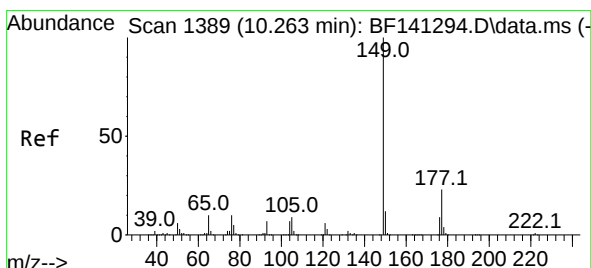
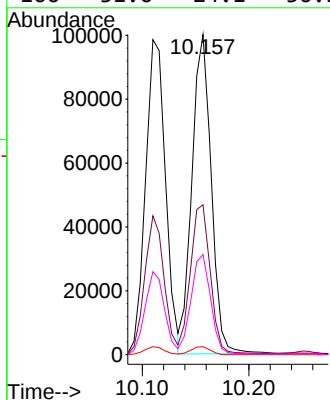
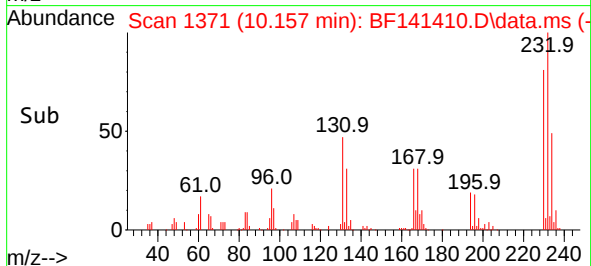
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



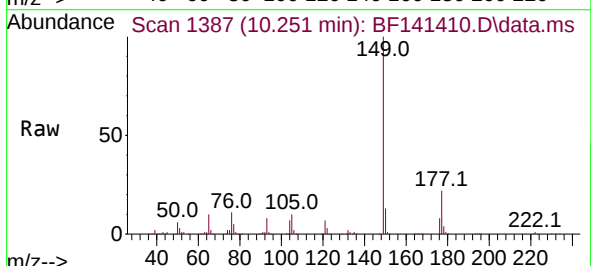
Tgt Ion:232 Resp: 126118
Ion Ratio Lower Upper
232 100
131 49.0 36.4 54.6
130 2.5 1.9 2.9
166 31.6 24.1 36.1

Manual Integrations
APPROVED

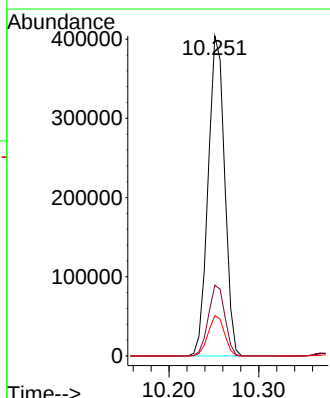
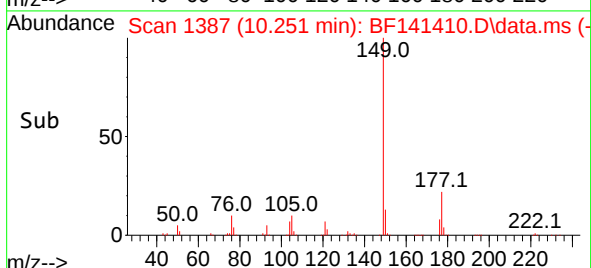
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

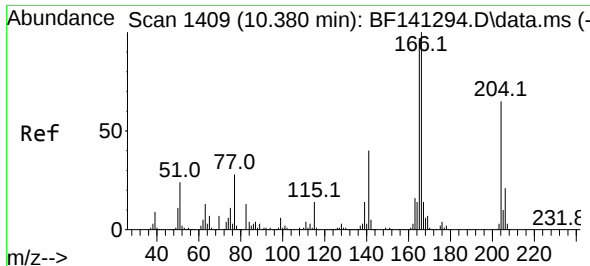


#60
Diethylphthalate
Concen: 41.811 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:149 Resp: 514014
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.6 10.0 15.0





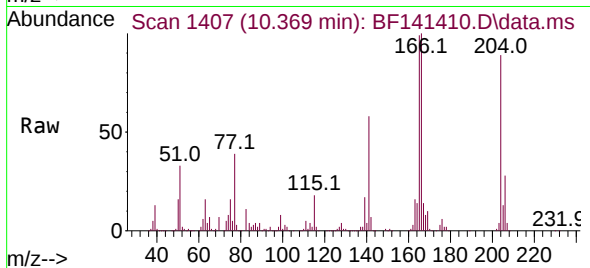
#61
4-Chlorophenyl-phenylether
Concen: 41.757 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

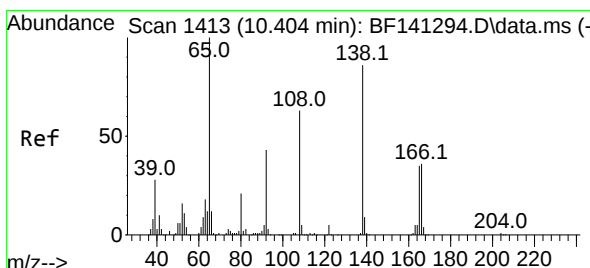
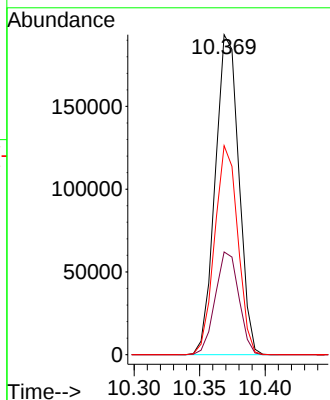
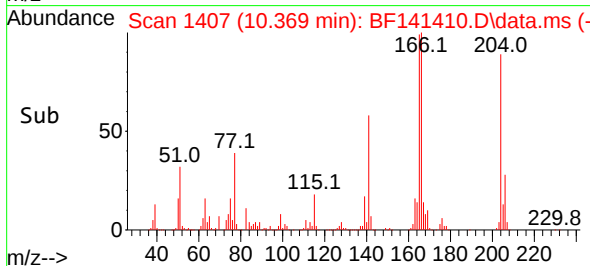


Tgt Ion:204 Resp: 241680
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 65.3 49.5 74.3

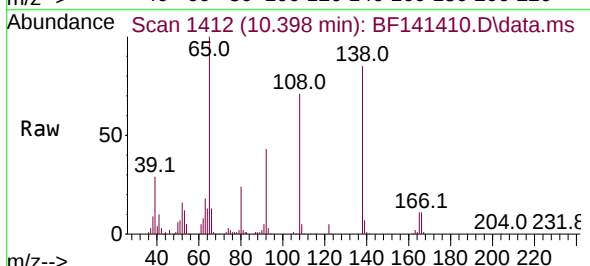
Manual Integrations

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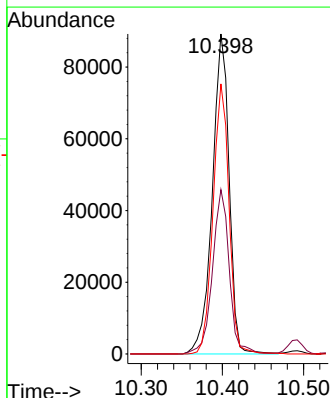
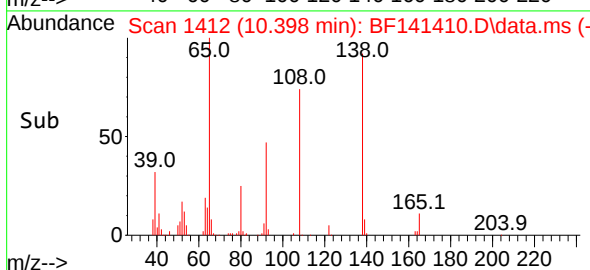
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

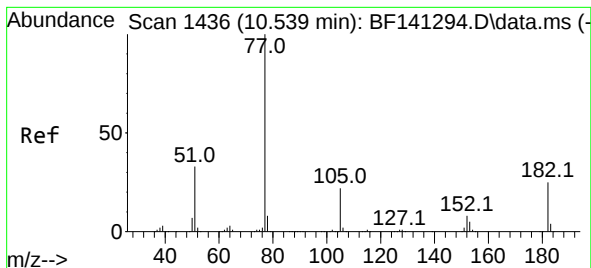


#62
4-Nitroaniline
Concen: 45.227 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



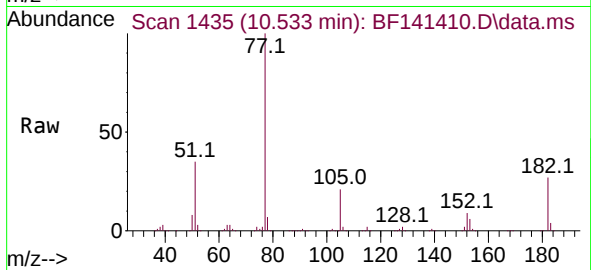
Tgt Ion:138 Resp: 128297
Ion Ratio Lower Upper
138 100
92 51.4 30.1 70.1
108 84.4 53.1 93.1





#63
Azobenzene
Concen: 39.824 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

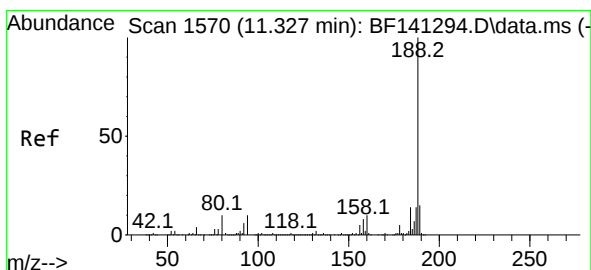
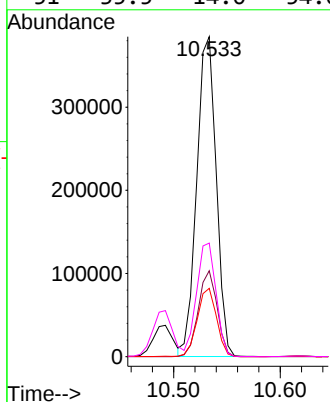
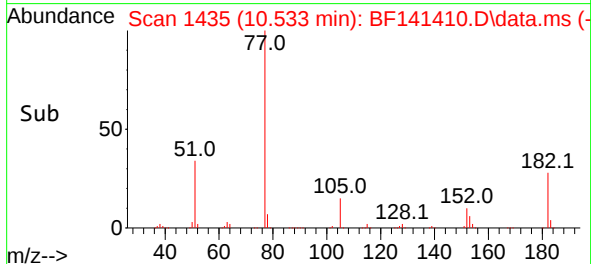
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



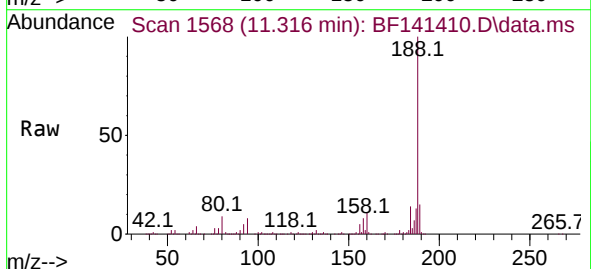
Tgt Ion: 77 Resp: 490065
Ion Ratio Lower Upper
77 100
182 26.9 5.1 45.1
105 21.3 1.8 41.8
51 35.5 14.0 54.0

Manual Integrations
APPROVED

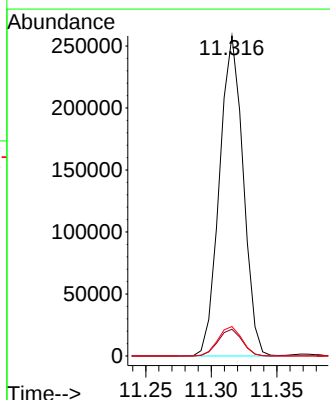
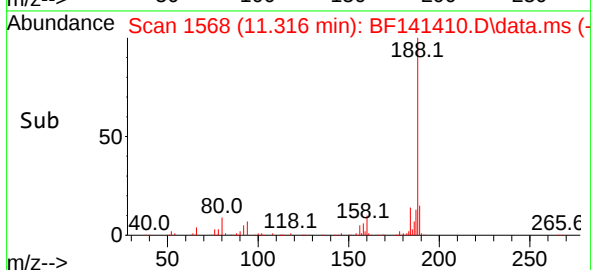
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

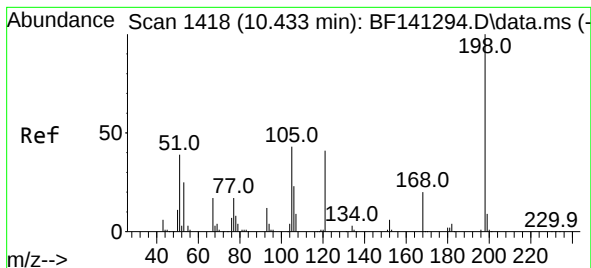


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:188 Resp: 325046
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.2 8.2 12.4





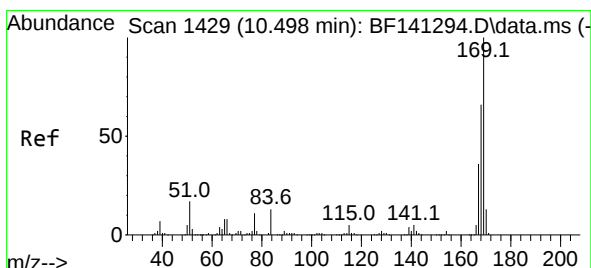
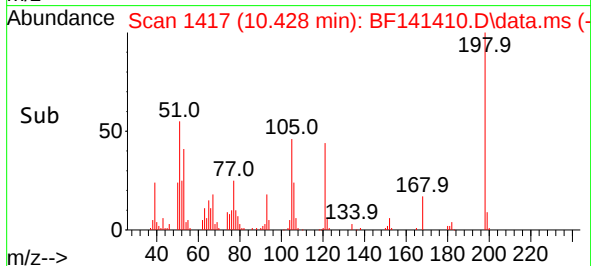
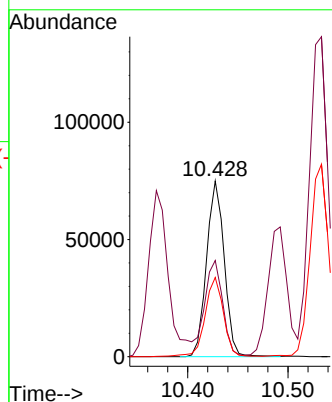
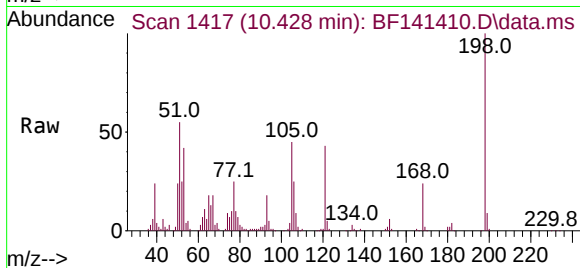
#65
4,6-Dinitro-2-methylphenol
Concen: 47.978 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 92244
Ion Ratio Lower Upper
198 100
51 54.7 33.4 73.4
105 45.1 24.4 64.4

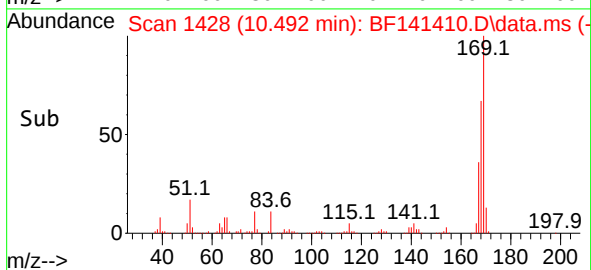
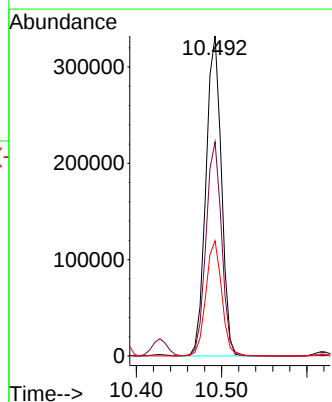
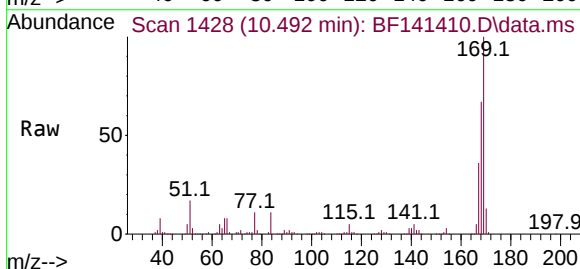
Manual Integrations
APPROVED

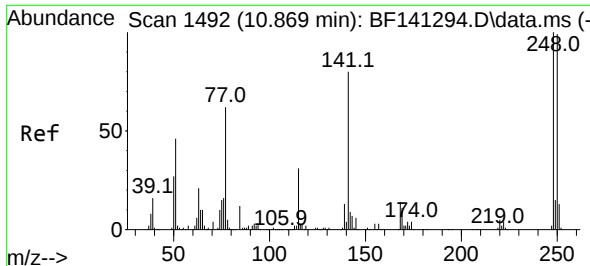
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#66
n-Nitrosodiphenylamine
Concen: 39.757 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

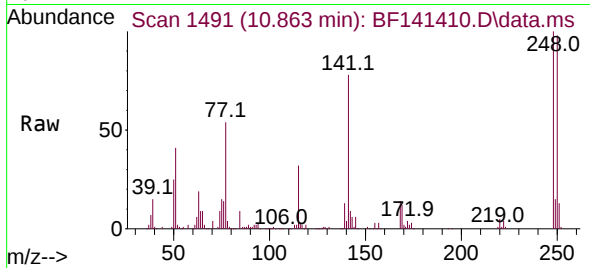
Tgt Ion:169 Resp: 417972
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 40.899 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

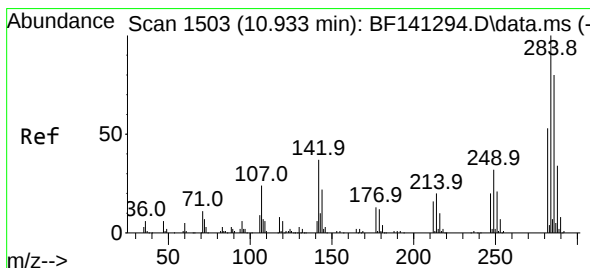
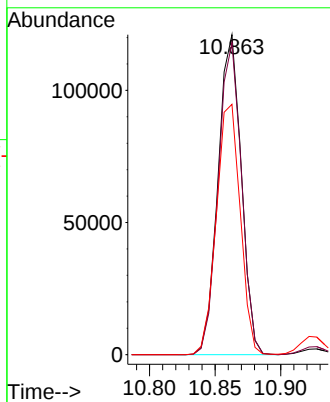
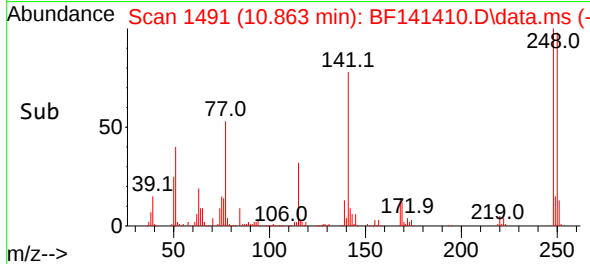
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



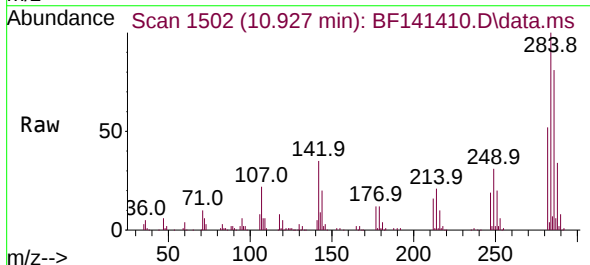
Tgt Ion:248 Resp: 14883
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 78.2 63.7 95.5

Manual Integrations
APPROVED

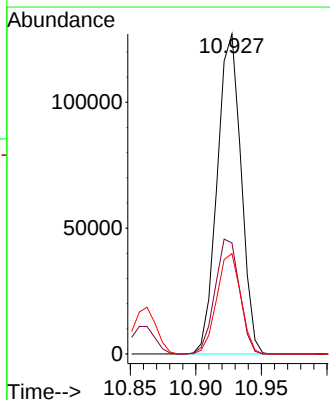
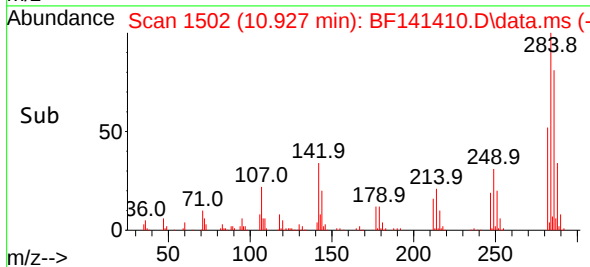
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

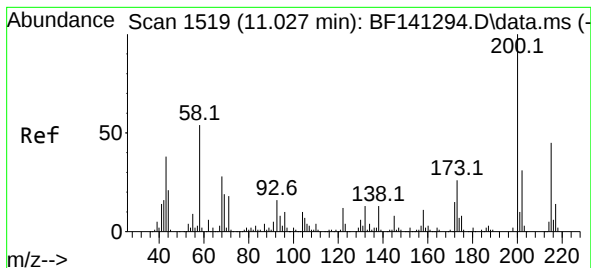


#68
Hexachlorobenzene
Concen: 41.684 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:284 Resp: 160903
Ion Ratio Lower Upper
284 100
142 34.7 29.5 44.3
249 31.4 25.4 38.2





#69

Atrazine

Concen: 39.071 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.018 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 13733

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

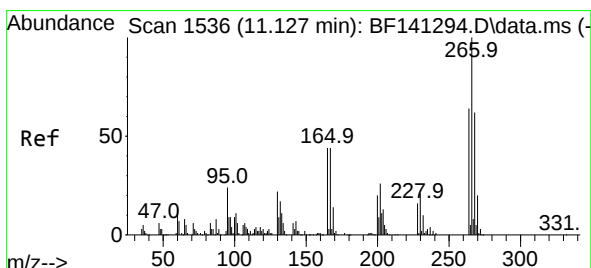
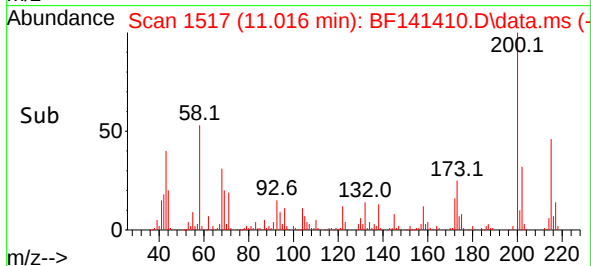
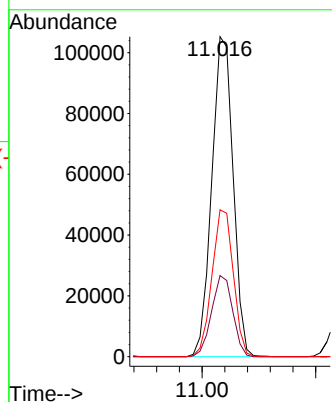
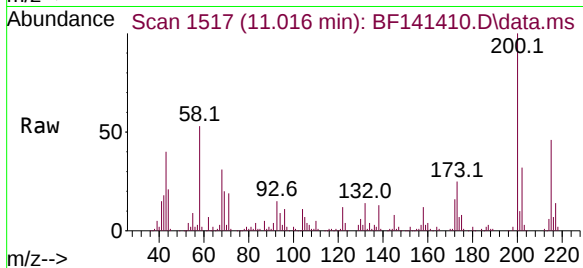
215 45.9 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#70

Pentachlorophenol

Concen: 45.399 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

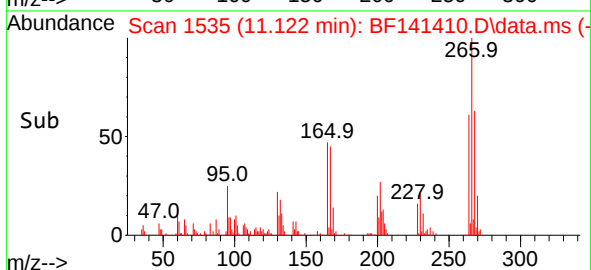
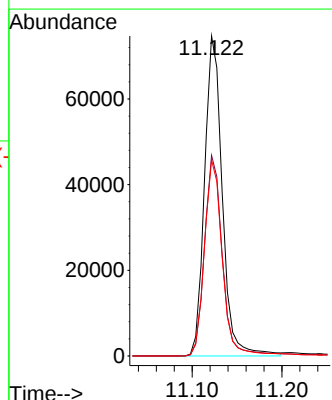
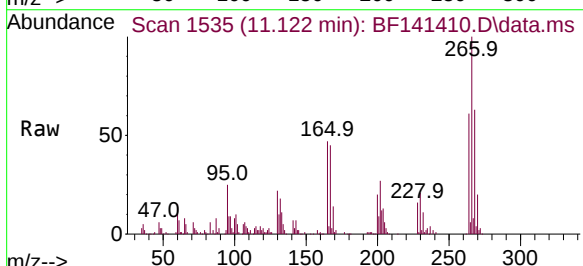
Tgt Ion:266 Resp: 102619

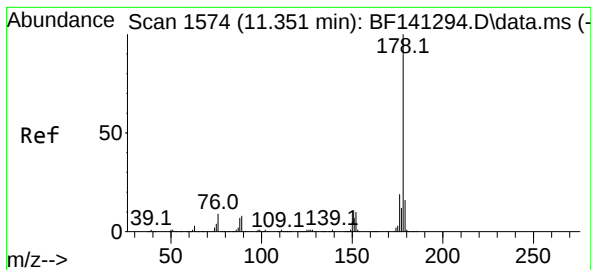
Ion Ratio Lower Upper

266 100

268 62.7 49.9 74.9

264 61.2 51.0 76.4





#71

Phenanthrene

Concen: 41.409 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 723529

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

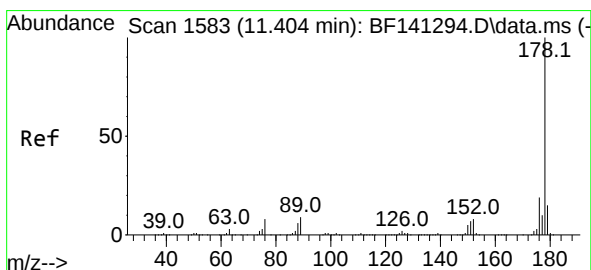
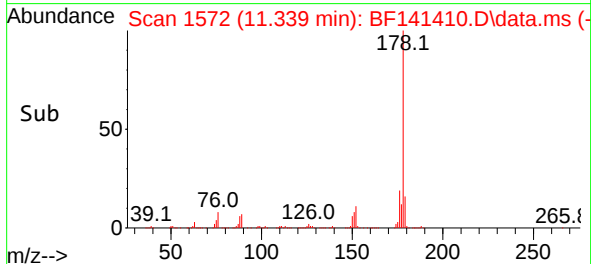
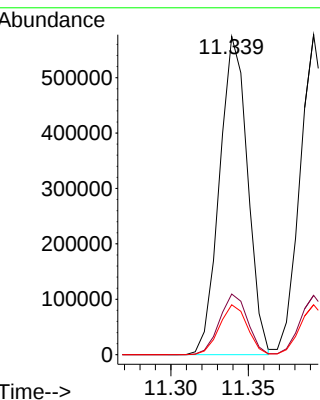
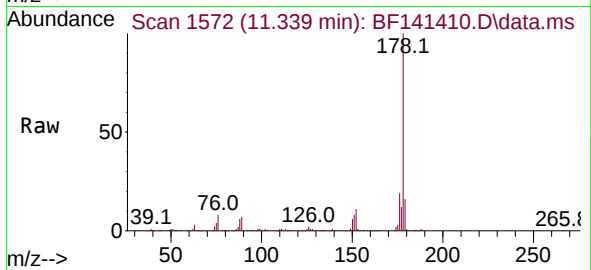
179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#72

Anthracene

Concen: 41.850 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

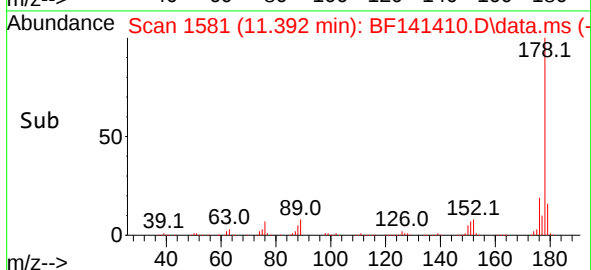
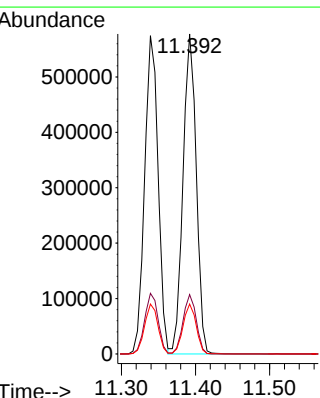
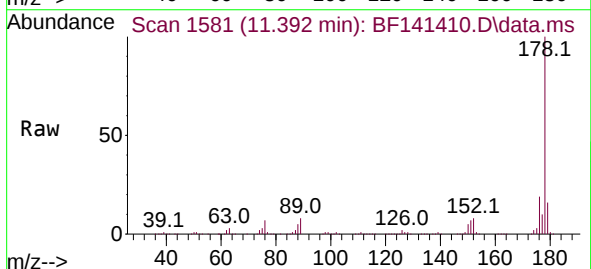
Tgt Ion:178 Resp: 716469

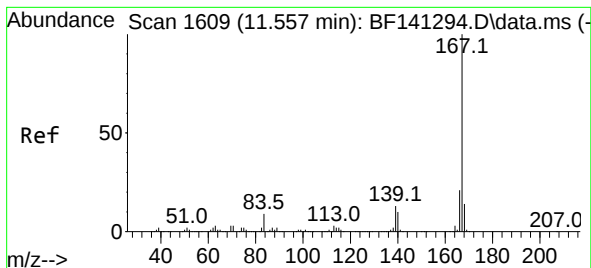
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

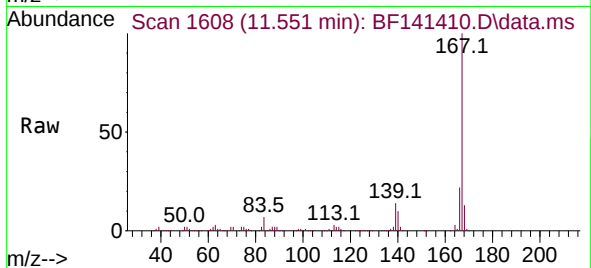
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 43.663 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141410.D
 Acq: 04 Feb 2025 15:58

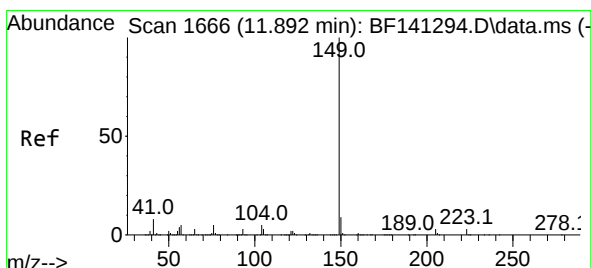
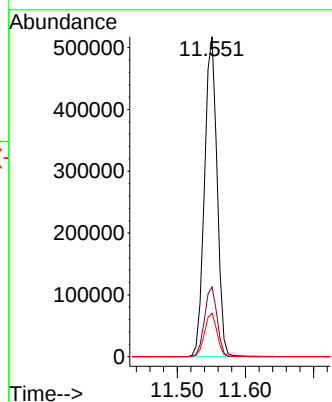
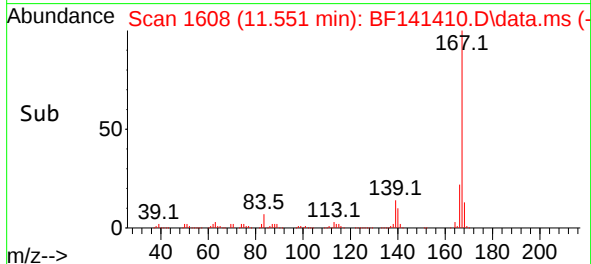
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



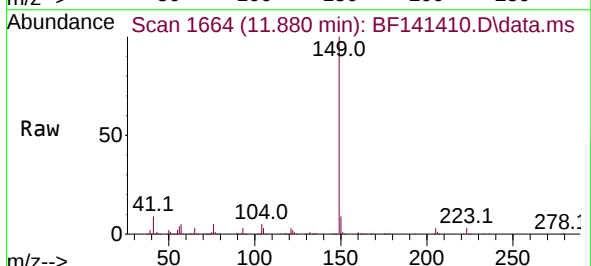
Tgt Ion:167 Resp: 662834
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.6 10.6 16.0

Manual Integrations
 APPROVED

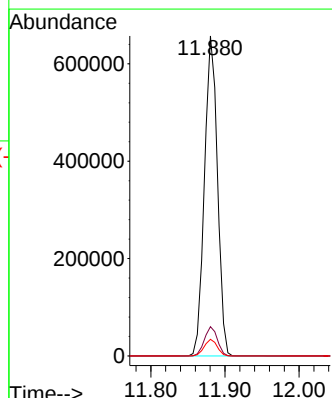
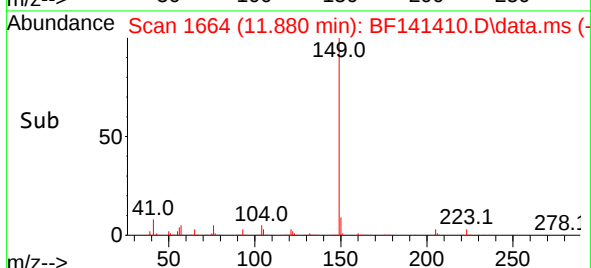
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

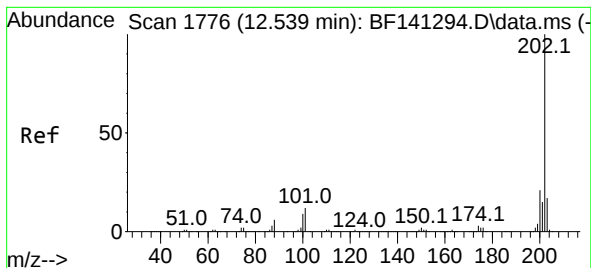


#74
 Di-n-butylphthalate
 Concen: 43.495 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141410.D
 Acq: 04 Feb 2025 15:58



Tgt Ion:149 Resp: 800193
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 3.9 5.9





#75

Fluoranthene

Concen: 46.442 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141410.D

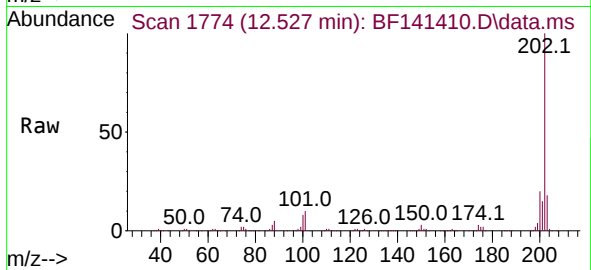
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:202 Resp: 80122

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.7

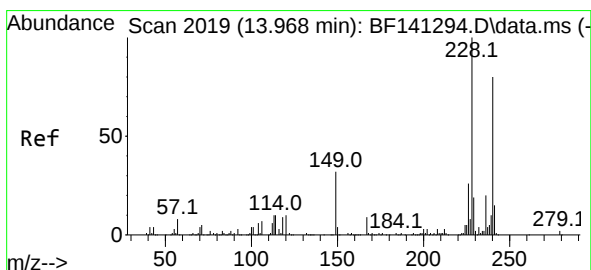
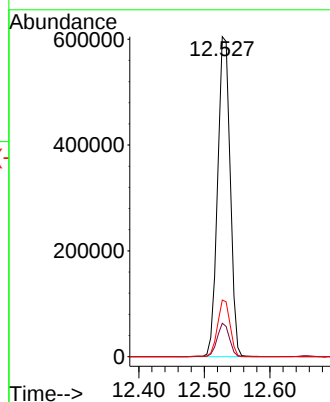
203 17.7 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

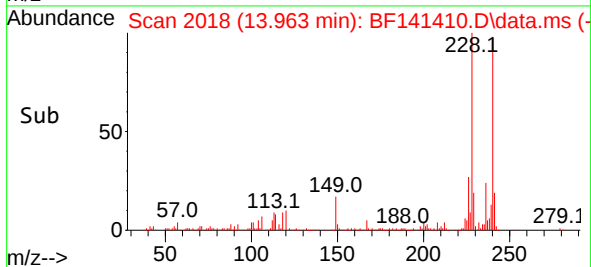
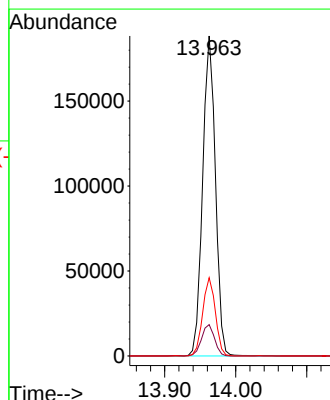
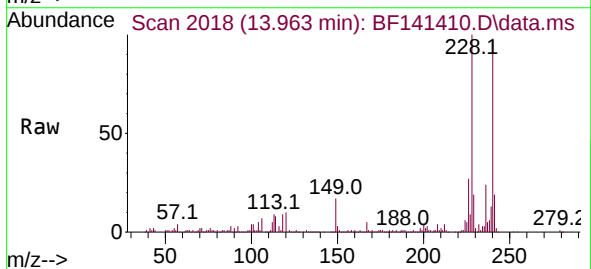
Tgt Ion:240 Resp: 235785

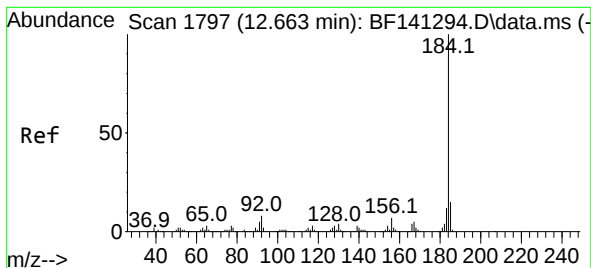
Ion Ratio Lower Upper

240 100

120 9.8 10.0 15.0#

236 24.4 19.7 29.5





#77

Benzidine

Concen: 39.706 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 300130

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

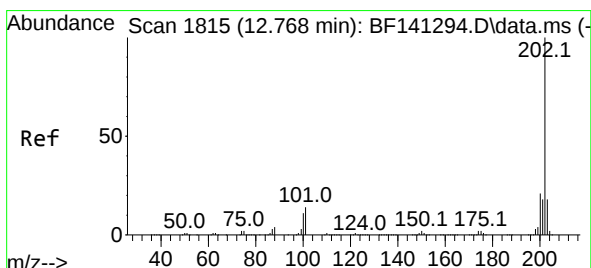
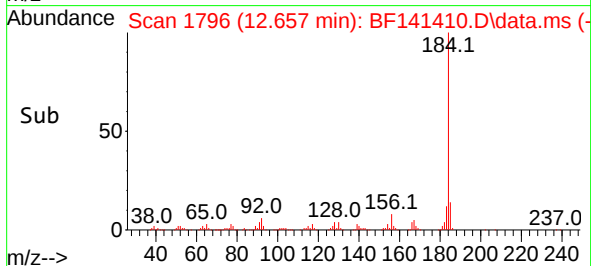
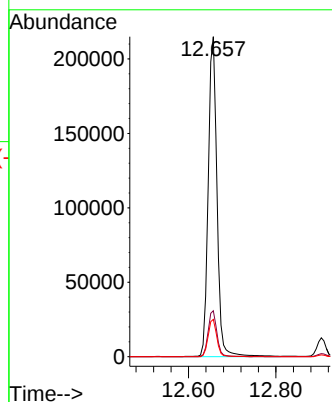
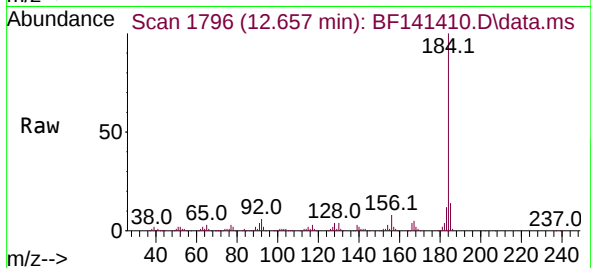
183 11.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#78

Pyrene

Concen: 36.091 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

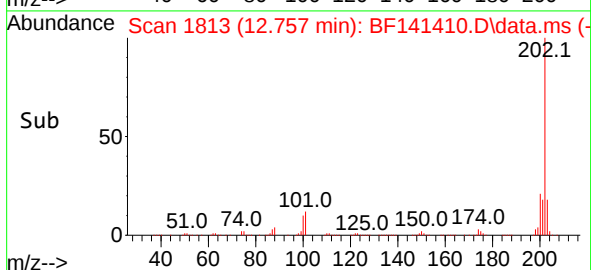
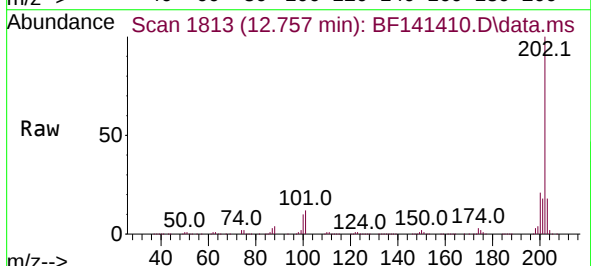
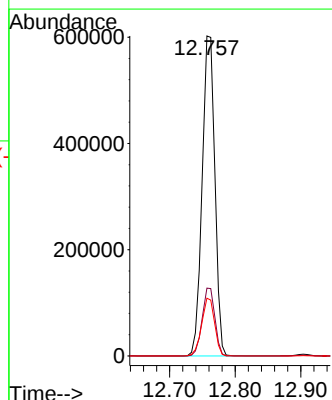
Tgt Ion:202 Resp: 816862

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

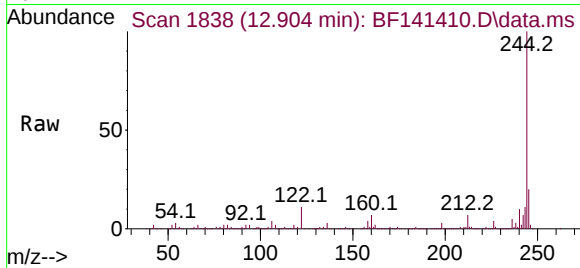
203 18.1 14.3 21.5





#79
 Terphenyl-d14
 Concen: 75.722 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141410.D
 Acq: 04 Feb 2025 15:58

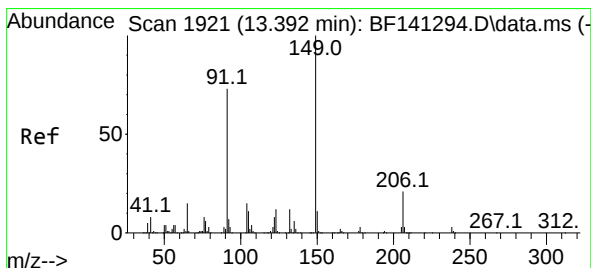
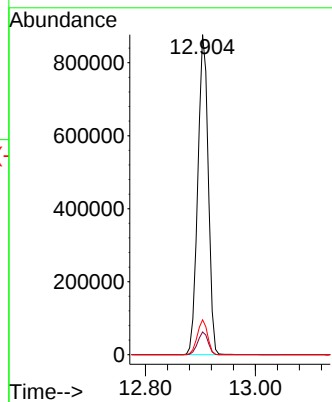
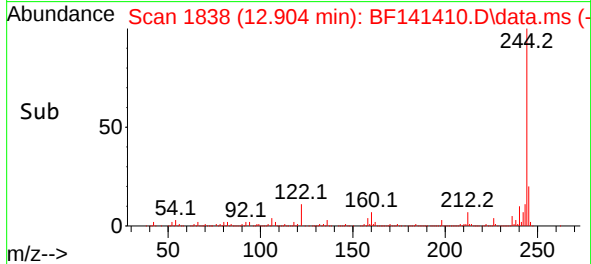
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 115771
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.9 8.8 13.2

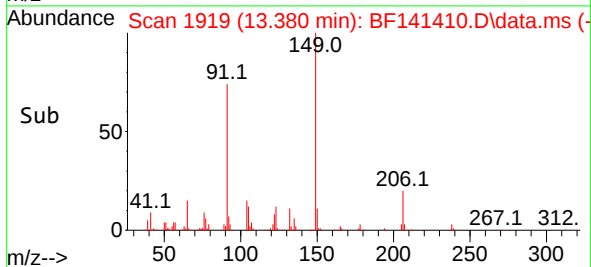
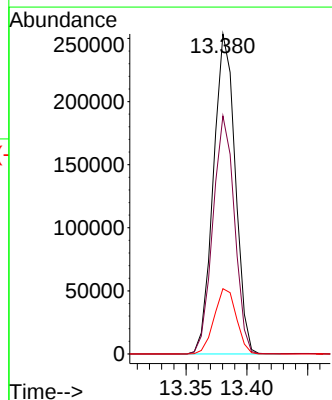
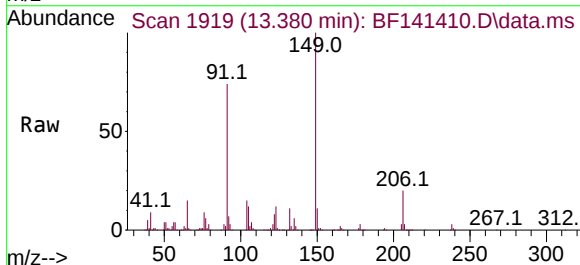
Manual Integrations
 APPROVED

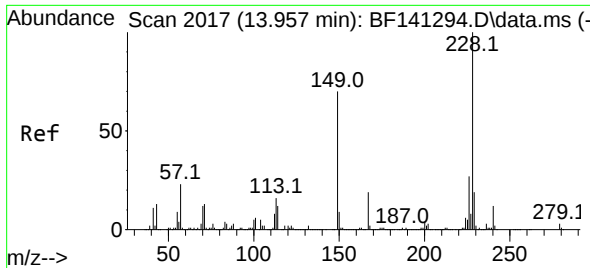
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#80
 Butylbenzylphthalate
 Concen: 40.003 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141410.D
 Acq: 04 Feb 2025 15:58

Tgt Ion:149 Resp: 316309
 Ion Ratio Lower Upper
 149 100
 91 74.4 58.6 87.8
 206 20.4 16.7 25.1





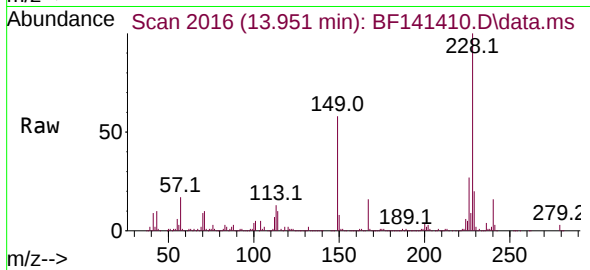
#81
Benzo(a)anthracene
Concen: 37.039 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



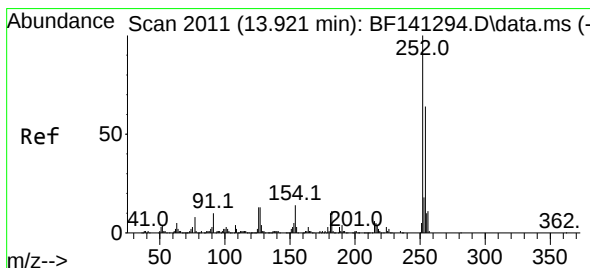
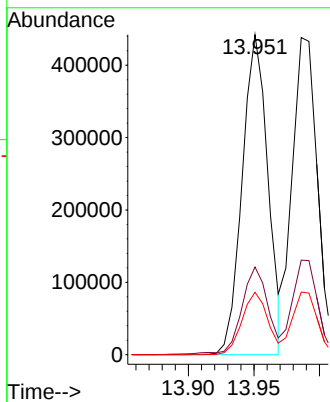
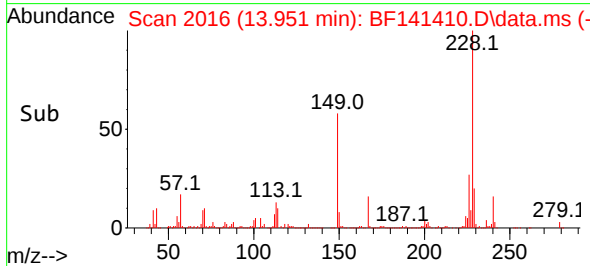
Tgt Ion:228 Resp: 602639
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 19.5 15.5 23.3

Manual Integrations

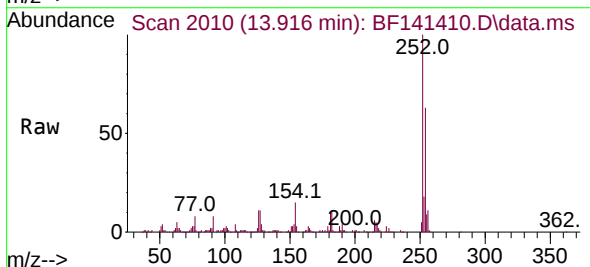
APPROVED

Reviewed By :Yogesh Patel 02/05/2025

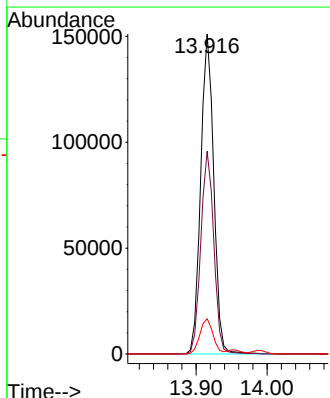
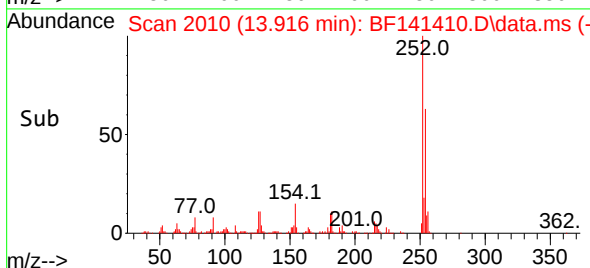
Supervised By :mohammad ahmed 02/05/2025

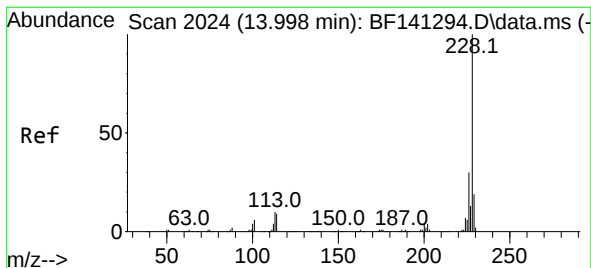


#82
3,3'-Dichlorobenzidine
Concen: 37.342 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:252 Resp: 193238
Ion Ratio Lower Upper
252 100
254 63.4 51.3 76.9
126 11.0 10.0 15.0





#83

Chrysene

Concen: 39.150 ng

RT: 13.986 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

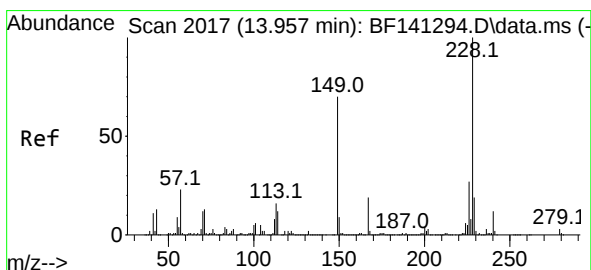
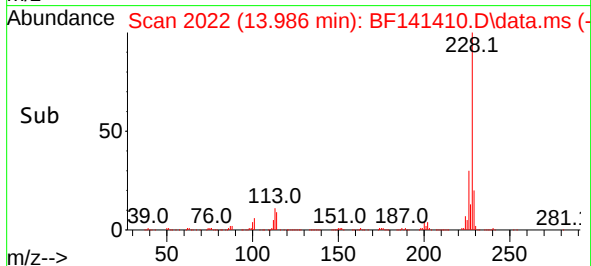
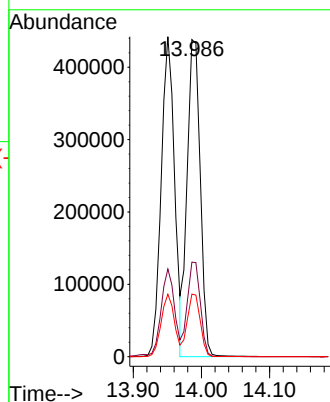
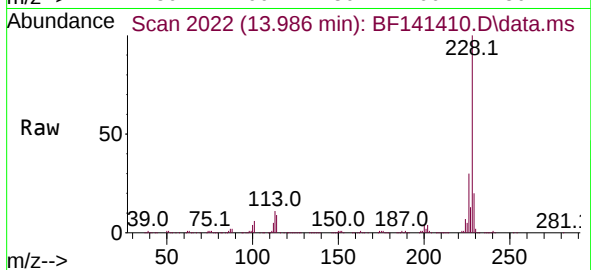
SSTDCCC040

Tgt Ion:228 Resp: 583789
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.225 ng

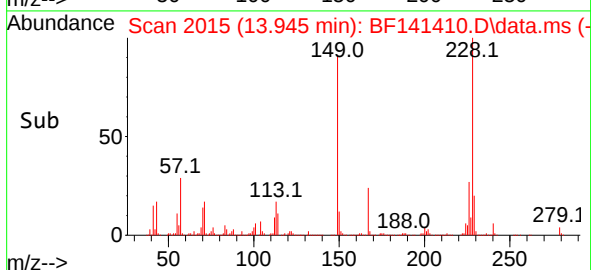
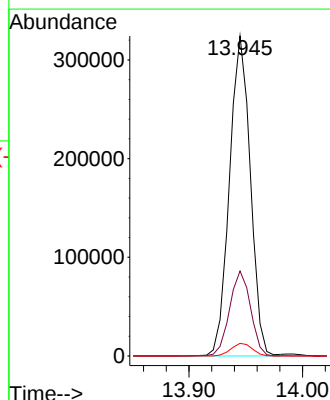
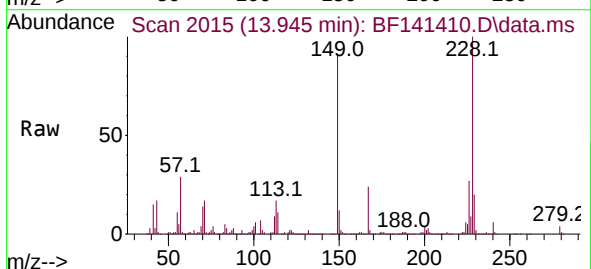
RT: 13.945 min Scan# 2015

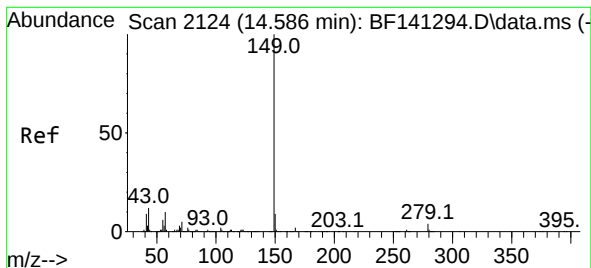
Delta R.T. -0.012 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Tgt Ion:149 Resp: 413503
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.8 32.8
 279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.161 ng

RT: 14.568 min Scan# 2124

Delta R.T. -0.018 min

Lab File: BF141410.D

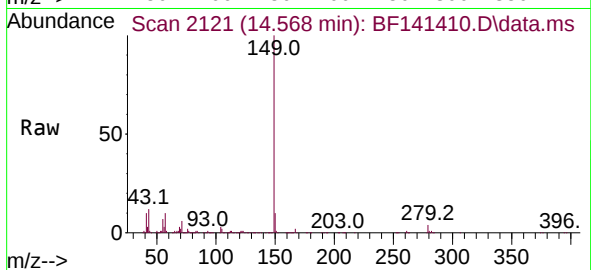
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 625670

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

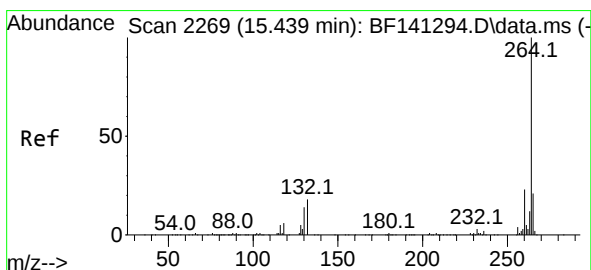
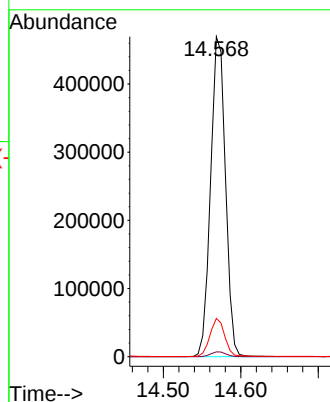
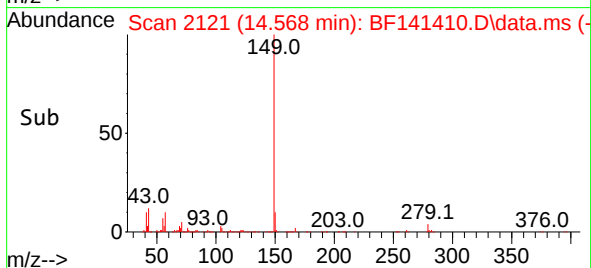
43 11.9 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

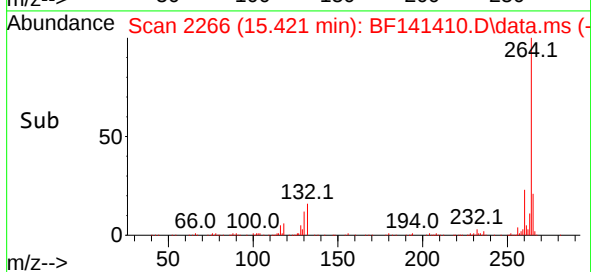
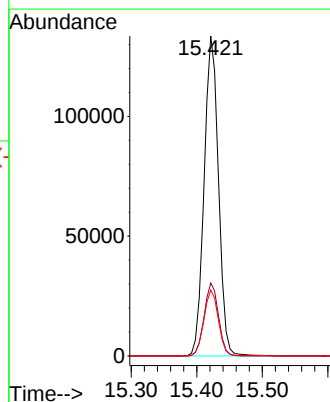
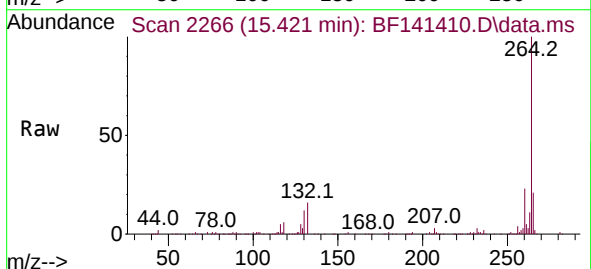
Tgt Ion:264 Resp: 203742

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.6 16.7 25.1





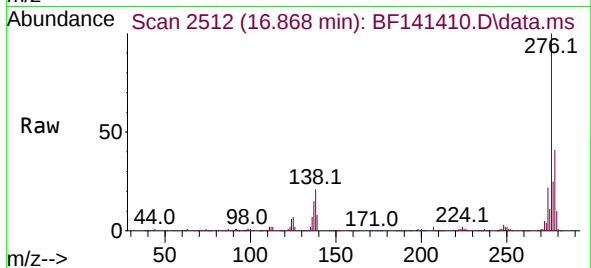
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.413 ng
RT: 16.868 min Scan# 21195
Delta R.T. -0.030 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

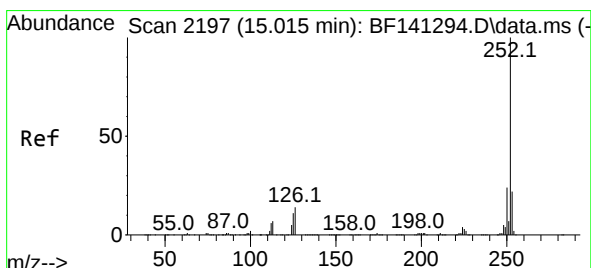
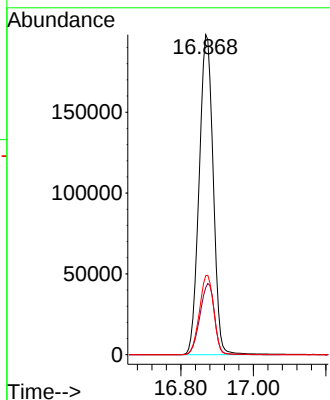
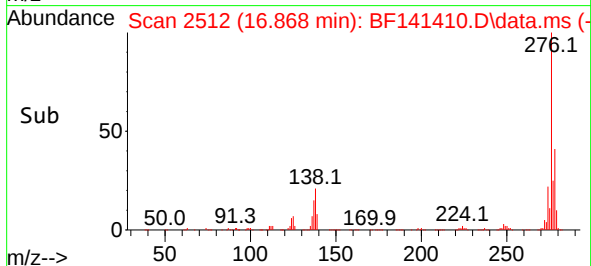


Tgt Ion:276 Resp: 531435
Ion Ratio Lower Upper
276 100
138 22.9 21.7 32.5
277 25.4 20.3 30.5

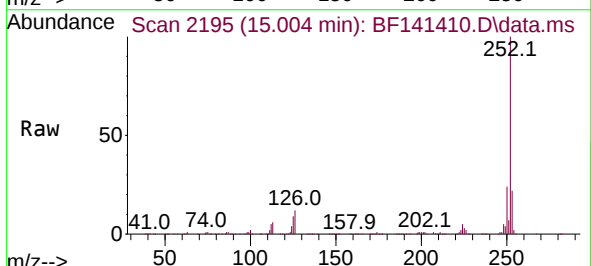
Manual Integrations

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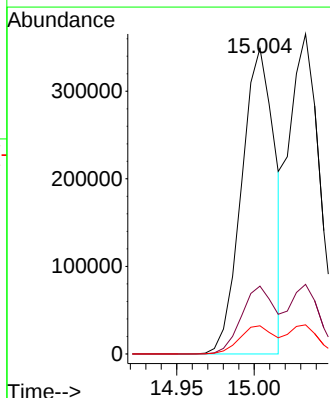
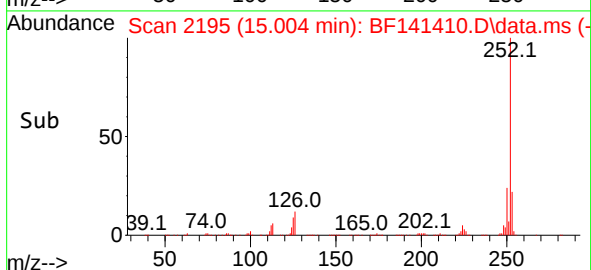
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

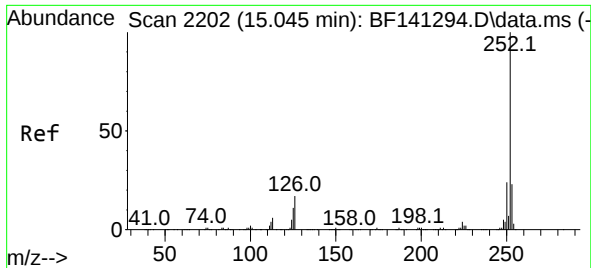


#88
Benzo(b)fluoranthene
Concen: 40.568 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58



Tgt Ion:252 Resp: 519917
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.2 8.6 12.8





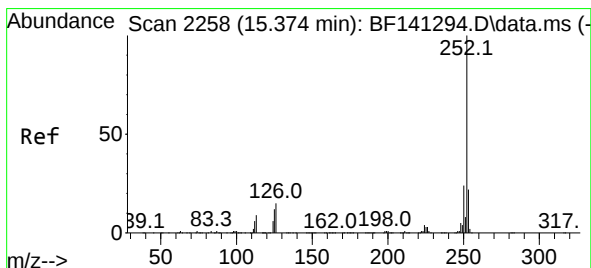
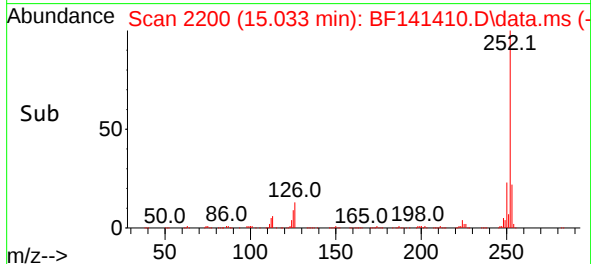
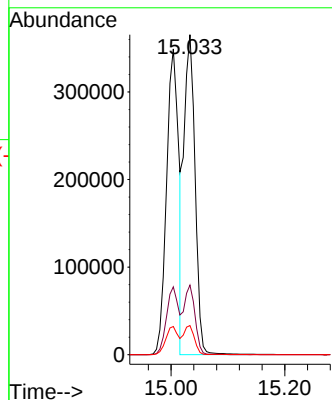
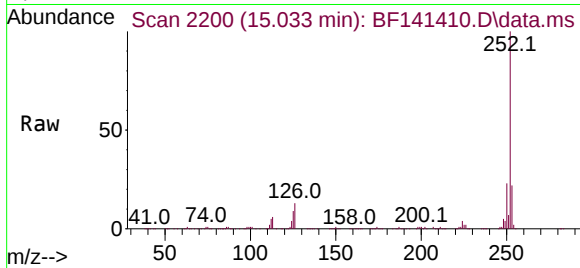
#89
Benzo(k)fluoranthene
Concen: 43.621 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 49524
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.1 8.4 12.6

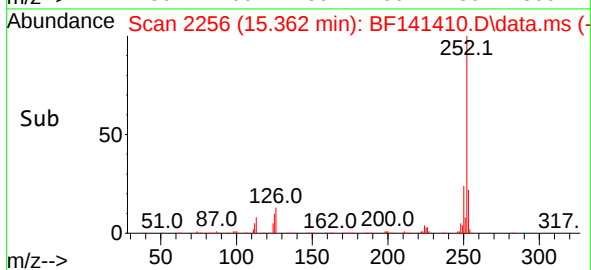
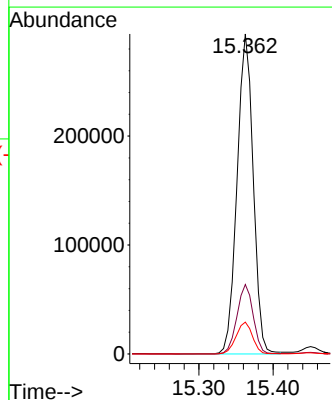
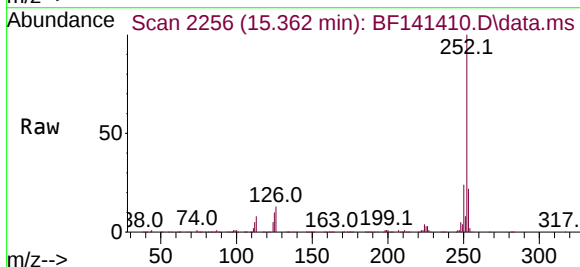
Manual Integrations
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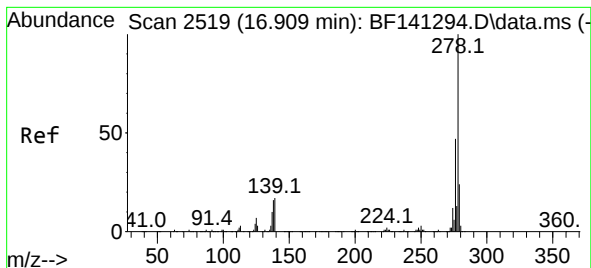
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#90
Benzo(a)pyrene
Concen: 41.076 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141410.D
Acq: 04 Feb 2025 15:58

Tgt Ion:252 Resp: 444854
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 40.648 ng

RT: 16.886 min Scan# 2519

Delta R.T. -0.035 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 43004

Ion Ratio Lower Upper

278 100

139 15.0 13.9 20.9

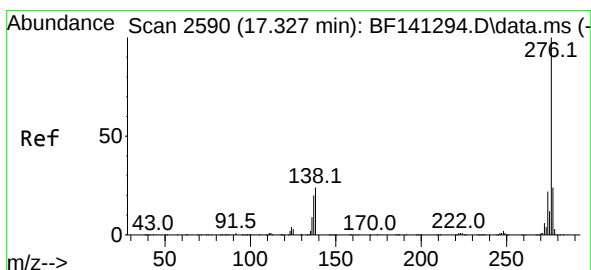
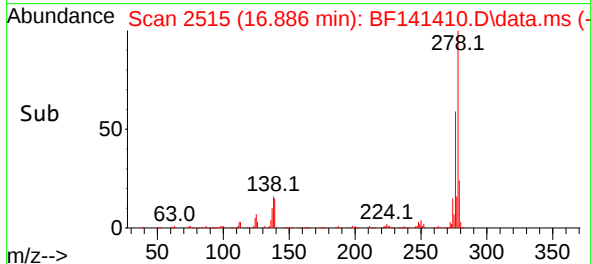
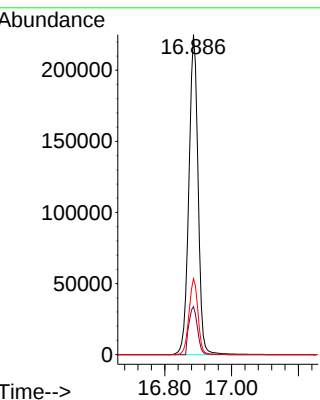
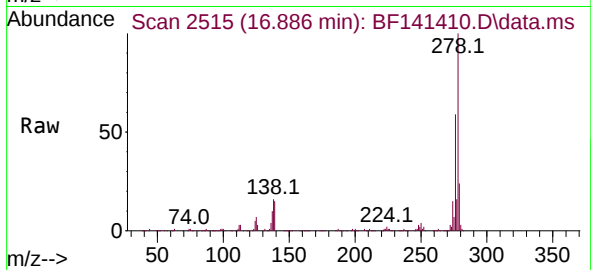
279 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#92

Benzo(g,h,i)perylene

Concen: 39.851 ng

RT: 17.304 min Scan# 2586

Delta R.T. -0.041 min

Lab File: BF141410.D

Acq: 04 Feb 2025 15:58

Tgt Ion:276 Resp: 438392

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 19.4 19.0 28.4

