

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141296.D
 Acq On : 29 Jan 2025 16:38
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 17:20:45 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 17:14:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125203	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	490777	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260269	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	434671	20.000	ng	0.00
76) Chrysene-d12	13.974	240	225615	20.000	ng	0.00
86) Perylene-d12	15.451	264	265921	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	952391	113.729	ng	0.00
7) Phenol-d6	6.434	99	1210477	113.542	ng	0.00
23) Nitrobenzene-d5	7.369	82	1098197	115.711	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	279105	113.824	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1824372	102.411	ng	0.00
79) Terphenyl-d14	12.916	244	1665591	109.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	213805	58.657	ng	99
3) Pyridine	3.216	79	527201	60.698	ng	99
4) n-Nitrosodimethylamine	3.181	42	305314	61.956	ng	99
6) Aniline	6.463	93	506937	55.493	ng	# 89
8) 2-Chlorophenol	6.587	128	509043	56.606	ng	98
9) Benzaldehyde	6.351	77	314238	48.677	ng	98
10) Phenol	6.445	94	640034	56.549	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	499321	58.245	ng	99
12) 1,3-Dichlorobenzene	6.739	146	553756	55.698	ng	99
13) 1,4-Dichlorobenzene	6.816	146	558572	55.945	ng	100
14) 1,2-Dichlorobenzene	6.975	146	513179	54.417	ng	99
15) Benzyl Alcohol	6.945	79	422722	58.473	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	859130	57.194	ng	99
17) 2-Methylphenol	7.057	107	420597	58.211	ng	99
18) Hexachloroethane	7.316	117	210746	57.649	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	355036	56.162	ng	97
20) 3+4-Methylphenols	7.210	107	496888	54.781	ng	98
22) Acetophenone	7.216	105	651575	53.679	ng	99
24) Nitrobenzene	7.386	77	572234	58.138	ng	99
25) Isophorone	7.622	82	953671	58.383	ng	98
26) 2-Nitrophenol	7.698	139	280785	61.652	ng	99
27) 2,4-Dimethylphenol	7.739	122	350784m	60.006	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	605644	57.853	ng	99
29) 2,4-Dichlorophenol	7.939	162	421748	58.315	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	465841	55.787	ng	99
31) Naphthalene	8.104	128	1475900	54.933	ng	99
32) Benzoic acid	7.863	122	380664m	76.193	ng	
33) 4-Chloroaniline	8.157	127	513149	56.786	ng	99
34) Hexachlorobutadiene	8.222	225	275524	56.533	ng	100
35) Caprolactam	8.533	113	141023	60.337	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	452438	58.389	ng	97
37) 2-Methylnaphthalene	8.792	142	941153	55.126	ng	98
38) 1-Methylnaphthalene	8.892	142	917389	54.632	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	430239	56.609	ng	100
41) Hexachlorocyclopentadiene	8.945	237	141387	66.154	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	288290	58.588	ng	99

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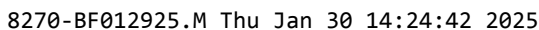
Quant Time: Jan 29 17:20:45 2025
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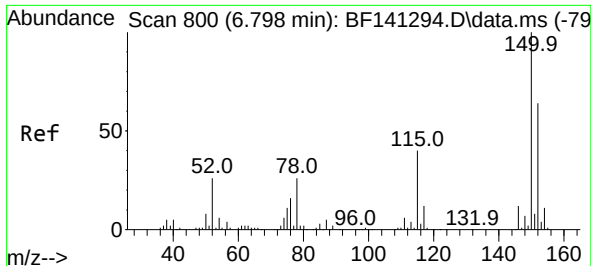
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	314912	59.000	ng	99
46) 1,1'-Biphenyl	9.263	154	1139946	54.084	ng	99
47) 2-Chloronaphthalene	9.286	162	902561	55.247	ng	99
48) 2-Nitroaniline	9.380	65	300339	59.861	ng	98
49) Acenaphthylene	9.698	152	1258733	54.924	ng	100
50) Dimethylphthalate	9.569	163	1012298	56.075	ng	100
51) 2,6-Dinitrotoluene	9.627	165	241241	58.050	ng	98
52) Acenaphthene	9.875	154	921519	56.639	ng	100
53) 3-Nitroaniline	9.792	138	232680	56.245	ng	99
54) 2,4-Dinitrophenol	9.898	184	132244	84.109	ng	95
55) Dibenzofuran	10.045	168	1202027	54.629	ng	99
56) 4-Nitrophenol	9.951	139	190620	66.120	ng	99
57) 2,4-Dinitrotoluene	10.027	165	315221	58.312	ng	97
58) Fluorene	10.386	166	915246	53.236	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	252964	60.106	ng	100
60) Diethylphthalate	10.263	149	983788	55.897	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	445841	53.136	ng	99
62) 4-Nitroaniline	10.410	138	242716	61.216	ng	99
63) Azobenzene	10.539	77	996603	56.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	174248	71.103	ng	99
66) n-Nitrosodiphenylamine	10.504	169	800147	55.423	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	286647	57.957	ng	96
68) Hexachlorobenzene	10.933	284	302508	57.366	ng	99
69) Atrazine	11.033	200	306524	66.863	ng	99
70) Pentachlorophenol	11.127	266	194335	65.443	ng	99
71) Phenanthrene	11.351	178	1316980	54.311	ng	100
72) Anthracene	11.404	178	1298334	54.763	ng	99
73) Carbazole	11.557	167	1173330	55.874	ng	99
74) Di-n-butylphthalate	11.892	149	1410222	55.325	ng	100
75) Fluoranthene	12.539	202	1279995	52.878	ng	99
77) Benzidine	12.663	184	490009	67.692	ng	100
78) Pyrene	12.768	202	1284820	57.717	ng	100
80) Butylbenzylphthalate	13.392	149	465533	60.745	ng	99
81) Benzo(a)anthracene	13.962	228	917219	57.742	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	315503	64.819	ng	100
83) Chrysene	14.004	228	841120	58.239	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	564642	57.438	ng	99
85) Di-n-octyl phthalate	14.598	149	951473	64.953	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	1054987	61.732	ng	99
88) Benzo(b)fluoranthene	15.033	252	971433	56.615	ng	99
89) Benzo(k)fluoranthene	15.062	252	845842	55.934	ng	100
90) Benzo(a)pyrene	15.392	252	838283	58.588	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	854214	62.119	ng	98
92) Benzo(g,h,i)perylene	17.351	276	881804	61.510	ng	100

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

Manual Integrations

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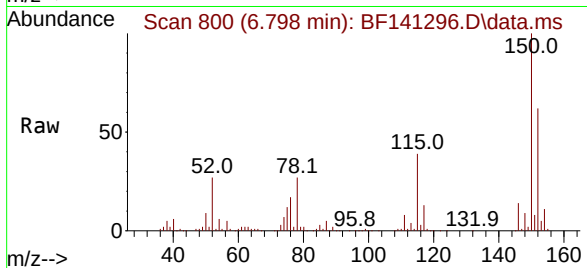
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

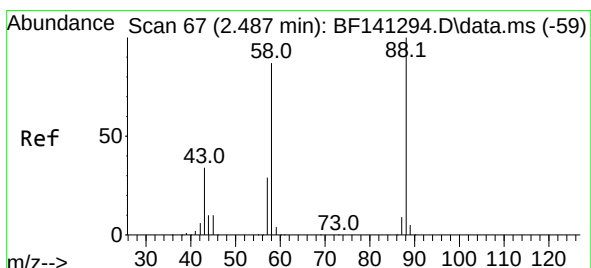
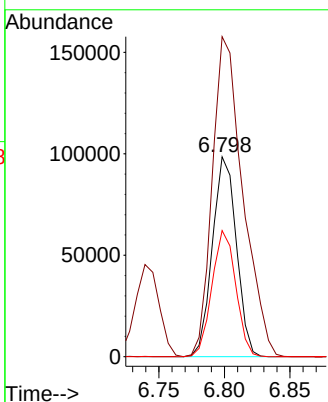
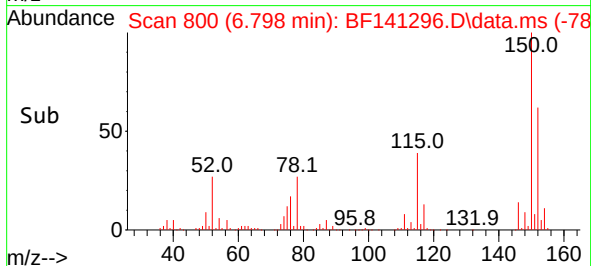


Tgt Ion:152 Resp: 125200
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 63.2 49.7 74.5

Manual Integrations

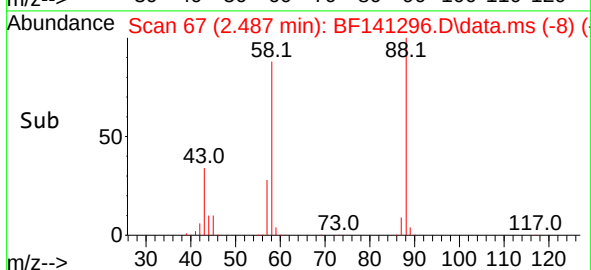
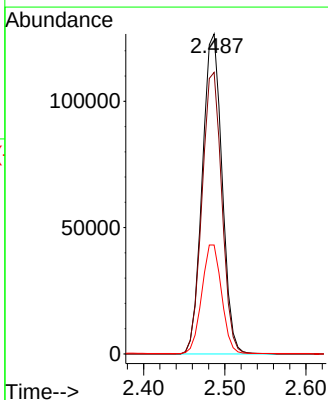
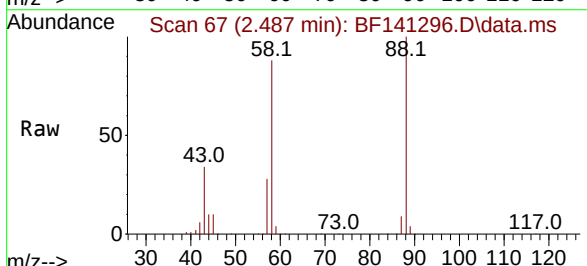
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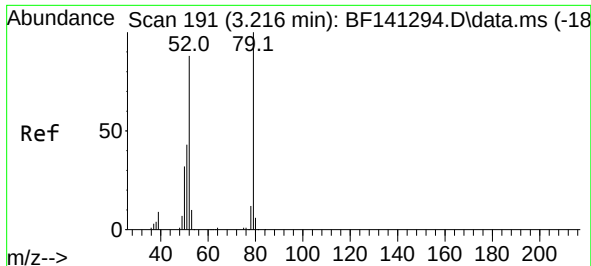
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 58.657 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 88 Resp: 213805
Ion Ratio Lower Upper
88 100
58 88.5 70.2 105.4
43 34.0 27.6 41.4





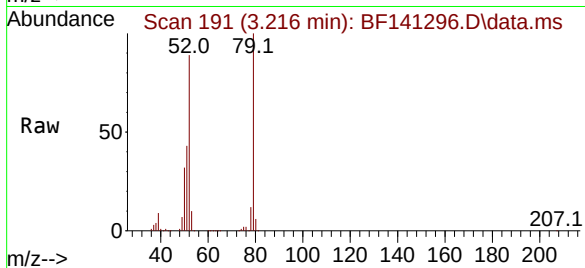
#3
Pyridine
Concen: 60.698 ng
RT: 3.216 min Scan# 191
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

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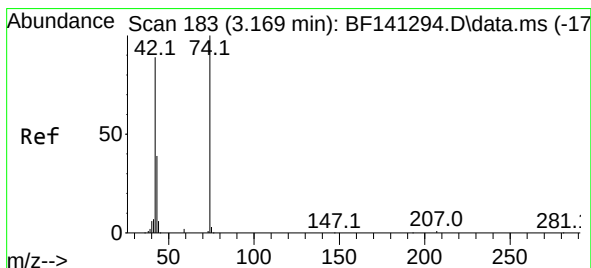
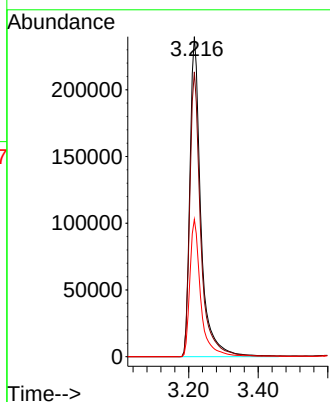
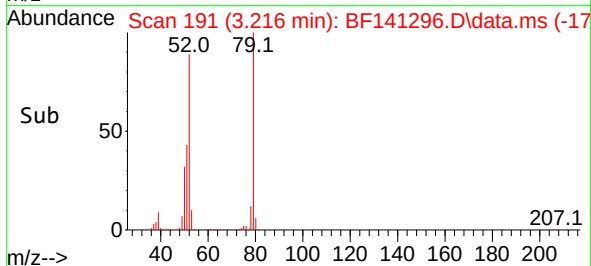


Tgt Ion: 79 Resp: 52720
Ion Ratio Lower Upper
79 100
52 89.0 70.3 105.5
51 42.9 34.3 51.5

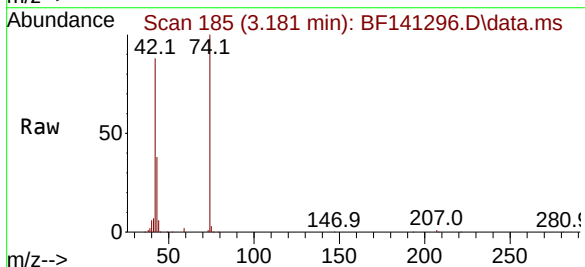
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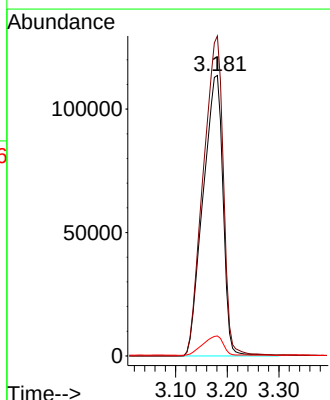
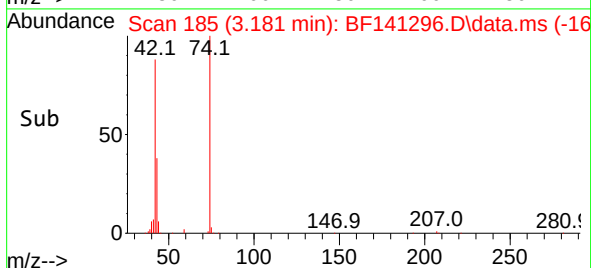
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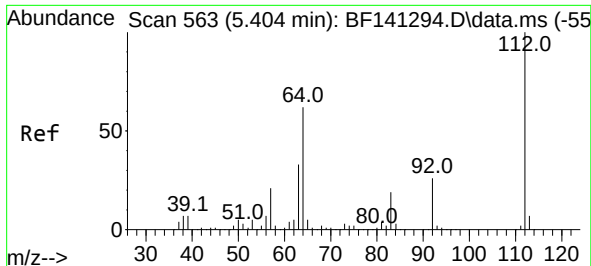


#4
n-Nitrosodimethylamine
Concen: 61.956 ng
RT: 3.181 min Scan# 185
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion: 42 Resp: 305314
Ion Ratio Lower Upper
42 100
74 114.1 90.3 135.5
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 113.729 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

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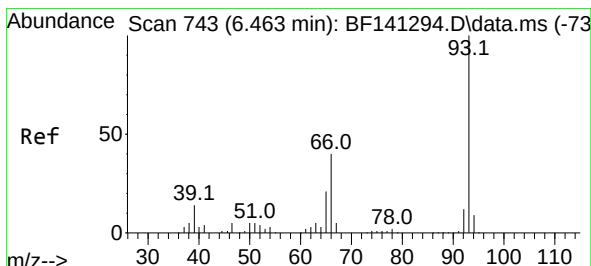
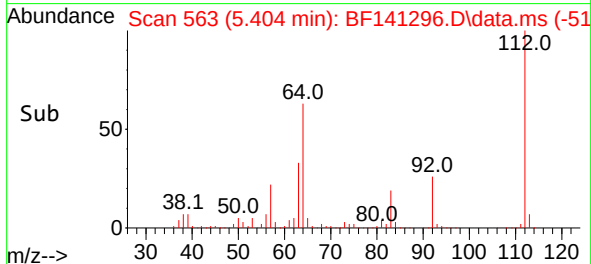
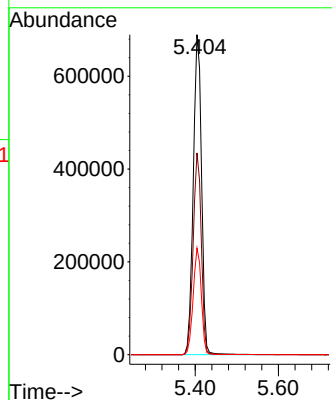
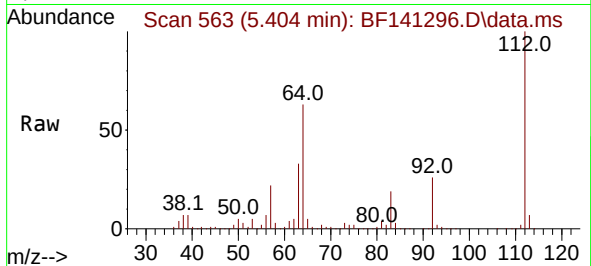
ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 95239
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.3 26.1 39.1

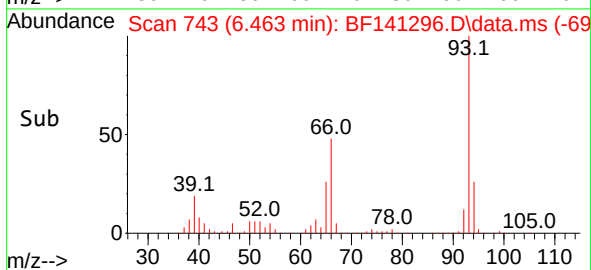
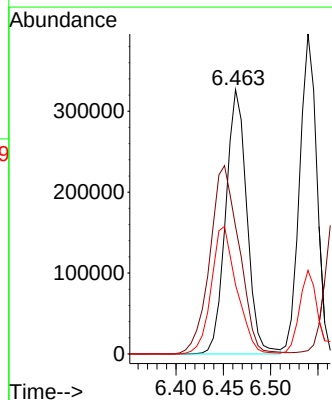
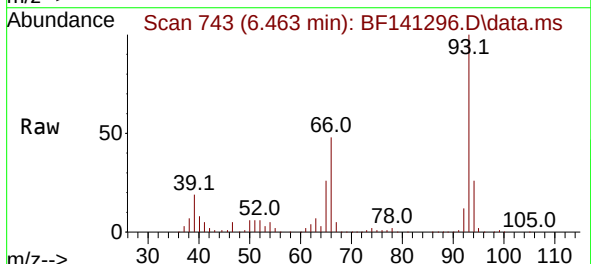
Manual Integrations
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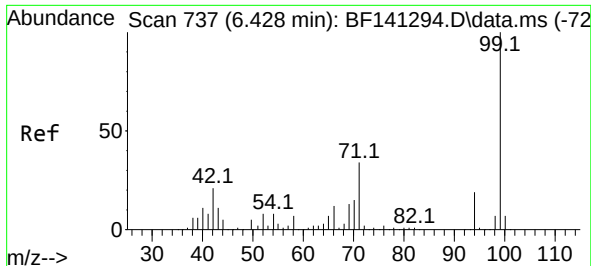
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 55.493 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141296.D
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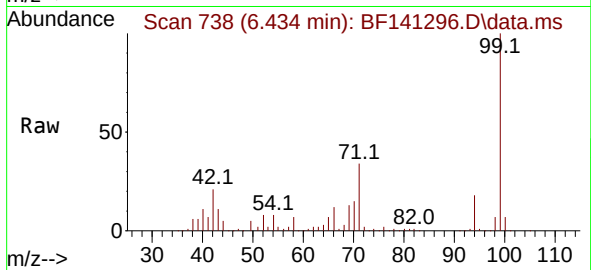
Tgt Ion: 93 Resp: 506937
Ion Ratio Lower Upper
93 100
66 48.2 32.5 48.7
65 26.1 17.0 25.6





#7
Phenol-d6
Concen: 113.542 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

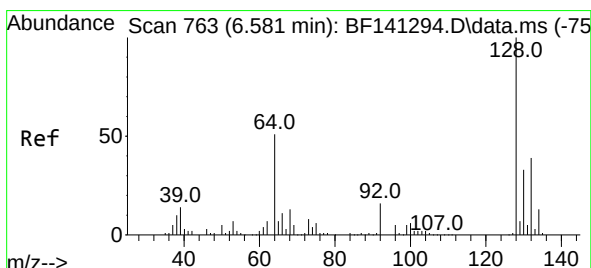
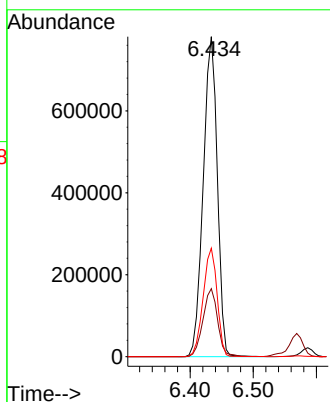
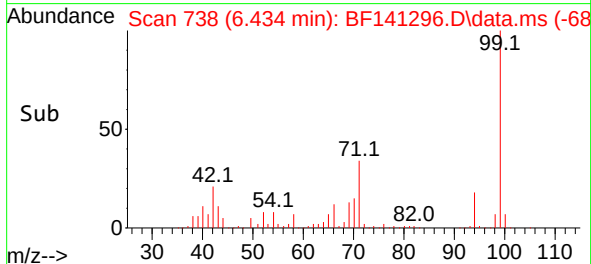
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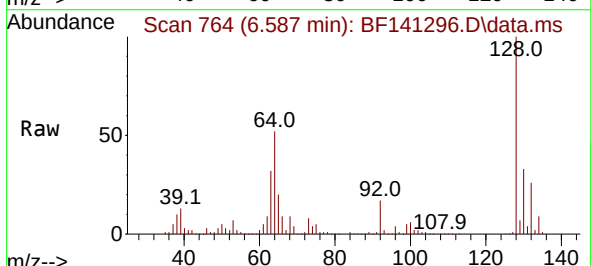
Tgt Ion: 99 Resp: 121047
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 33.9 26.9 40.3

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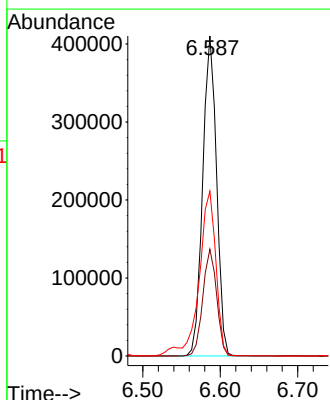
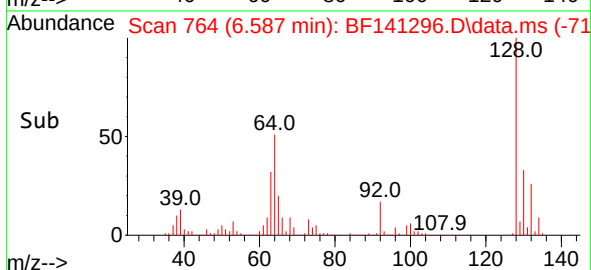
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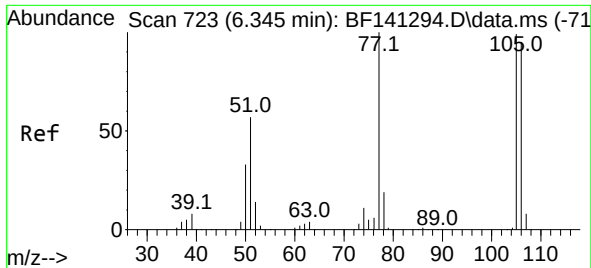


#8
2-Chlorophenol
Concen: 56.606 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



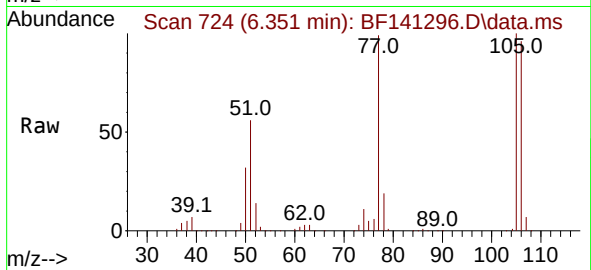
Tgt Ion:128 Resp: 509043
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 51.5 32.9 72.9





#9
Benzaldehyde
Concen: 48.677 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141296.D
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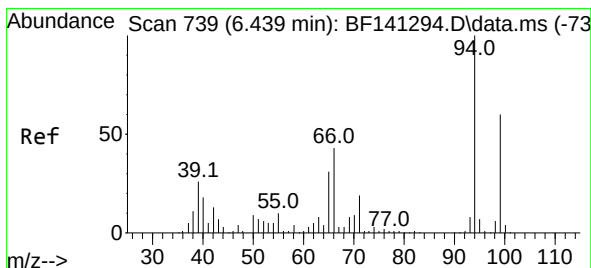
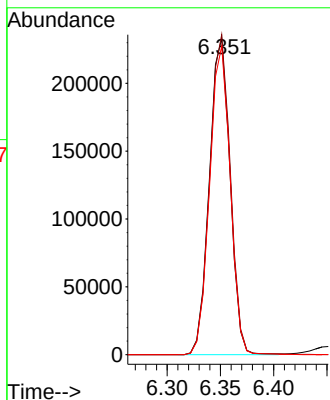
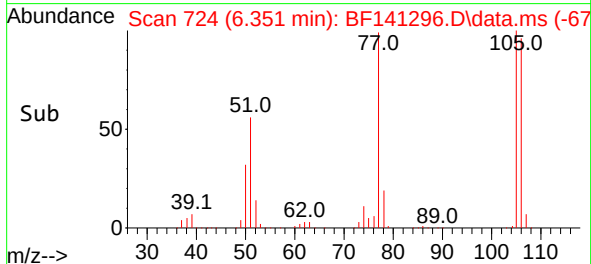
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Tgt Ion: 77 Resp: 314238
Ion Ratio Lower Upper
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105 101.2 79.4 119.4
106 97.6 74.6 114.6

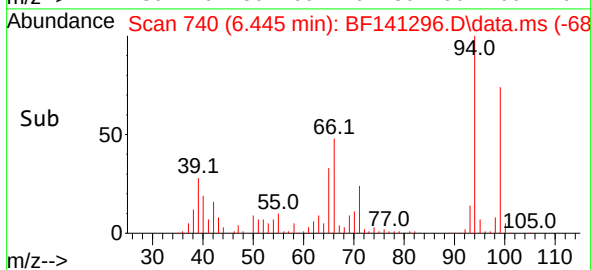
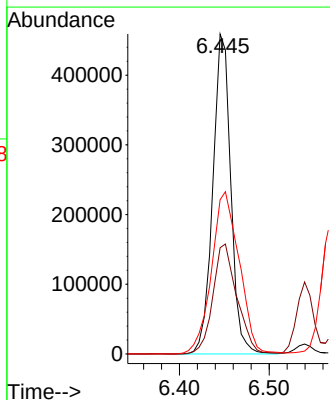
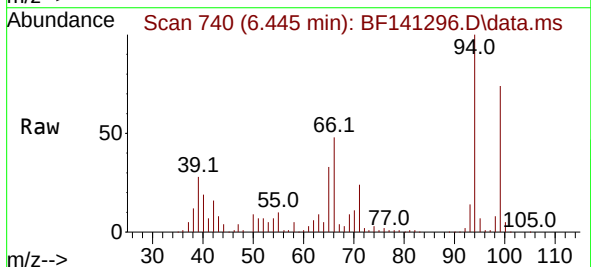
Manual Integrations
APPROVED

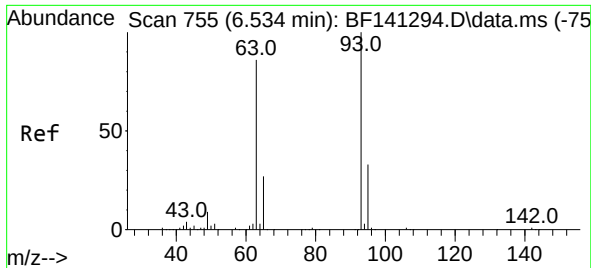
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 56.549 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 94 Resp: 640034
Ion Ratio Lower Upper
94 100
65 33.2 10.8 50.8
66 48.2 23.3 63.3





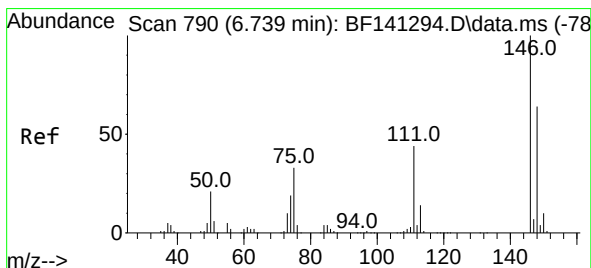
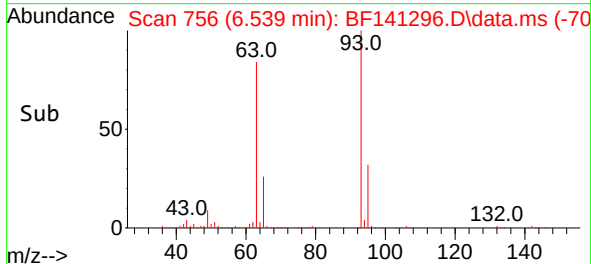
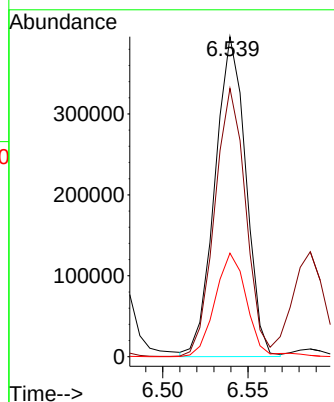
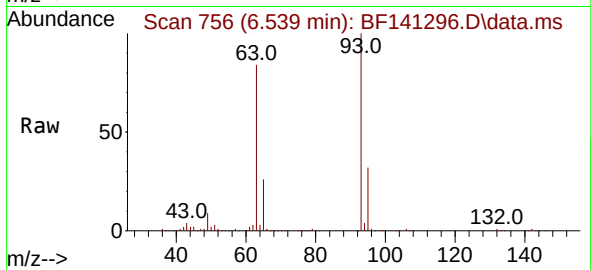
#11
bis(2-Chloroethyl)ether
Concen: 58.245 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 49932
Ion Ratio Lower Upper
93 100
63 83.9 65.0 105.0
95 32.3 12.4 52.4

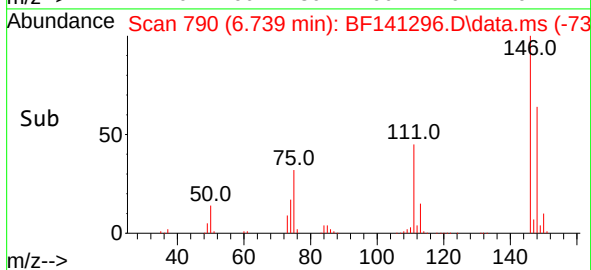
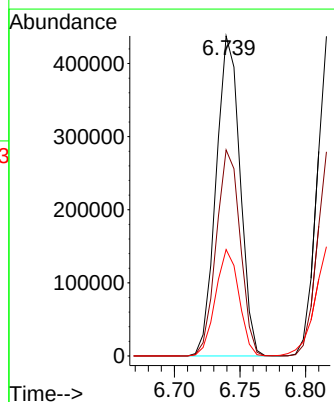
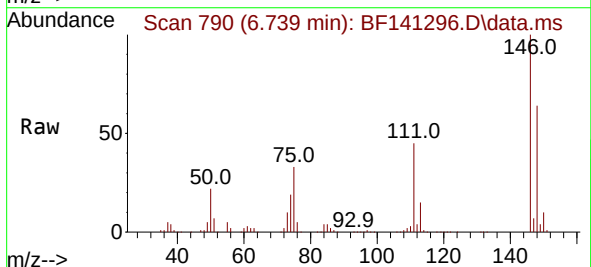
Manual Integrations
APPROVED

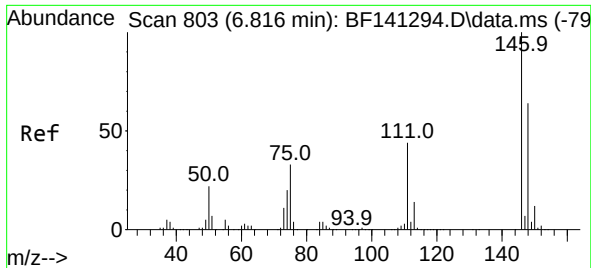
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 55.698 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 553756
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 33.2 26.2 39.4





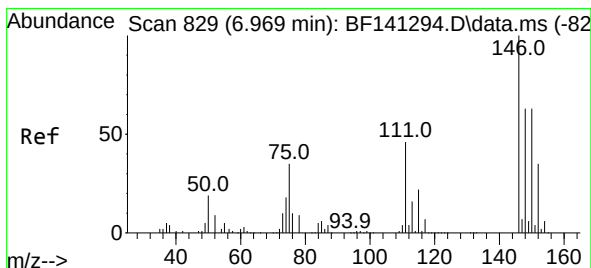
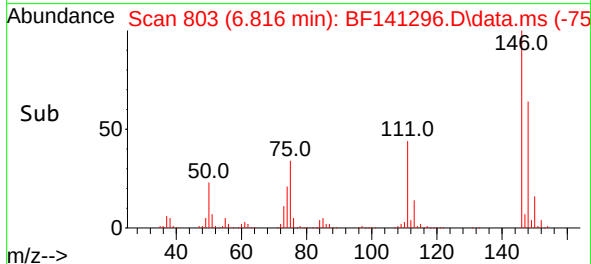
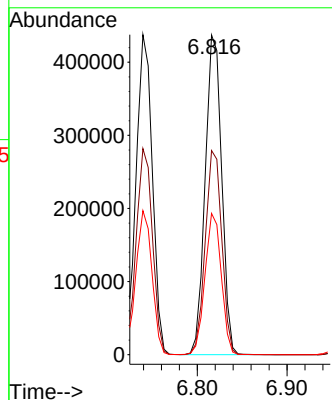
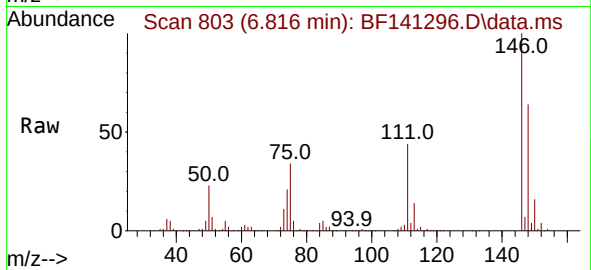
#13
1,4-Dichlorobenzene
Concen: 55.945 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:146 Resp: 558572
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 44.2 35.0 52.4

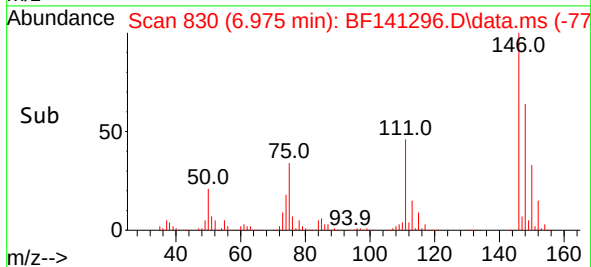
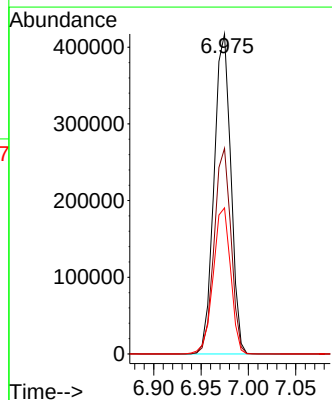
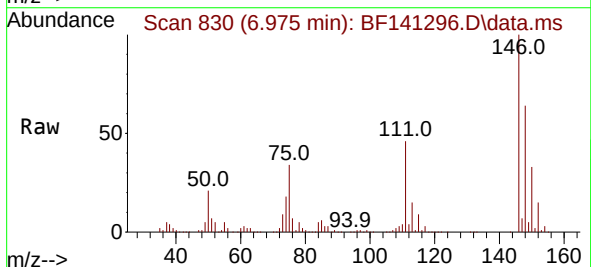
Manual Integrations
APPROVED

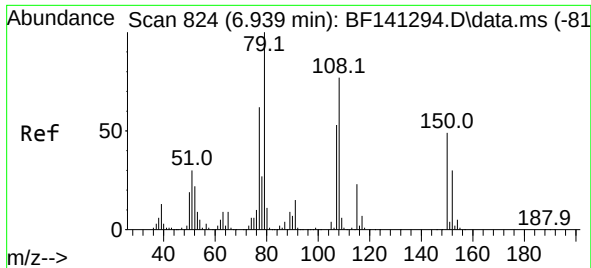
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 54.417 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 513179
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 45.7 36.6 55.0





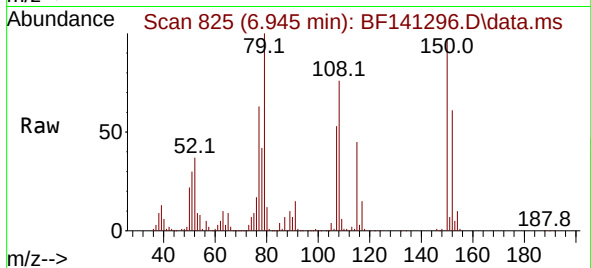
#15
Benzyl Alcohol
Concen: 58.473 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

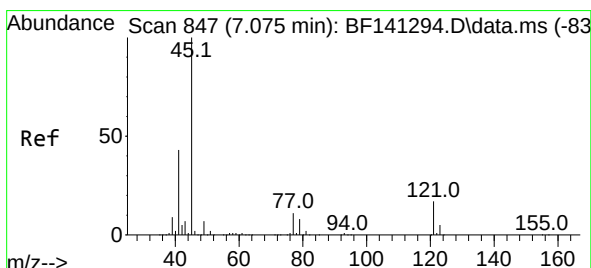
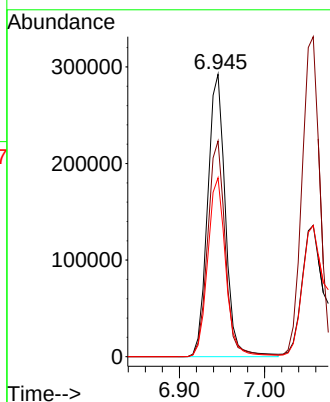
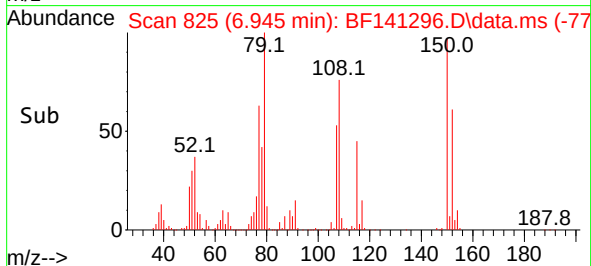
SSTDICC060



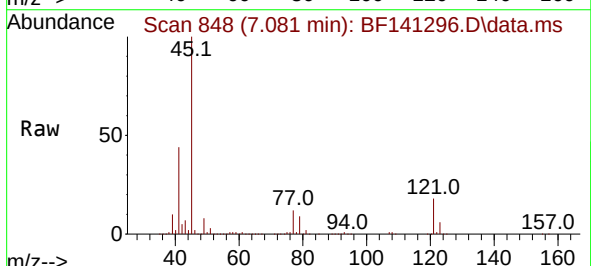
Tgt Ion: 79 Resp: 42272
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 63.3 49.9 74.9

Manual Integrations
APPROVED

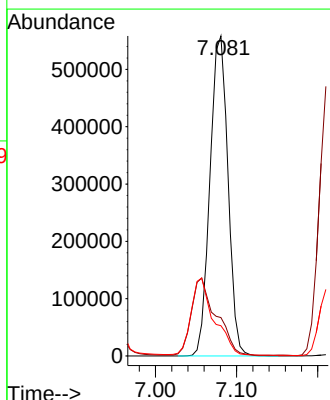
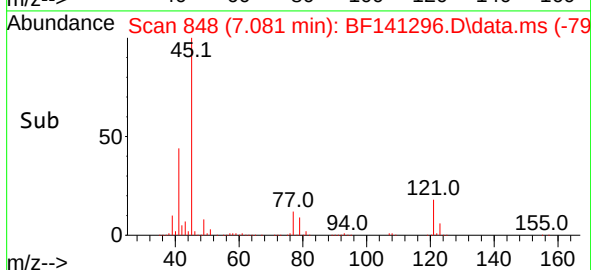
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

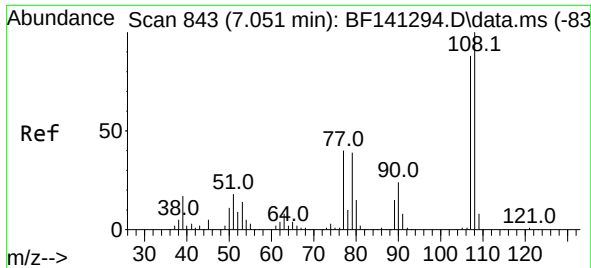


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.194 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion: 45 Resp: 859130
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.8
79 9.4 0.0 29.1





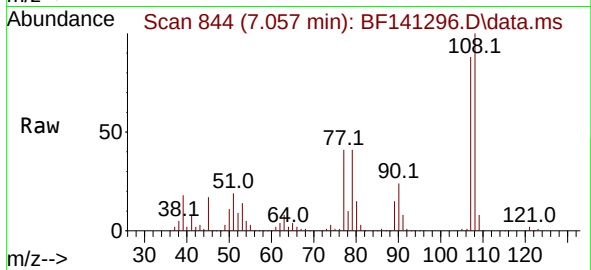
#17
2-Methylphenol
Concen: 58.211 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

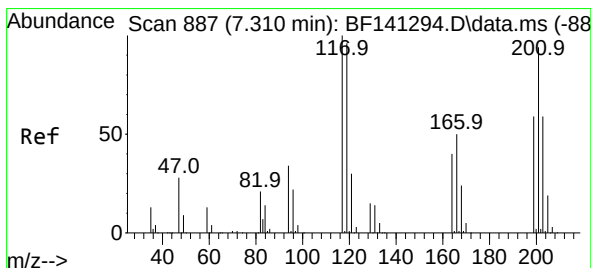
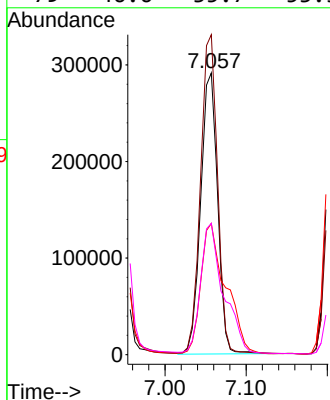
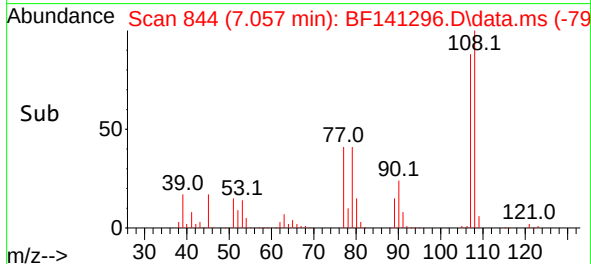


Tgt Ion:107 Resp: 420597
Ion Ratio Lower Upper
107 100
108 113.6 90.8 136.2
77 46.6 36.2 54.4
79 46.6 35.7 53.5

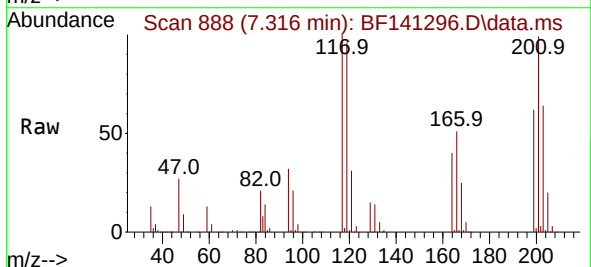
Manual Integrations

APPROVED

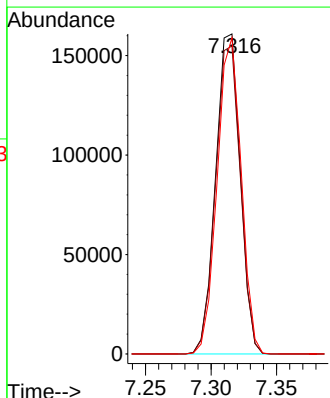
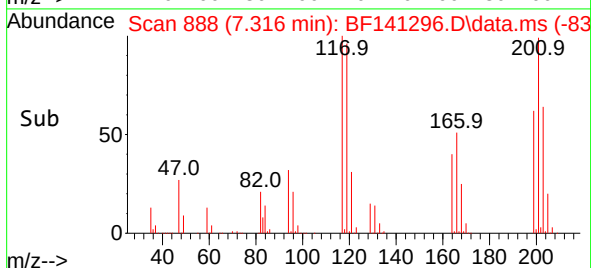
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

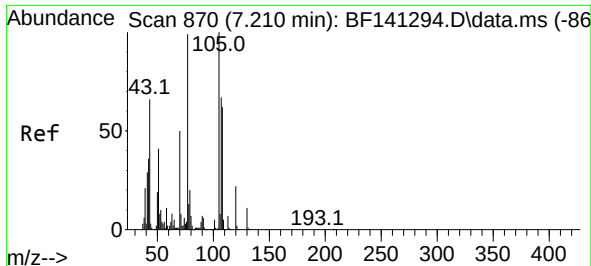


#18
Hexachloroethane
Concen: 57.649 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:117 Resp: 210746
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 98.8 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 56.162 ng

RT: 7.222 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 355030

Ion Ratio Lower Upper

70 100

42 68.3 56.8 85.2

101 10.0 7.7 11.5

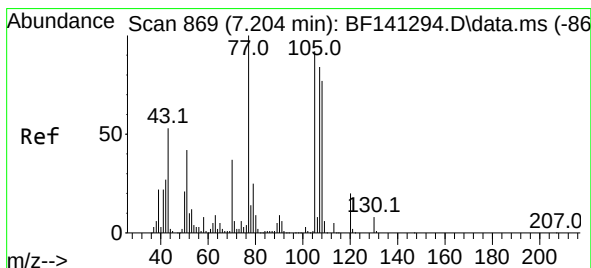
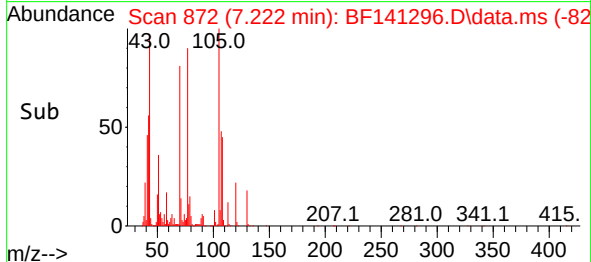
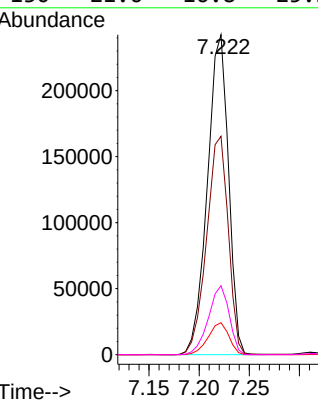
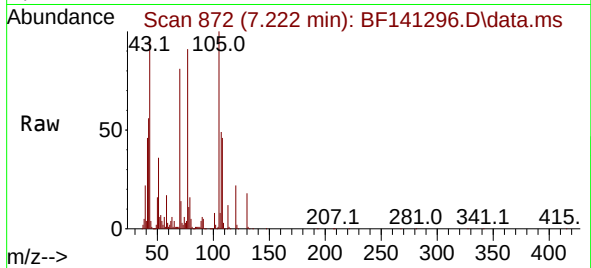
130 21.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

Concen: 54.781 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 496888

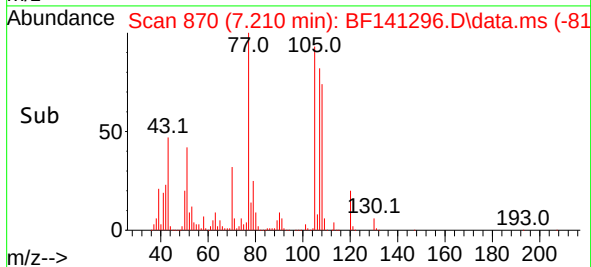
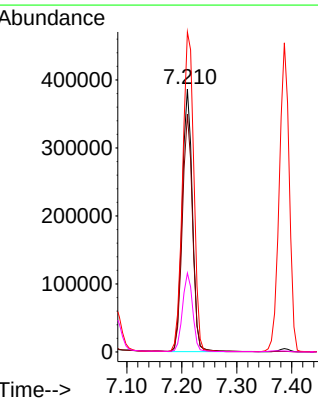
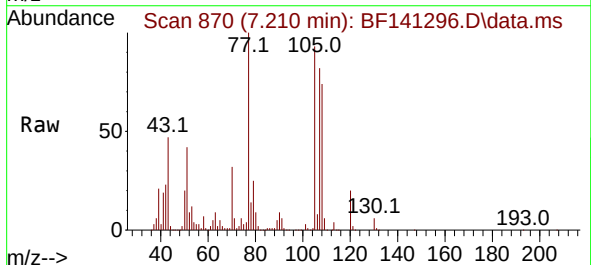
Ion Ratio Lower Upper

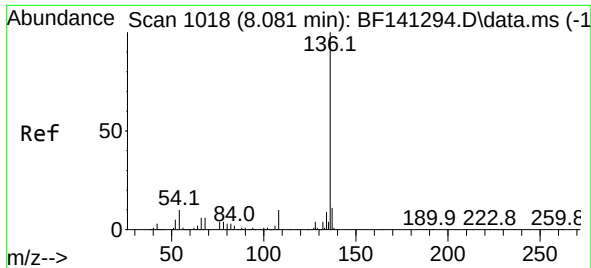
107 100

108 90.4 70.9 110.9

77 121.7 98.5 138.5

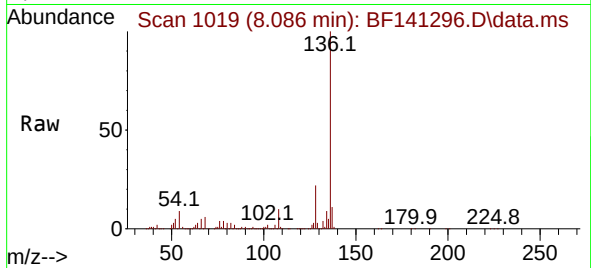
79 30.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

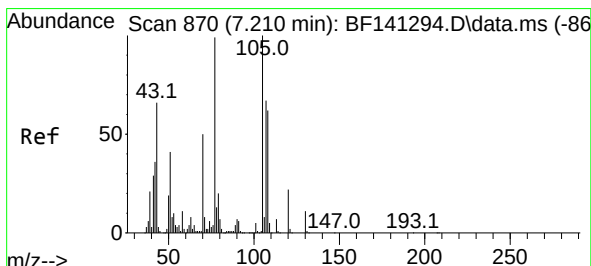
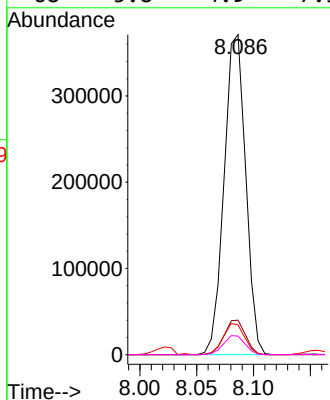
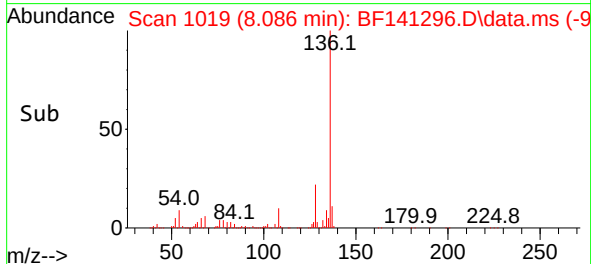
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 490777
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.8 11.8
68 5.8 4.9 7.3

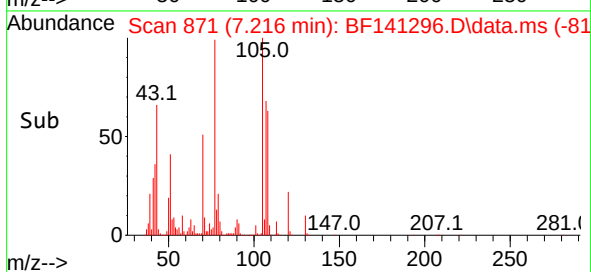
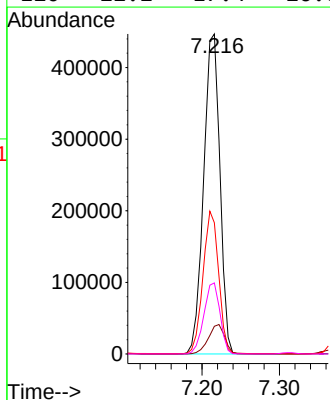
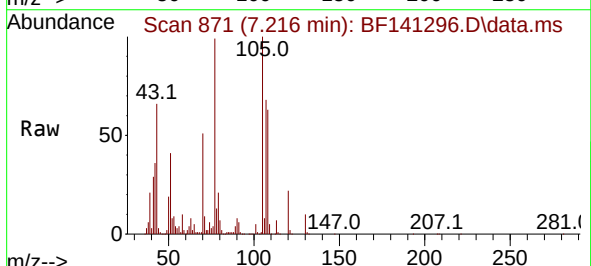
Manual Integrations
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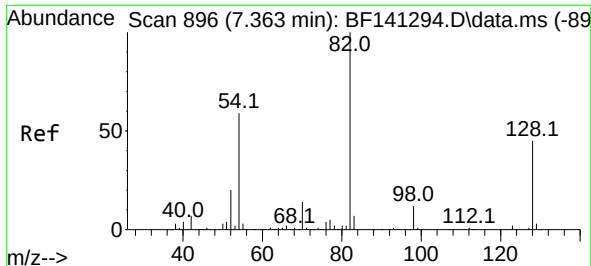
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 53.679 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:105 Resp: 651575
Ion Ratio Lower Upper
105 100
71 8.6 6.8 10.2
51 41.0 32.6 49.0
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 115.711 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 109819

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

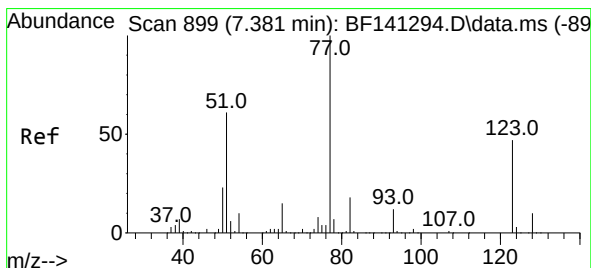
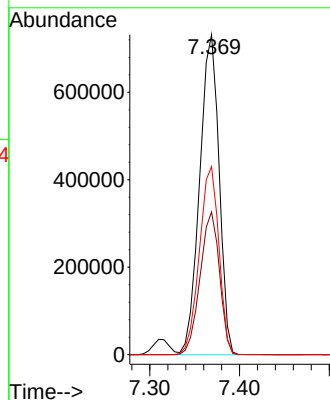
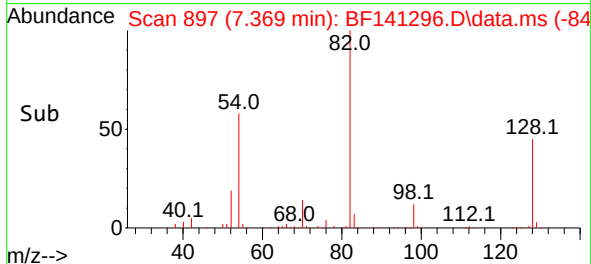
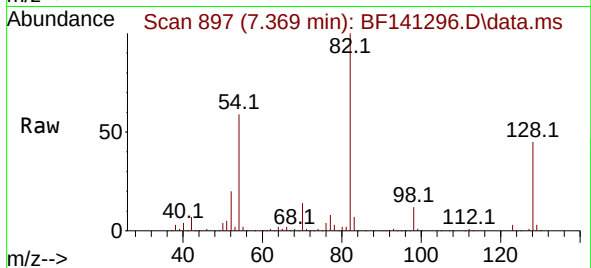
54 58.7 47.1 70.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 58.138 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

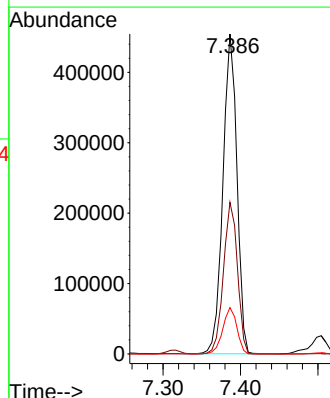
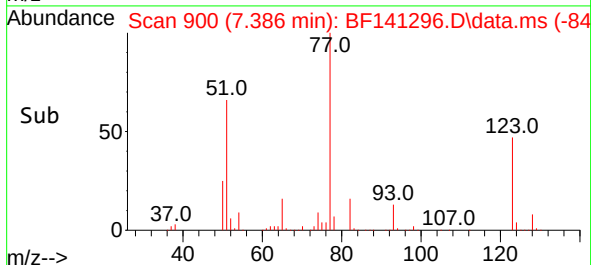
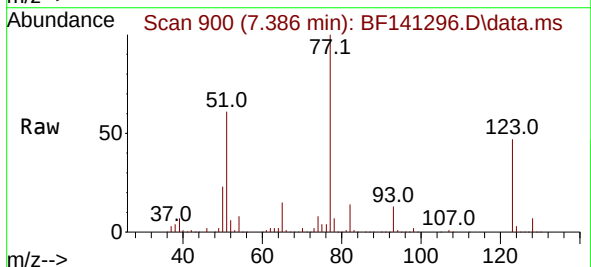
Tgt Ion: 77 Resp: 572234

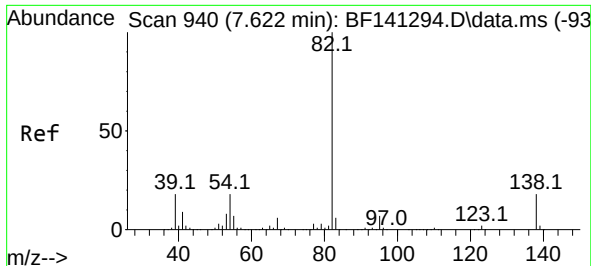
Ion Ratio Lower Upper

77 100

123 47.4 37.3 55.9

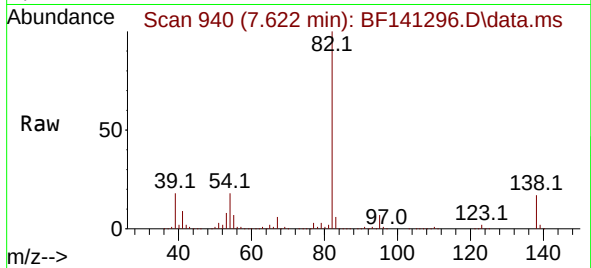
65 14.5 11.8 17.6





#25
Isophorone
Concen: 58.383 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

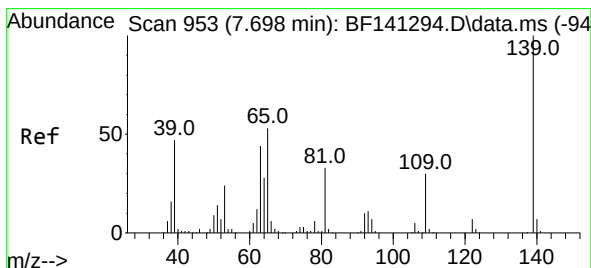
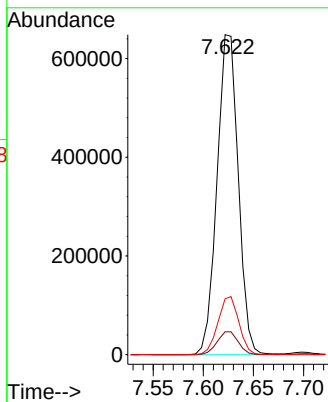
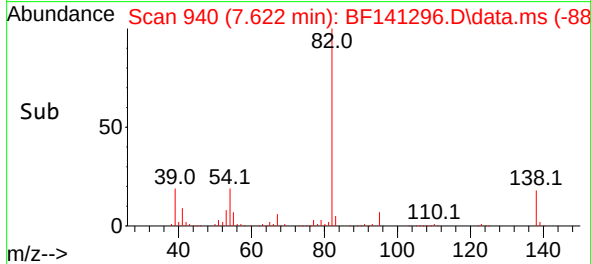
Instrument :
BNA_F
Client SampleId :
SSTDICC060



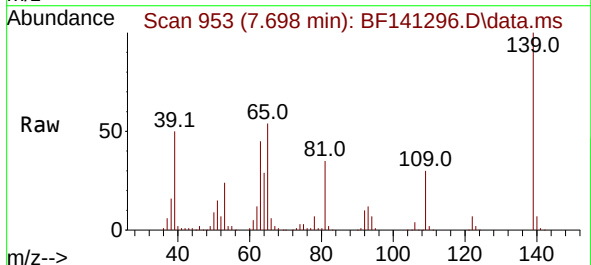
Tgt Ion: 82 Resp: 95367
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.5 14.7 22.1

Manual Integrations
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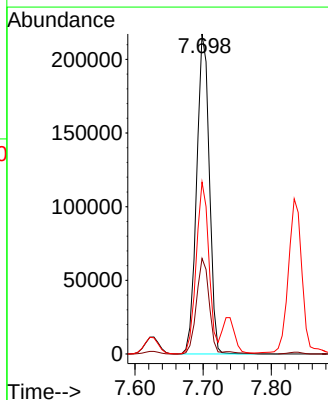
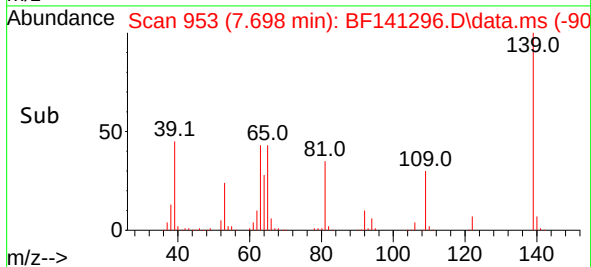
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

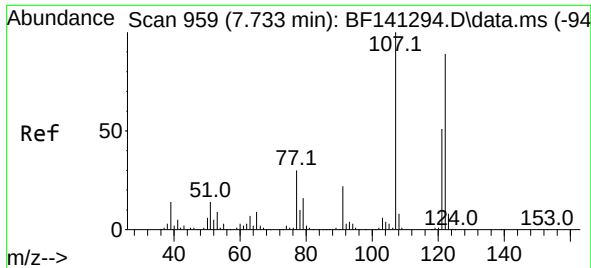


#26
2-Nitrophenol
Concen: 61.652 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:139 Resp: 280785
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 53.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 60.006 ng m

RT: 7.739 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141296.D

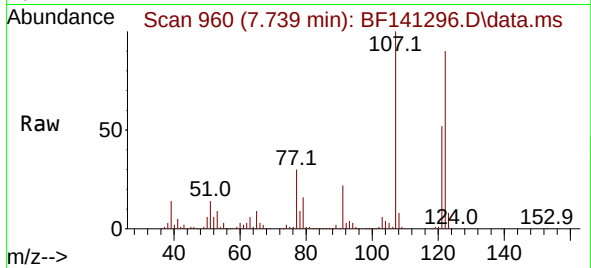
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 350784

Ion Ratio Lower Upper

122 100

107 110.7 89.9 134.9

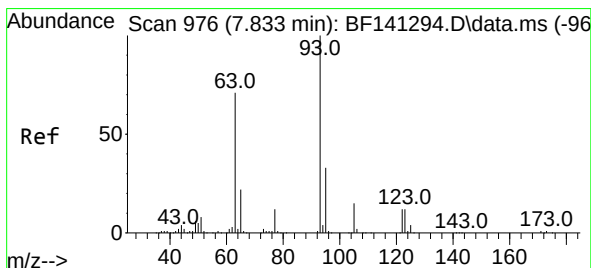
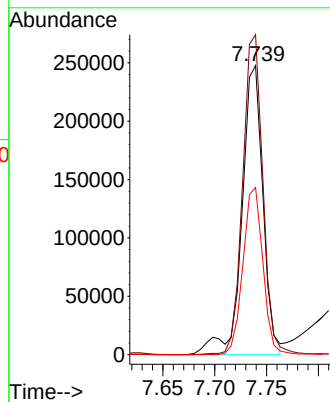
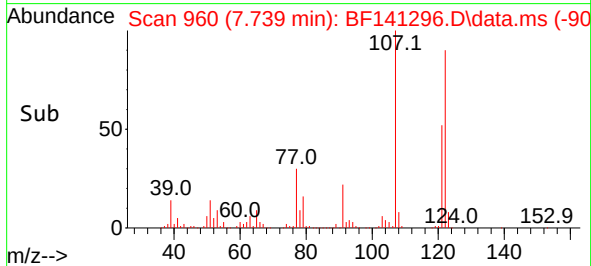
121 57.8 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 57.853 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

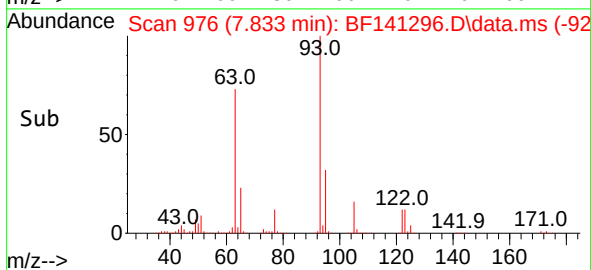
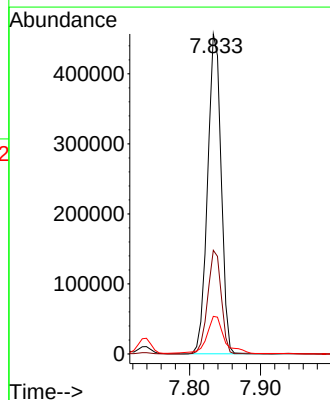
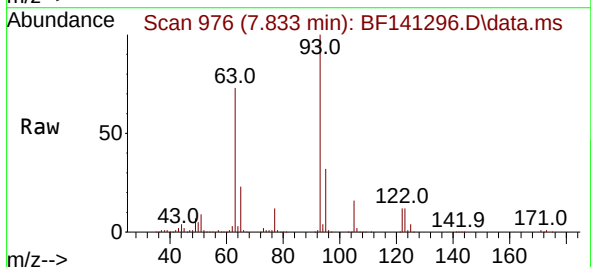
Tgt Ion: 93 Resp: 605644

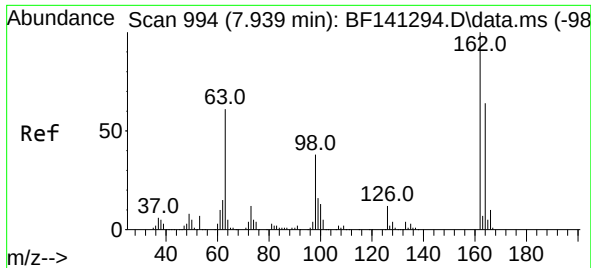
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.8 10.2 15.4





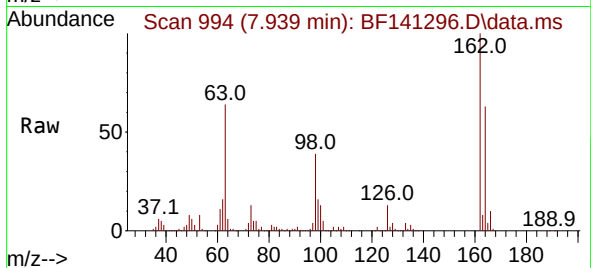
#29
2,4-Dichlorophenol
Concen: 58.315 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

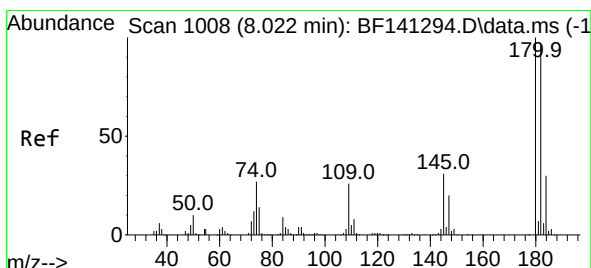
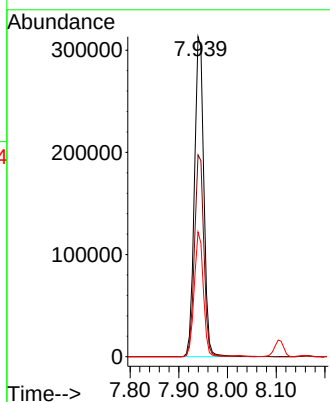
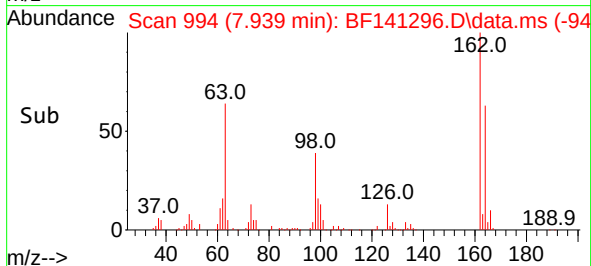


Tgt Ion:162 Resp: 421744
Ion Ratio Lower Upper
162 100
164 63.0 44.2 84.2
98 38.9 18.2 58.2

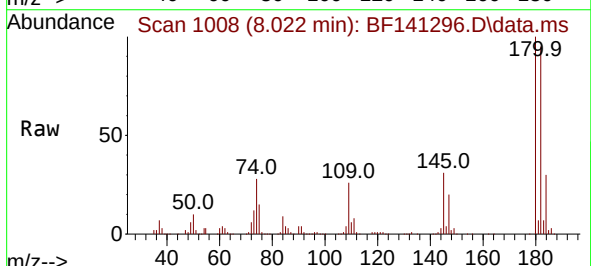
Manual Integrations

APPROVED

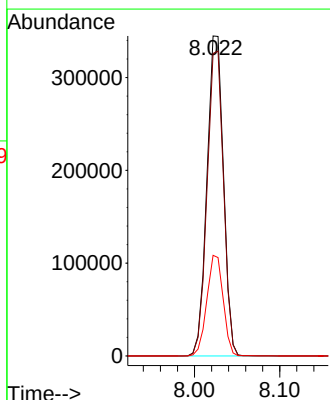
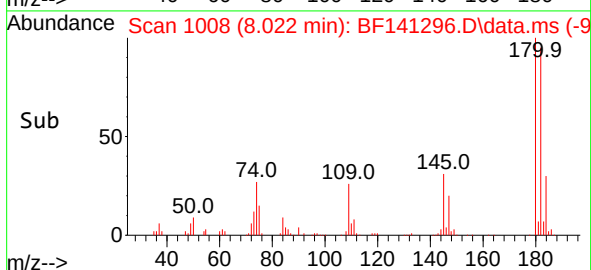
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

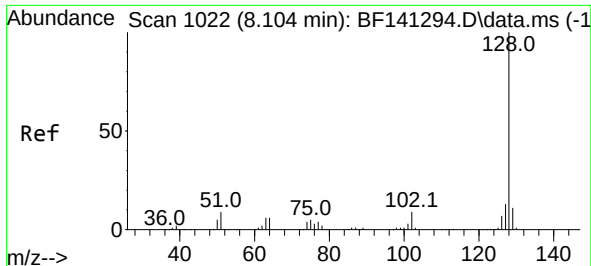


#30
1,2,4-Trichlorobenzene
Concen: 55.787 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:180 Resp: 465841
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 31.4 24.9 37.3





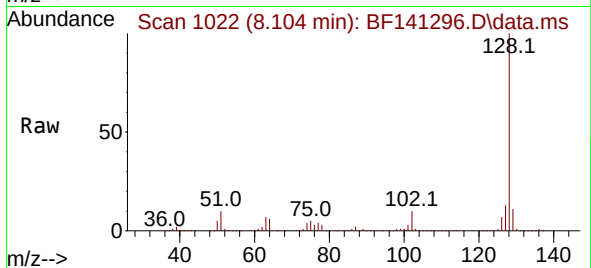
#31
Naphthalene
Concen: 54.933 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

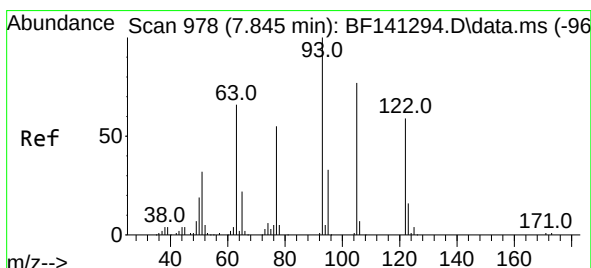
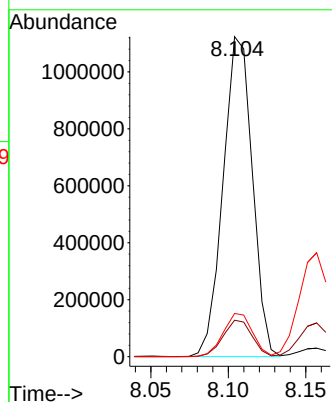
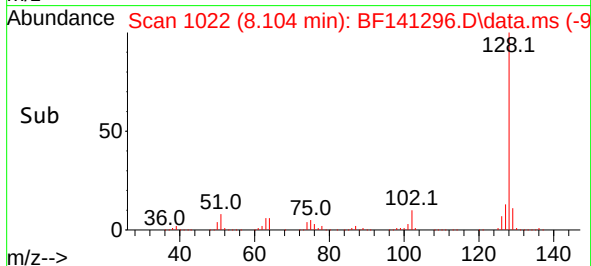


Tgt Ion:128 Resp: 1475900
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 10.6 15.8

Manual Integrations

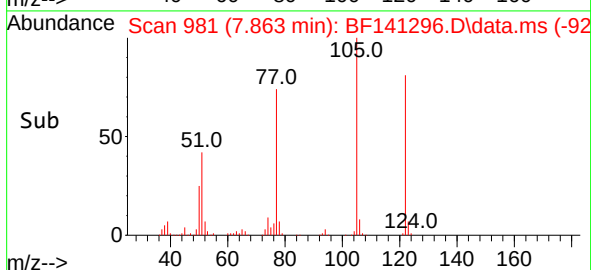
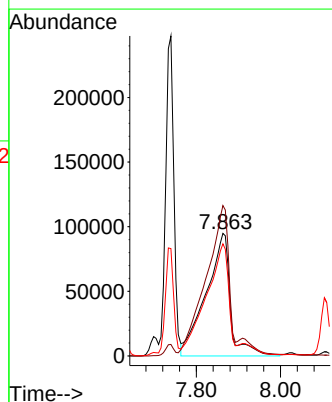
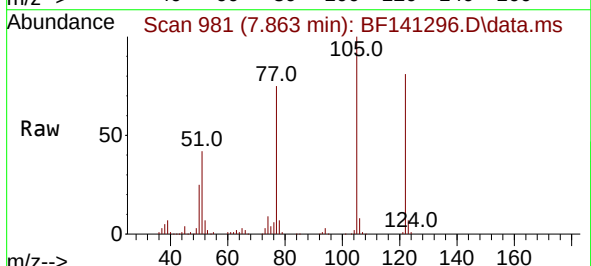
APPROVED

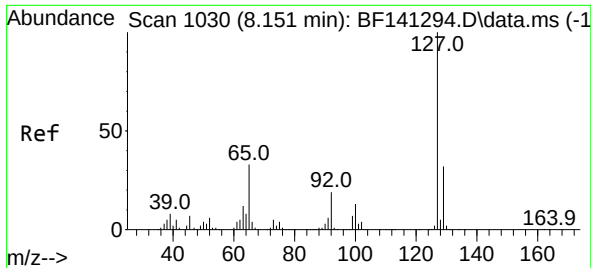
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 76.193 ng m
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 380664
Ion Ratio Lower Upper
122 100
105 122.7 103.4 143.4
77 91.6 70.9 110.9





#33
4-Chloroaniline
Concen: 56.786 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

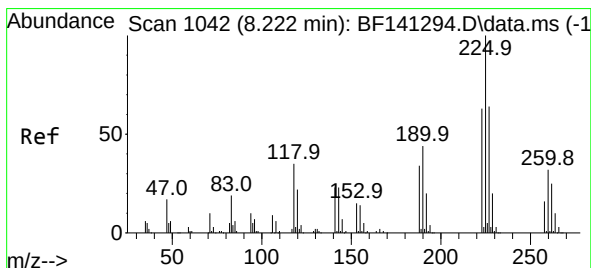
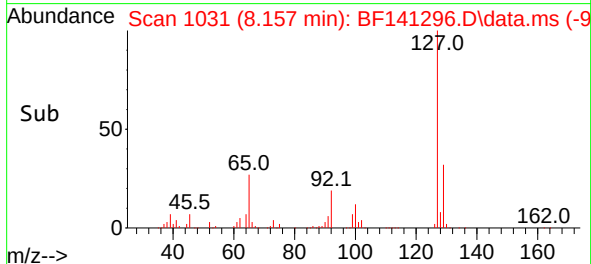
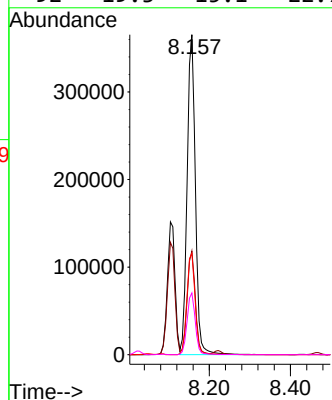
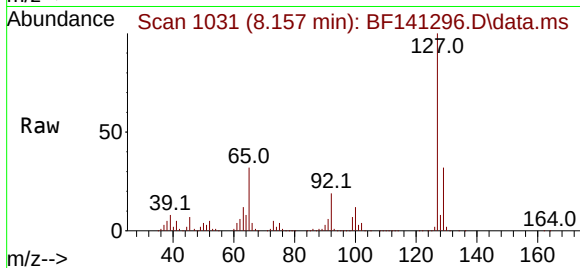
SSTDICC060

Tgt Ion:127 Resp: 513149
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 31.7 26.4 39.6
92 19.3 15.1 22.7

Manual Integrations

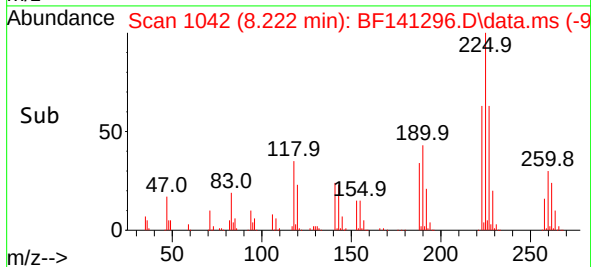
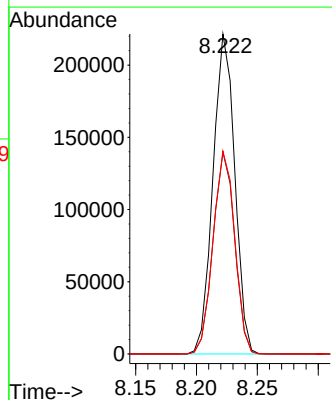
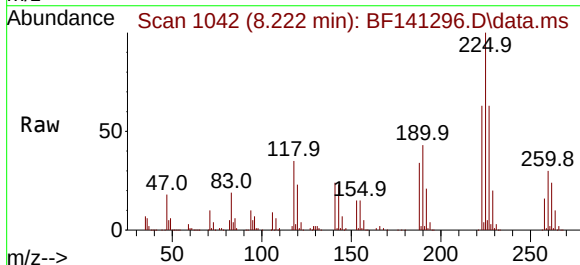
APPROVED

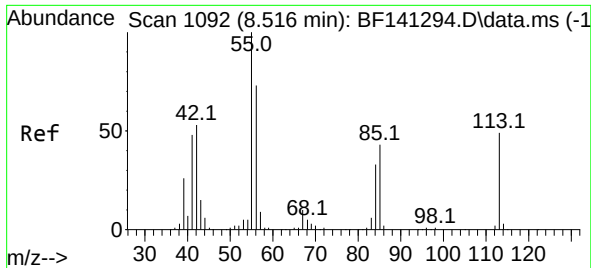
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 56.533 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

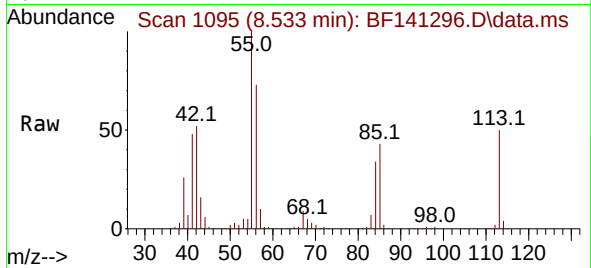
Tgt Ion:225 Resp: 275524
Ion Ratio Lower Upper
225 100
223 63.0 50.4 75.6
227 63.4 51.3 76.9





#35
 Caprolactam
 Concen: 60.337 ng
 RT: 8.533 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

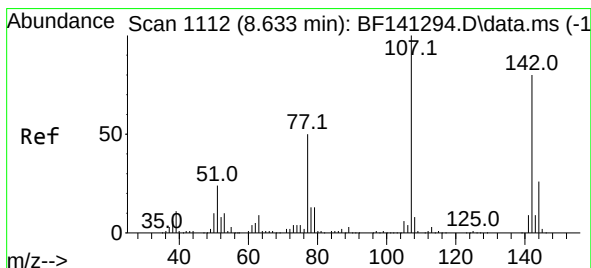
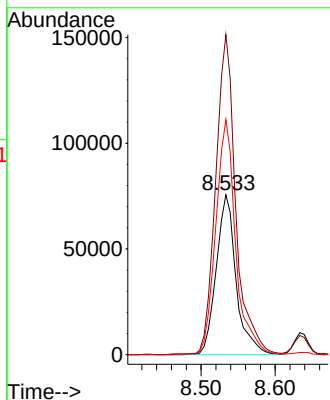
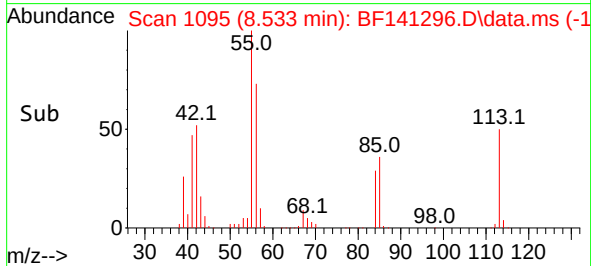
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion:113 Resp: 14102
 Ion Ratio Lower Upper
 113 100
 55 200.2 182.9 222.9
 56 147.0 127.9 167.9

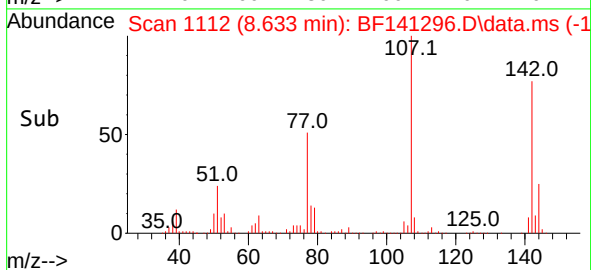
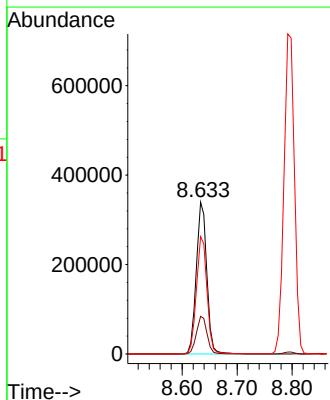
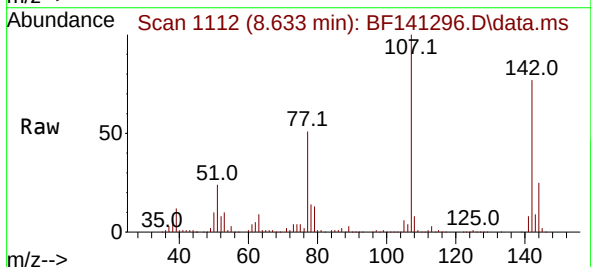
Manual Integrations
 APPROVED

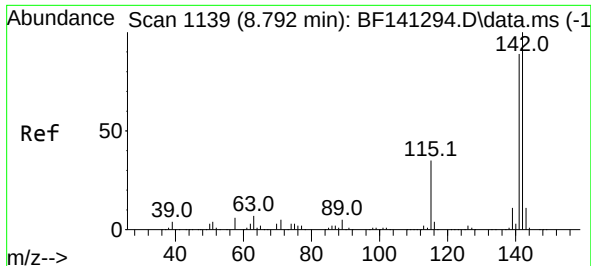
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 58.389 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 452438
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 77.2 63.8 95.8





#37
2-Methylnaphthalene
Concen: 55.126 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

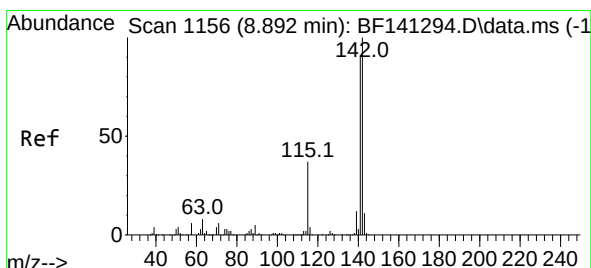
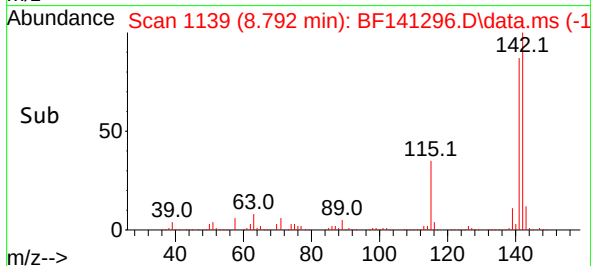
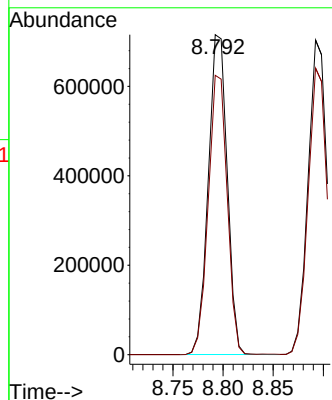
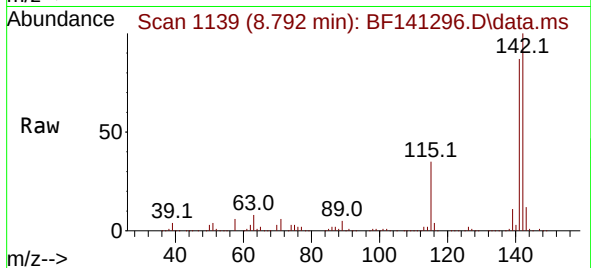
SSTDICC060

Tgt Ion:142 Resp: 94115
Ion Ratio Lower Upper
142 100
141 87.3 71.3 106.9

Manual Integrations

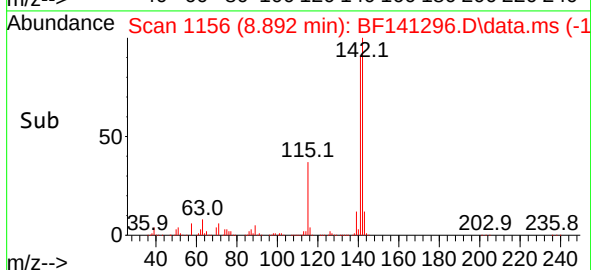
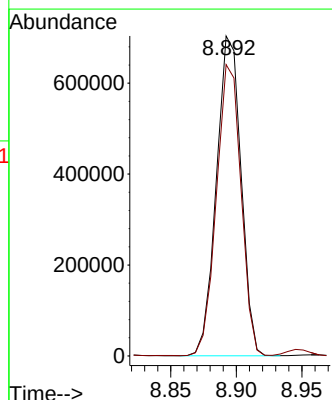
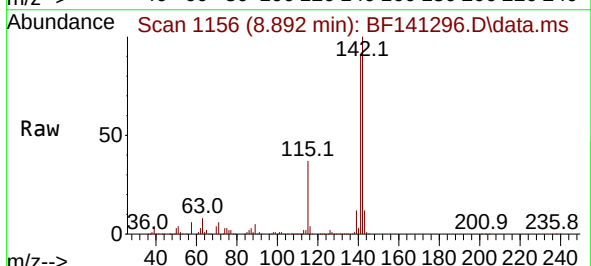
APPROVED

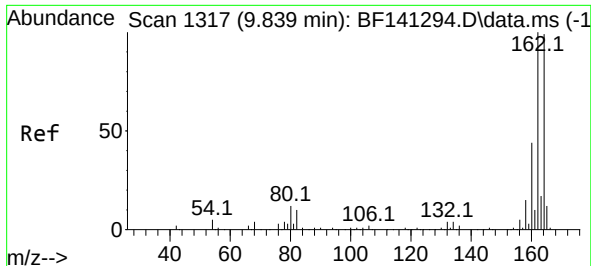
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 54.632 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:142 Resp: 917389
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





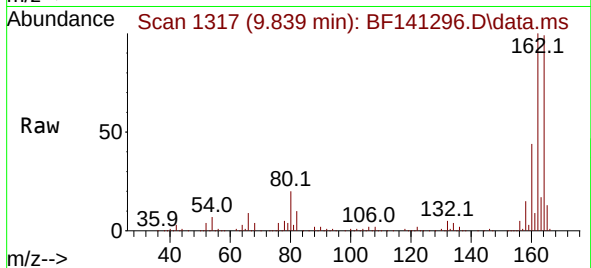
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

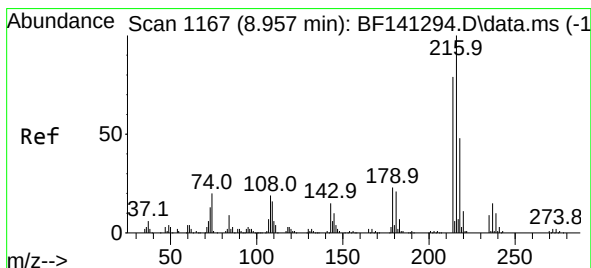
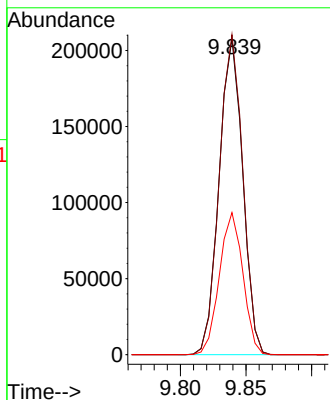
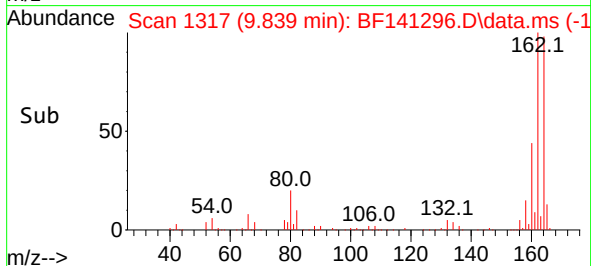


Tgt Ion:164 Resp: 260269
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 45.0 35.8 53.6

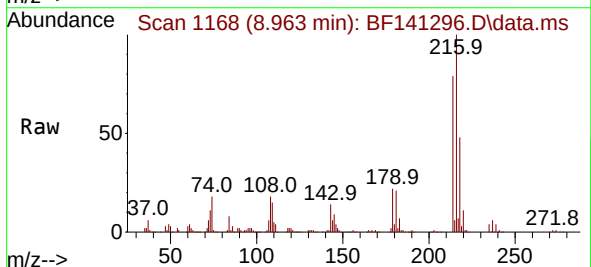
Manual Integrations

APPROVED

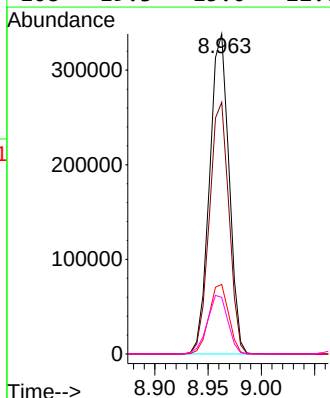
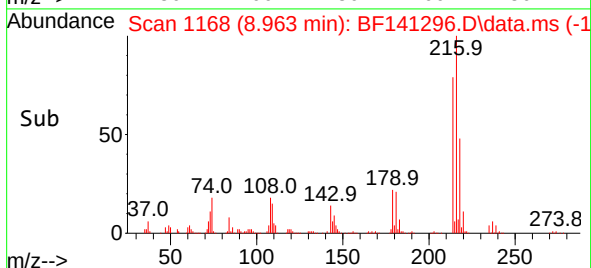
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

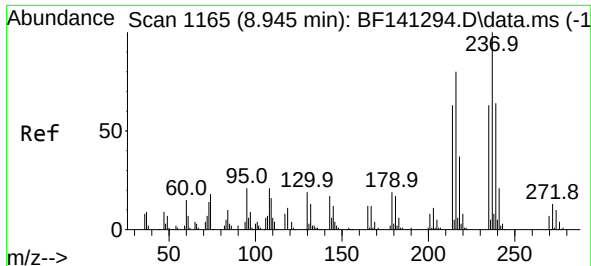


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.609 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



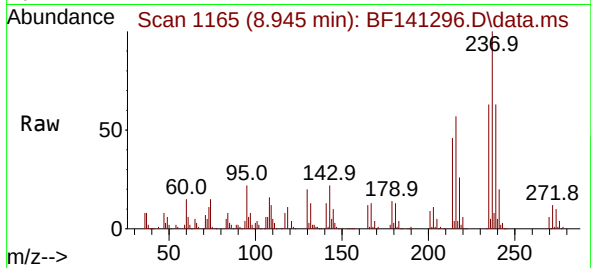
Tgt Ion:216 Resp: 430239
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 22.0 17.8 26.8
108 19.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 66.154 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

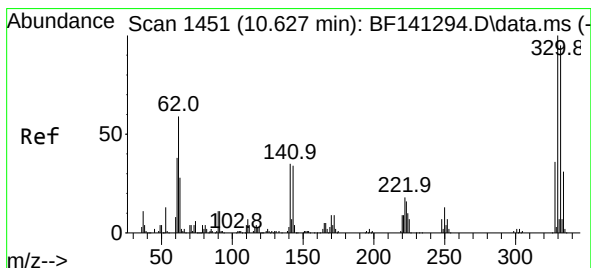
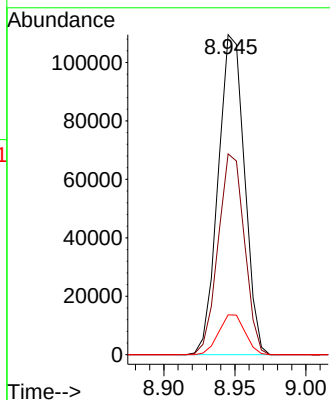
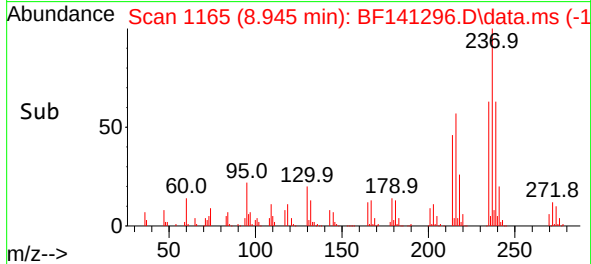
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



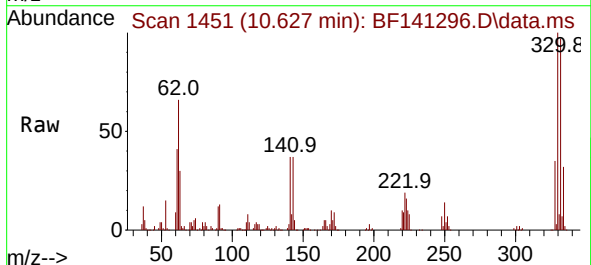
Tgt Ion: 237 Resp: 14138
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.5 0.0 32.8

Manual Integrations
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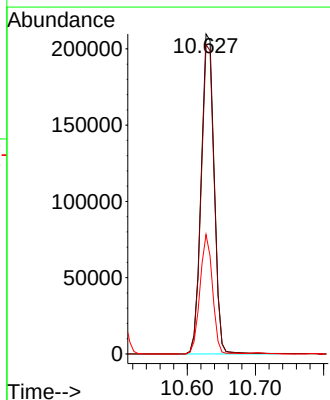
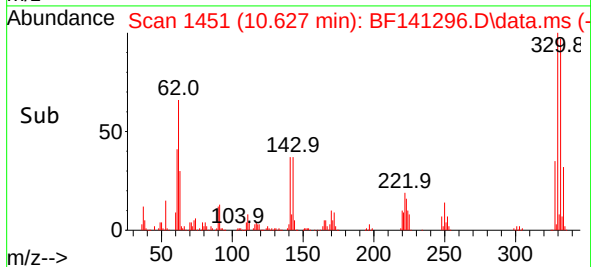
Reviewed By : Yogesh Patel 01/30/2025
Supervised By : mohammad ahmed 02/04/2025

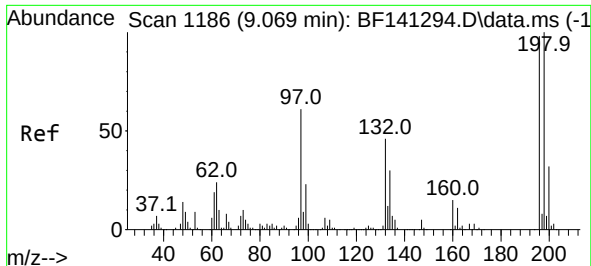


#42
2,4,6-Tribromophenol
Concen: 113.824 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



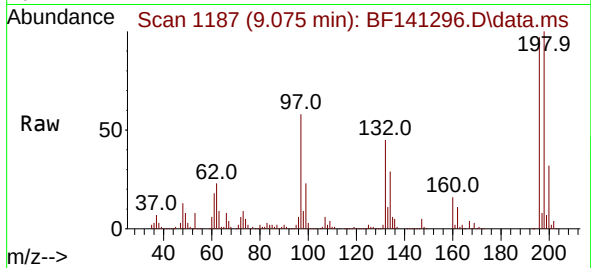
Tgt Ion: 330 Resp: 279105
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.8 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 58.588 ng
RT: 9.075 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

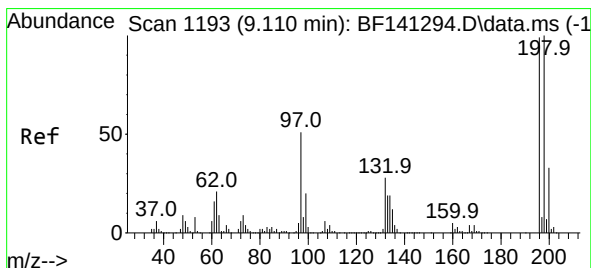
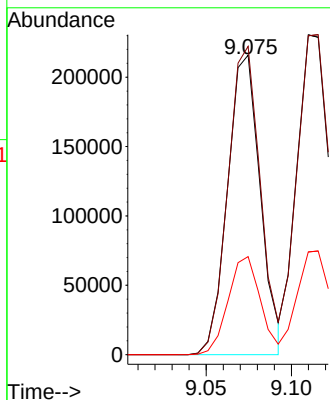
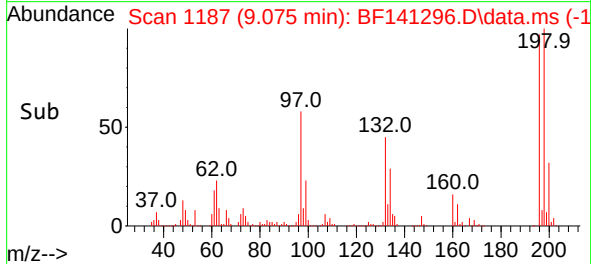
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



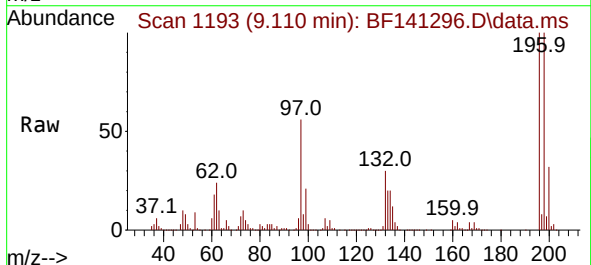
Tgt Ion:196 Resp: 288290
Ion Ratio Lower Upper
196 100
198 102.9 81.8 122.6
200 32.7 26.3 39.5

Manual Integrations
APPROVED

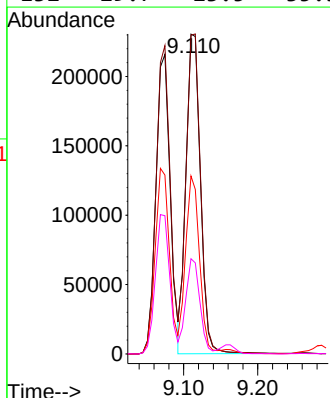
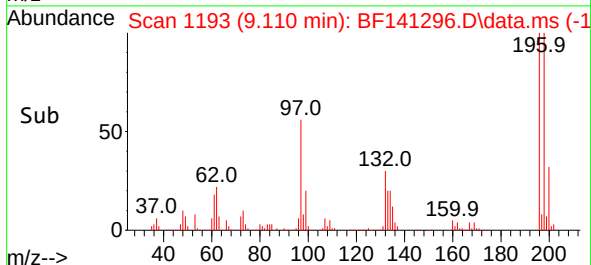
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

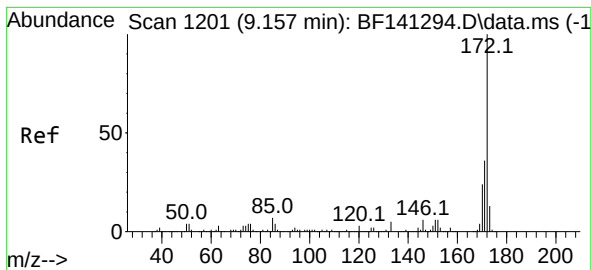


#44
2,4,5-Trichlorophenol
Concen: 59.000 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



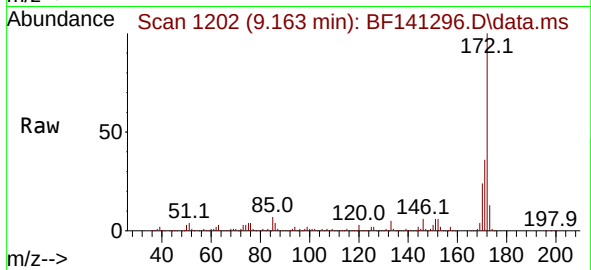
Tgt Ion:196 Resp: 314912
Ion Ratio Lower Upper
196 100
198 99.7 80.5 120.7
97 55.7 42.8 64.2
132 29.7 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 102.411 ng
RT: 9.163 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

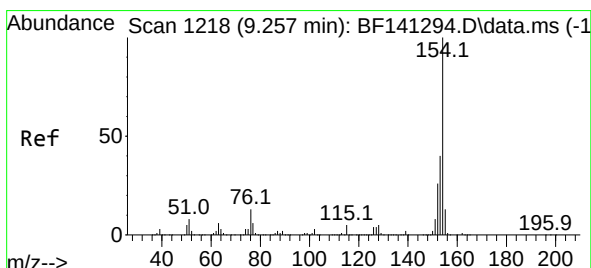
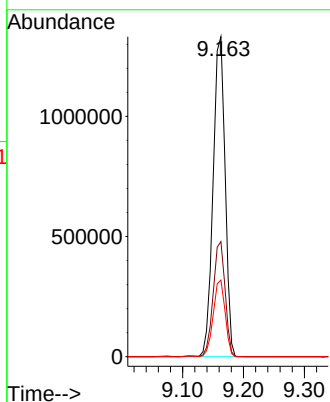
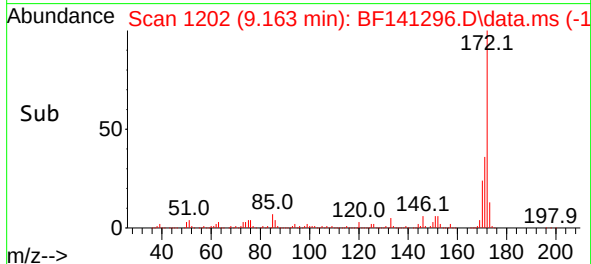
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



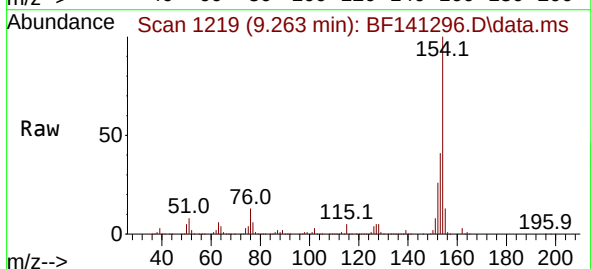
Tgt Ion:172 Resp: 1824372
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.0 28.6

Manual Integrations
APPROVED

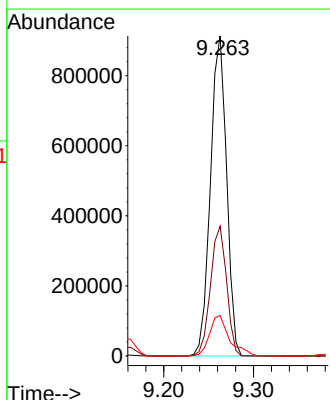
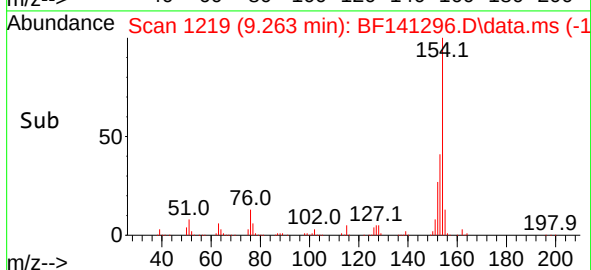
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

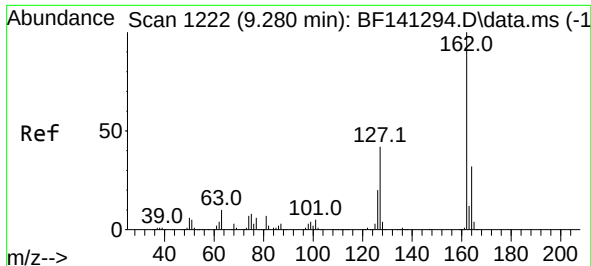


#46
1,1'-Biphenyl
Concen: 54.084 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:154 Resp: 1139946
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 12.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 55.247 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 90256

Ion Ratio Lower Upper

162 100

127 41.8 33.7 50.5

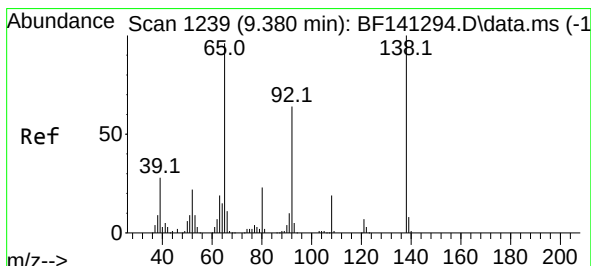
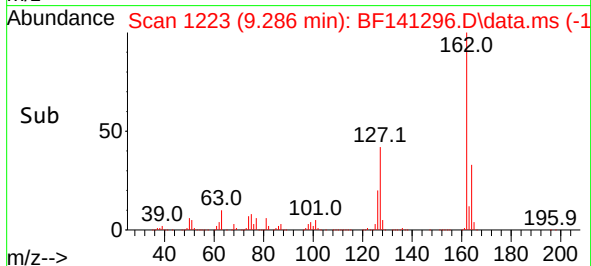
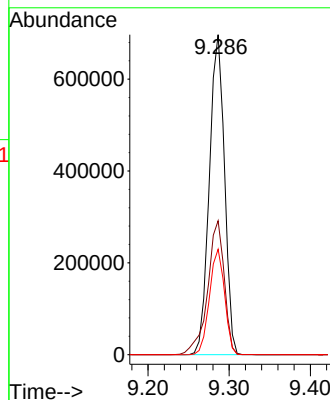
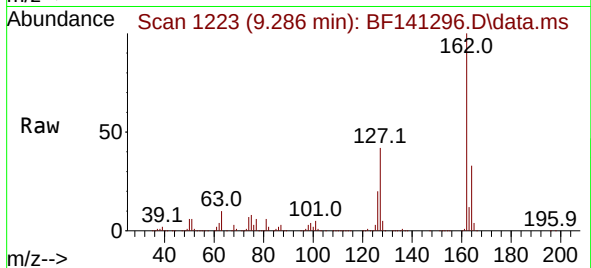
164 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 59.861 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

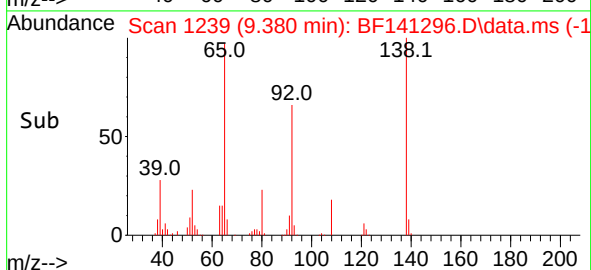
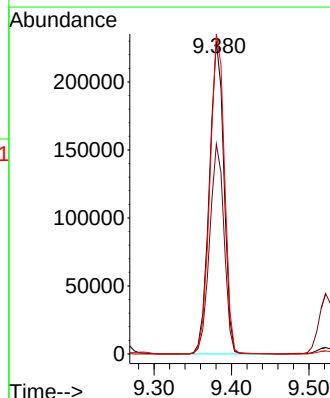
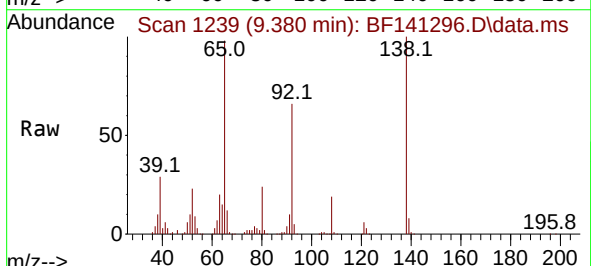
Tgt Ion: 65 Resp: 300339

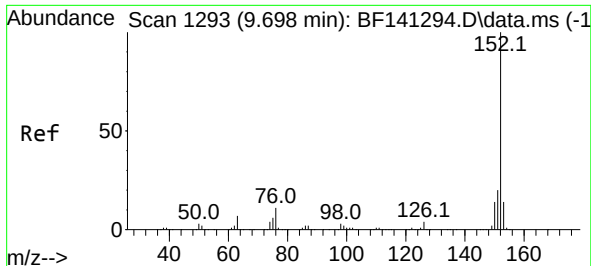
Ion Ratio Lower Upper

65 100

92 67.1 53.3 79.9

138 102.3 83.6 125.4





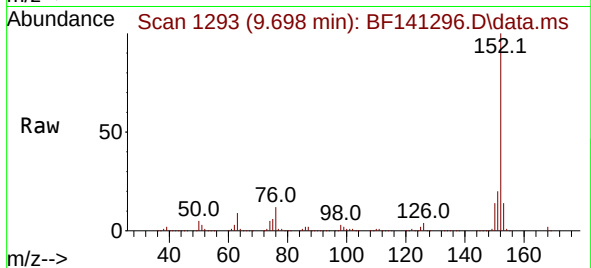
#49
Acenaphthylene
Concen: 54.924 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

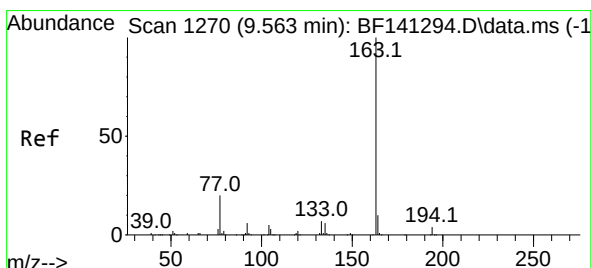
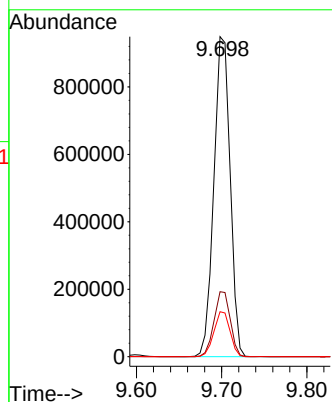
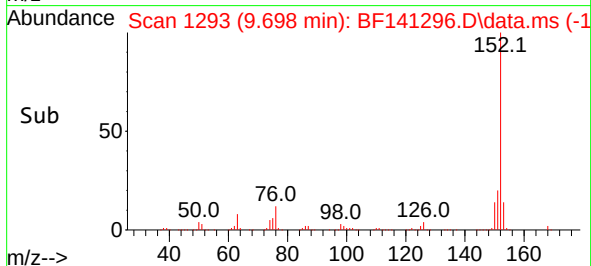


Tgt Ion:152 Resp: 125873
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.0 16.6

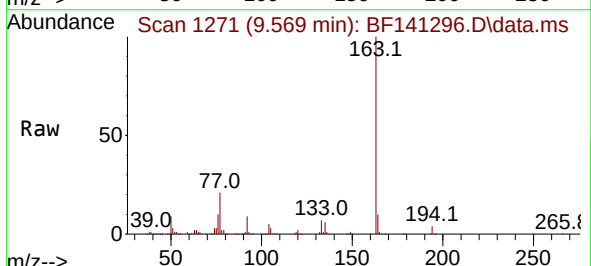
Manual Integrations

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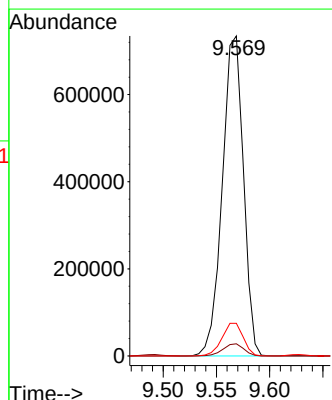
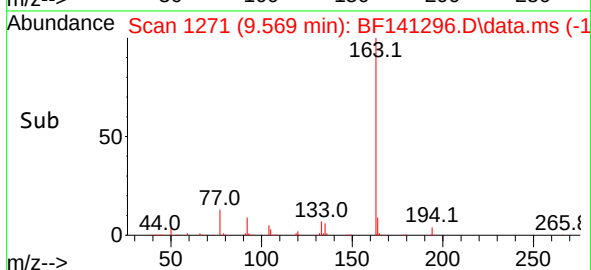
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

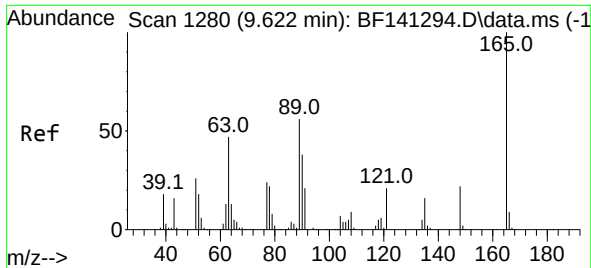


#50
Dimethylphthalate
Concen: 56.075 ng
RT: 9.569 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:163 Resp: 1012298
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





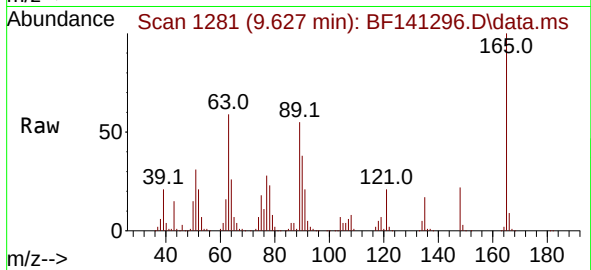
#51
2,6-Dinitrotoluene
Concen: 58.050 ng
RT: 9.627 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

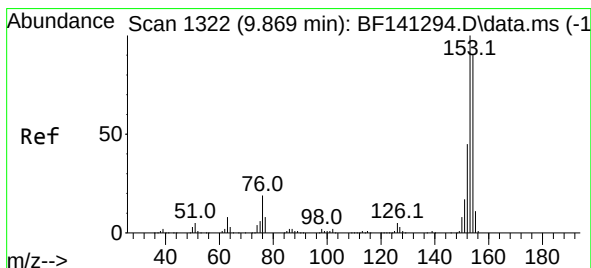
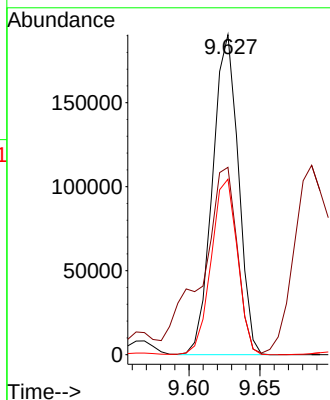
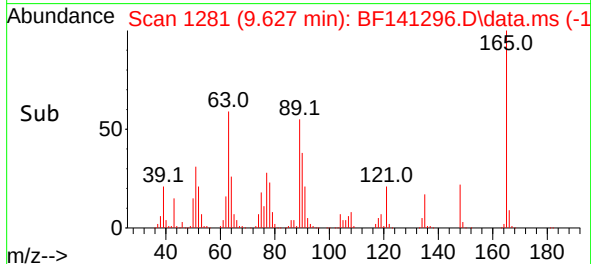


Tgt Ion:165 Resp: 24124
Ion Ratio Lower Upper
165 100
63 58.5 48.1 72.1
89 54.8 44.9 67.3

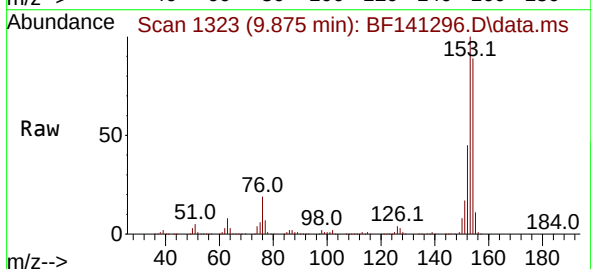
Manual Integrations

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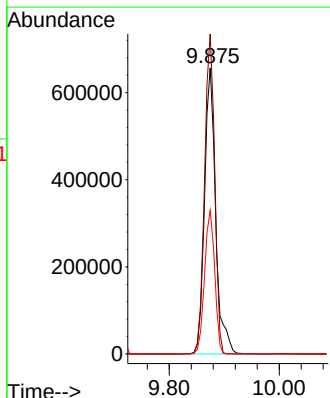
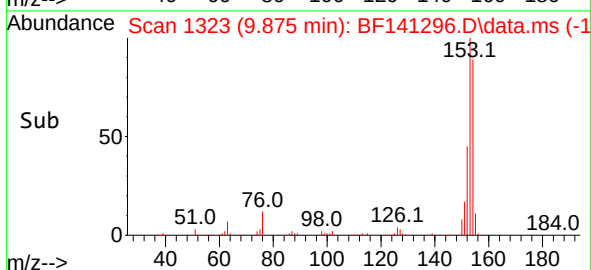
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

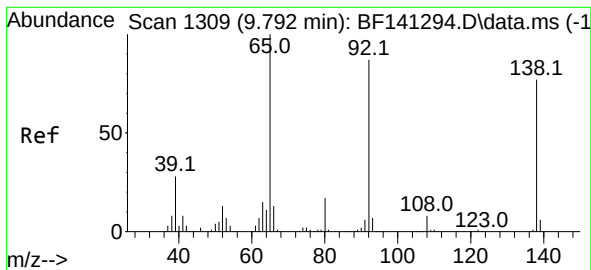


#52
Acenaphthene
Concen: 56.639 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:154 Resp: 921519
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.2 40.2 60.4





#53

3-Nitroaniline

Concen: 56.245 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

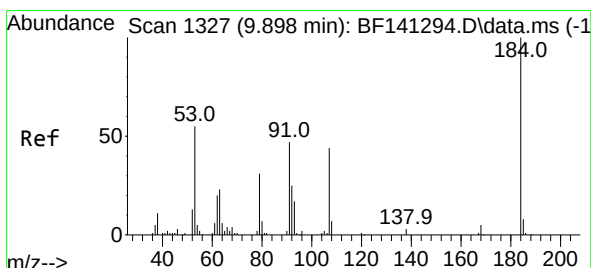
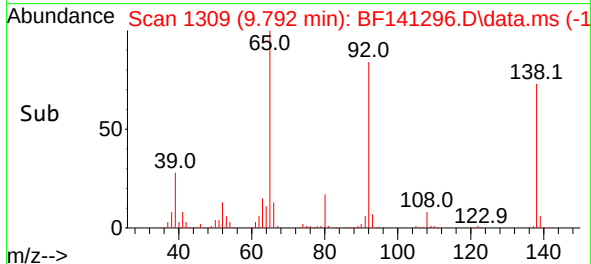
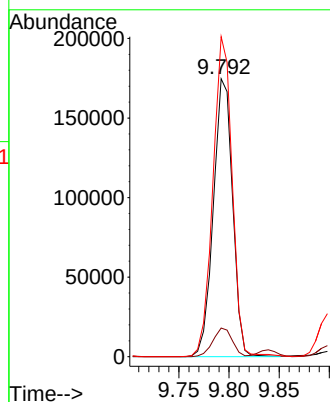
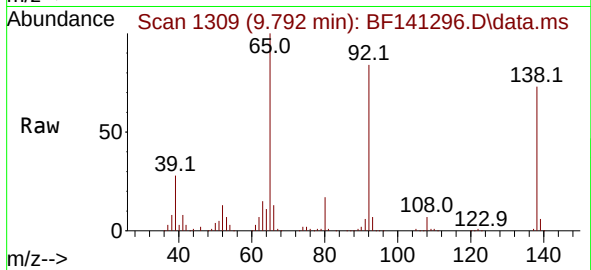
Tgt Ion:138 Resp: 232680

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	115.2	91.0	136.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#54

2,4-Dinitrophenol

Concen: 84.109 ng

RT: 9.898 min Scan# 1327

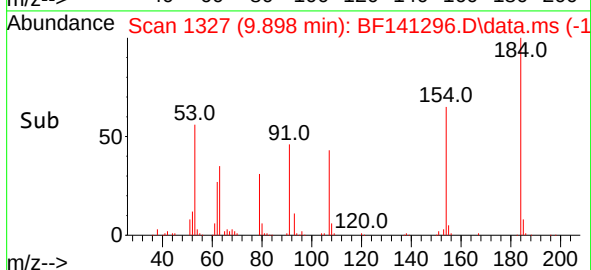
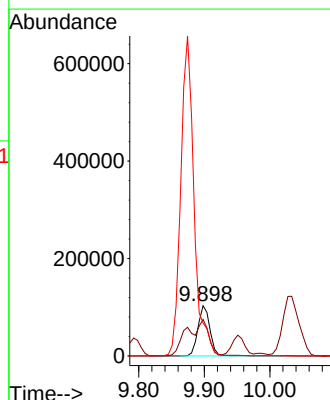
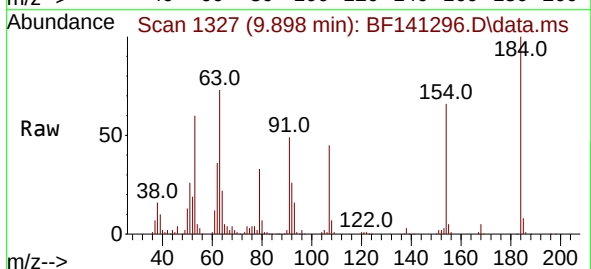
Delta R.T. -0.000 min

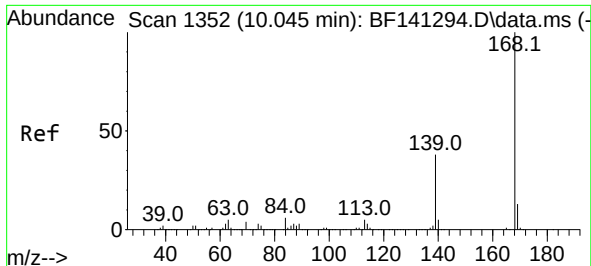
Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion:184 Resp: 132244

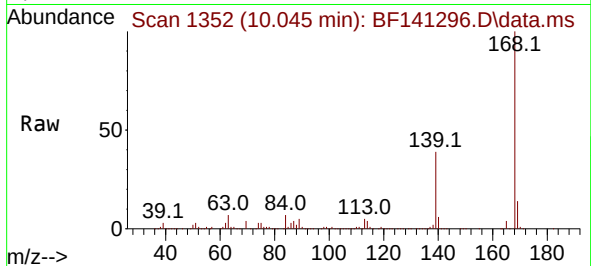
Ion	Ratio	Lower	Upper
184	100		
63	72.8	54.1	81.1
154	65.5	50.7	76.1





#55
Dibenzenofuran
Concen: 54.629 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

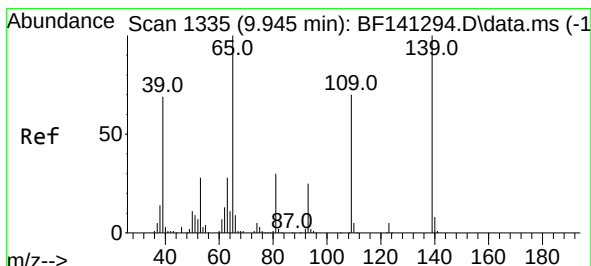
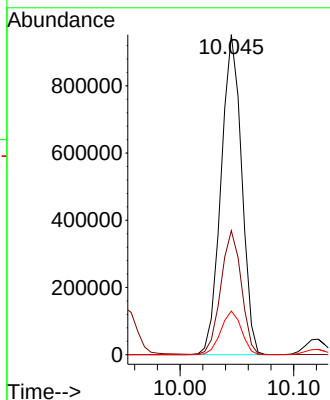
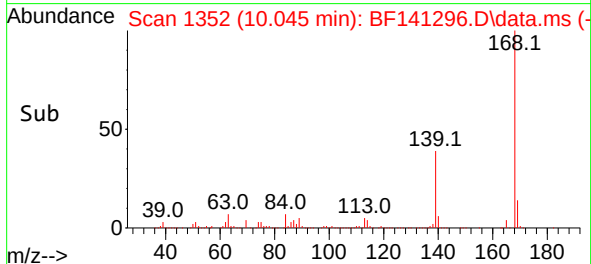
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 120202
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 13.7 10.8 16.2

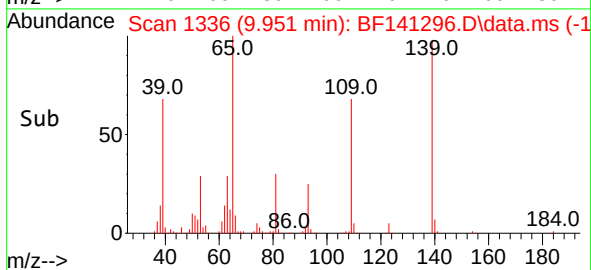
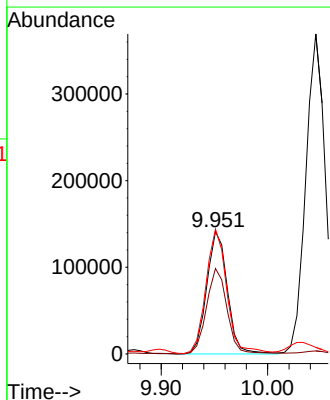
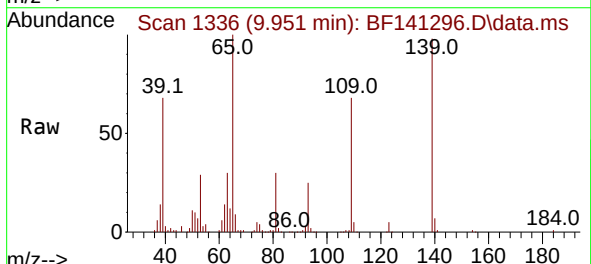
Manual Integrations
APPROVED

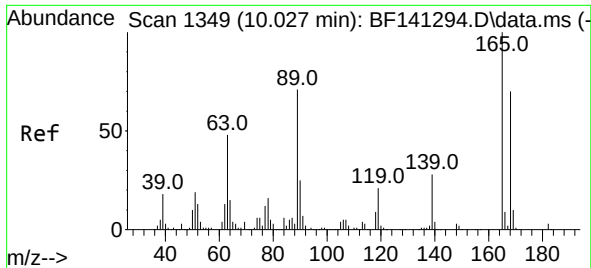
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 66.120 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 190620
Ion Ratio Lower Upper
139 100
109 69.8 50.2 90.2
65 102.1 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 58.312 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

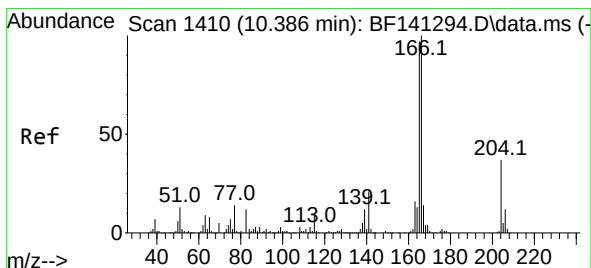
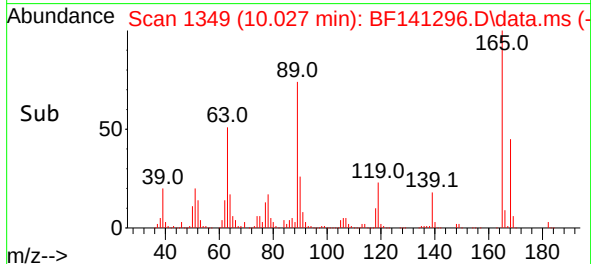
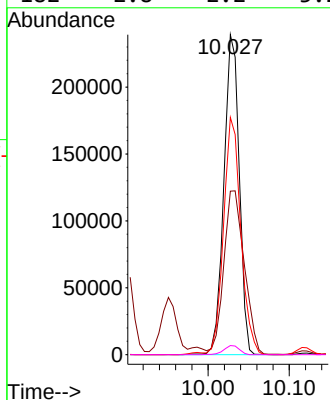
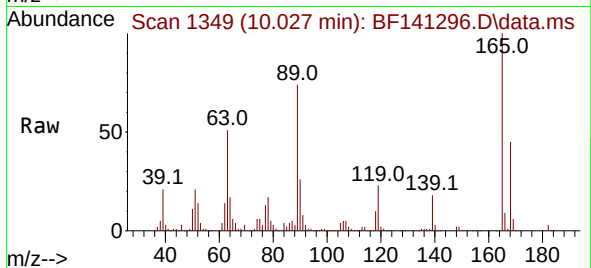
ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 31522
Ion Ratio Lower Upper
165 100
63 51.1 39.2 58.8
89 74.2 56.9 85.3
182 2.8 2.2 3.2

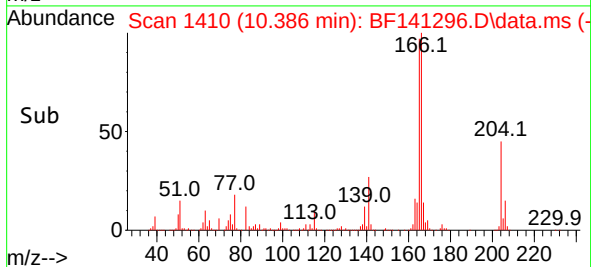
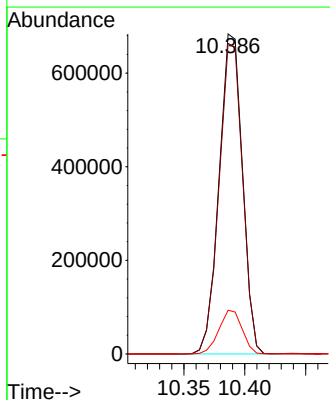
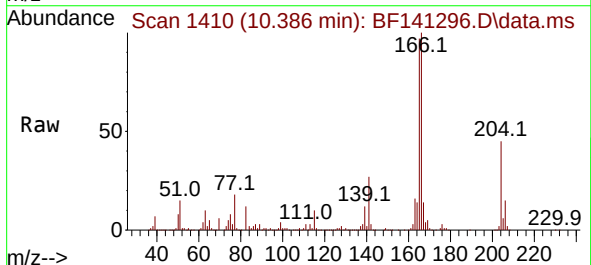
Manual Integrations
APPROVED

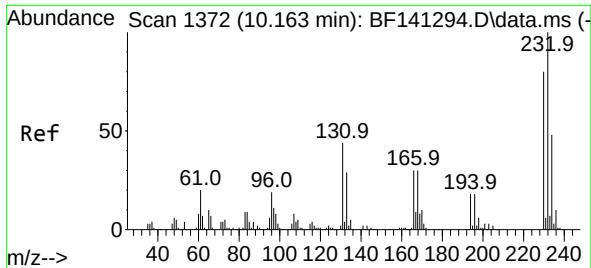
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 53.236 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

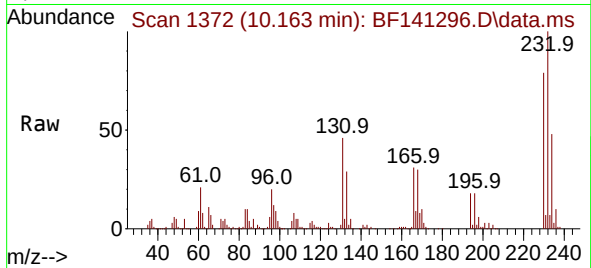
Tgt Ion:166 Resp: 915246
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.106 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

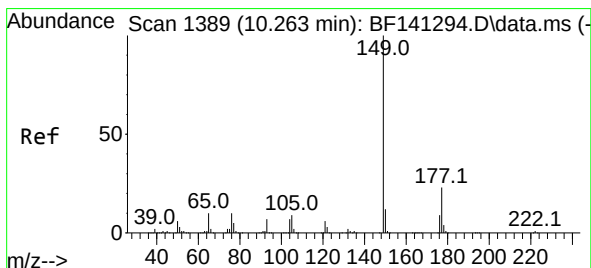
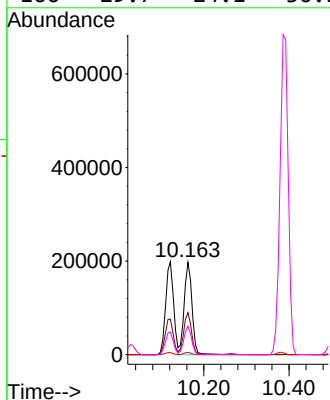
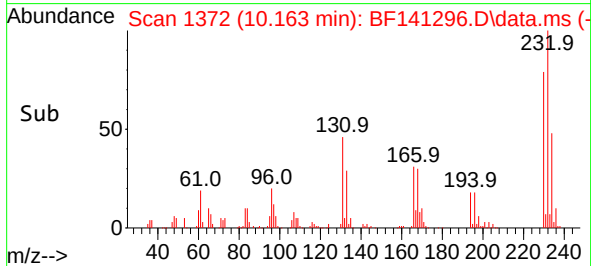
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



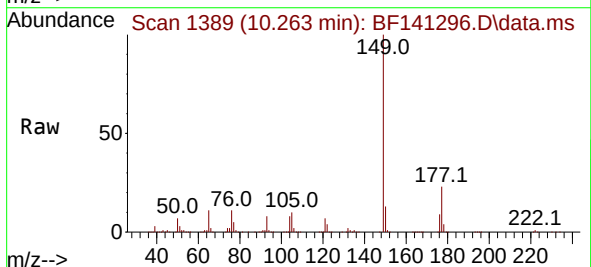
Tgt Ion:232 Resp: 252964
Ion Ratio Lower Upper
232 100
131 45.3 36.4 54.6
130 2.3 1.9 2.9
166 29.7 24.1 36.1

Manual Integrations
APPROVED

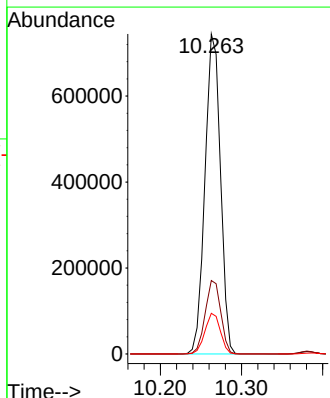
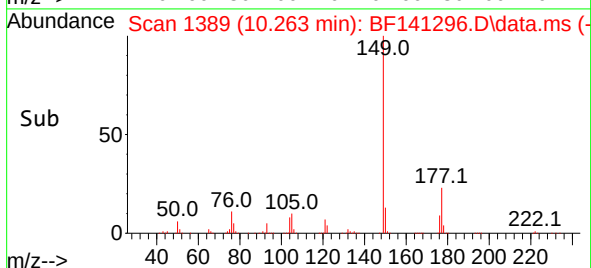
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

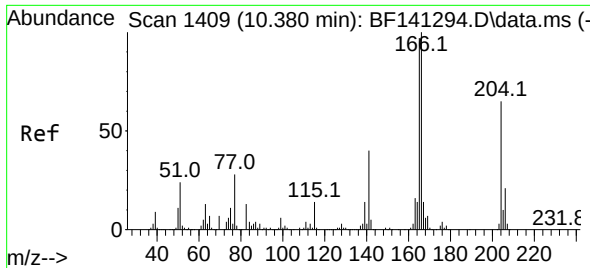


#60
Diethylphthalate
Concen: 55.897 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:149 Resp: 983788
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.7 10.0 15.0





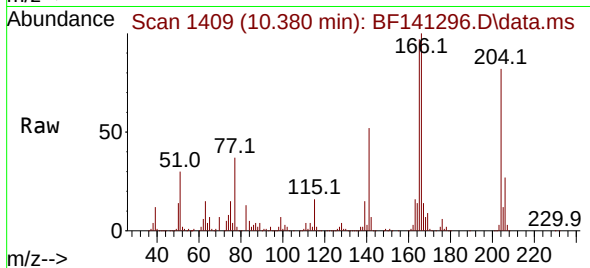
#61
4-Chlorophenyl-phenylether
Concen: 53.136 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

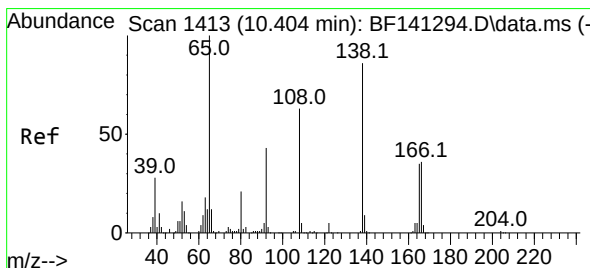
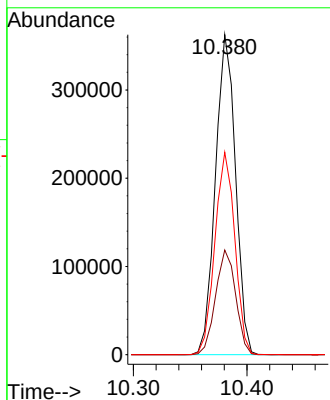
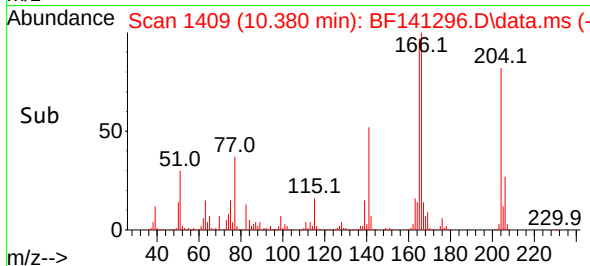
SSTDICC060



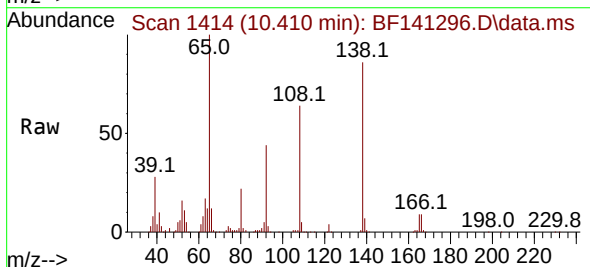
Tgt Ion:204 Resp: 44584
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 63.2 49.5 74.3

Manual Integrations
APPROVED

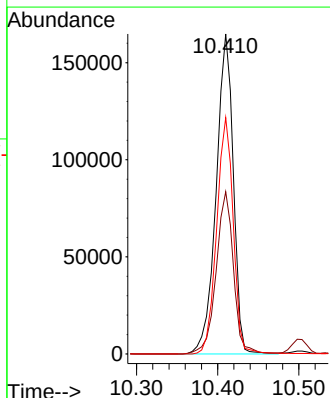
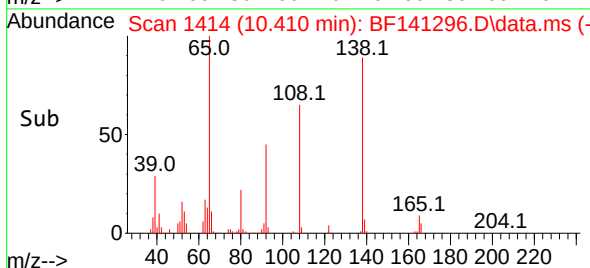
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

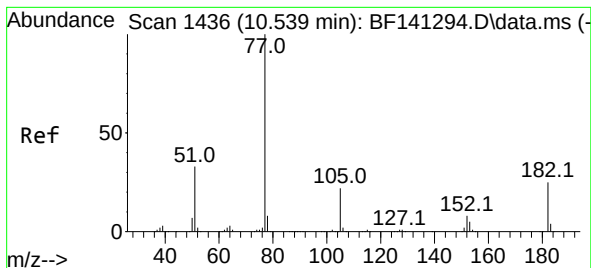


#62
4-Nitroaniline
Concen: 61.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:138 Resp: 242716
Ion Ratio Lower Upper
138 100
92 50.7 30.1 70.1
108 73.8 53.1 93.1





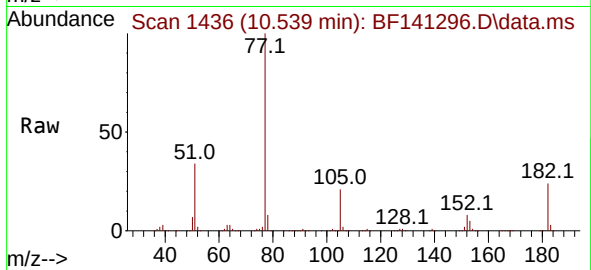
#63
Azobenzene
Concen: 56.821 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

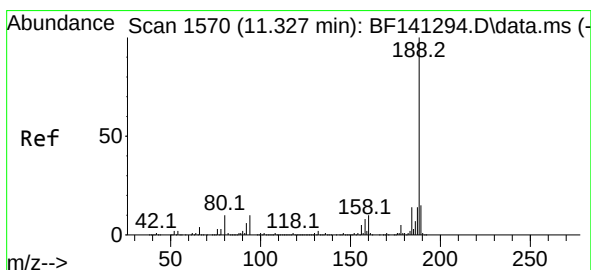
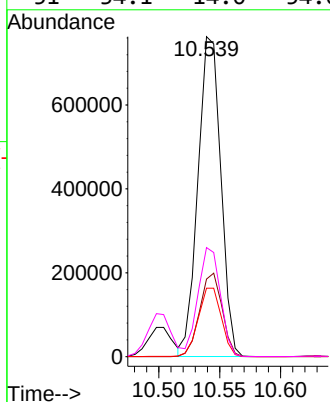
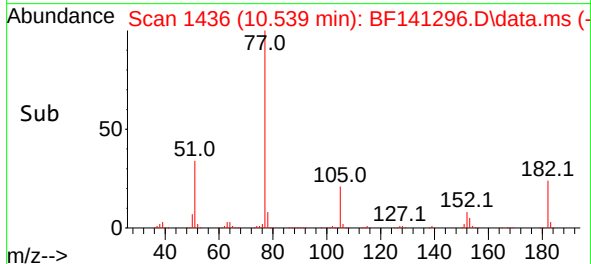


Tgt Ion: 77 Resp: 996600
Ion Ratio Lower Upper
77 100
182 24.3 5.1 45.1
105 21.4 1.8 41.8
51 34.1 14.0 54.0

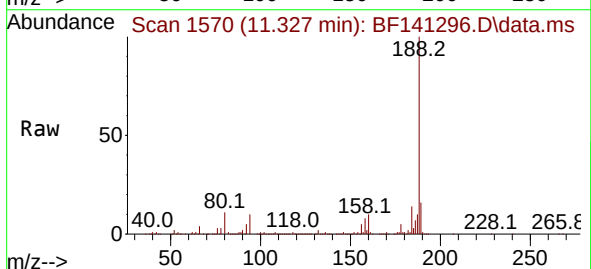
Manual Integrations

APPROVED

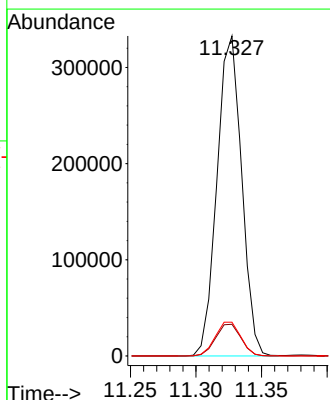
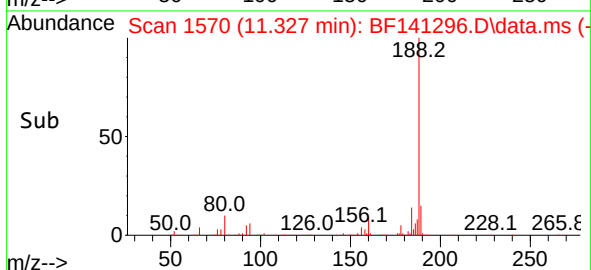
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

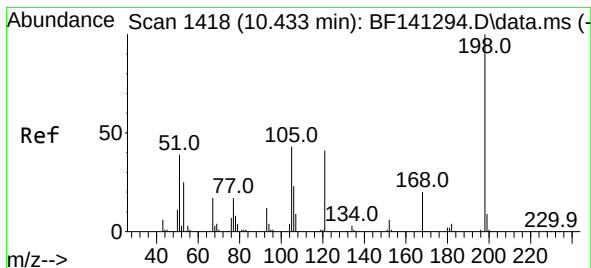


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:188 Resp: 434671
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.6 8.2 12.4





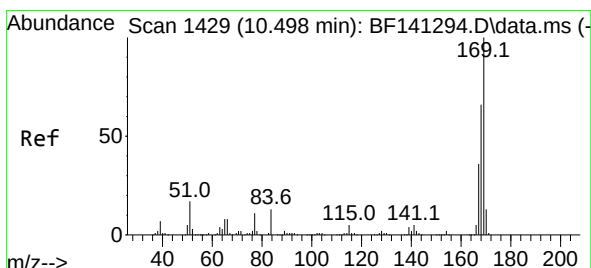
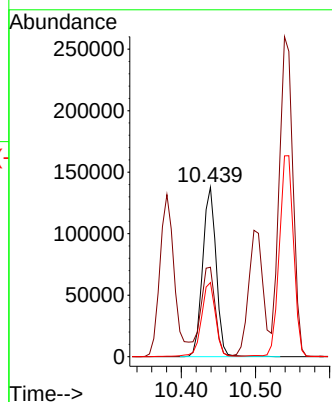
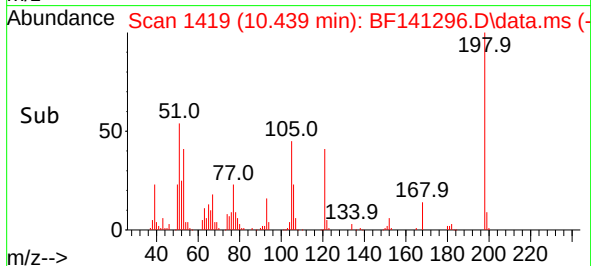
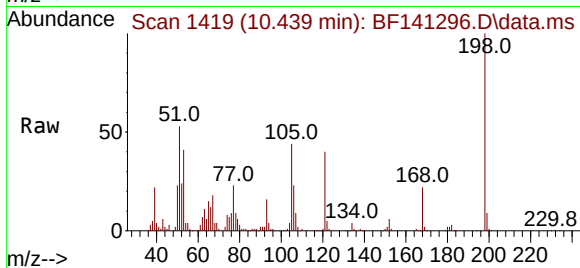
#65
4,6-Dinitro-2-methylphenol
Concen: 71.103 ng
RT: 10.439 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 174248
Ion Ratio Lower Upper
198 100
51 52.8 33.4 73.4
105 43.7 24.4 64.4

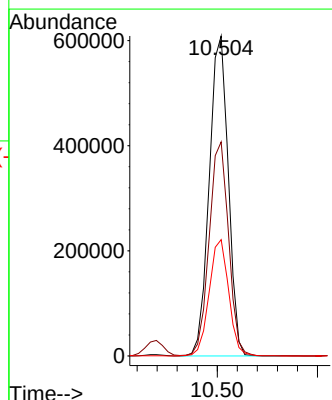
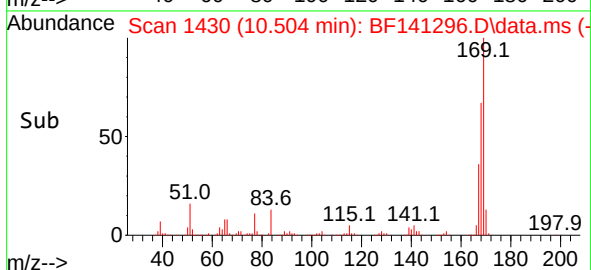
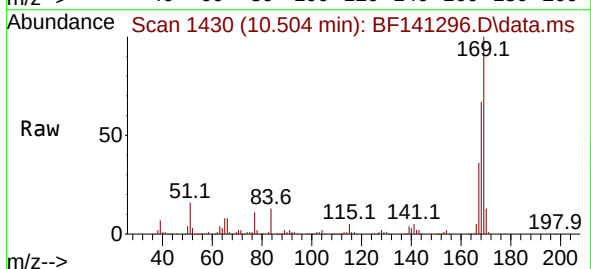
Manual Integrations
APPROVED

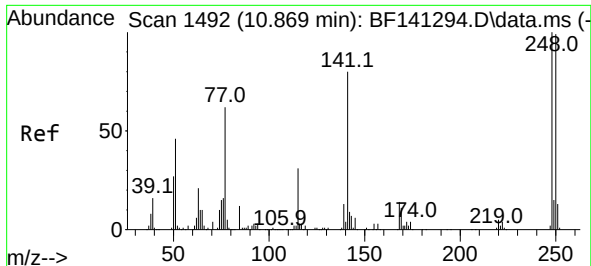
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 55.423 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

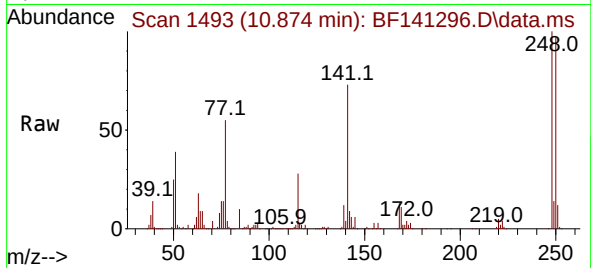
Tgt Ion:169 Resp: 800147
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 57.957 ng
RT: 10.874 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

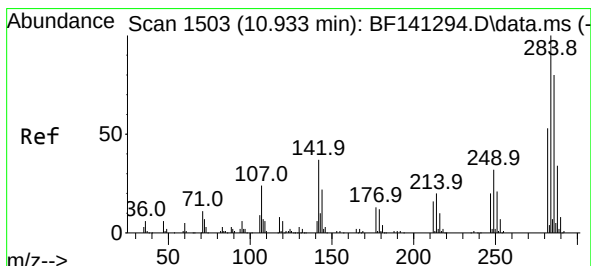
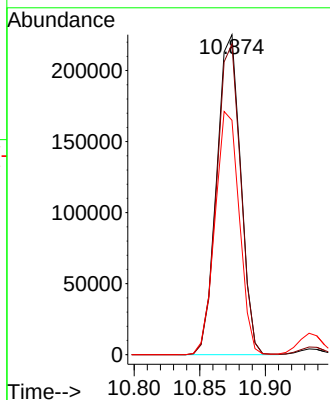
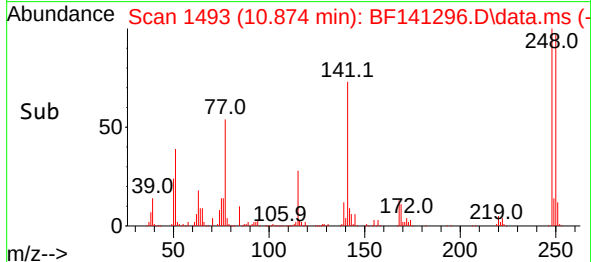
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



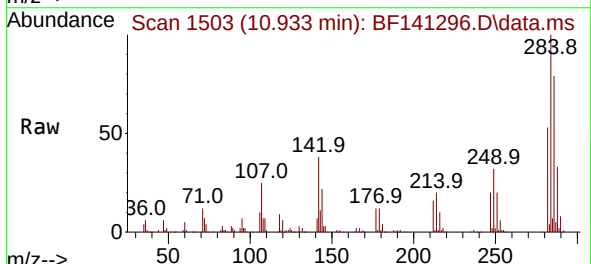
Tgt Ion:248 Resp: 28664
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 73.2 63.7 95.5

Manual Integrations
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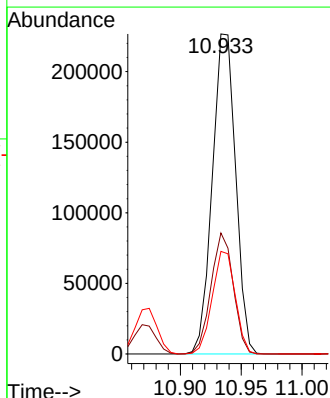
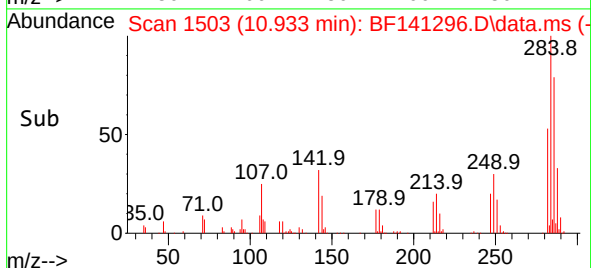
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

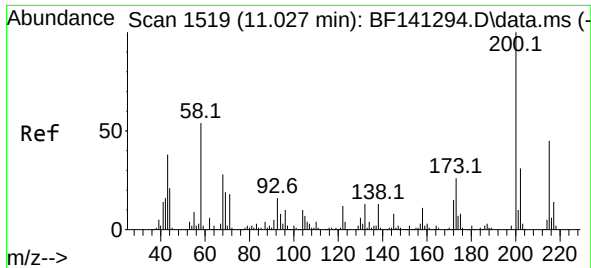


#68
Hexachlorobenzene
Concen: 57.366 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



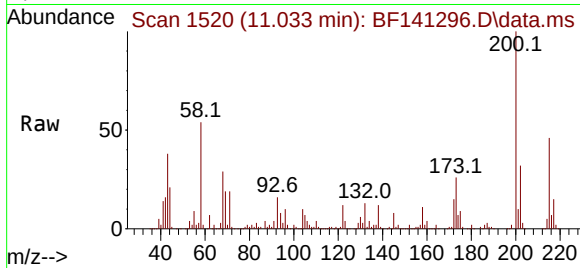
Tgt Ion:284 Resp: 302508
Ion Ratio Lower Upper
284 100
142 37.8 29.5 44.3
249 32.0 25.4 38.2





#69
Atrazine
Concen: 66.863 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

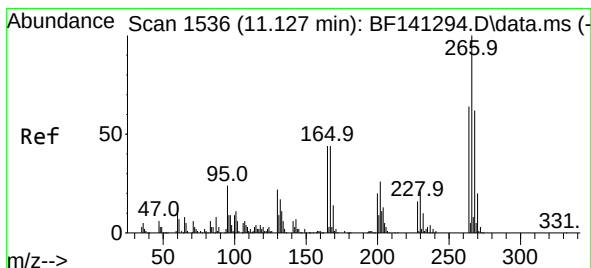
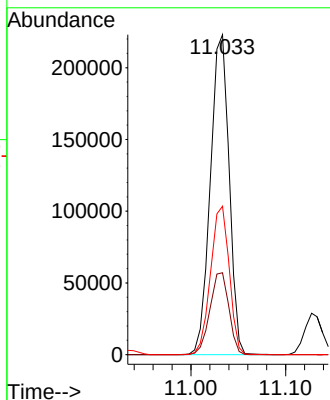
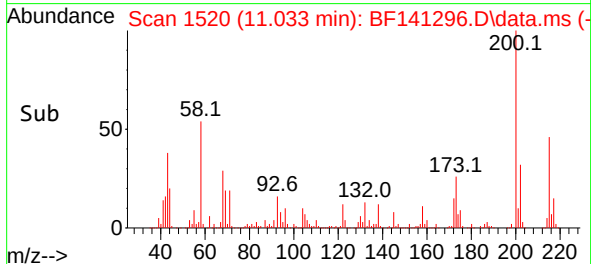
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



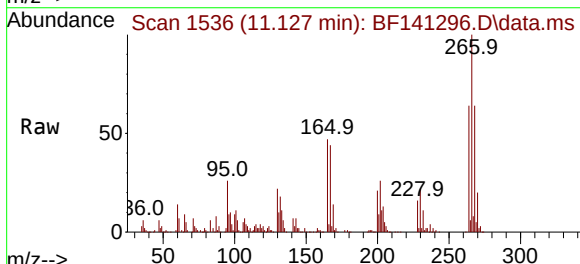
Tgt Ion:200 Resp: 306524
Ion Ratio Lower Upper
200 100
173 25.6 5.9 45.9
215 46.4 25.2 65.2

Manual Integrations
APPROVED

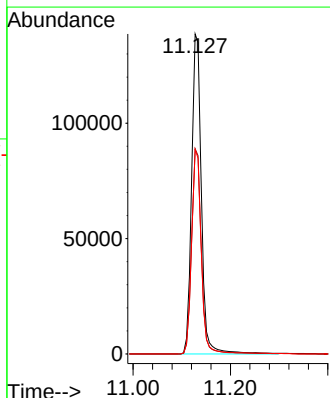
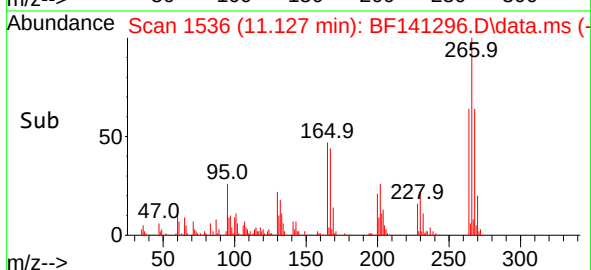
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

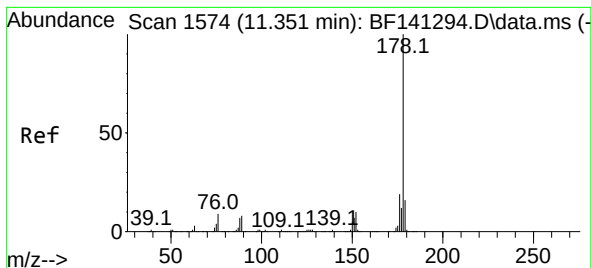


#70
Pentachlorophenol
Concen: 65.443 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:266 Resp: 194335
Ion Ratio Lower Upper
266 100
268 64.1 49.9 74.9
264 63.9 51.0 76.4





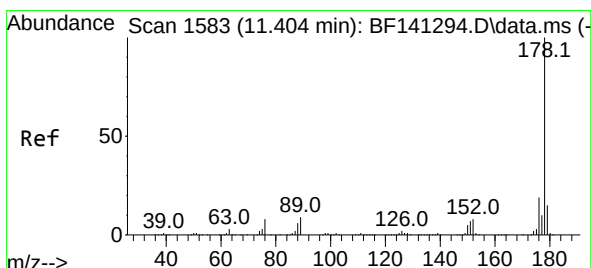
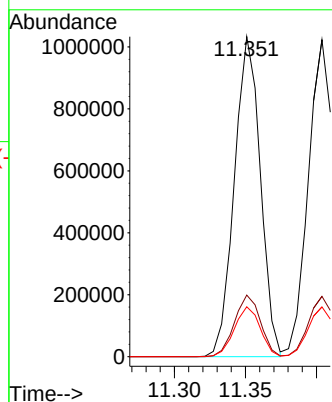
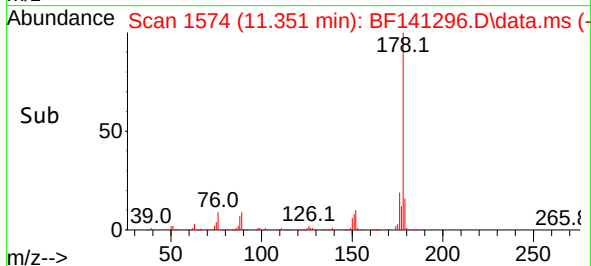
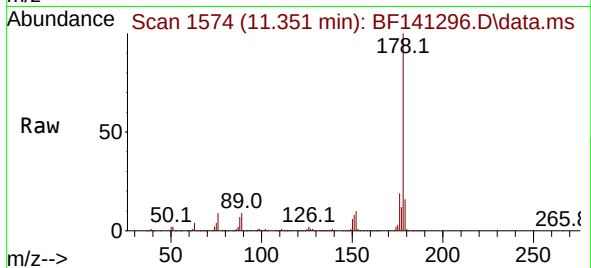
#71
Phenanthrene
Concen: 54.311 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1316980
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.5 18.7

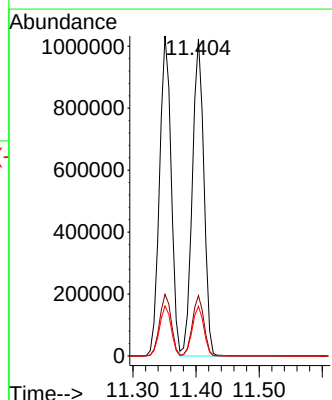
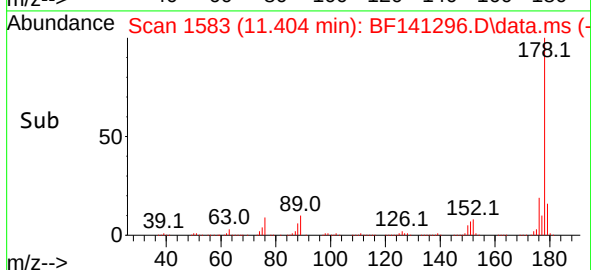
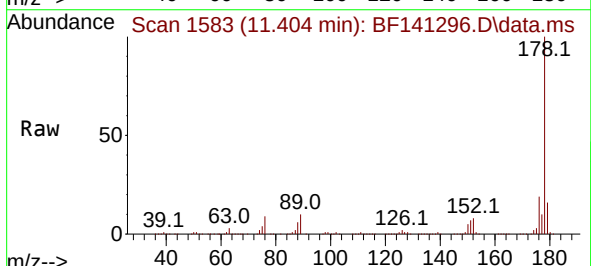
Manual Integrations
APPROVED

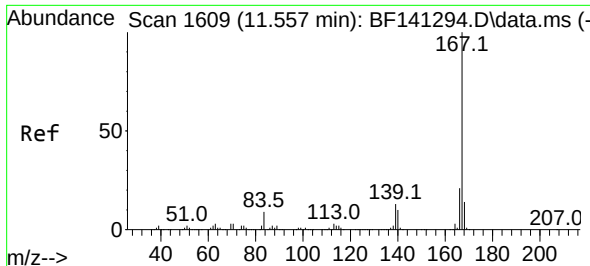
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 54.763 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

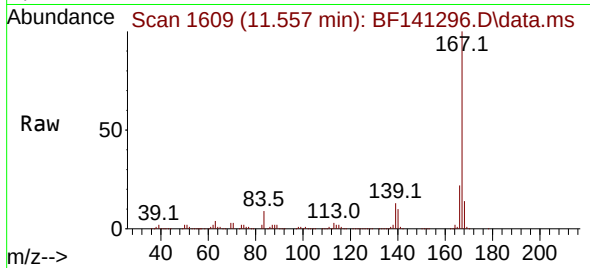
Tgt Ion:178 Resp: 1298334
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 55.874 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

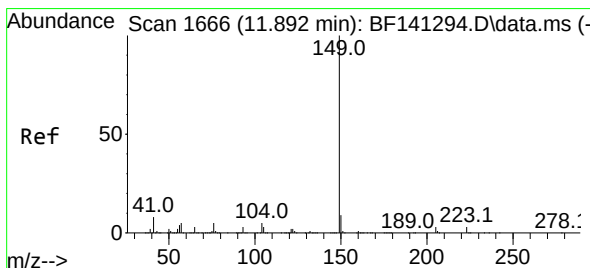
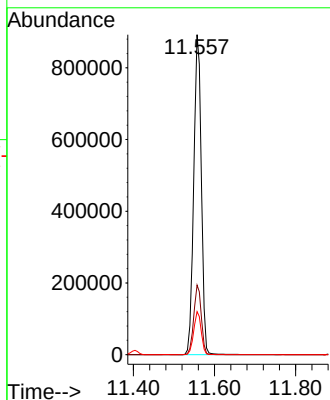
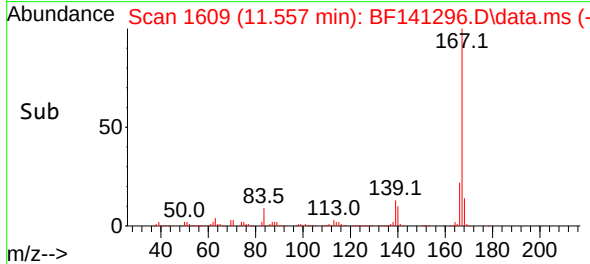
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



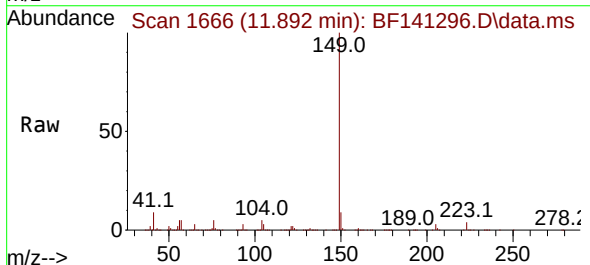
Tgt Ion:167 Resp: 1173330
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.6 16.0

Manual Integrations
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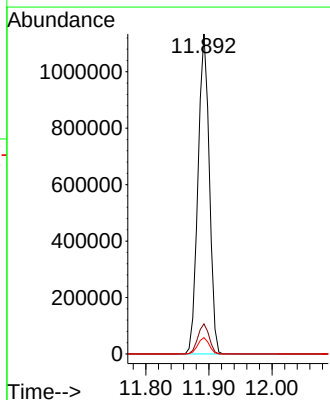
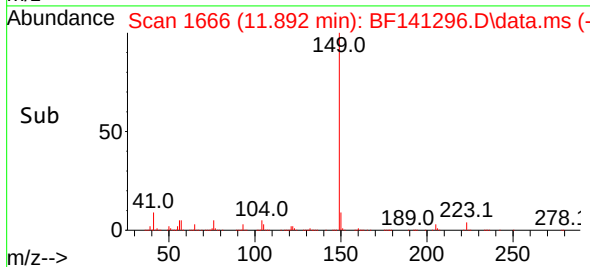
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

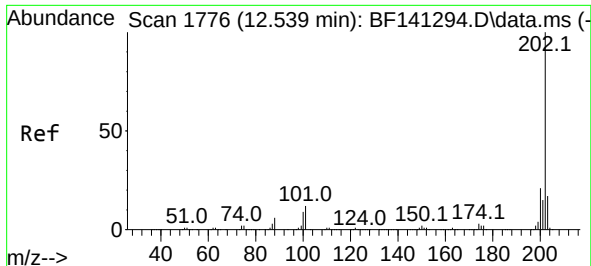


#74
 Di-n-butylphthalate
 Concen: 55.325 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38



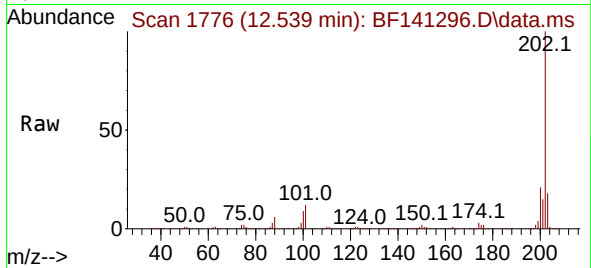
Tgt Ion:149 Resp: 1410222
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 52.878 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

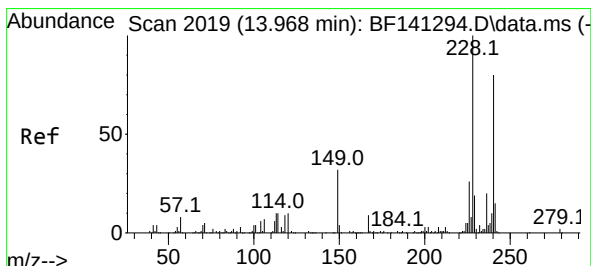
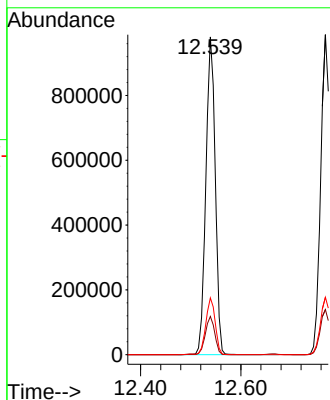
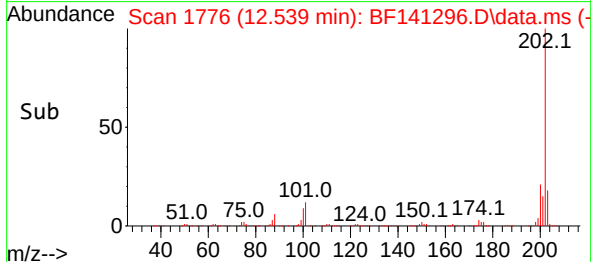
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



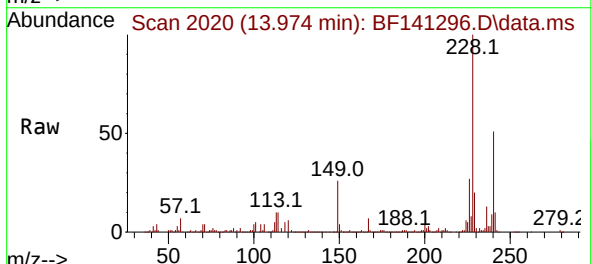
Tgt Ion:202 Resp: 1279999
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.9 0.0 37.5

Manual Integrations
APPROVED

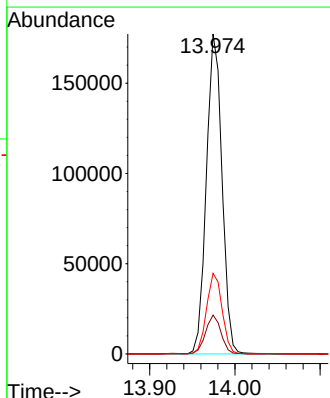
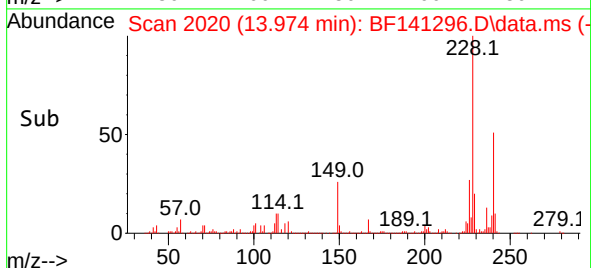
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

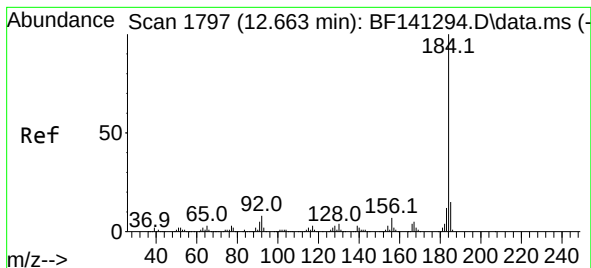


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:240 Resp: 225615
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.2 19.7 29.5





#77

Benzidine

Concen: 67.692 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

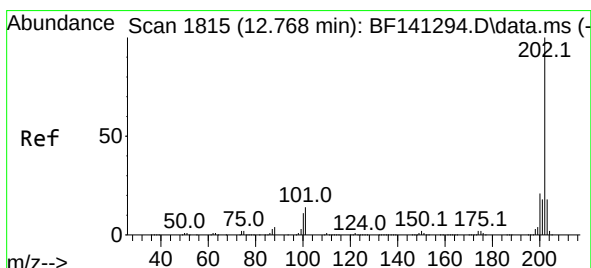
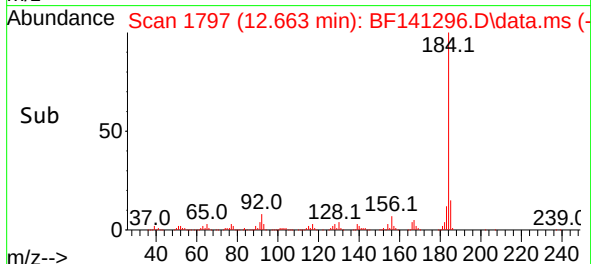
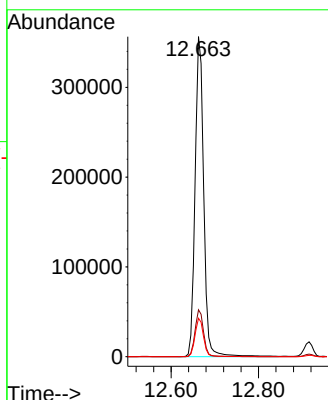
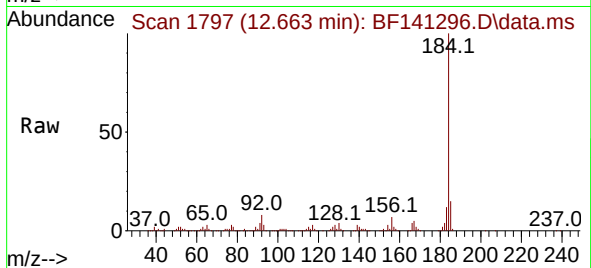
ClientSampleId :

SSTDICC060

Tgt Ion:184 Resp: 490009
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.9 17.9
 183 12.0 9.5 14.3

Manual Integrations
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Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025



#78

Pyrene

Concen: 57.717 ng

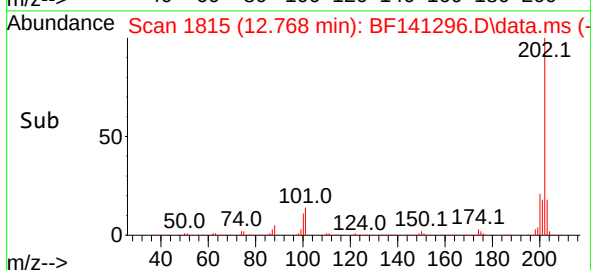
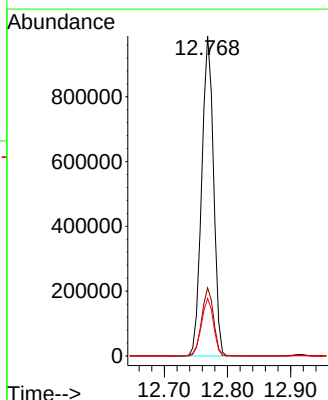
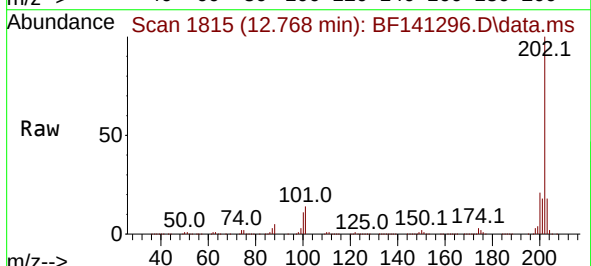
RT: 12.768 min Scan# 1815

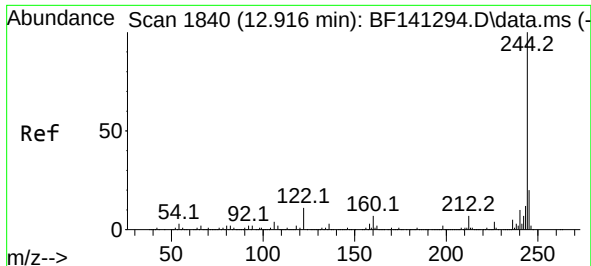
Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion:202 Resp: 1284820
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 18.0 14.3 21.5





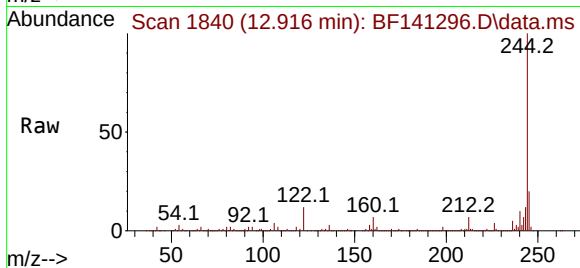
#79
 Terphenyl-d14
 Concen: 109.453 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

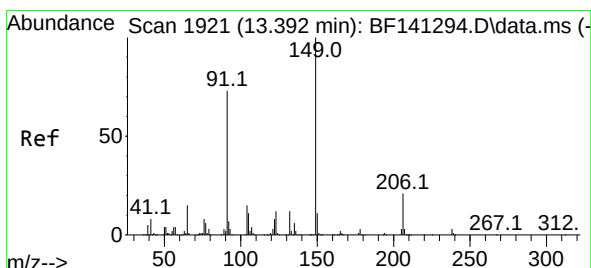
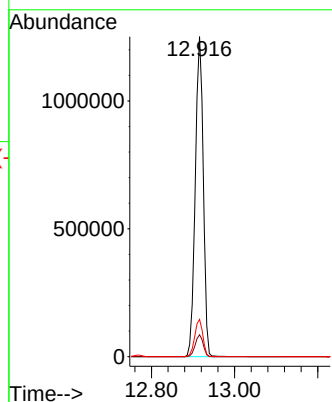
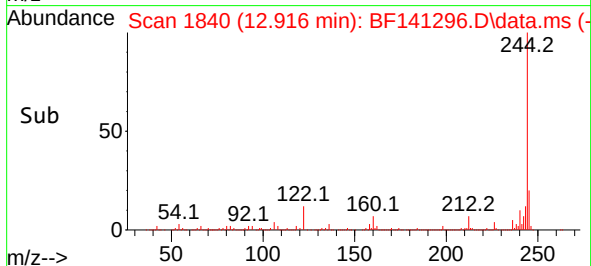


Tgt Ion:244 Resp: 166559
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 8.8 13.2

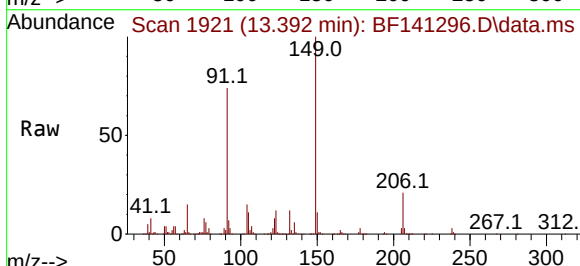
Manual Integrations

APPROVED

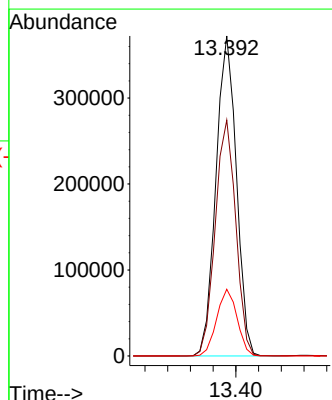
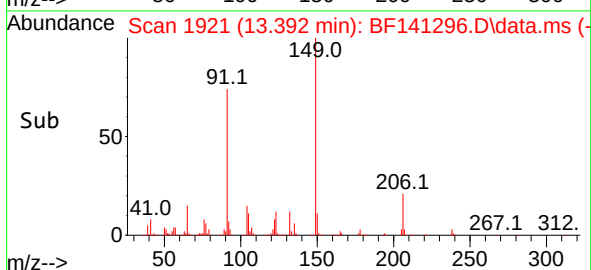
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

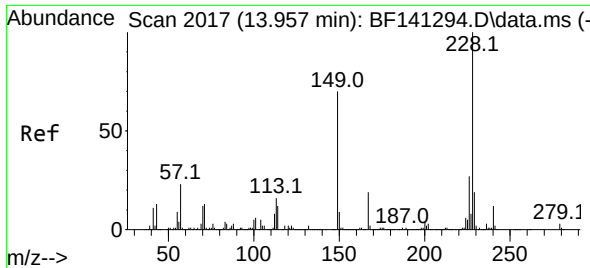


#80
 Butylbenzylphthalate
 Concen: 60.745 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141296.D
 Acq: 29 Jan 2025 16:38



Tgt Ion:149 Resp: 465533
 Ion Ratio Lower Upper
 149 100
 91 73.7 58.6 87.8
 206 20.8 16.7 25.1





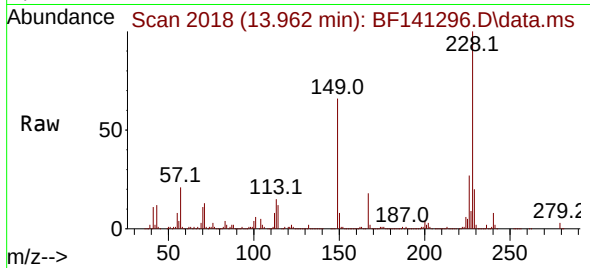
#81
Benzo(a)anthracene
Concen: 57.742 ng
RT: 13.962 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



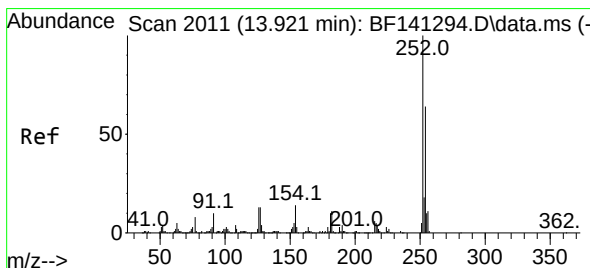
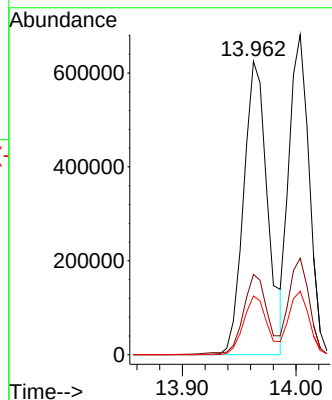
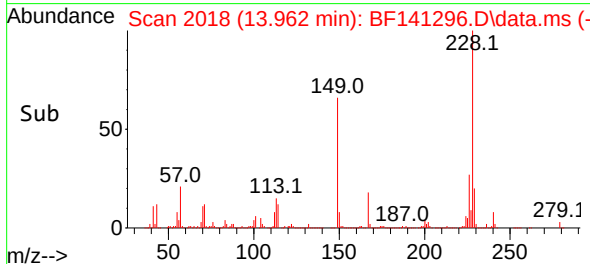
Tgt Ion:228 Resp: 917219
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 20.0 15.5 23.3

Manual Integrations

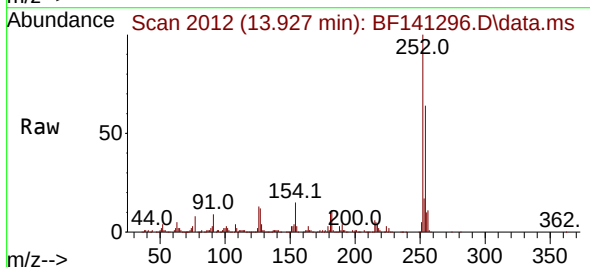
APPROVED

Reviewed By :Yogesh Patel 01/30/2025

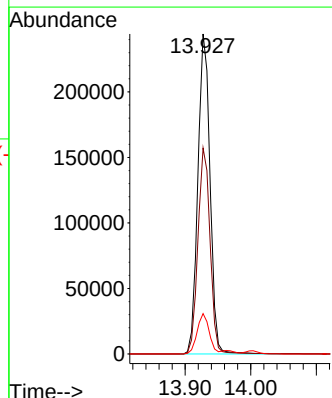
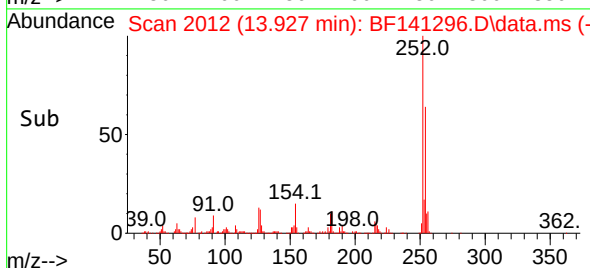
Supervised By :mohammad ahmed 02/04/2025

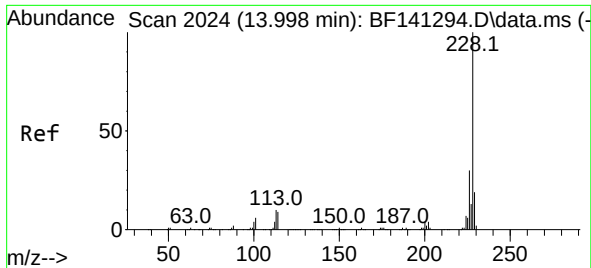


#82
3,3'-Dichlorobenzidine
Concen: 64.819 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



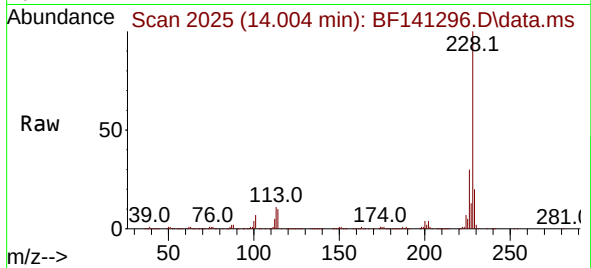
Tgt Ion:252 Resp: 315503
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 12.6 10.0 15.0





#83
Chrysene
Concen: 58.239 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

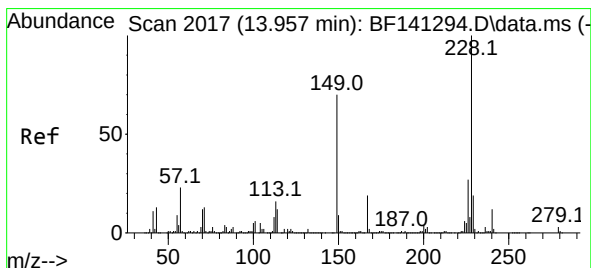
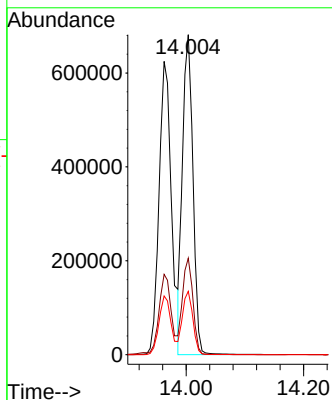
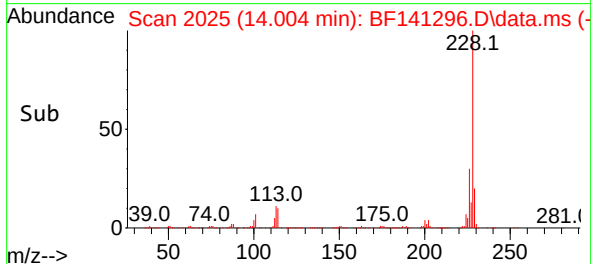
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 841120
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 15.6 23.4

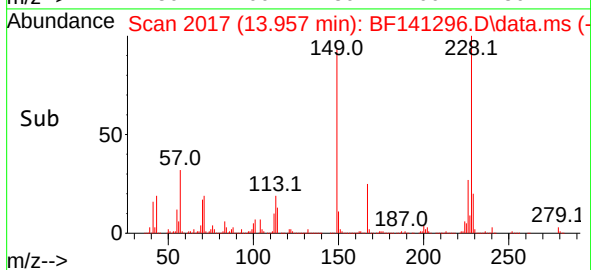
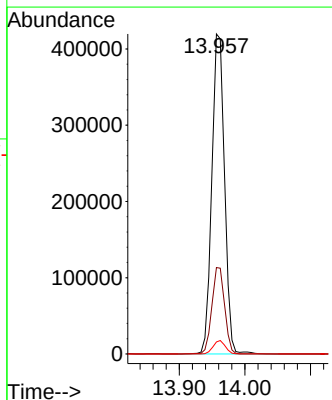
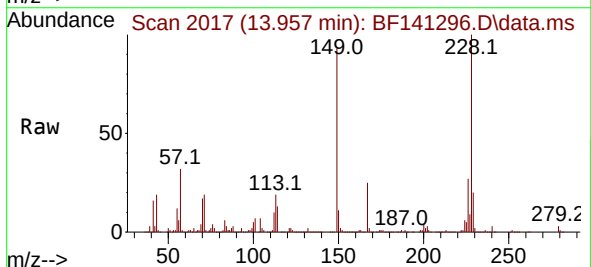
Manual Integrations
APPROVED

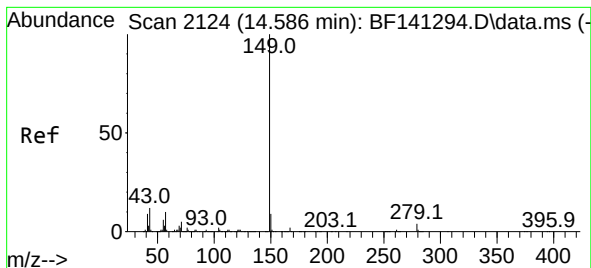
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.438 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 564642
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.953 ng

RT: 14.598 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 95147

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

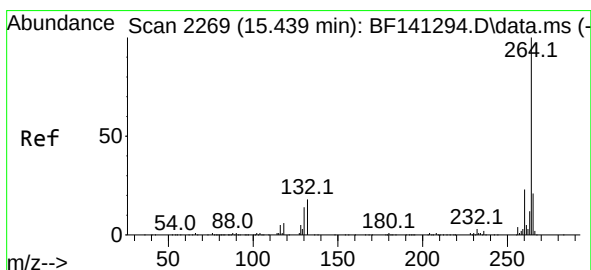
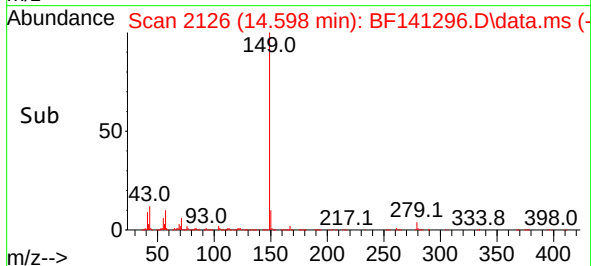
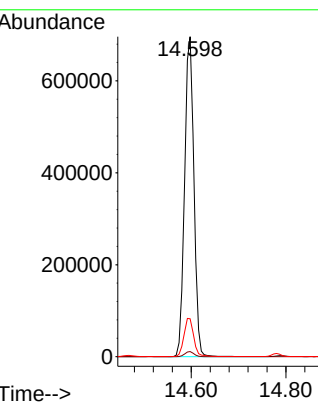
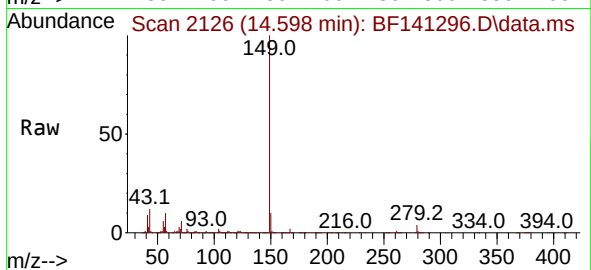
43 12.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

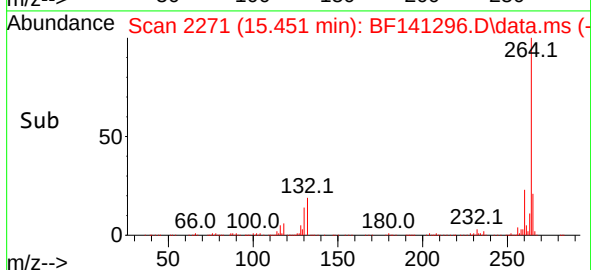
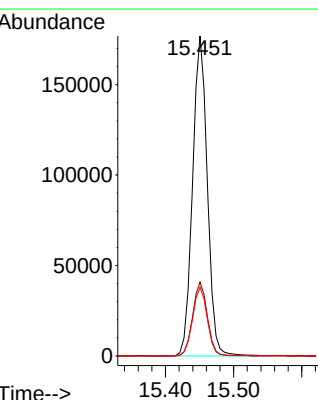
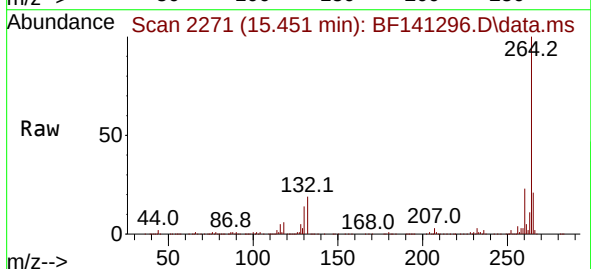
Tgt Ion:264 Resp: 265921

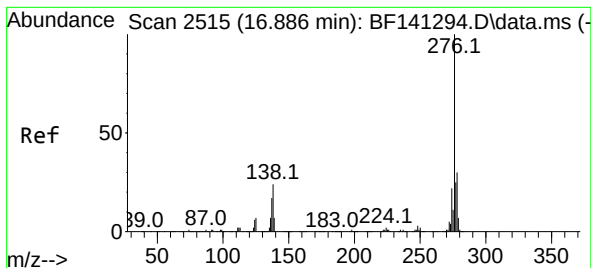
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.732 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 105498

Ion Ratio Lower Upper

276 100

138 27.6 21.7 32.5

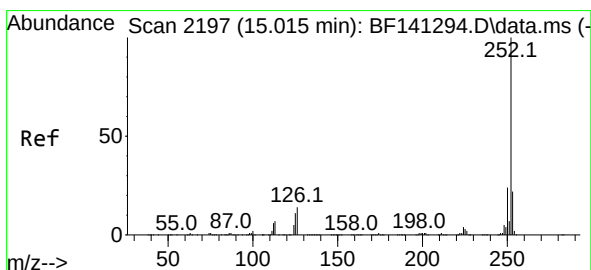
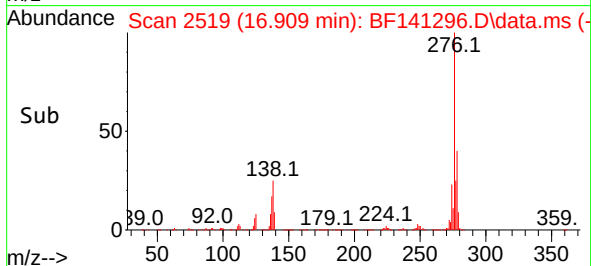
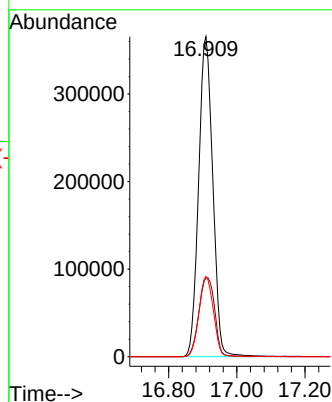
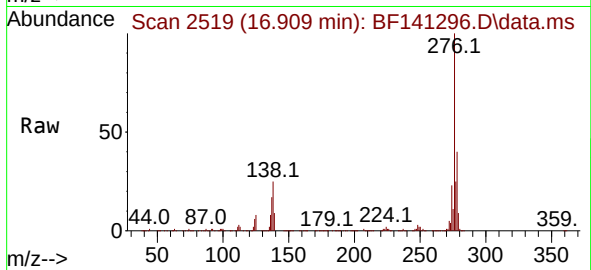
277 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#88

Benzo(b)fluoranthene

Concen: 56.615 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.018 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

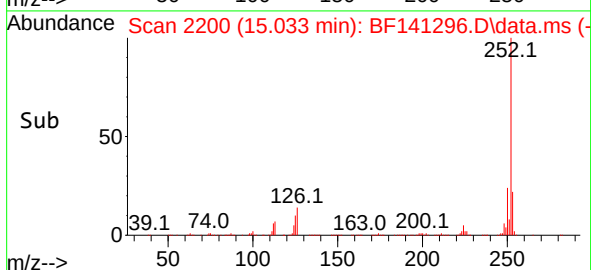
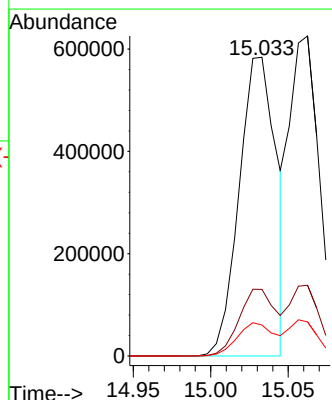
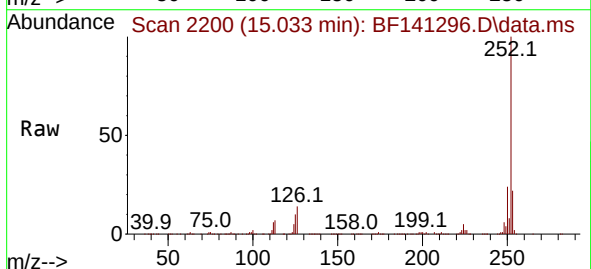
Tgt Ion:252 Resp: 971433

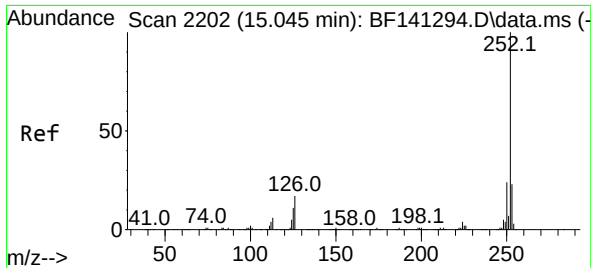
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.3 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 55.934 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

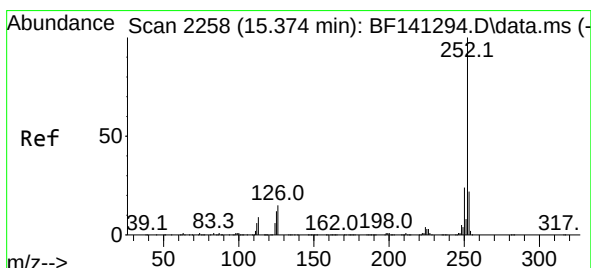
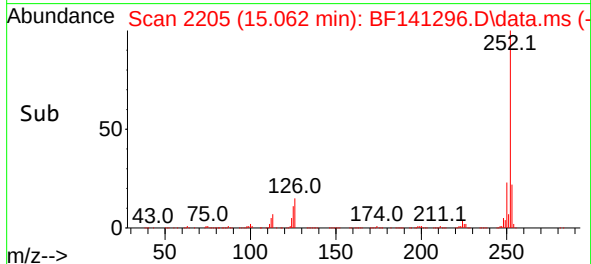
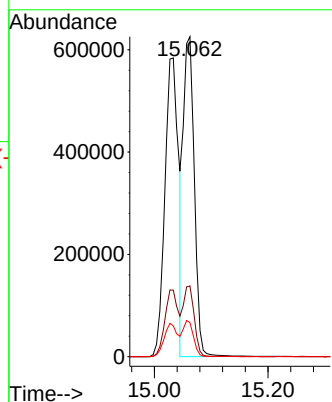
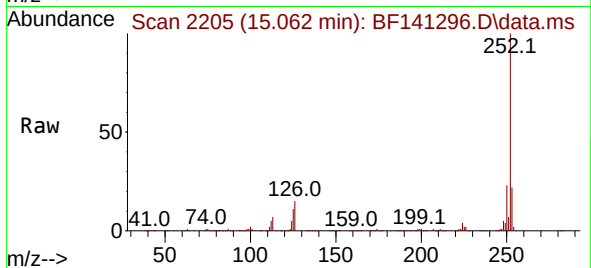
SSTDICC060

Tgt Ion:252 Resp: 84584
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.6 8.4 12.6

Manual Integrations

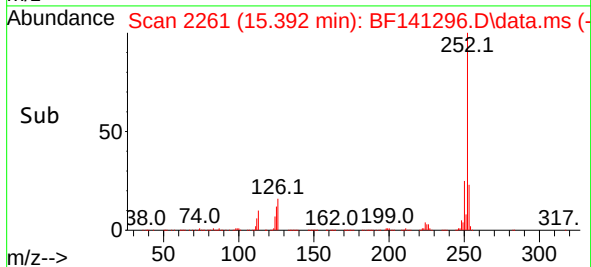
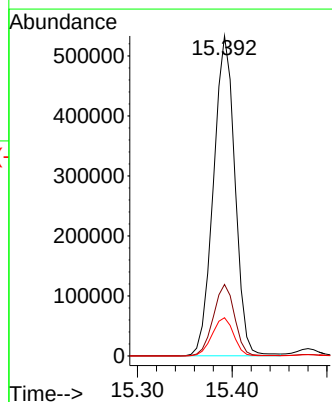
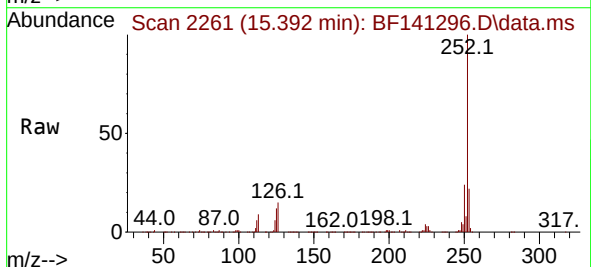
APPROVED

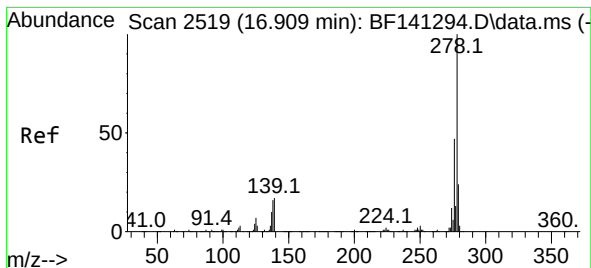
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 58.588 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 838283
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 62.119 ng

RT: 16.927 min Scan# 2519

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 854214

Ion Ratio Lower Upper

278 100

139 18.7 13.9 20.9

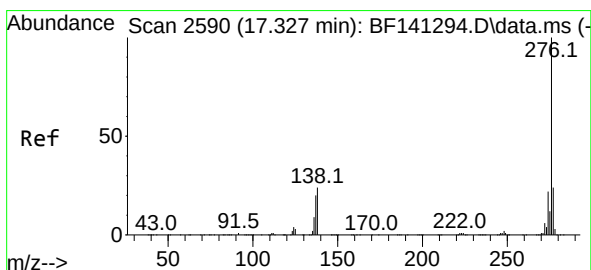
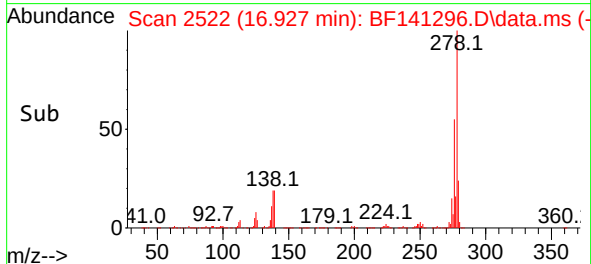
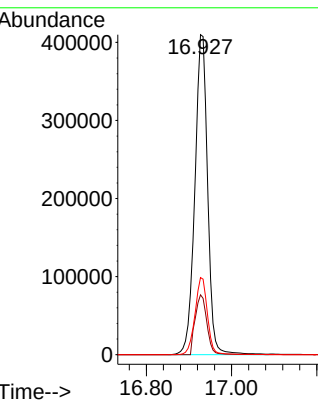
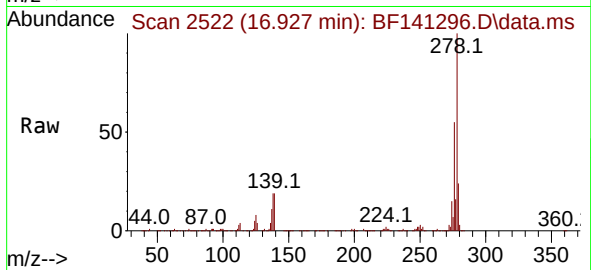
279 24.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#92

Benzo(g,h,i)perylene

Concen: 61.510 ng

RT: 17.351 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion:276 Resp: 881804

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.4 19.0 28.4

