

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141226.D
 Acq On : 20 Jan 2025 16:58
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025

Quant Time: Jan 20 17:26:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	179869	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	690448	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	373975	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	599666	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	324852	20.000	ng	-0.01
86) Perylene-d12	15.433	264	361185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	885278	76.032	ng	0.00
7) Phenol-d6	6.445	99	1128624	76.522	ng	0.00
23) Nitrobenzene-d5	7.381	82	1031110	79.162	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	351047	82.382	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1881019	76.807	ng	-0.01
79) Terphenyl-d14	12.922	244	1769223	80.948	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	189004	36.452	ng	97
3) Pyridine	3.252	79	456738	35.921	ng	96
4) n-Nitrosodimethylamine	3.204	42	229481	36.911	ng	98
6) Aniline	6.475	93	434854	33.209	ng	# 82
8) 2-Chlorophenol	6.598	128	486067	38.910	ng	99
9) Benzaldehyde	6.363	77	423014	48.697	ng	98
10) Phenol	6.463	94	596283	37.768	ng	89
11) bis(2-Chloroethyl)ether	6.551	93	458466	38.965	ng	97
12) 1,3-Dichlorobenzene	6.751	146	542781	38.958	ng	99
13) 1,4-Dichlorobenzene	6.834	146	553857	39.449	ng	100
14) 1,2-Dichlorobenzene	6.987	146	511297	39.041	ng	98
15) Benzyl Alcohol	6.957	79	416409	39.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	595626	36.277	ng	96
17) 2-Methylphenol	7.069	107	390478	38.717	ng	99
18) Hexachloroethane	7.328	117	202959	39.974	ng	96
19) n-Nitroso-di-n-propyla...	7.228	70	328165	37.772	ng	98
20) 3+4-Methylphenols	7.222	107	478810	37.631	ng	# 81
22) Acetophenone	7.222	105	632710	38.548	ng	# 94
24) Nitrobenzene	7.398	77	530659	39.091	ng	99
25) Isophorone	7.634	82	873539	39.243	ng	99
26) 2-Nitrophenol	7.710	139	264347	42.808	ng	98
27) 2,4-Dimethylphenol	7.751	122	324703m	38.983	ng	
28) bis(2-Chloroethoxy)met...	7.845	93	558706	39.994	ng	99
29) 2,4-Dichlorophenol	7.951	162	408357	41.280	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	454846	40.225	ng	100
31) Naphthalene	8.122	128	1433429	39.368	ng	100
32) Benzoic acid	7.869	122	351844	44.035	ng	97
33) 4-Chloroaniline	8.169	127	427968	33.986	ng	99
34) Hexachlorobutadiene	8.234	225	279699	41.051	ng	99
35) Caprolactam	8.539	113	126775m	39.144	ng	
36) 4-Chloro-3-methylphenol	8.645	107	431130	39.850	ng	99
37) 2-Methylnaphthalene	8.804	142	919216	39.617	ng	99
38) 1-Methylnaphthalene	8.904	142	895599	39.166	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	422785	39.388	ng	99
41) Hexachlorocyclopentadiene	8.957	237	145116	41.323	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	290635	40.147	ng	99

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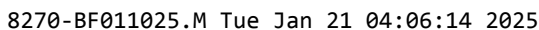
Quant Time: Jan 20 17:26:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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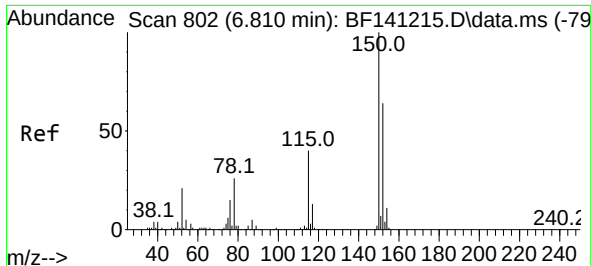
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	307586	40.231	ng	98
46) 1,1'-Biphenyl	9.269	154	1116612	38.447	ng	100
47) 2-Chloronaphthalene	9.298	162	872286	38.561	ng	99
48) 2-Nitroaniline	9.392	65	257010	38.328	ng	98
49) Acenaphthylene	9.710	152	1234547	38.200	ng	99
50) Dimethylphthalate	9.575	163	975349	38.849	ng	100
51) 2,6-Dinitrotoluene	9.633	165	232680	39.853	ng	99
52) Acenaphthene	9.881	154	880373	38.990	ng	100
53) 3-Nitroaniline	9.798	138	222710	37.537	ng	98
54) 2,4-Dinitrophenol	9.904	184	125075	45.070	ng	93
55) Dibenzofuran	10.057	168	1174545	38.244	ng	99
56) 4-Nitrophenol	9.957	139	172418	37.107	ng	97
57) 2,4-Dinitrotoluene	10.033	165	304507	40.471	ng	99
58) Fluorene	10.398	166	911591	38.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	247744	38.983	ng	100
60) Diethylphthalate	10.269	149	949655	38.745	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	462094	39.736	ng	99
62) 4-Nitroaniline	10.410	138	219093	37.729	ng	97
63) Azobenzene	10.551	77	907541	37.525	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	169564	48.797	ng	95
66) n-Nitrosodiphenylamine	10.510	169	788748	40.779	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	292327	42.342	ng	99
68) Hexachlorobenzene	10.945	284	328024	42.682	ng	98
69) Atrazine	11.033	200	237477	45.599	ng	100
70) Pentachlorophenol	11.139	266	210825	42.835	ng	99
71) Phenanthrene	11.357	178	1293007	40.163	ng	100
72) Anthracene	11.410	178	1257400	40.167	ng	100
73) Carbazole	11.563	167	1124089	39.162	ng	100
74) Di-n-butylphthalate	11.898	149	1372194	41.773	ng	99
75) Fluoranthene	12.545	202	1270545	39.548	ng	99
77) Benzidine	12.669	184	205920	34.182	ng	99
78) Pyrene	12.774	202	1241696	40.019	ng	100
80) Butylbenzylphthalate	13.398	149	432936	41.851	ng	97
81) Benzo(a)anthracene	13.963	228	837402	37.878	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	277856	39.470	ng	97
83) Chrysene	13.998	228	801142	38.728	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	510246	41.108	ng	100
85) Di-n-octyl phthalate	14.580	149	790044	42.150	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1050995	39.718	ng	98
88) Benzo(b)fluoranthene	15.015	252	855613	36.737	ng	99
89) Benzo(k)fluoranthene	15.045	252	764346	38.834	ng	100
90) Benzo(a)pyrene	15.374	252	751340	39.100	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	858665	40.120	ng	98
92) Benzo(g,h,i)perylene	17.327	276	888516	39.913	ng	98

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

Manual Integrations

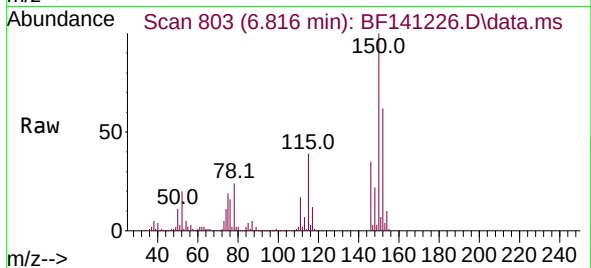
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141226.D
 Acq: 20 Jan 2025 16:58

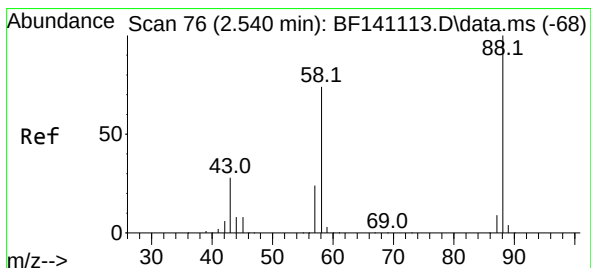
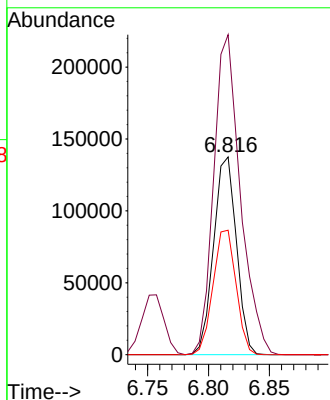
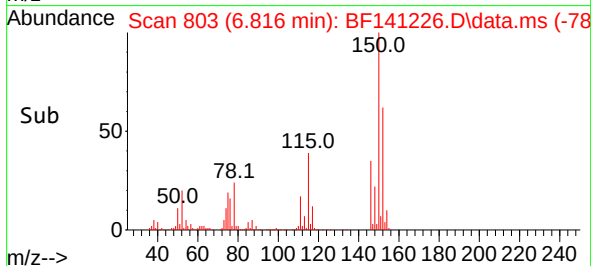
Instrument :
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 SSTDCCC040EC



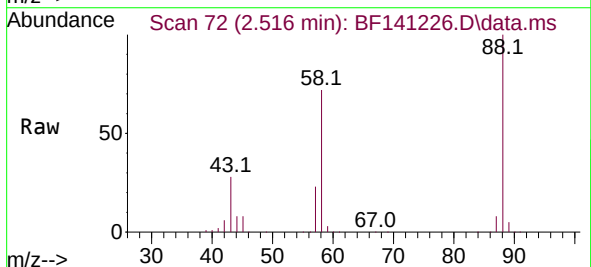
Tgt Ion:152 Resp: 179869
 Ion Ratio Lower Upper
 152 100
 150 161.9 125.8 188.8
 115 63.0 51.4 77.2

Manual Integrations
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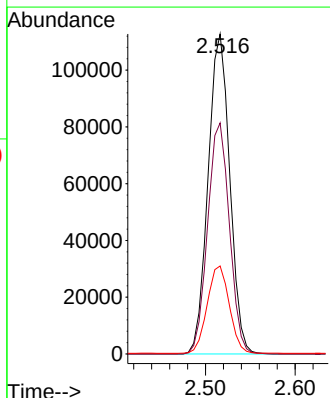
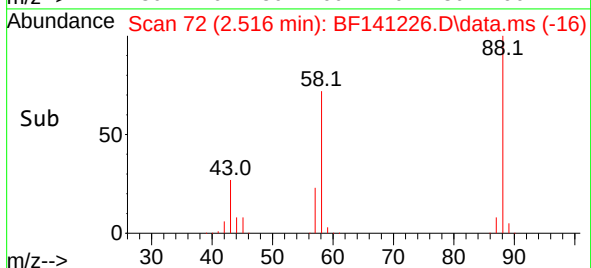
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025

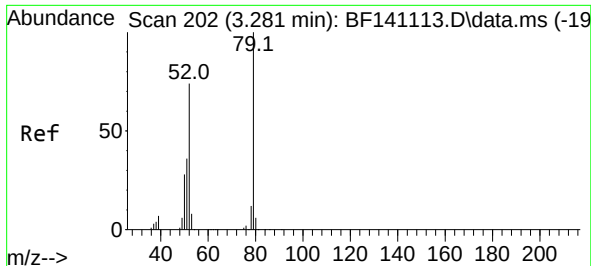


#2
 1,4-Dioxane
 Concen: 36.452 ng
 RT: 2.516 min Scan# 72
 Delta R.T. -0.024 min
 Lab File: BF141226.D
 Acq: 20 Jan 2025 16:58



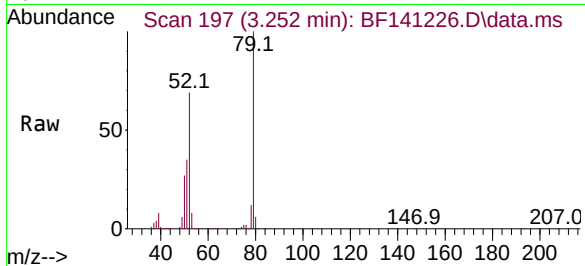
Tgt Ion: 88 Resp: 189004
 Ion Ratio Lower Upper
 88 100
 58 72.7 60.1 90.1
 43 27.9 23.1 34.7





#3
Pyridine
Concen: 35.921 ng
RT: 3.252 min Scan# 189
Delta R.T. -0.029 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

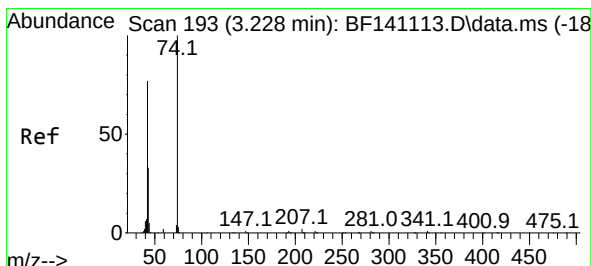
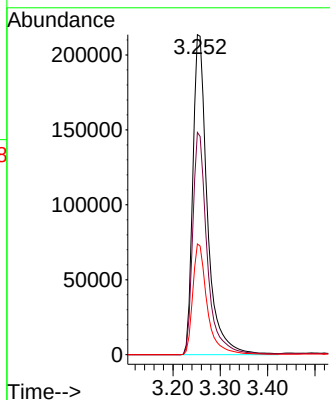
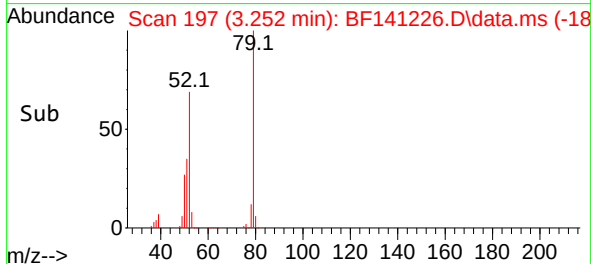
Instrument :
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ClientSampleId :
SSTDCCC040EC



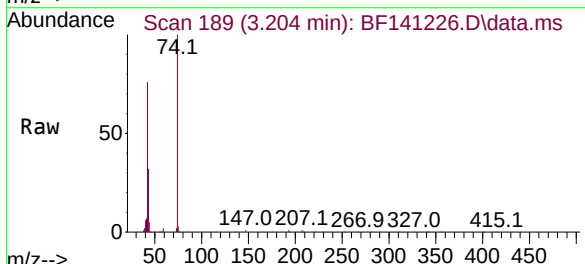
Tgt Ion: 79 Resp: 456738
Ion Ratio Lower Upper
79 100
52 69.5 58.9 88.3
51 34.6 29.1 43.7

Manual Integrations
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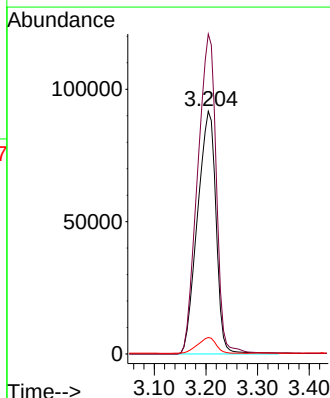
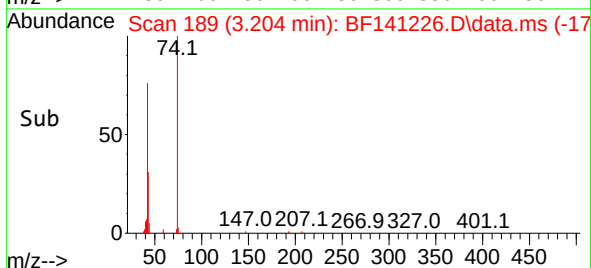
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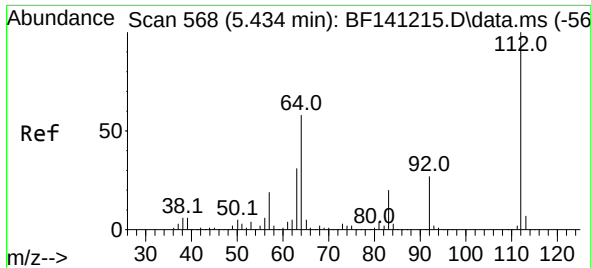


#4
n-Nitrosodimethylamine
Concen: 36.911 ng
RT: 3.204 min Scan# 189
Delta R.T. -0.024 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion: 42 Resp: 229481
Ion Ratio Lower Upper
42 100
74 131.9 103.8 155.6
44 6.8 5.3 7.9





#5
2-Fluorophenol
Concen: 76.032 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

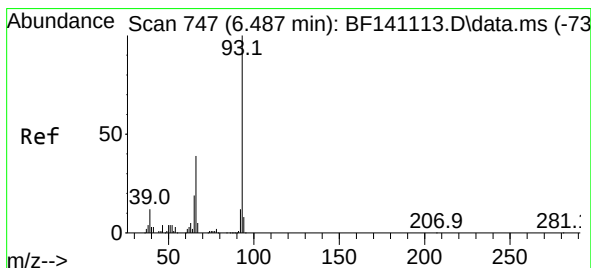
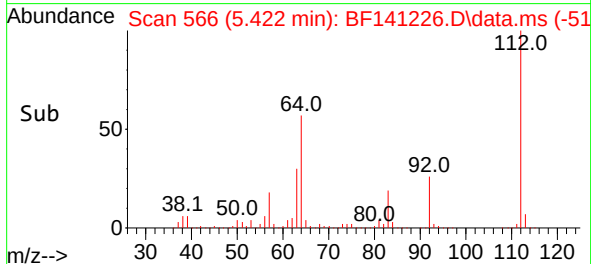
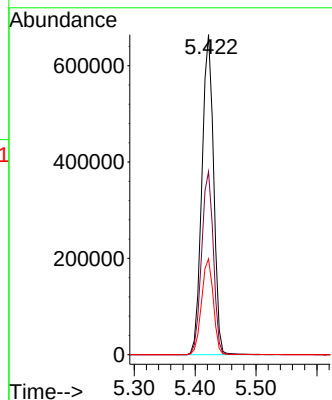
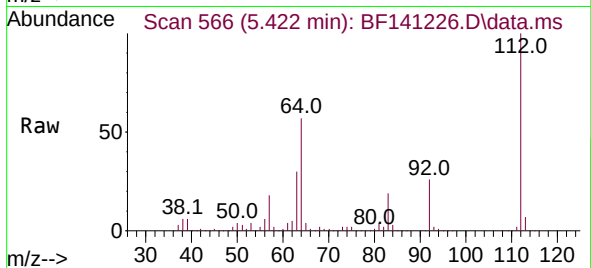
SSTDCCC040EC

Tgt Ion:112 Resp: 885278
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 29.9 24.2 36.2

Manual Integrations

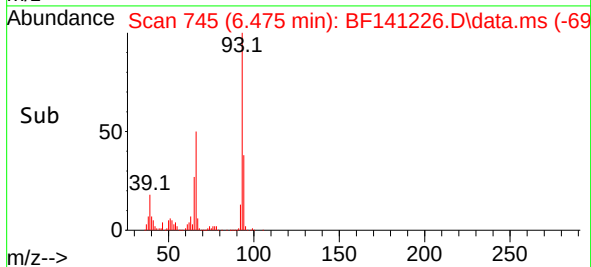
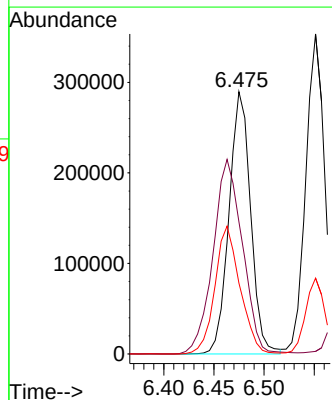
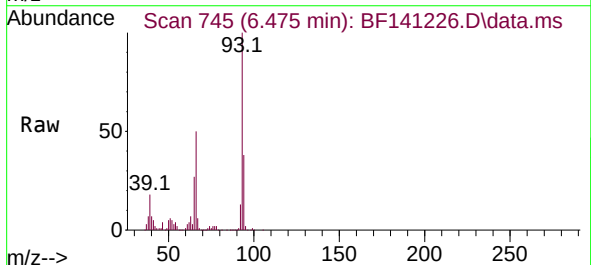
APPROVED

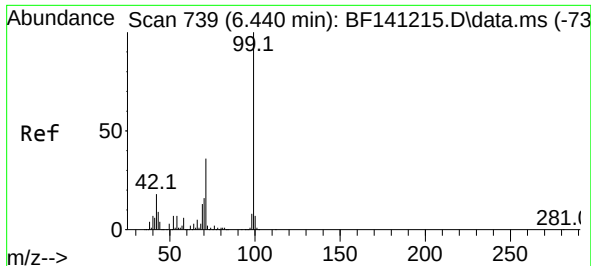
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#6
Aniline
Concen: 33.209 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

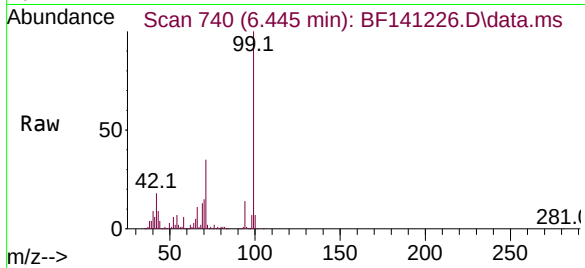
Tgt Ion: 93 Resp: 434854
Ion Ratio Lower Upper
93 100
66 50.4 31.5 47.3#
65 27.0 15.3 22.9#





#7
Phenol-d6
Concen: 76.522 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

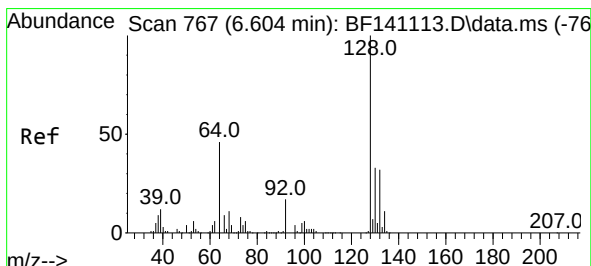
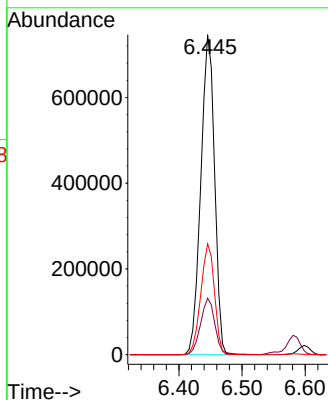
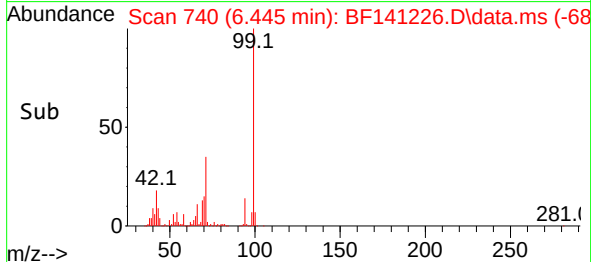
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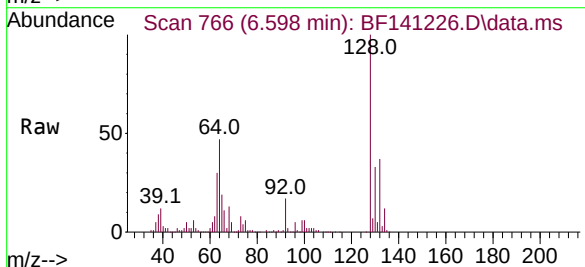
Tgt Ion: 99 Resp: 1128624
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 34.7 27.6 41.4

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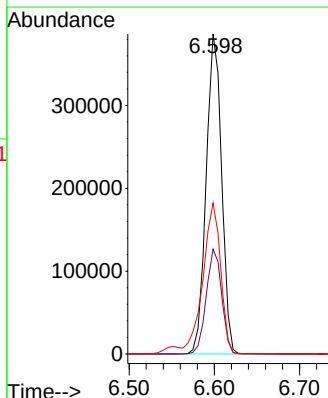
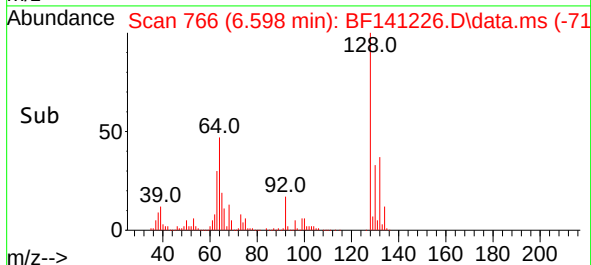
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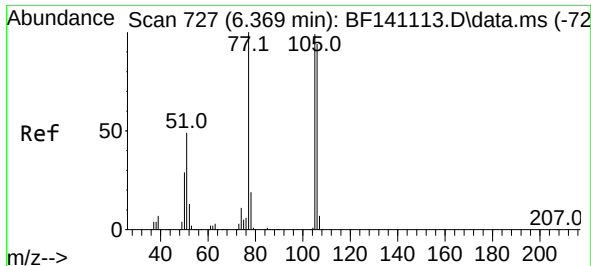


#8
2-Chlorophenol
Concen: 38.910 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



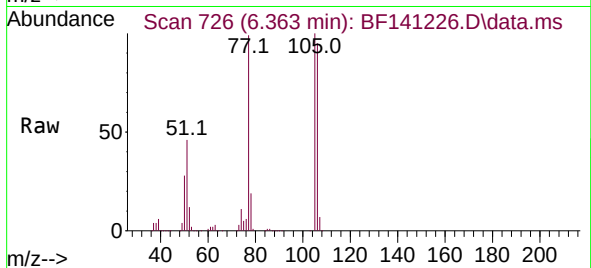
Tgt Ion:128 Resp: 486067
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 47.1 28.3 68.3





#9
Benzaldehyde
Concen: 48.697 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

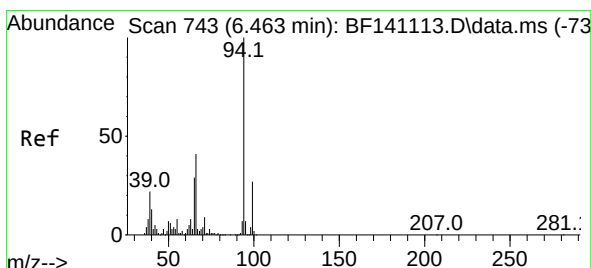
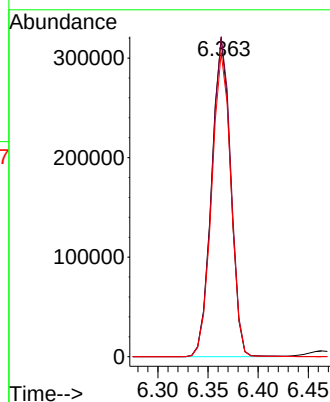
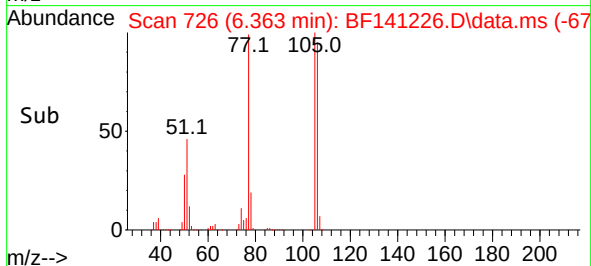
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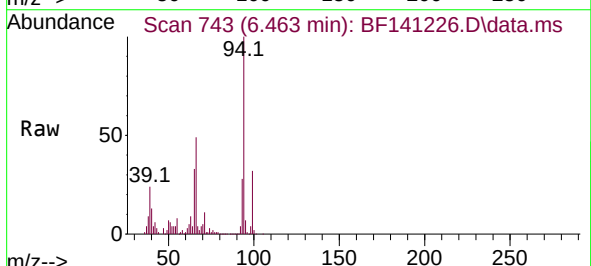
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Ion Ratio Lower Upper
77 100
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106 95.5 73.6 113.6

Manual Integrations
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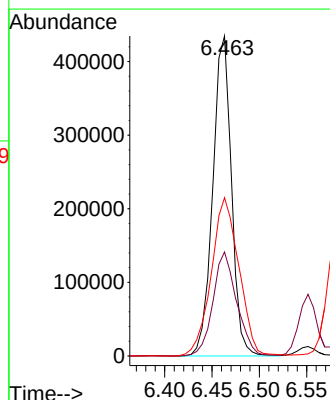
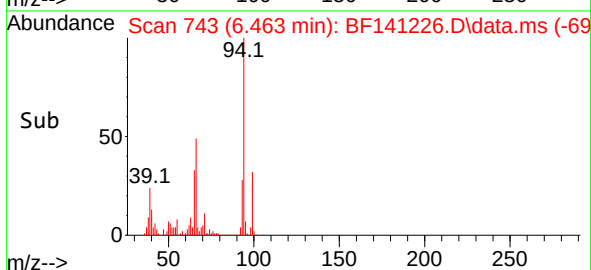
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

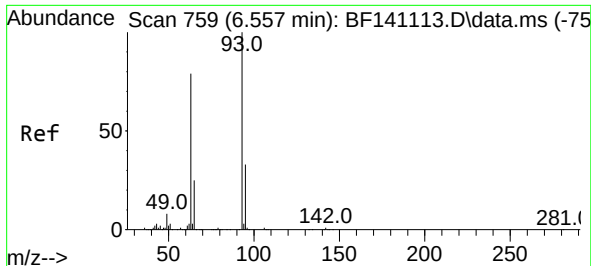


#10
Phenol
Concen: 37.768 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion: 94 Resp: 596283
Ion Ratio Lower Upper
94 100
65 32.5 8.9 48.9
66 49.4 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 38.965 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141226.D

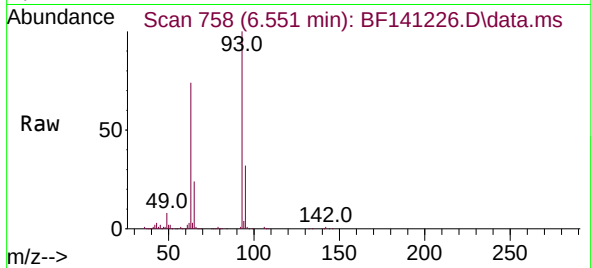
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 93 Resp: 45846

Ion Ratio Lower Upper

93 100

63 74.0 58.0 98.0

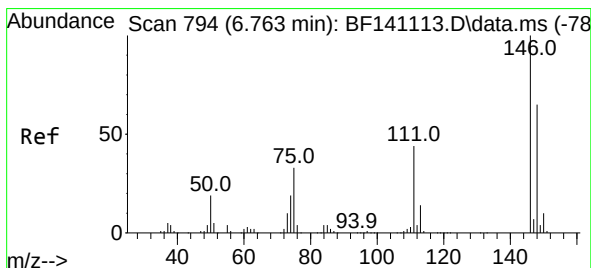
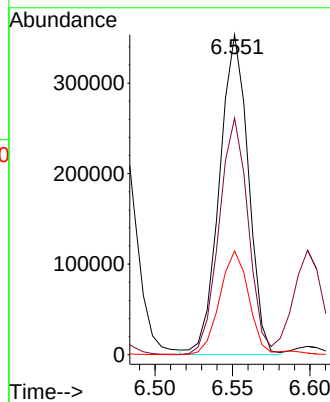
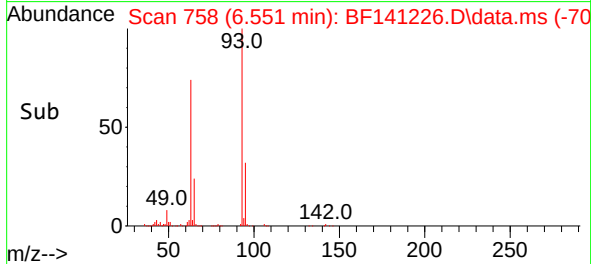
95 32.5 12.5 52.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#12

1,3-Dichlorobenzene

Concen: 38.958 ng

RT: 6.751 min Scan# 792

Delta R.T. -0.012 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

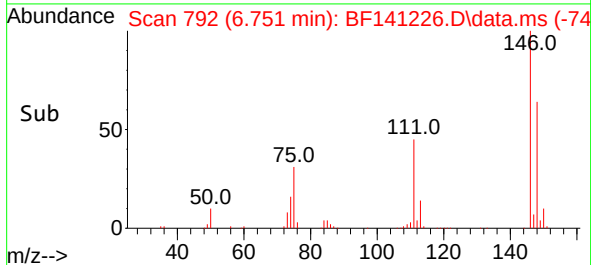
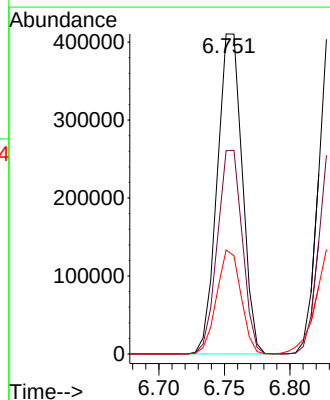
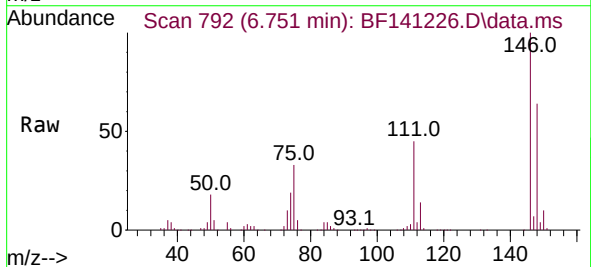
Tgt Ion:146 Resp: 542781

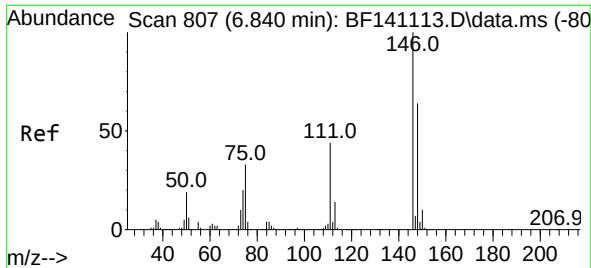
Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

75 32.5 26.2 39.2





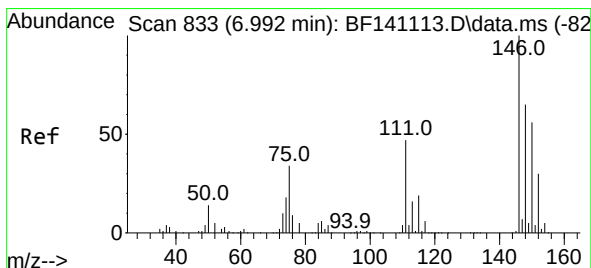
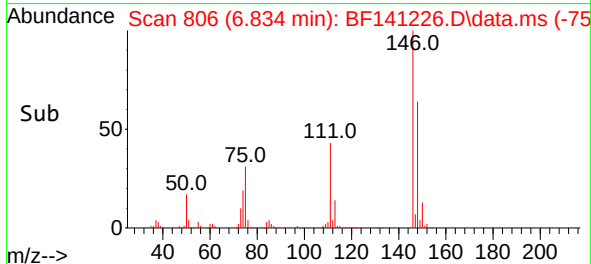
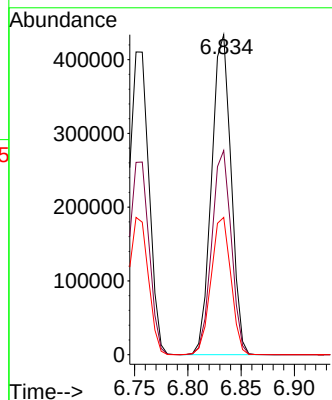
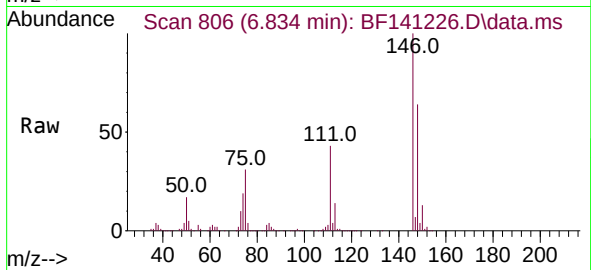
#13
1,4-Dichlorobenzene
Concen: 39.449 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 55385
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 42.9 34.9 52.3

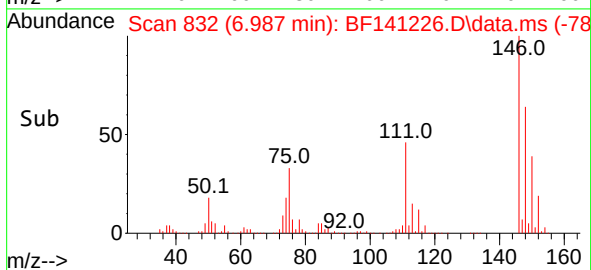
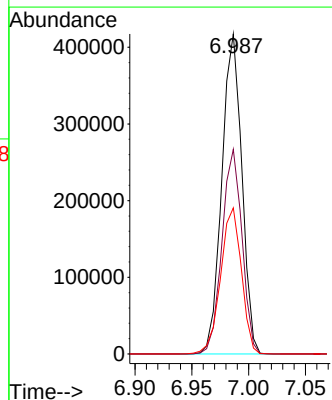
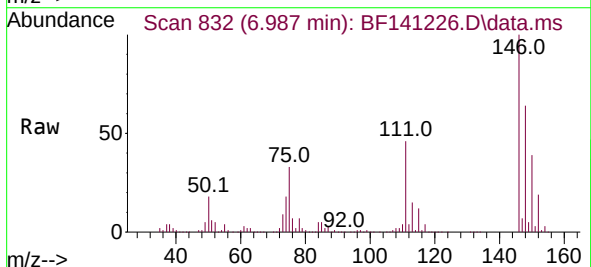
Manual Integrations
APPROVED

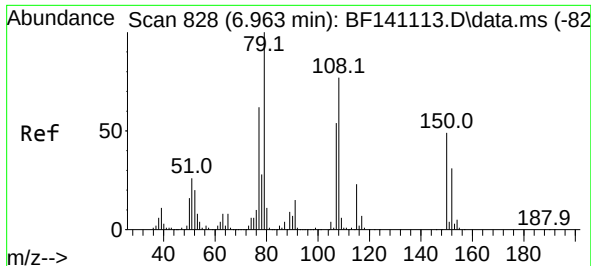
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#14
1,2-Dichlorobenzene
Concen: 39.041 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

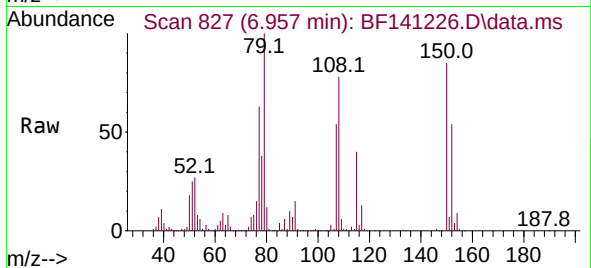
Tgt Ion:146 Resp: 511297
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.4
111 45.6 37.5 56.3





#15
Benzyl Alcohol
Concen: 39.095 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

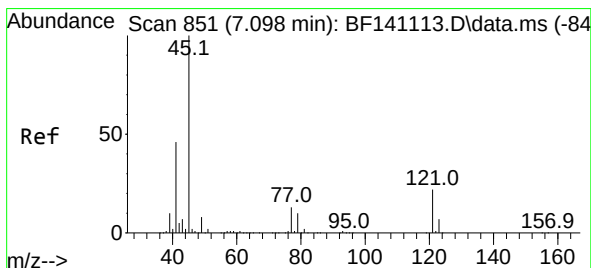
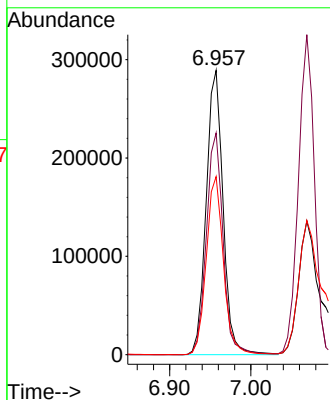
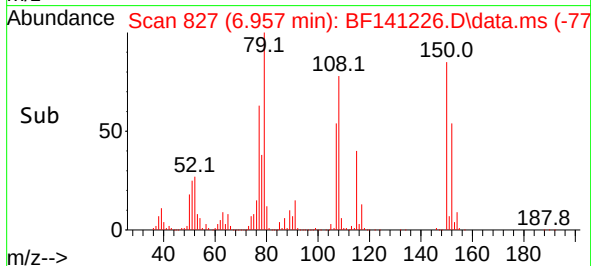
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



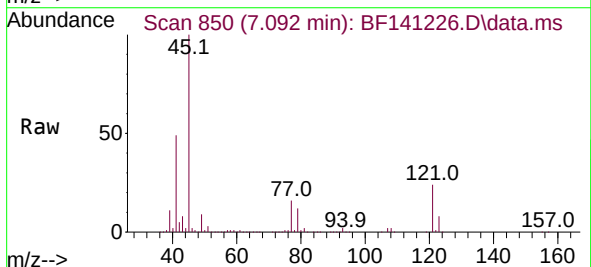
Tgt Ion: 79 Resp: 416409
Ion Ratio Lower Upper
79 100
108 78.0 61.4 92.0
77 62.6 49.8 74.6

Manual Integrations
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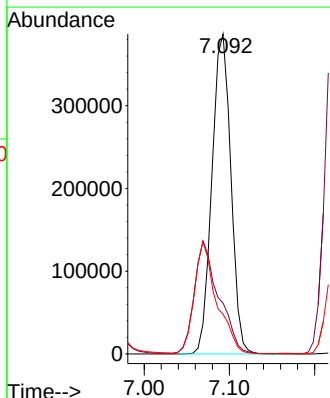
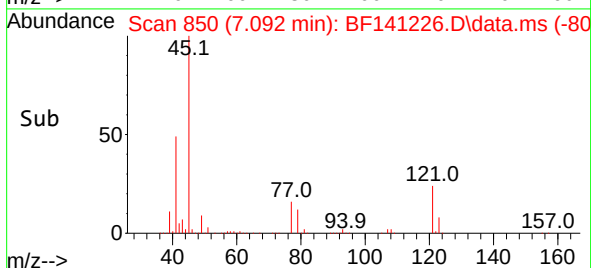
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

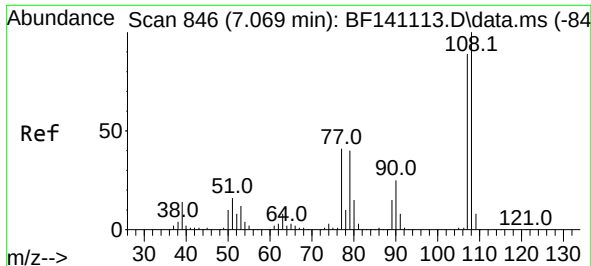


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.277 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion: 45 Resp: 595626
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.1
79 12.4 0.0 31.0





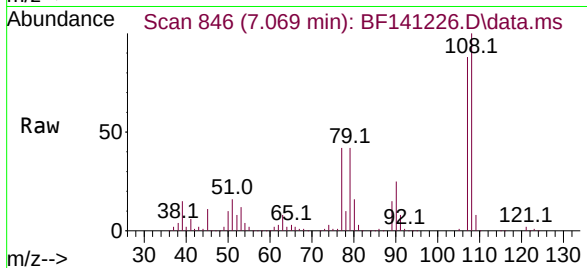
#17
2-Methylphenol
Concen: 38.717 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

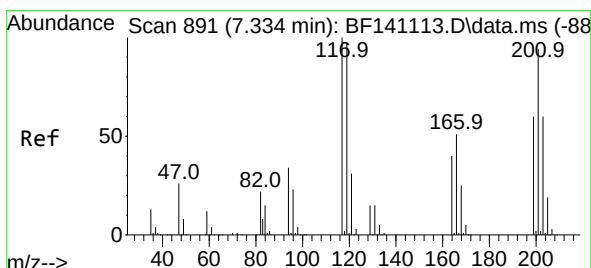
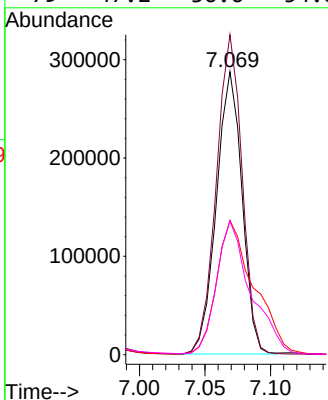
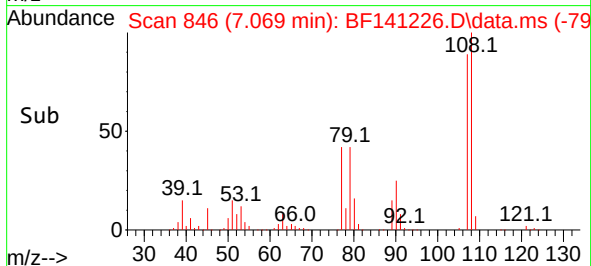


Tgt Ion:107 Resp: 390478
Ion Ratio Lower Upper
107 100
108 113.1 90.1 135.1
77 47.4 36.6 55.0
79 47.2 36.6 54.8

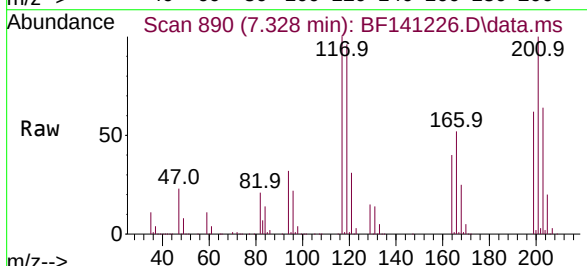
Manual Integrations

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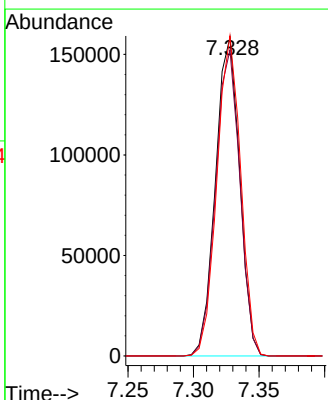
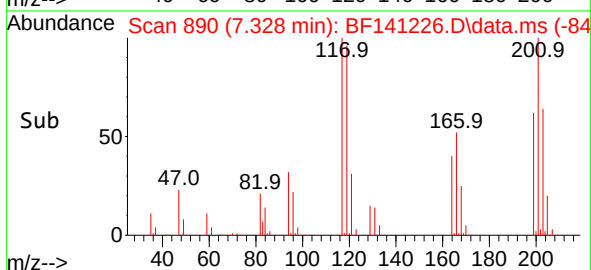
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

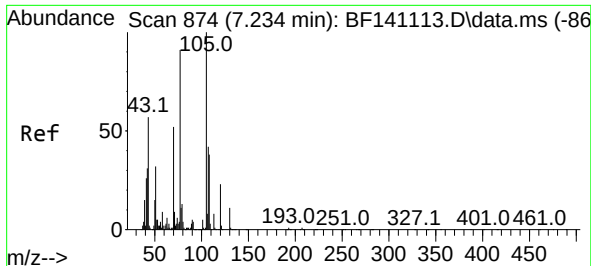


#18
Hexachloroethane
Concen: 39.974 ng
RT: 7.328 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



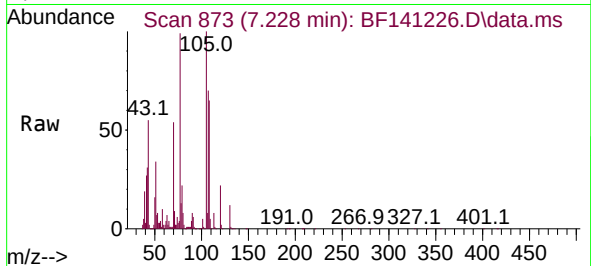
Tgt Ion:117 Resp: 202959
Ion Ratio Lower Upper
117 100
119 96.0 77.6 116.4
201 100.4 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.772 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

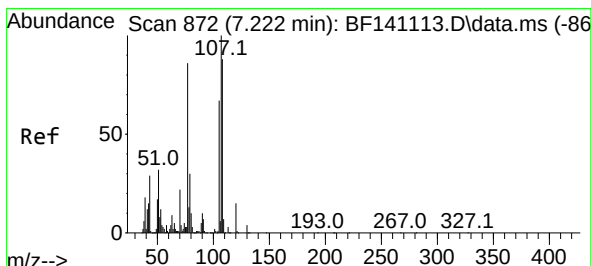
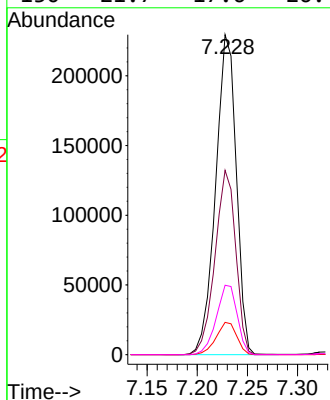
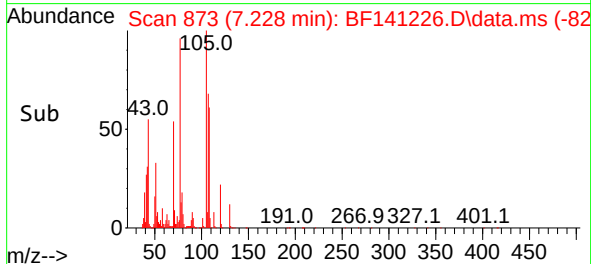
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



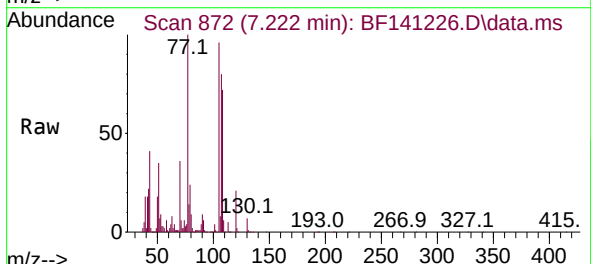
Tgt Ion: 70 Resp: 32816
Ion Ratio Lower Upper
70 100
42 57.6 47.8 71.6
101 10.1 7.9 11.9
130 21.7 17.6 26.4

Manual Integrations
APPROVED

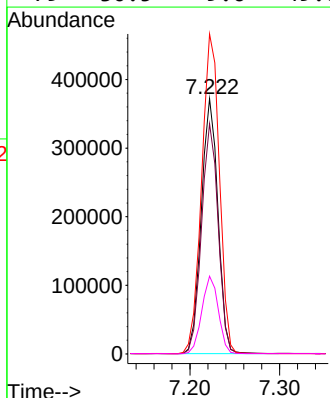
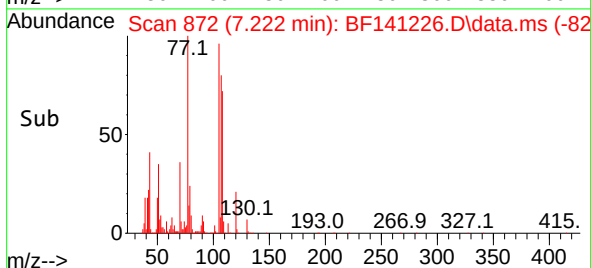
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

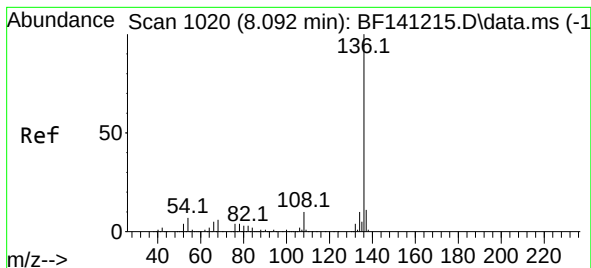


#20
3+4-Methylphenols
Concen: 37.631 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion:107 Resp: 478810
Ion Ratio Lower Upper
107 100
108 90.2 68.3 108.3
77 125.3 66.4 106.4#
79 30.5 9.6 49.6





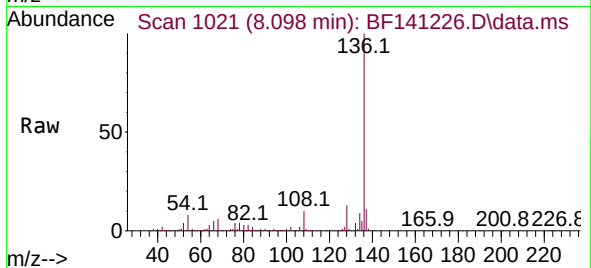
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

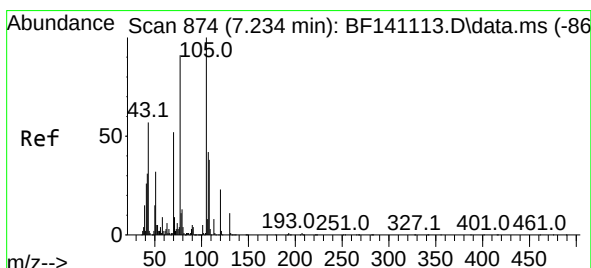
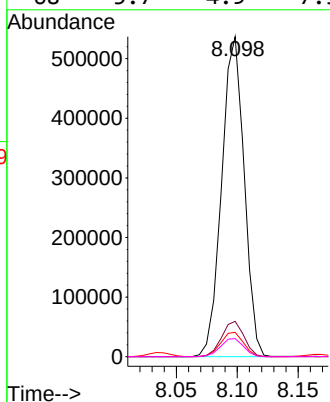
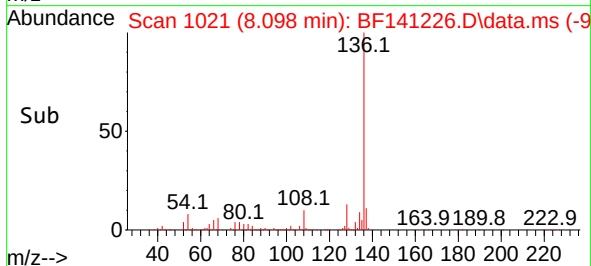


Tgt Ion:136 Resp: 690448
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.3 9.5
68 5.7 4.9 7.3

Manual Integrations

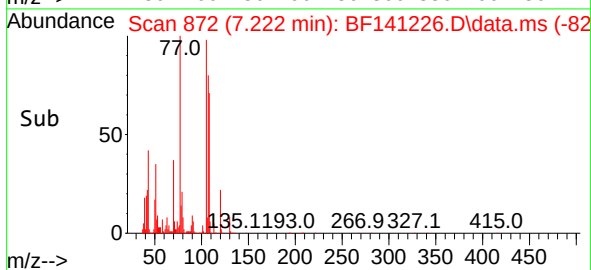
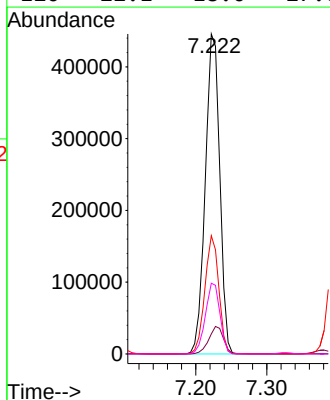
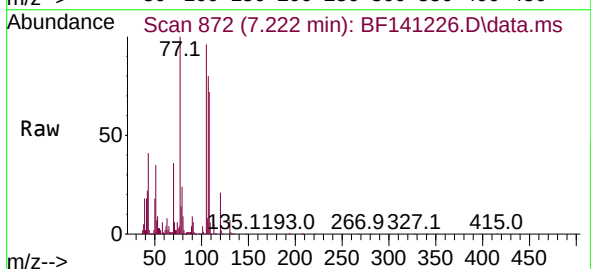
APPROVED

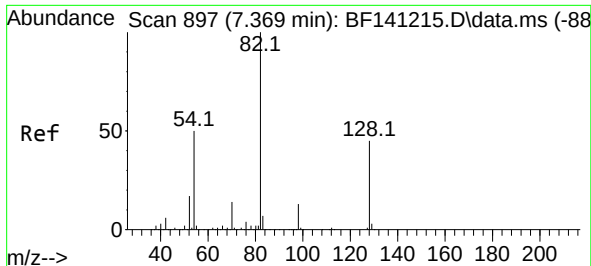
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#22
Acetophenone
Concen: 38.548 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:105 Resp: 632710
Ion Ratio Lower Upper
105 100
71 6.2 7.1 10.7#
51 36.9 25.4 38.2
120 22.1 18.0 27.0





#23

Nitrobenzene-d5

Concen: 79.162 ng

RT: 7.381 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1031110

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

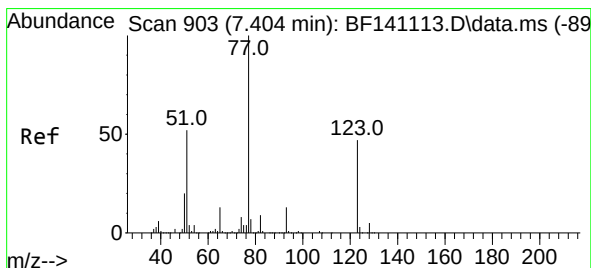
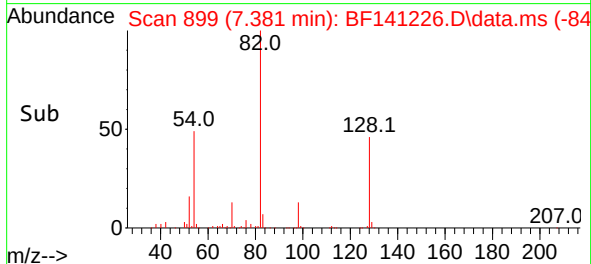
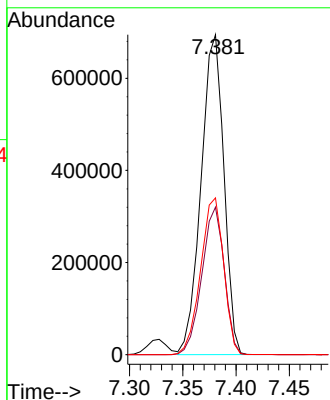
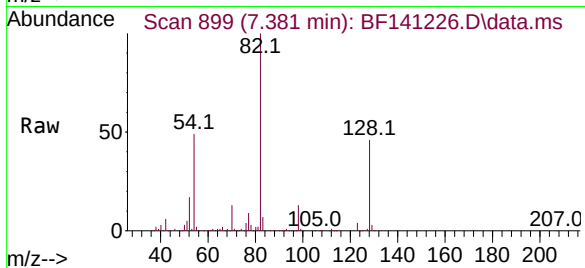
54 49.0 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#24

Nitrobenzene

Concen: 39.091 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

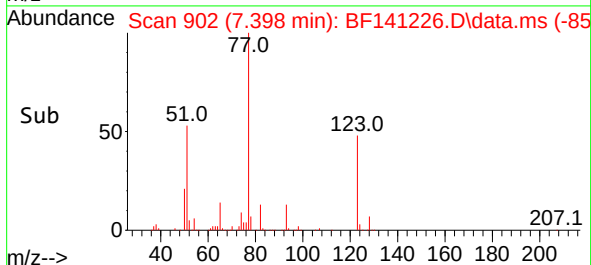
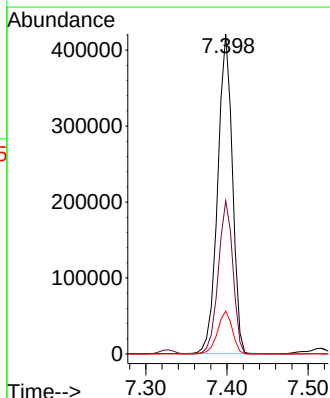
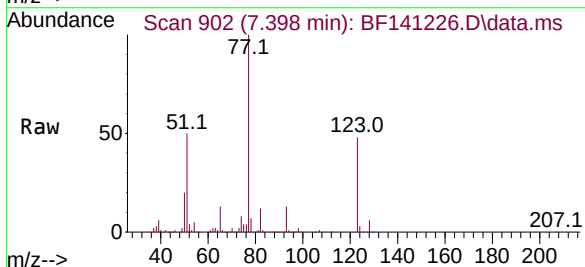
Tgt Ion: 77 Resp: 530659

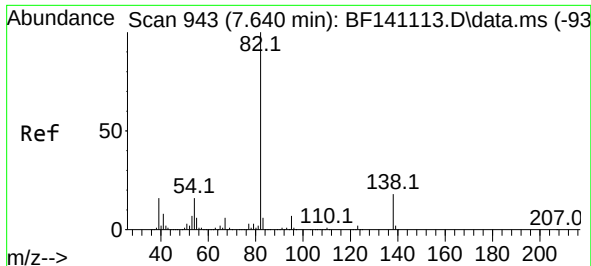
Ion Ratio Lower Upper

77 100

123 47.8 37.7 56.5

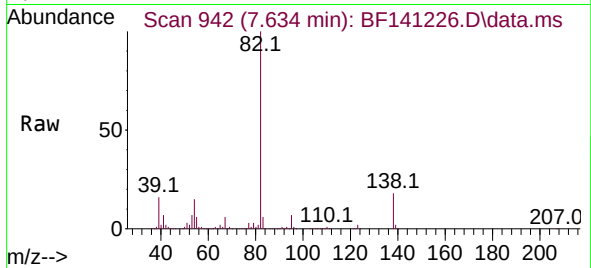
65 13.4 10.6 16.0





#25
Isophorone
Concen: 39.243 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

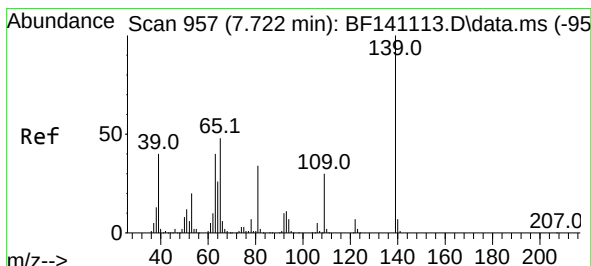
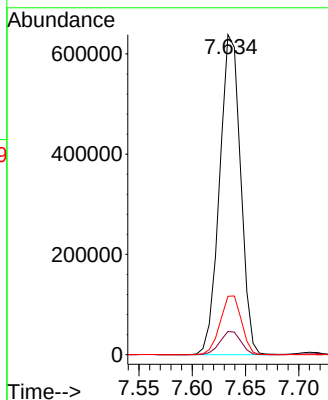
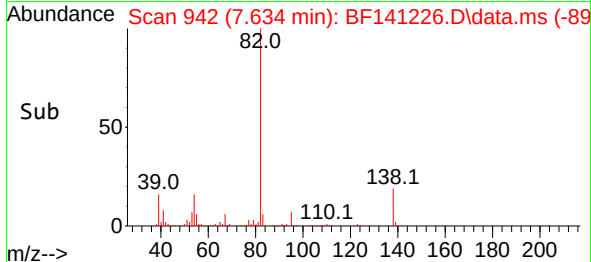
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 873539
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 18.3 14.2 21.2

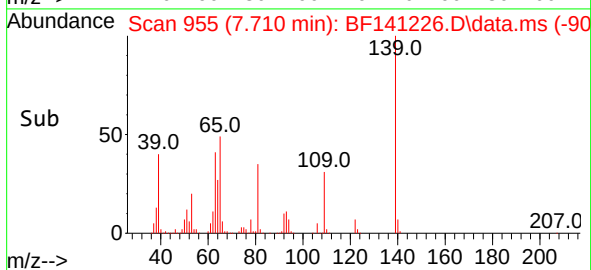
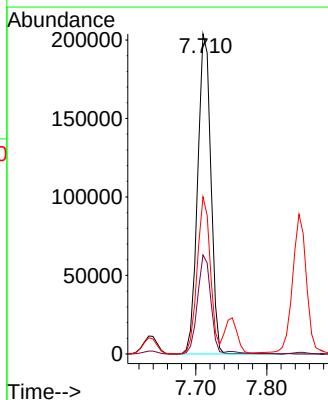
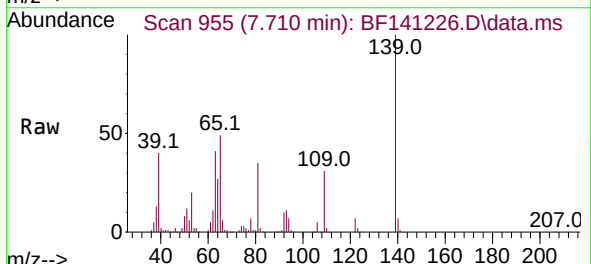
Manual Integrations
APPROVED

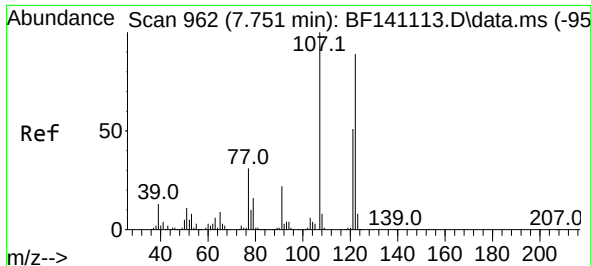
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#26
2-Nitrophenol
Concen: 42.808 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:139 Resp: 264347
Ion Ratio Lower Upper
139 100
109 30.9 23.8 35.6
65 49.1 38.5 57.7





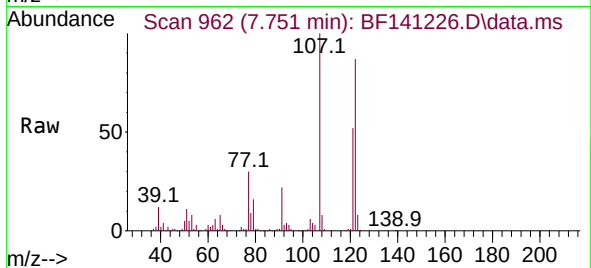
#27
2,4-Dimethylphenol
Concen: 38.983 ng m
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



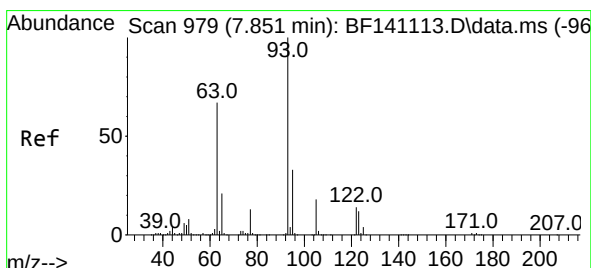
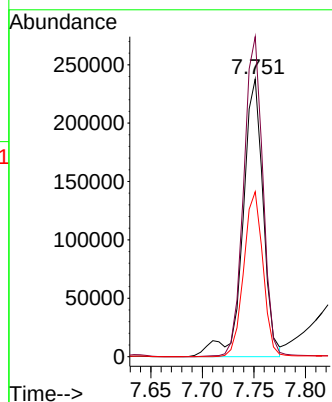
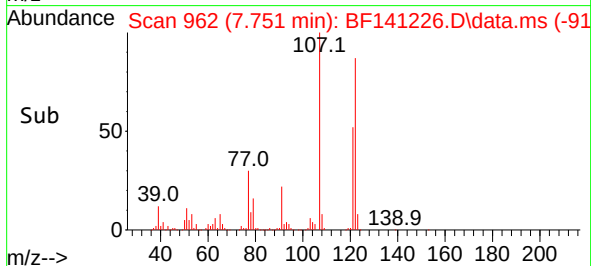
Tgt Ion:122 Resp: 32470
Ion Ratio Lower Upper
122 100
107 115.2 90.3 135.5
121 59.4 46.5 69.7

Manual Integrations

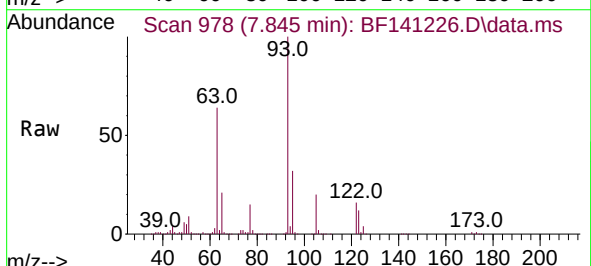
APPROVED

Reviewed By :Yogesh Patel 01/21/2025

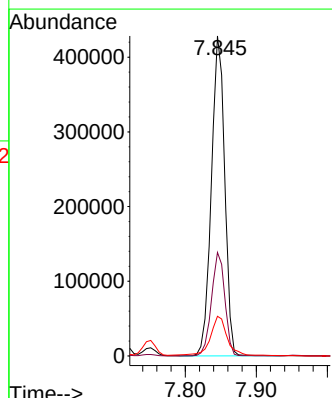
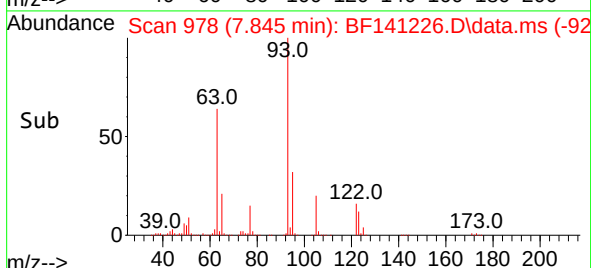
Supervised By :mohammad ahmed 01/21/2025

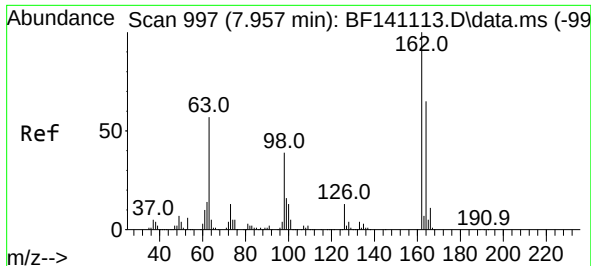


#28
bis(2-Chloroethoxy)methane
Concen: 39.994 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion: 93 Resp: 558706
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 12.4 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 41.280 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

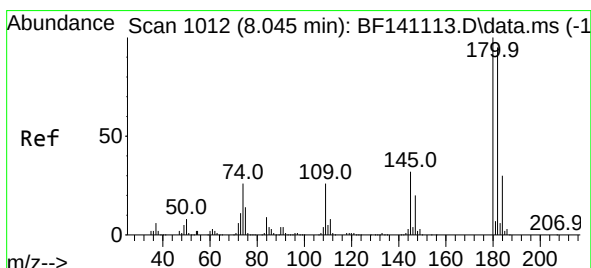
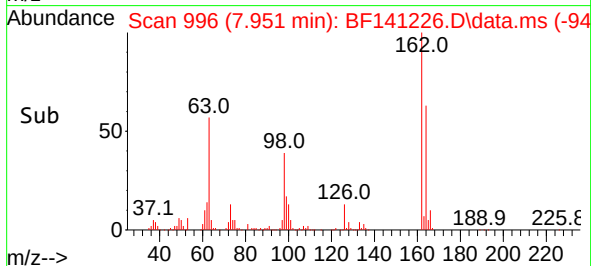
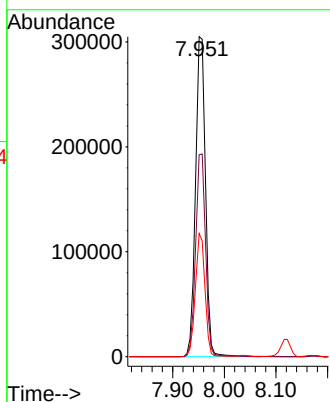
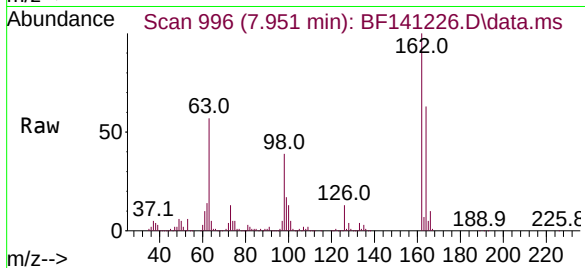
Tgt Ion:162	Resp: 40835
Ion Ratio	Lower Upper
162 100	
164 63.1	44.5 84.5
98 38.5	18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.225 ng

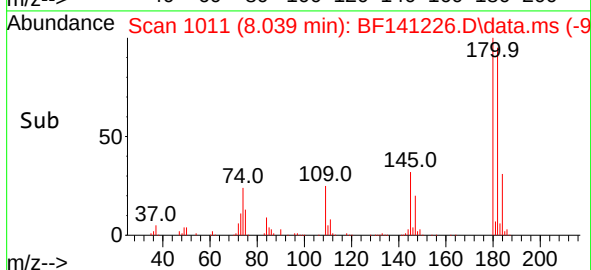
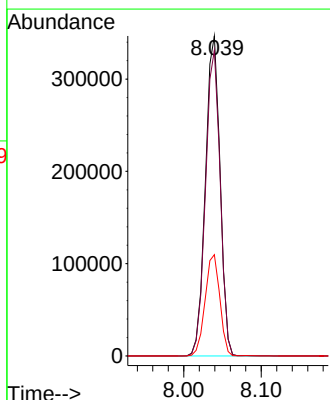
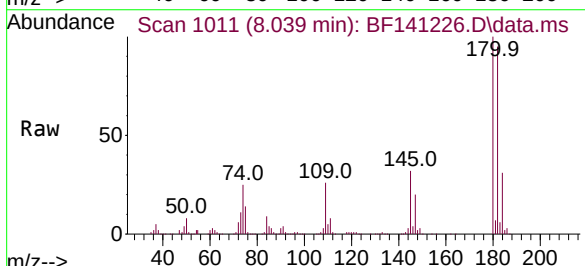
RT: 8.039 min Scan# 1011

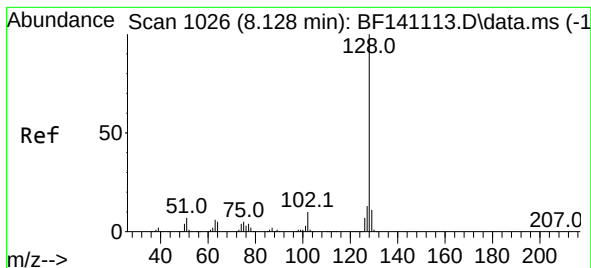
Delta R.T. -0.006 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Tgt Ion:180	Resp: 454846
Ion Ratio	Lower Upper
180 100	
182 95.5	76.2 114.2
145 31.6	25.3 37.9





#31

Naphthalene

Concen: 39.368 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 1433429

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

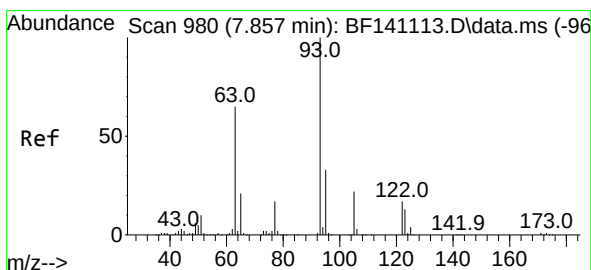
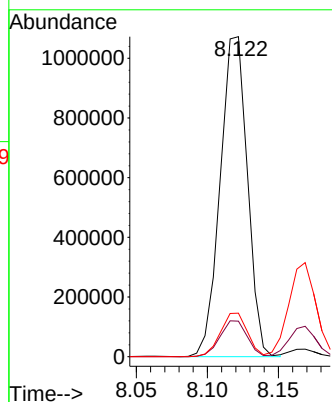
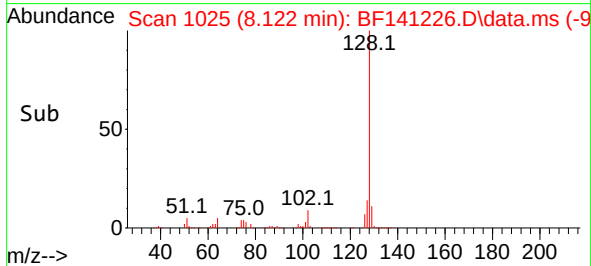
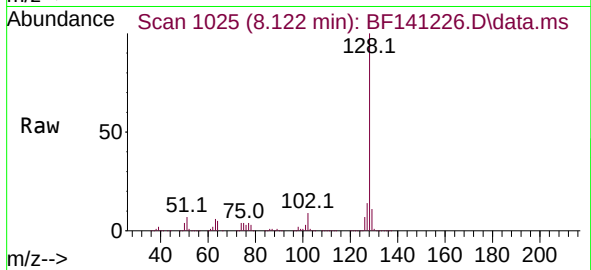
127 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#32

Benzoic acid

Concen: 44.035 ng

RT: 7.869 min Scan# 982

Delta R.T. 0.012 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

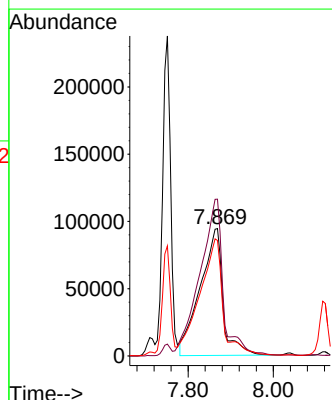
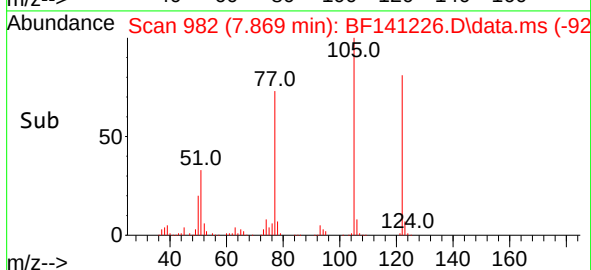
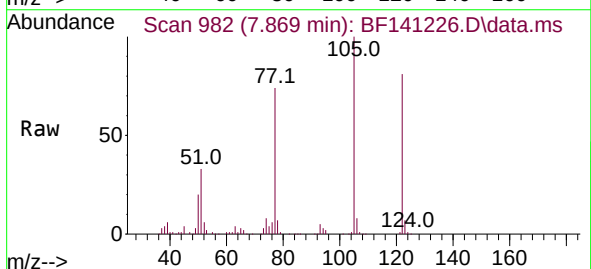
Tgt Ion:122 Resp: 351844

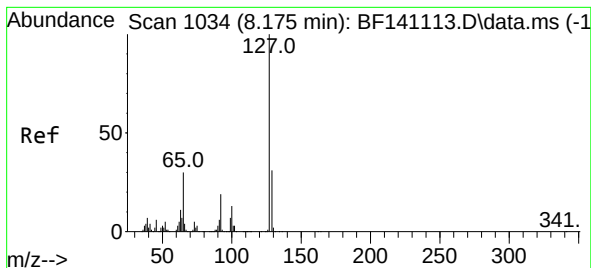
Ion Ratio Lower Upper

122 100

105 123.2 105.5 145.5

77 90.7 75.1 115.1





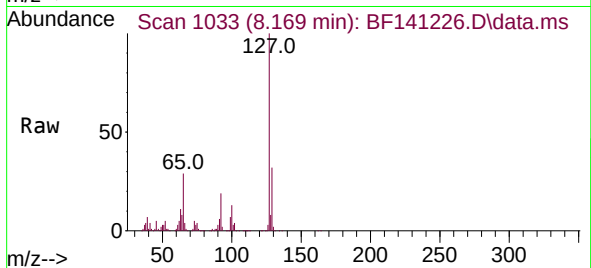
#33
4-Chloroaniline
Concen: 33.986 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

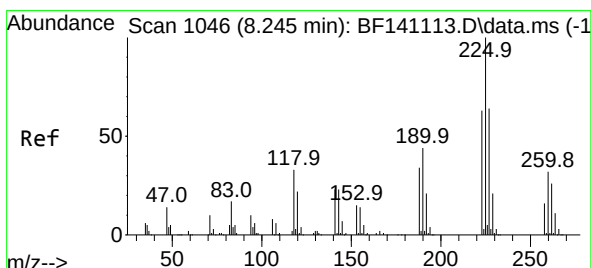
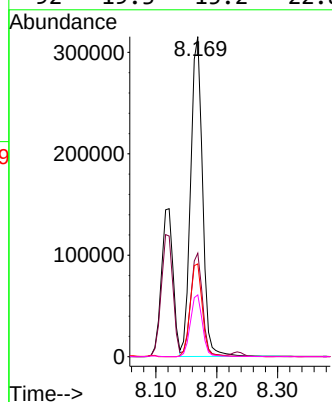
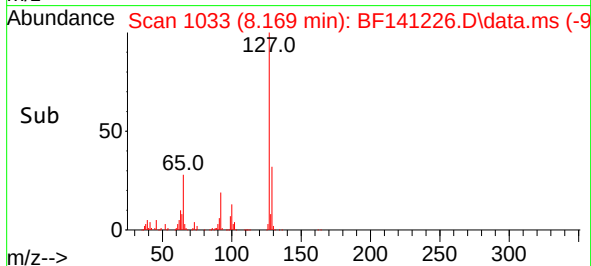


Tgt Ion:127 Resp: 427968
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 29.0 23.8 35.8
92 19.3 15.2 22.8

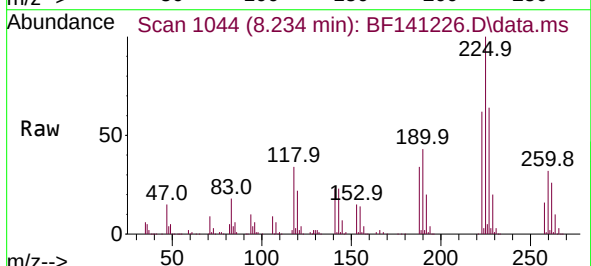
Manual Integrations

APPROVED

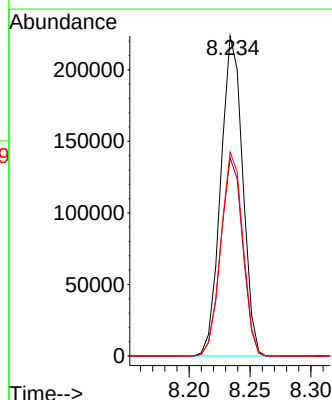
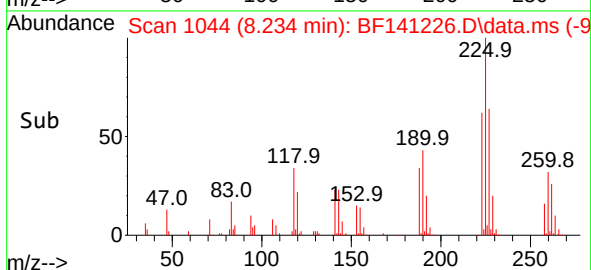
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

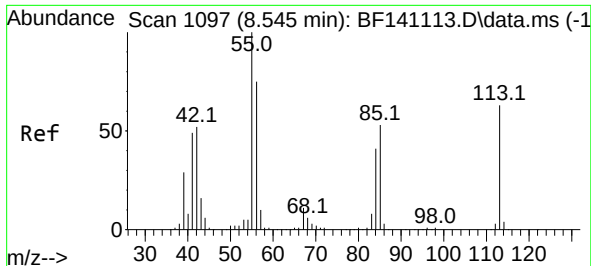


#34
Hexachlorobutadiene
Concen: 41.051 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



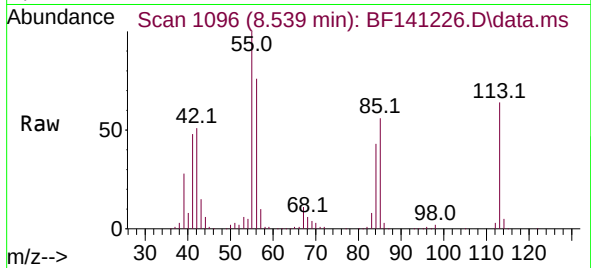
Tgt Ion:225 Resp: 279699
Ion Ratio Lower Upper
225 100
223 62.0 50.6 76.0
227 63.7 51.6 77.4





#35
Caprolactam
Concen: 39.144 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

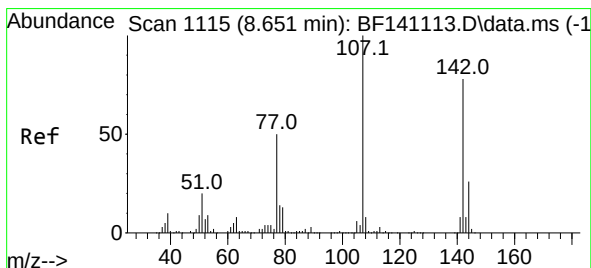
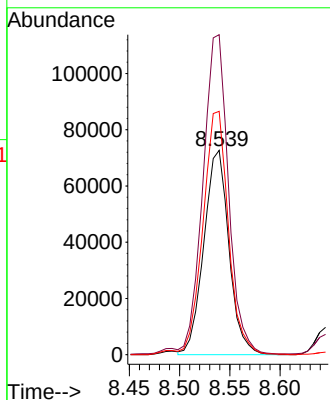
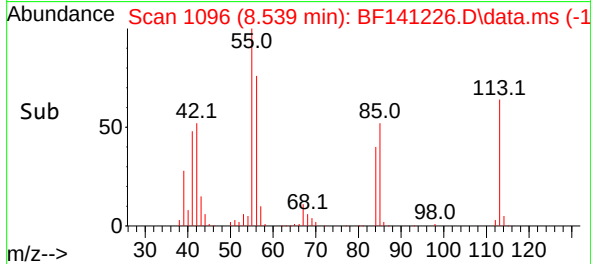
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 126775
Ion Ratio Lower Upper
113 100
55 156.7 139.7 179.7
56 119.1 99.4 139.4

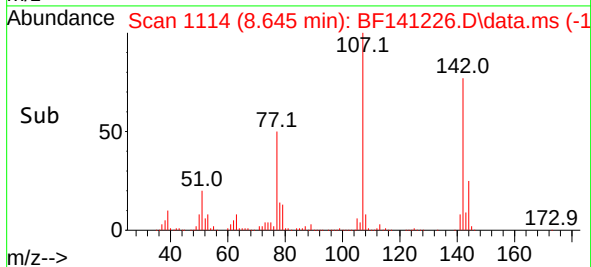
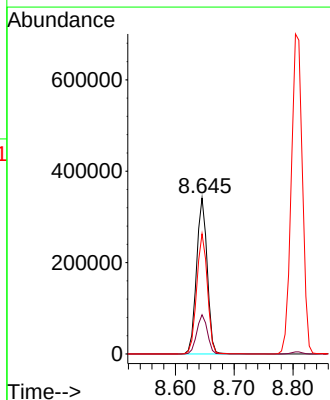
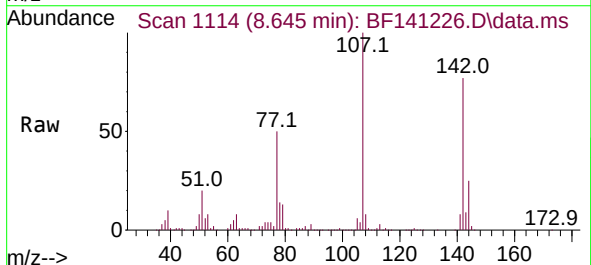
Manual Integrations
APPROVED

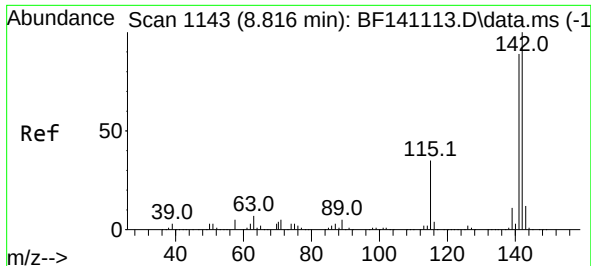
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#36
4-Chloro-3-methylphenol
Concen: 39.850 ng
RT: 8.645 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:107 Resp: 431130
Ion Ratio Lower Upper
107 100
144 25.1 20.4 30.6
142 77.0 62.2 93.2





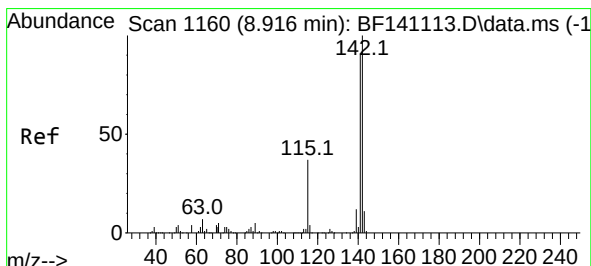
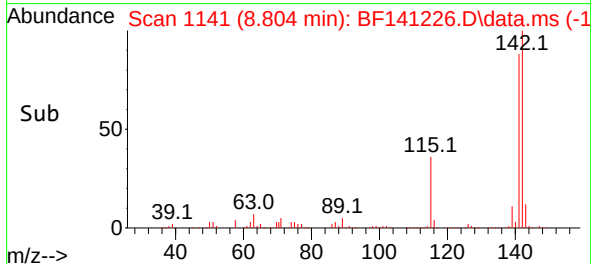
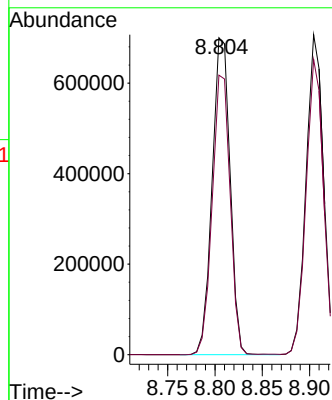
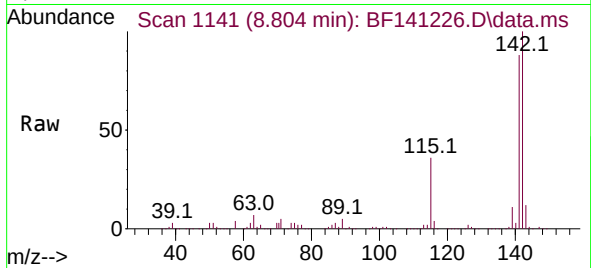
#37
2-Methylnaphthalene
Concen: 39.617 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 919210
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9

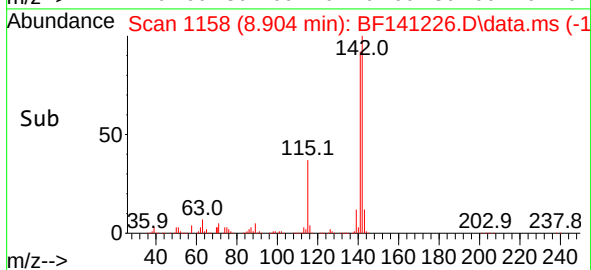
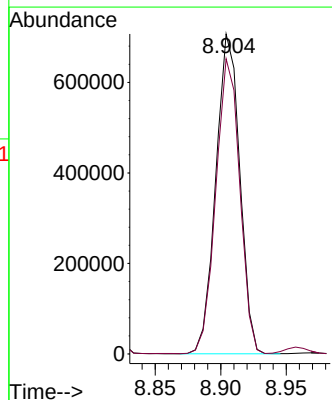
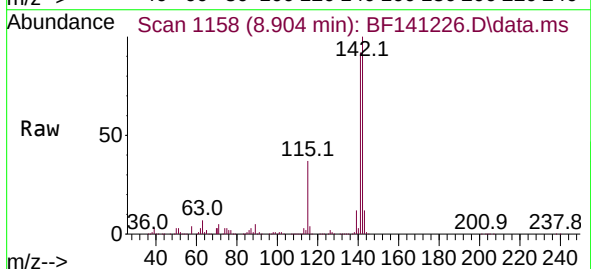
Manual Integrations
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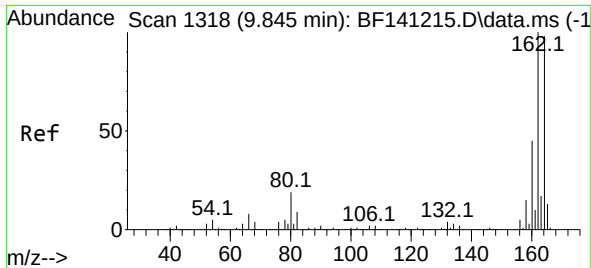
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#38
1-Methylnaphthalene
Concen: 39.166 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:142 Resp: 895599
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





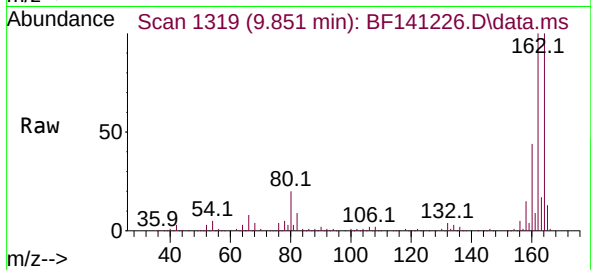
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

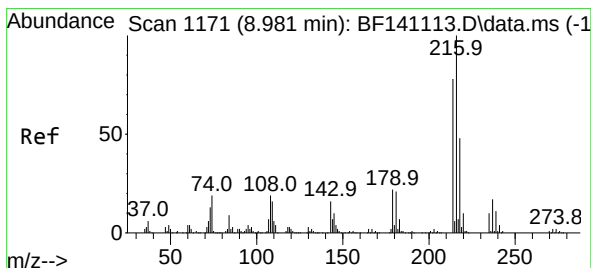
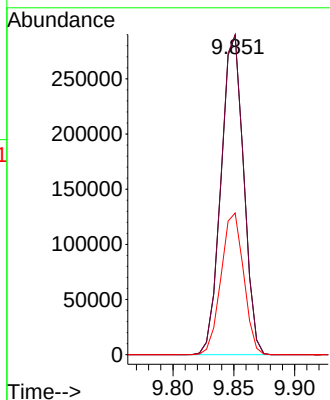
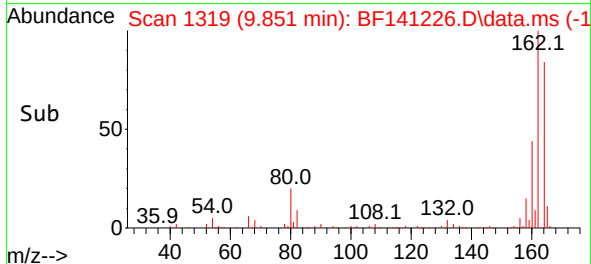


Tgt Ion:164 Resp: 373975
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.3 36.1 54.1

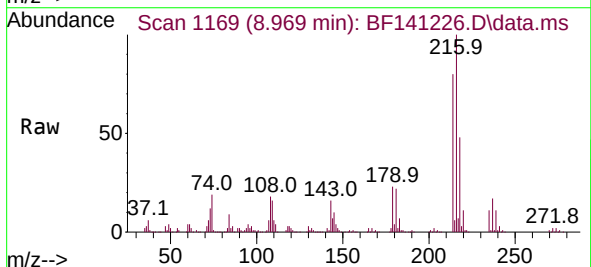
Manual Integrations

APPROVED

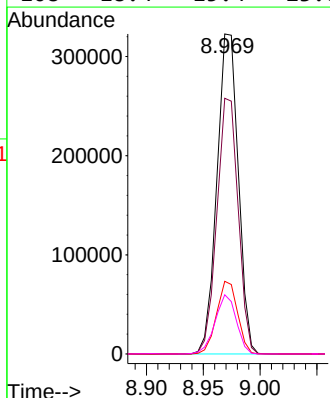
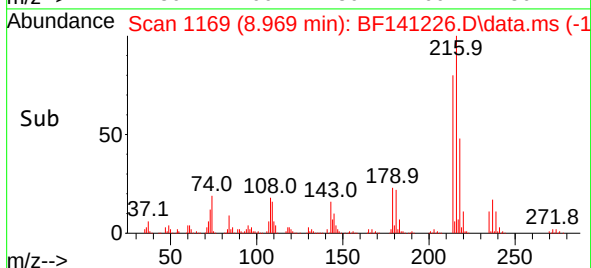
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

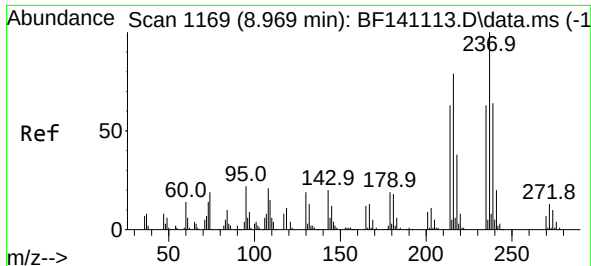


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.388 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion:216 Resp: 422785
Ion Ratio Lower Upper
216 100
214 79.5 62.6 94.0
179 22.2 17.7 26.5
108 18.4 15.4 23.0





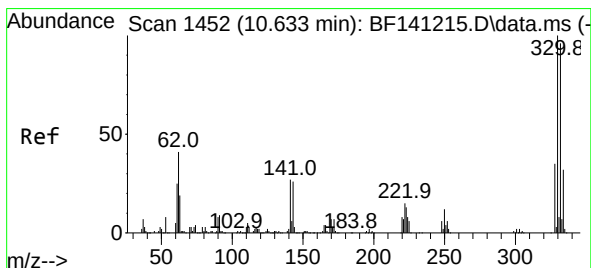
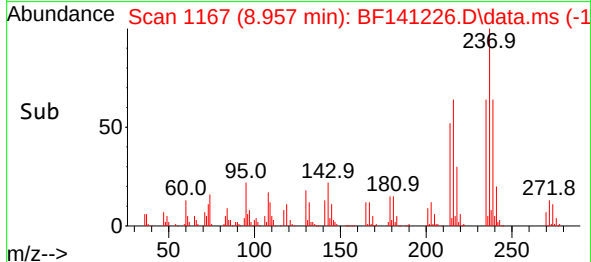
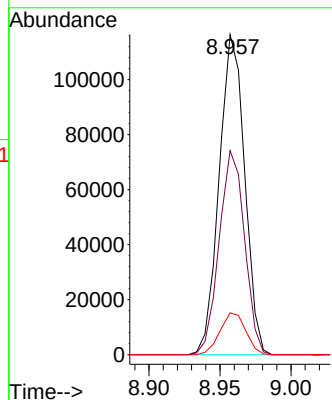
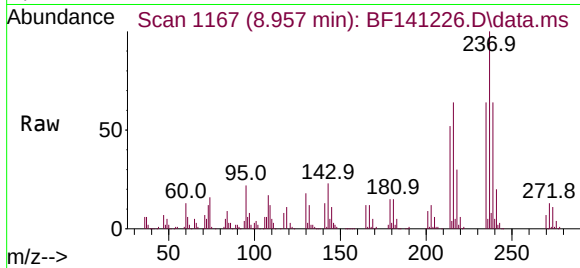
#41
Hexachlorocyclopentadiene
Concen: 41.323 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 145110
Ion Ratio Lower Upper
237 100
235 63.7 43.0 83.0
272 13.1 0.0 33.0

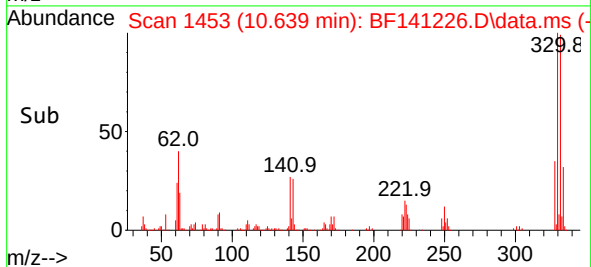
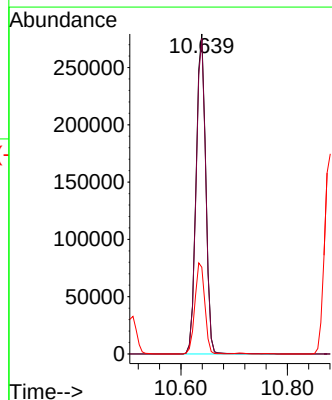
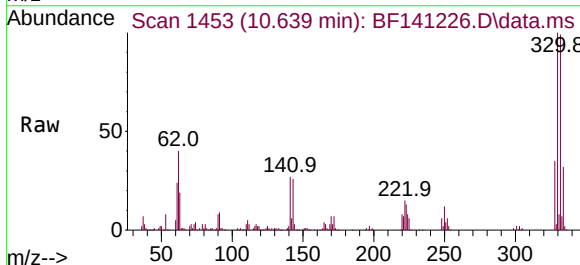
Manual Integrations
APPROVED

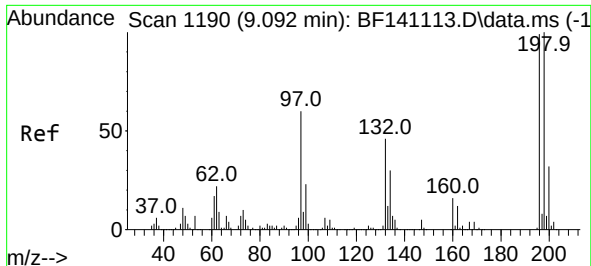
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#42
2,4,6-Tribromophenol
Concen: 82.382 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

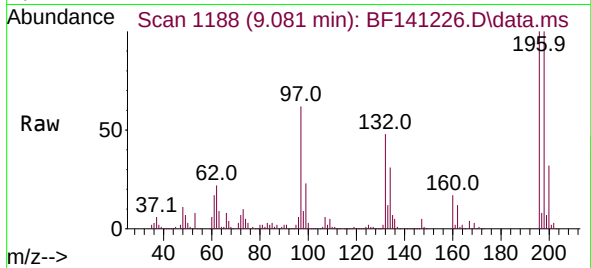
Tgt Ion:330 Resp: 351047
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 29.3 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 40.147 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

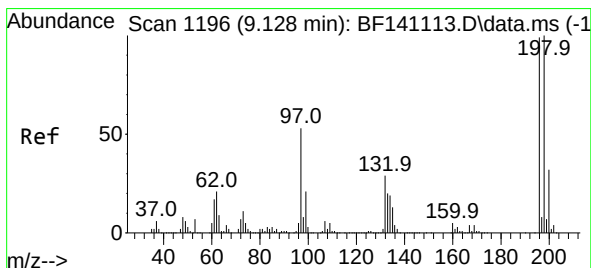
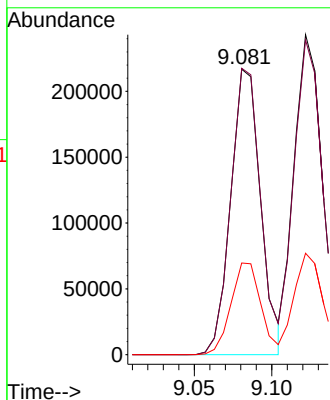
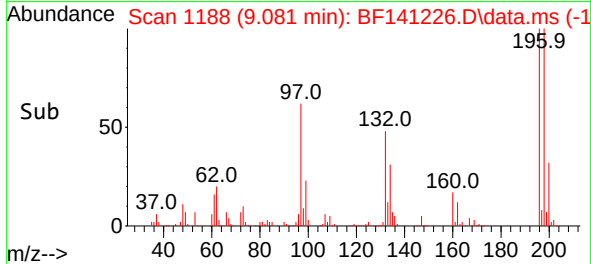
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



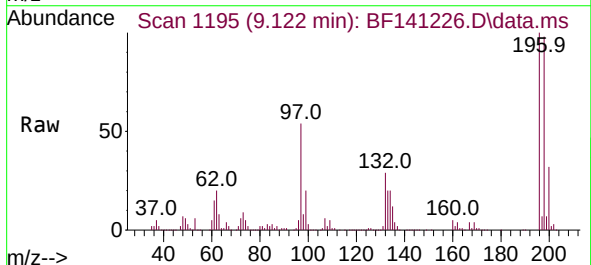
Tgt Ion:196 Resp: 290635
Ion Ratio Lower Upper
196 100
198 100.4 80.8 121.2
200 32.2 25.7 38.5

Manual Integrations
APPROVED

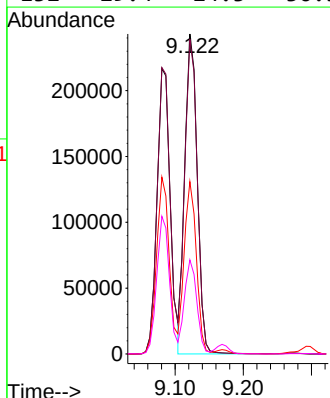
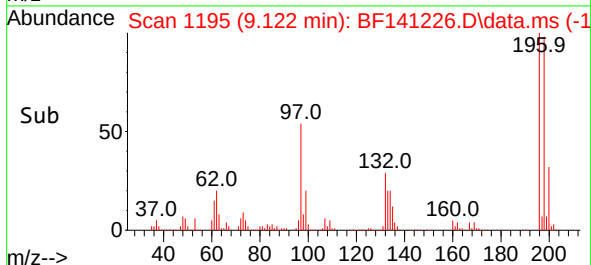
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

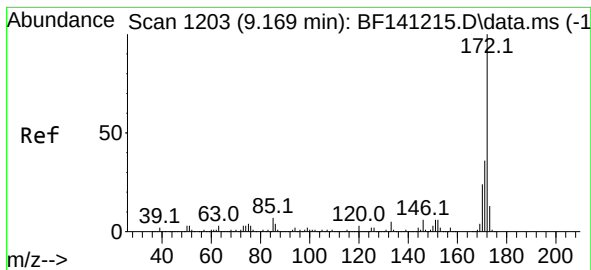


#44
2,4,5-Trichlorophenol
Concen: 40.231 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



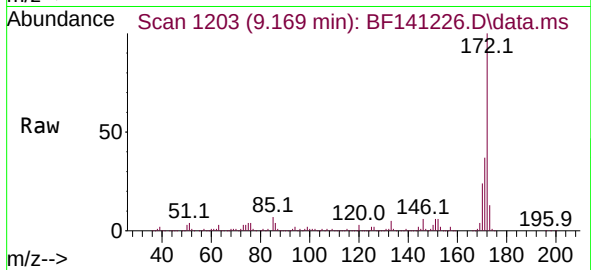
Tgt Ion:196 Resp: 307586
Ion Ratio Lower Upper
196 100
198 98.3 80.6 120.8
97 53.8 43.1 64.7
132 29.4 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 76.807 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

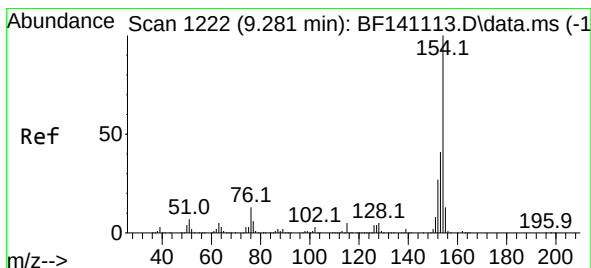
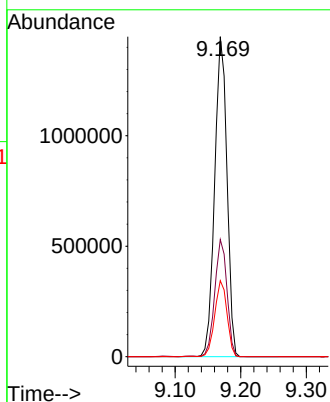
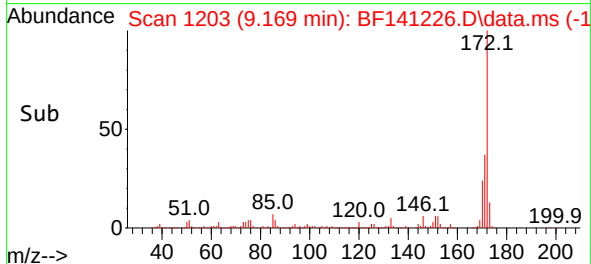
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



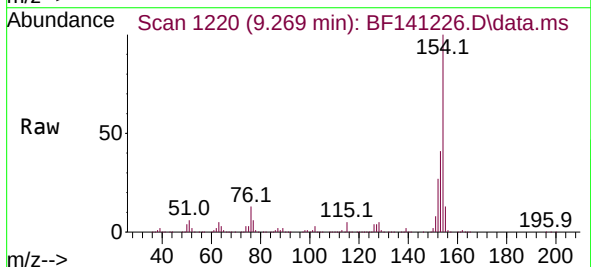
Tgt Ion:172 Resp: 1881019
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 23.8 19.0 28.6

Manual Integrations
APPROVED

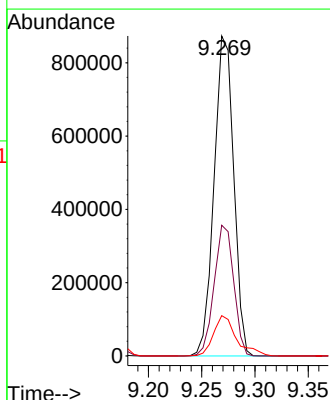
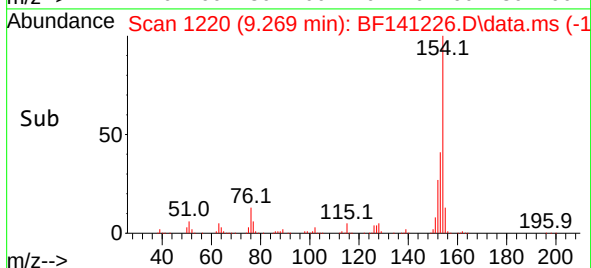
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

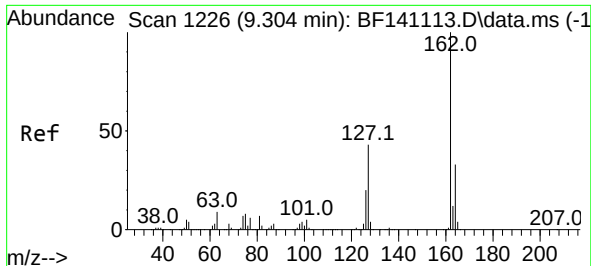


#46
1,1'-Biphenyl
Concen: 38.447 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



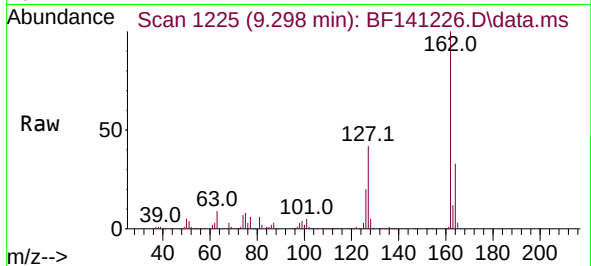
Tgt Ion:154 Resp: 1116612
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.6 0.0 33.1





#47
2-Chloronaphthalene
Concen: 38.561 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

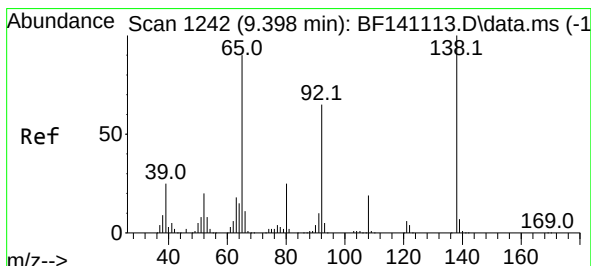
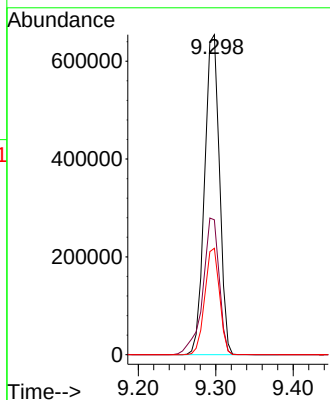
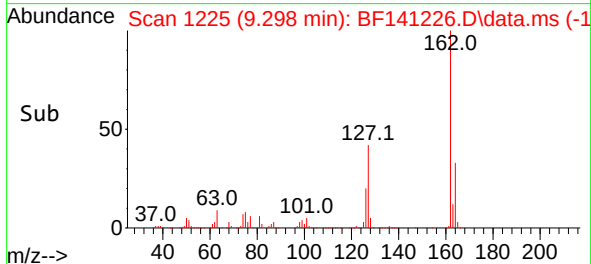
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 872280
Ion Ratio Lower Upper
162 100
127 42.2 34.6 51.8
164 33.2 26.5 39.7

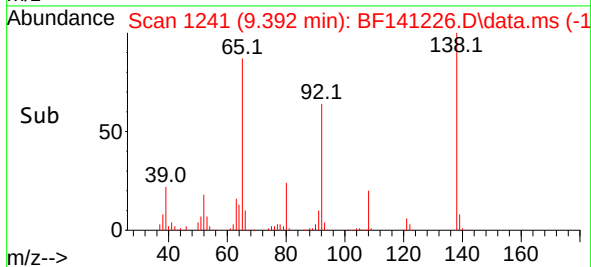
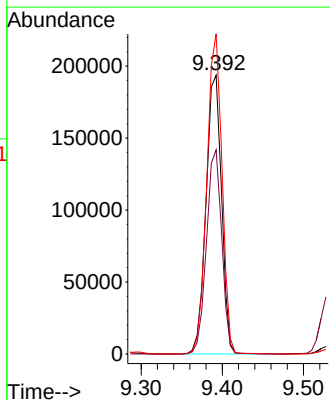
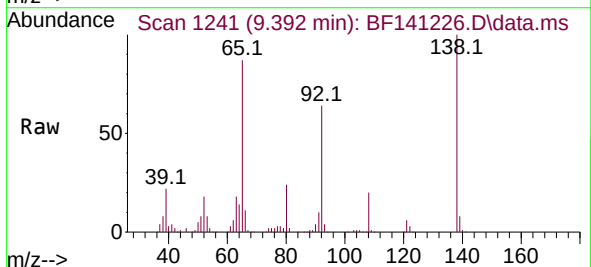
Manual Integrations
APPROVED

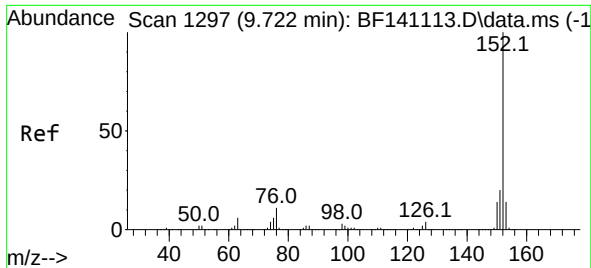
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#48
2-Nitroaniline
Concen: 38.328 ng
RT: 9.392 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion: 65 Resp: 257010
Ion Ratio Lower Upper
65 100
92 73.3 58.3 87.5
138 114.8 89.1 133.7





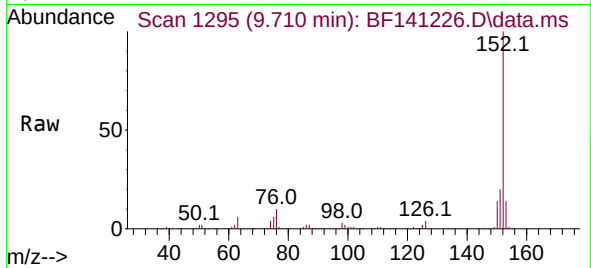
#49
Acenaphthylene
Concen: 38.200 ng
RT: 9.710 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



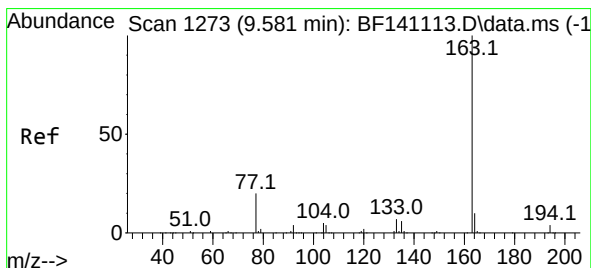
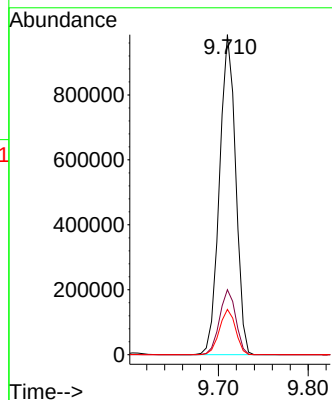
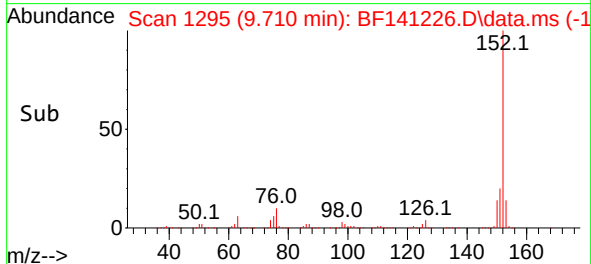
Tgt Ion:152 Resp: 123454
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.2 11.1 16.7

Manual Integrations

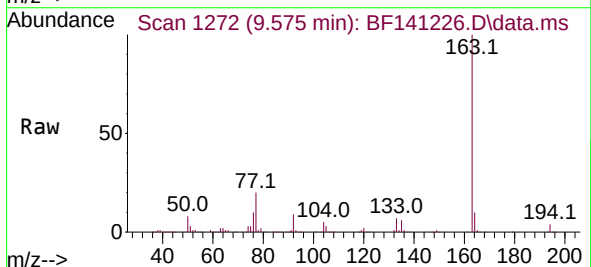
APPROVED

Reviewed By :Yogesh Patel 01/21/2025

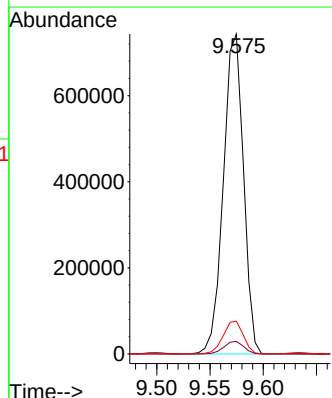
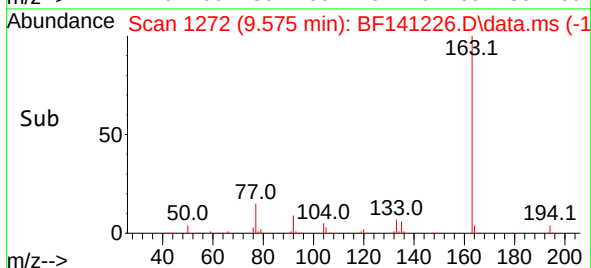
Supervised By :mohammad ahmed 01/21/2025

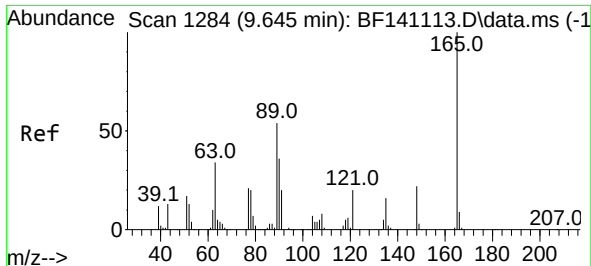


#50
Dimethylphthalate
Concen: 38.849 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



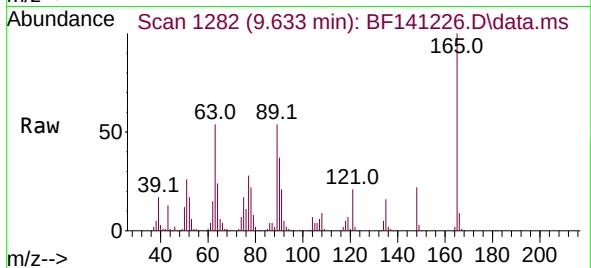
Tgt Ion:163 Resp: 975349
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 39.853 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

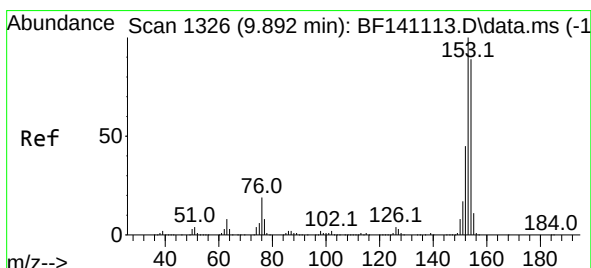
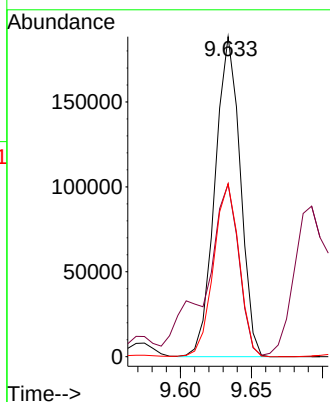
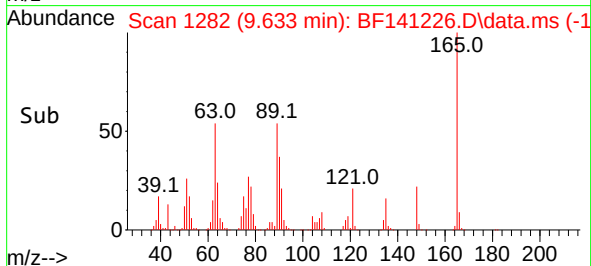
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 232680
Ion Ratio Lower Upper
165 100
63 54.0 42.3 63.5
89 54.1 43.1 64.7

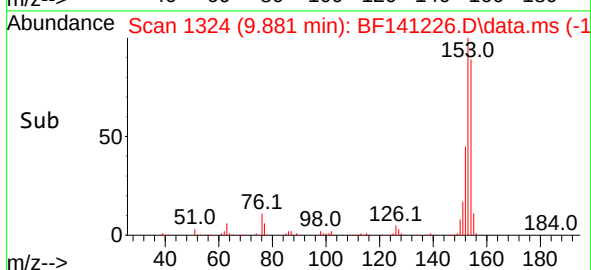
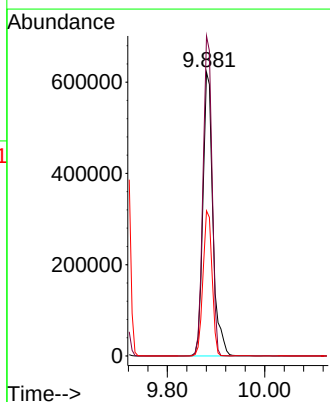
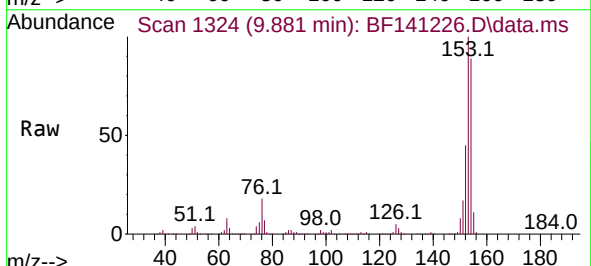
Manual Integrations
APPROVED

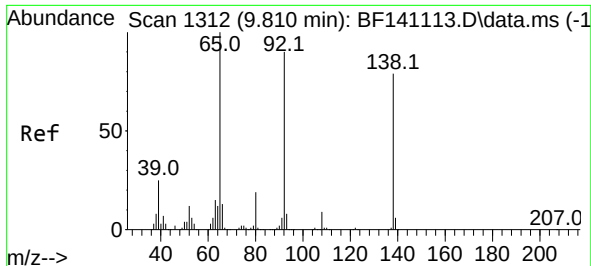
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#52
Acenaphthene
Concen: 38.990 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:154 Resp: 880373
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 51.2 40.8 61.2





#53
3-Nitroaniline
Concen: 37.537 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

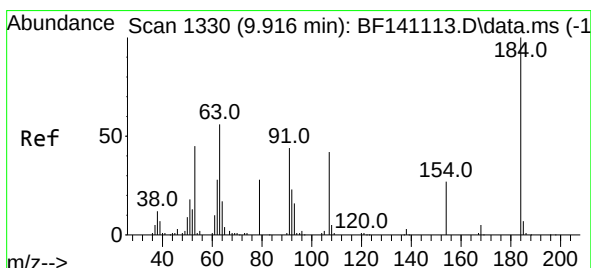
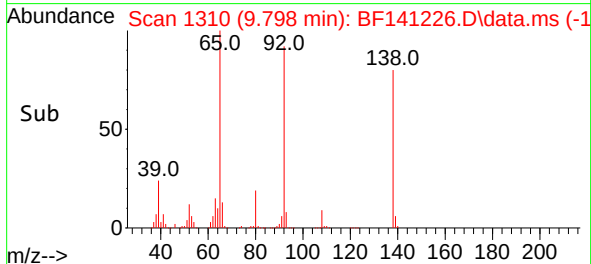
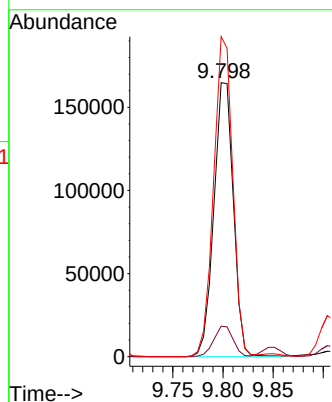
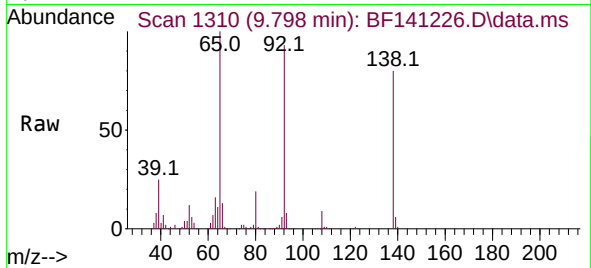
SSTDCCC040EC

Tgt Ion:138 Resp: 222710
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 116.8 91.3 136.9

Manual Integrations

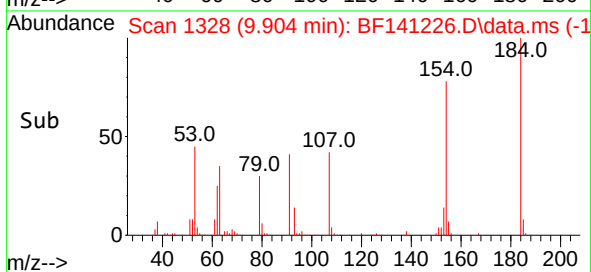
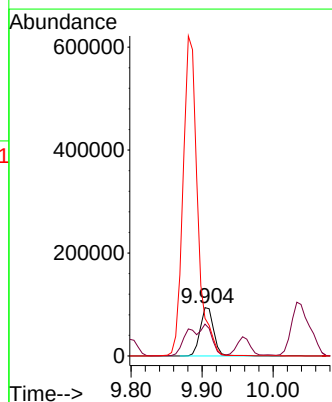
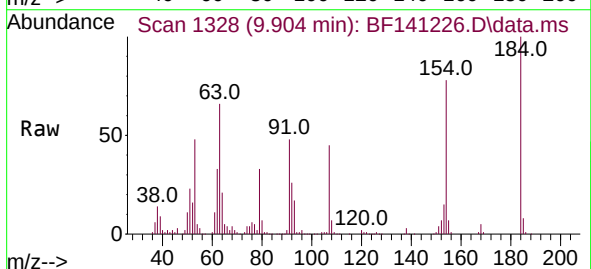
APPROVED

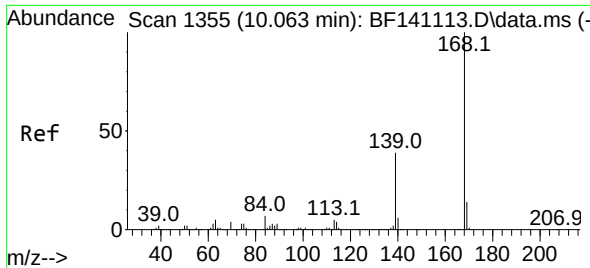
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#54
2,4-Dinitrophenol
Concen: 45.070 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

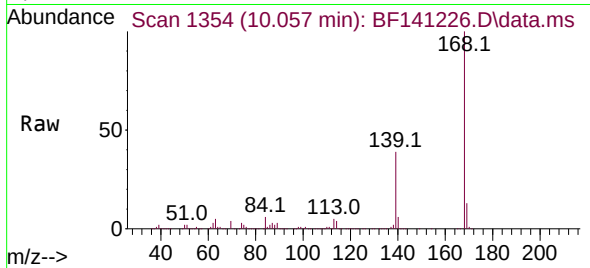
Tgt Ion:184 Resp: 125075
Ion Ratio Lower Upper
184 100
63 65.9 48.7 73.1
154 77.8 57.1 85.7





#55
Dibenzenofuran
Concen: 38.244 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

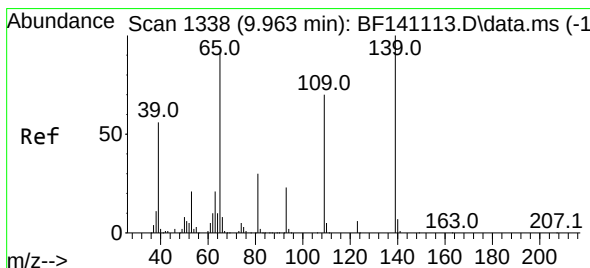
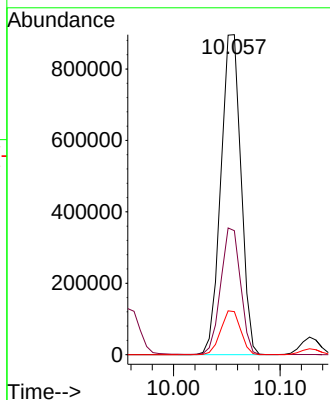
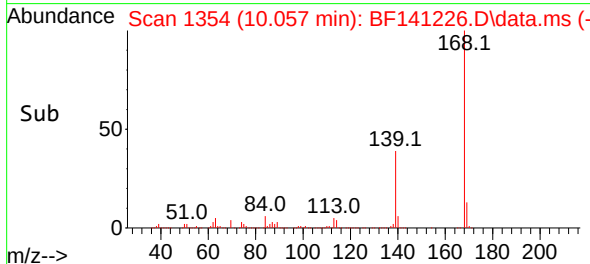
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 117454
Ion Ratio Lower Upper
168 100
139 38.8 31.4 47.0
169 13.4 10.9 16.3

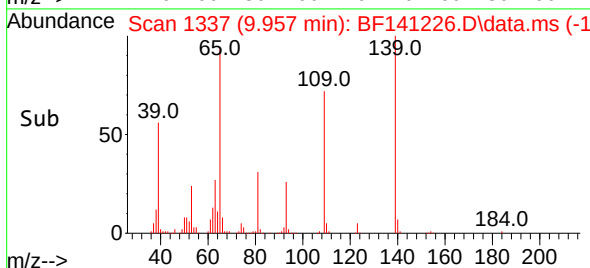
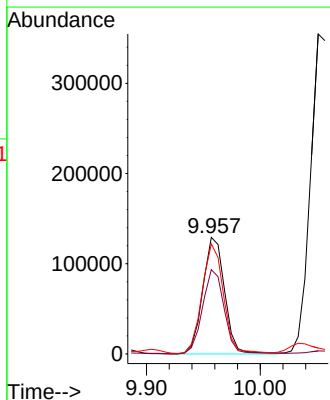
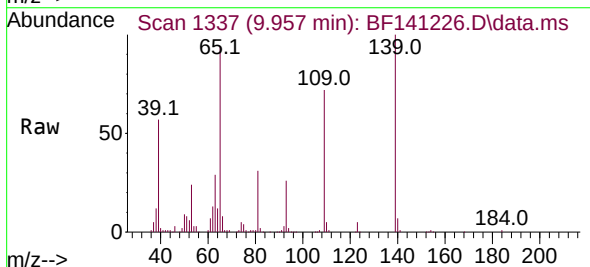
Manual Integrations
APPROVED

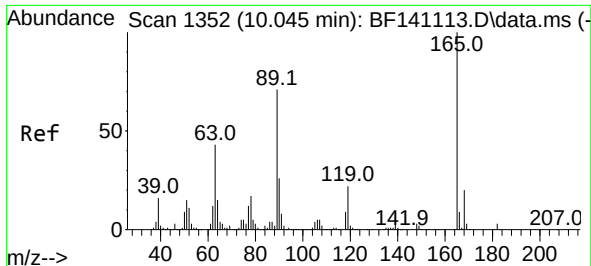
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#56
4-Nitrophenol
Concen: 37.107 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:139 Resp: 172418
Ion Ratio Lower Upper
139 100
109 72.4 50.2 90.2
65 94.5 72.1 112.1





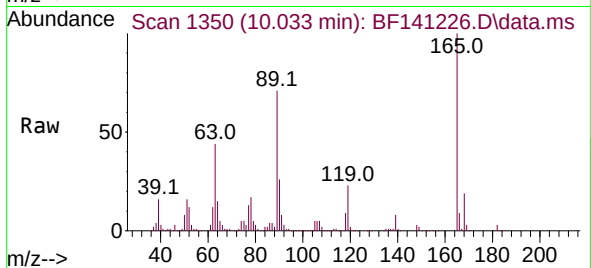
#57
2,4-Dinitrotoluene
Concen: 40.471 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

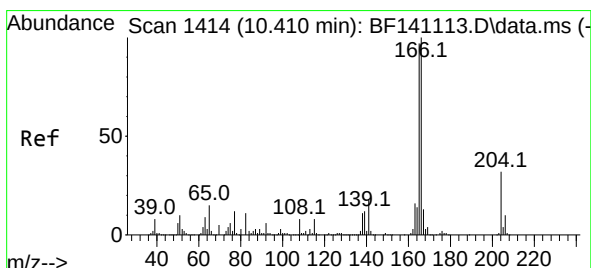
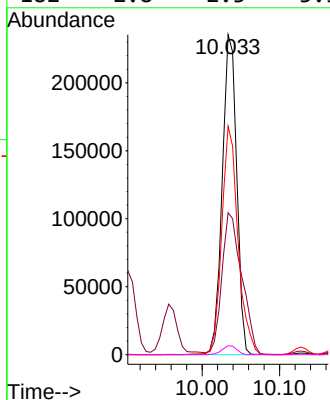
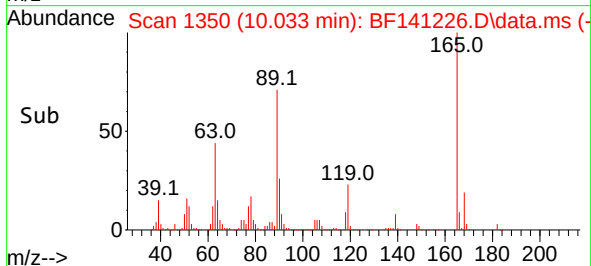


Tgt Ion:165 Resp: 30450
Ion Ratio Lower Upper
165 100
63 44.4 35.0 52.4
89 71.4 56.7 85.1
182 2.8 2.3 3.5

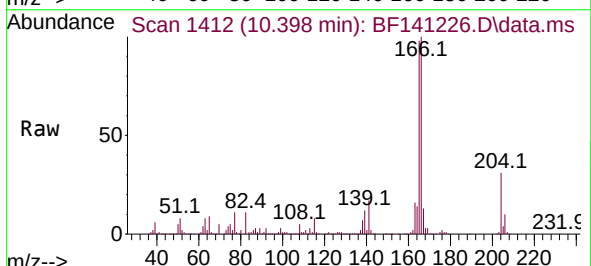
Manual Integrations

APPROVED

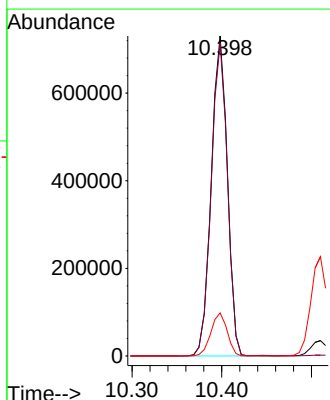
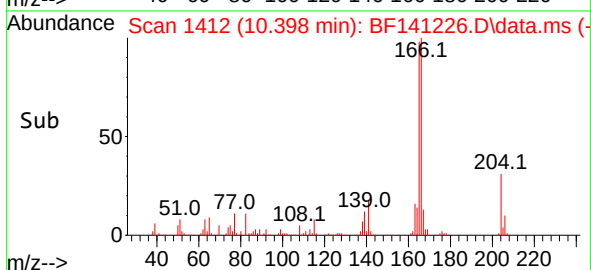
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

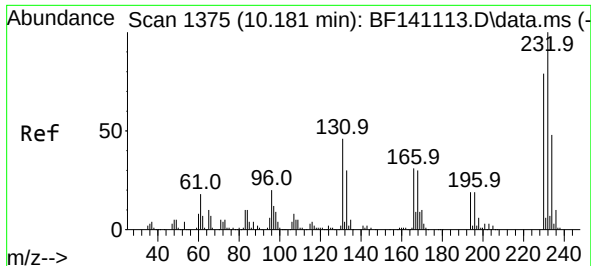


#58
Fluorene
Concen: 38.205 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



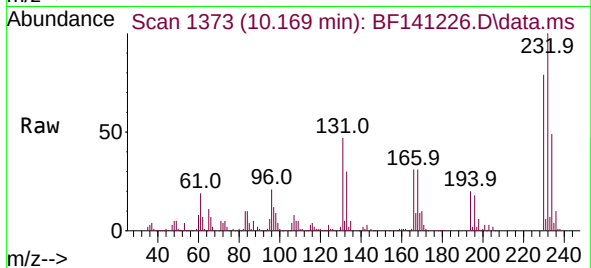
Tgt Ion:166 Resp: 911591
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.983 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

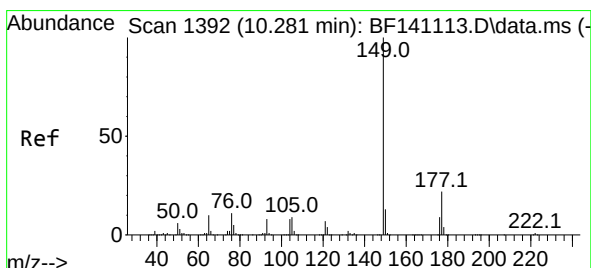
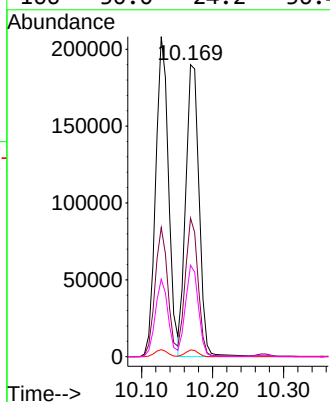
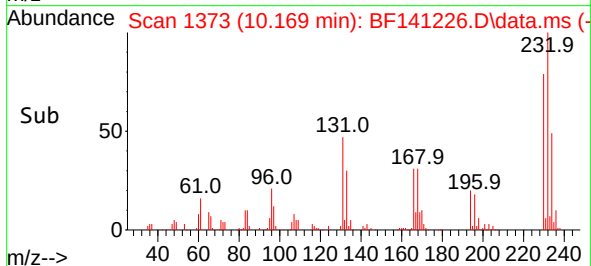
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



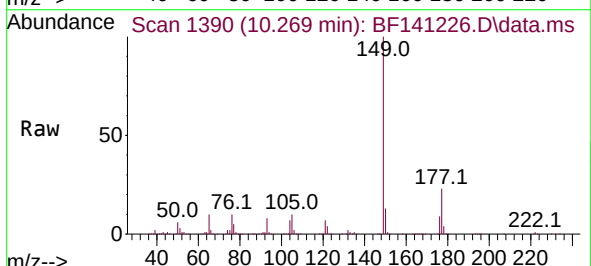
Tgt Ion:232 Resp: 247744
Ion Ratio Lower Upper
232 100
131 45.4 36.2 54.4
130 2.2 2.0 3.0
166 30.0 24.2 36.4

Manual Integrations
APPROVED

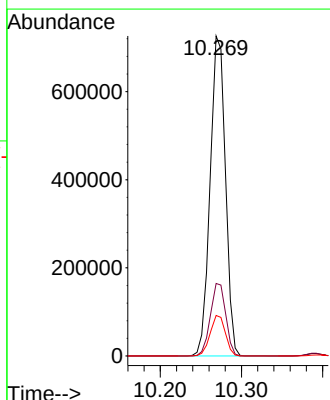
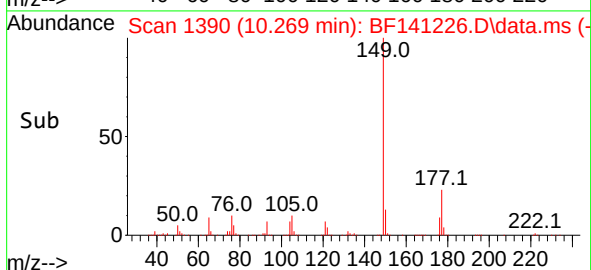
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

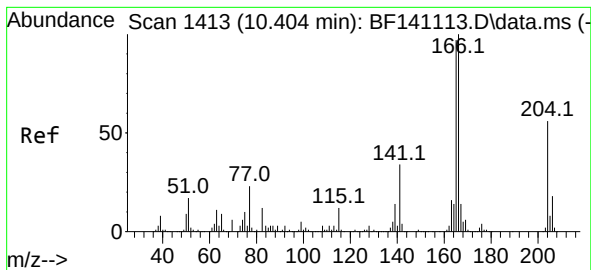


#60
Diethylphthalate
Concen: 38.745 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



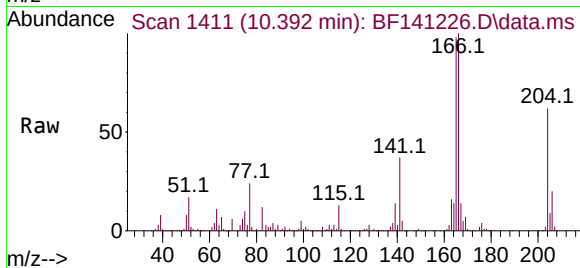
Tgt Ion:149 Resp: 949655
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.736 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

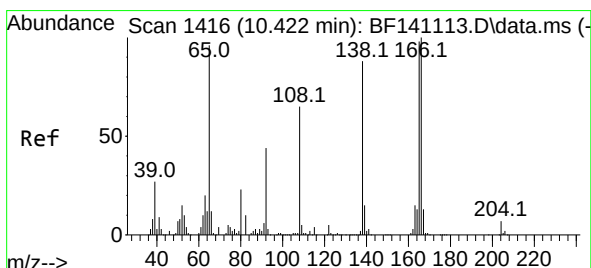
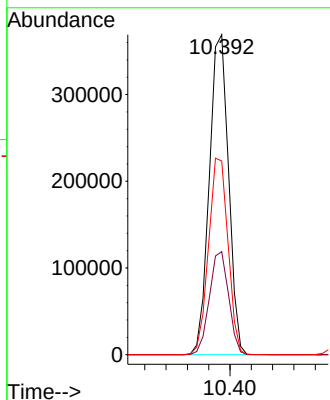
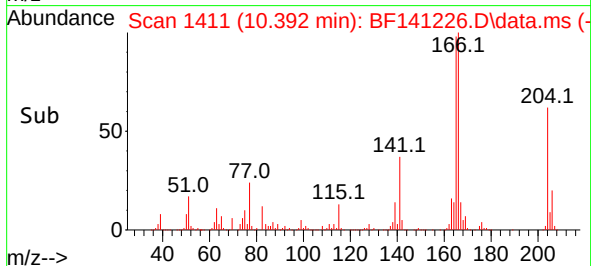
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



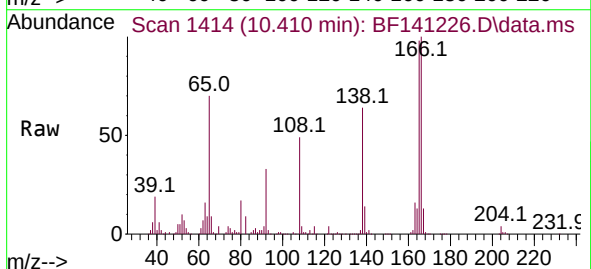
Tgt Ion:204 Resp: 462094
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 60.5 49.1 73.7

Manual Integrations
APPROVED

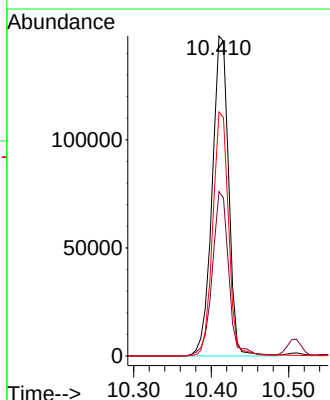
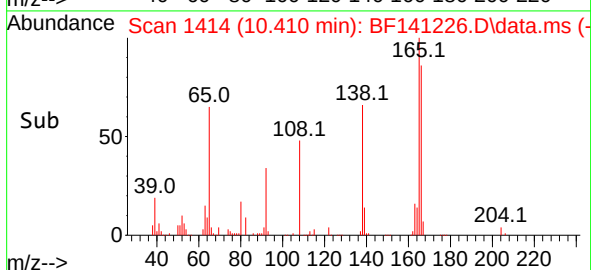
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

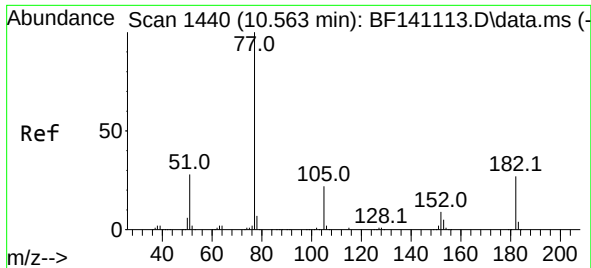


#62
4-Nitroaniline
Concen: 37.729 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion:138 Resp: 219093
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 76.2 53.7 93.7





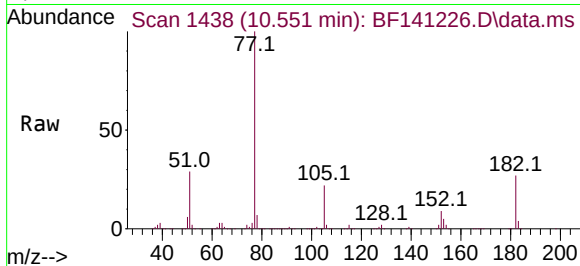
#63
Azobenzene
Concen: 37.525 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

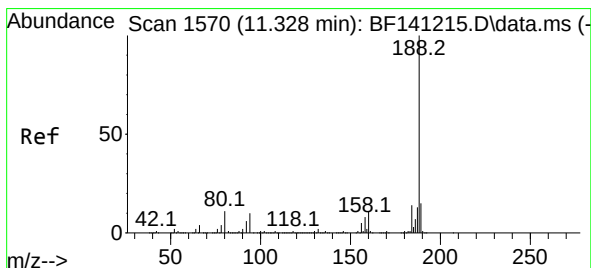
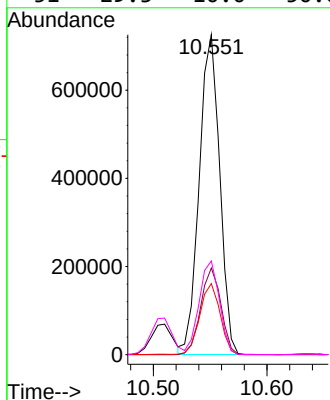
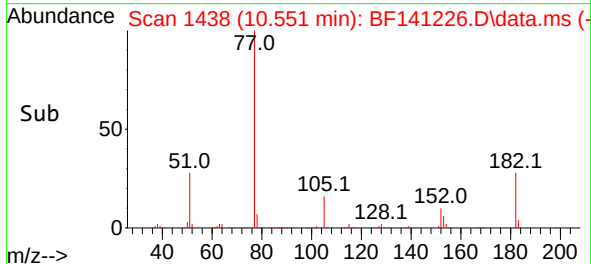


Tgt Ion: 77 Resp: 90754
Ion Ratio Lower Upper
77 100
182 27.1 6.1 46.1
105 22.2 2.1 42.1
51 29.3 10.0 50.0

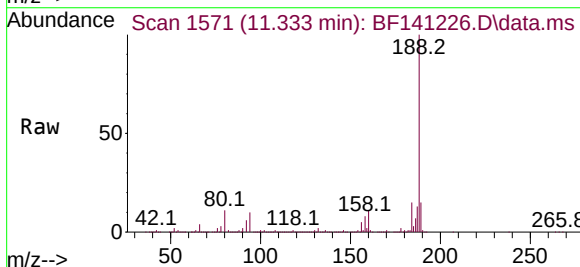
Manual Integrations

APPROVED

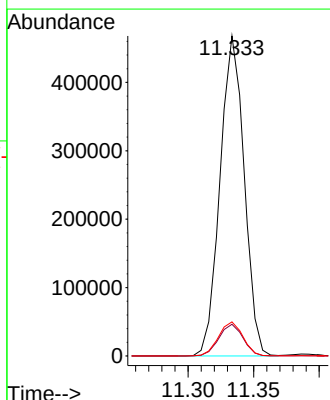
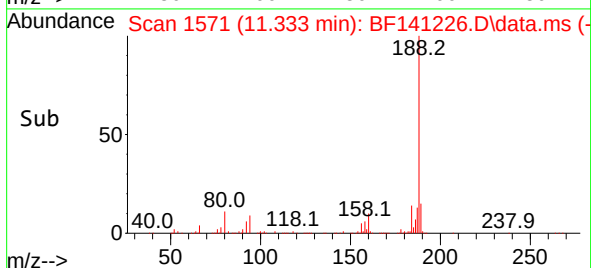
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

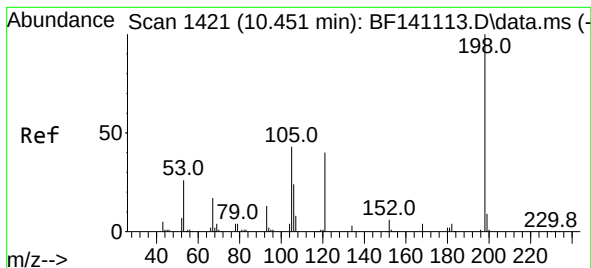


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



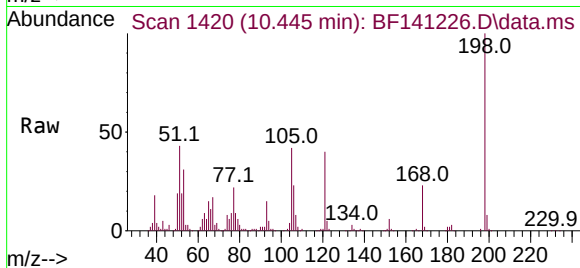
Tgt Ion:188 Resp: 599666
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.797 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

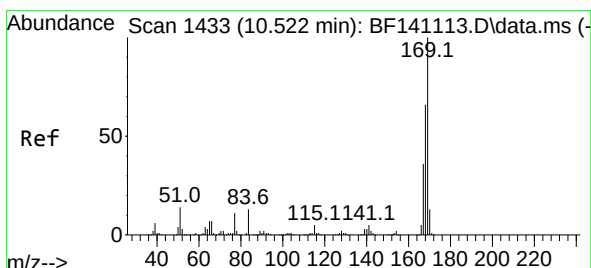
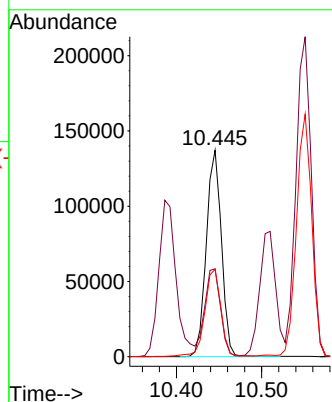
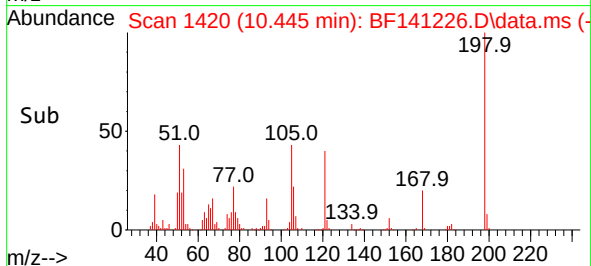
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



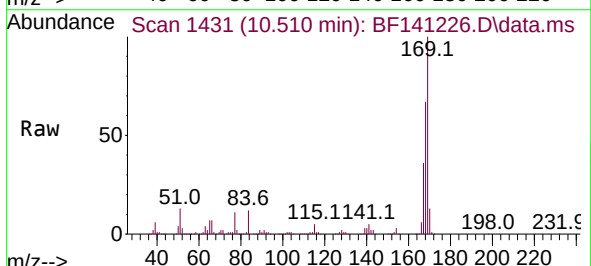
Tgt Ion:198 Resp: 169564
Ion Ratio Lower Upper
198 100
51 42.6 27.1 67.1
105 42.4 24.2 64.2

Manual Integrations
APPROVED

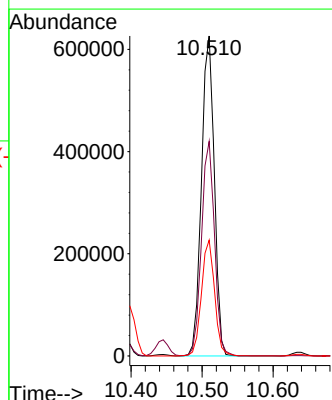
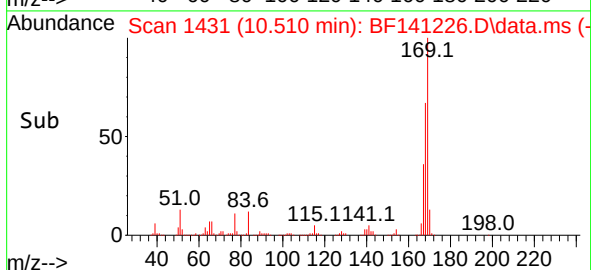
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

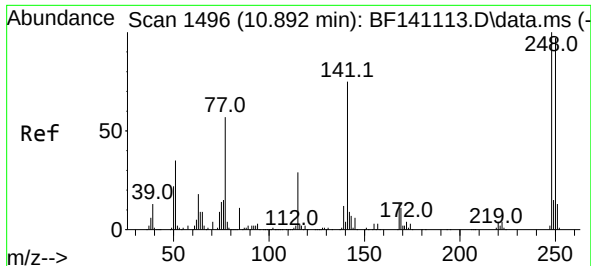


#66
n-Nitrosodiphenylamine
Concen: 40.779 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



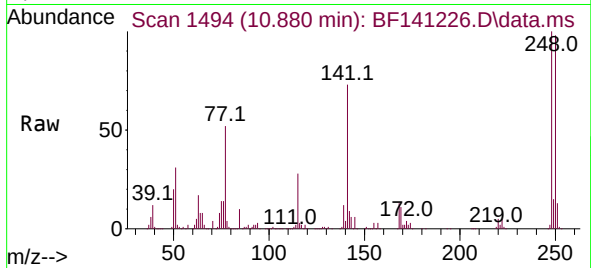
Tgt Ion:169 Resp: 788748
Ion Ratio Lower Upper
169 100
168 67.0 52.5 78.7
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.342 ng
RT: 10.880 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

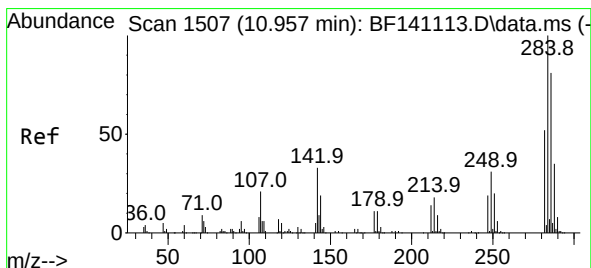
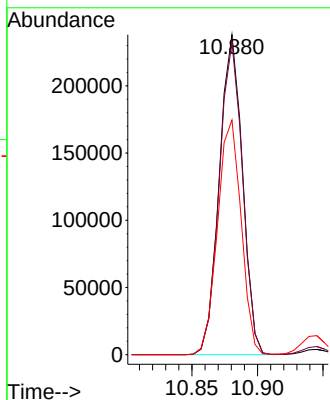
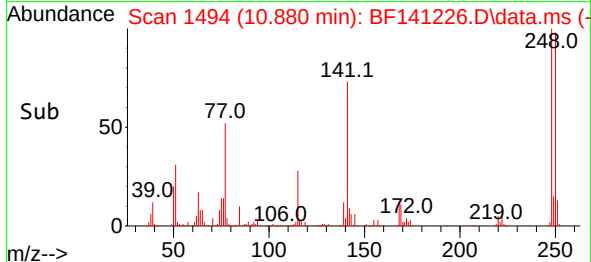
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



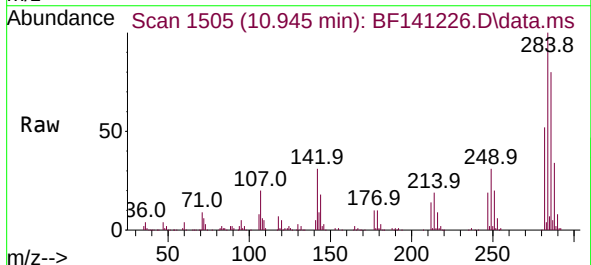
Tgt Ion:248 Resp: 292327
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 73.4 59.9 89.9

Manual Integrations
APPROVED

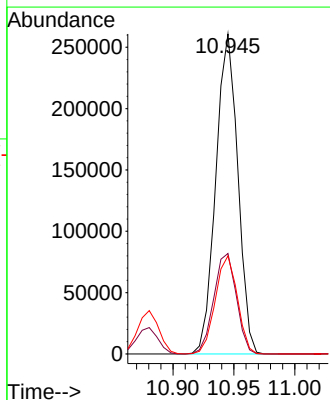
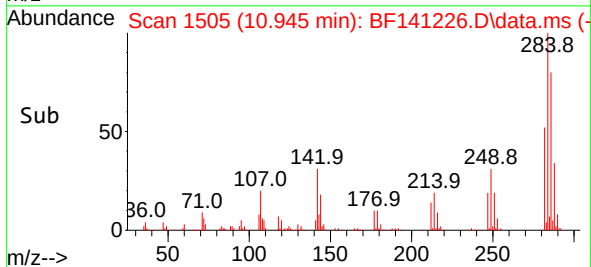
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

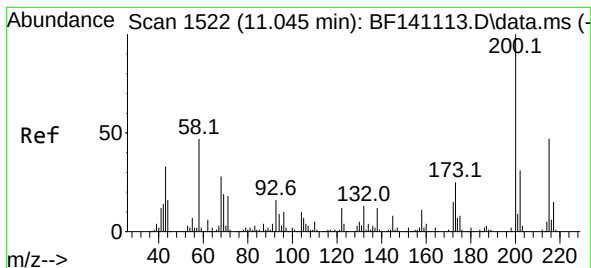


#68
Hexachlorobenzene
Concen: 42.682 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



Tgt Ion:284 Resp: 328024
Ion Ratio Lower Upper
284 100
142 31.4 26.3 39.5
249 30.7 24.9 37.3





#69

Atrazine

Concen: 45.599 ng

RT: 11.033 min Scan# 1522

Delta R.T. -0.012 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

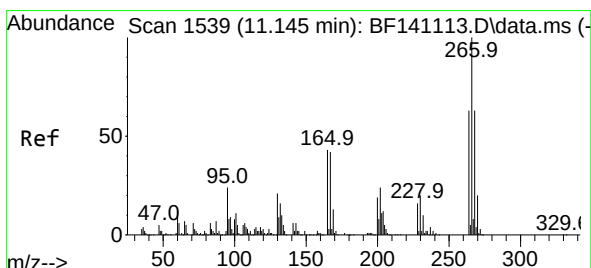
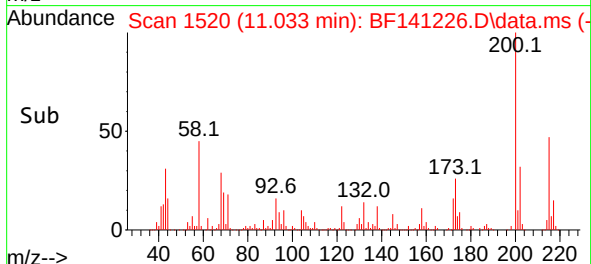
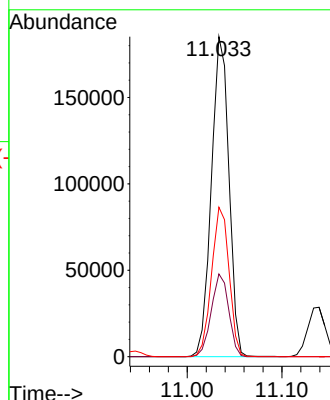
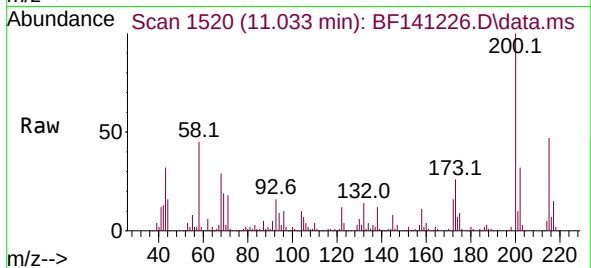
Tgt Ion:200 Resp: 23747
 Ion Ratio Lower Upper
 200 100
 173 25.8 5.4 45.4
 215 46.7 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#70

Pentachlorophenol

Concen: 42.835 ng

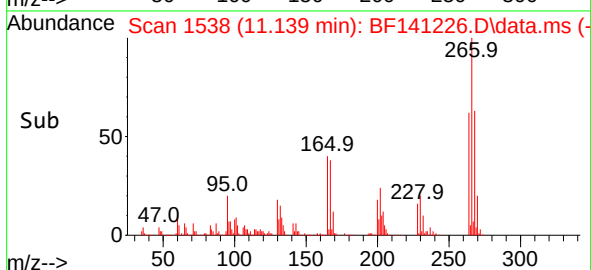
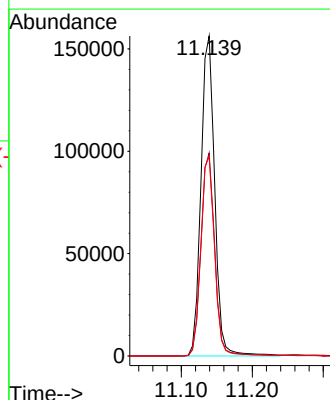
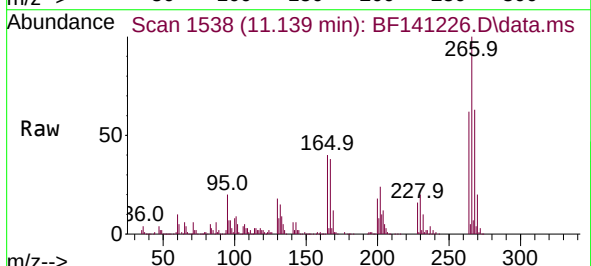
RT: 11.139 min Scan# 1538

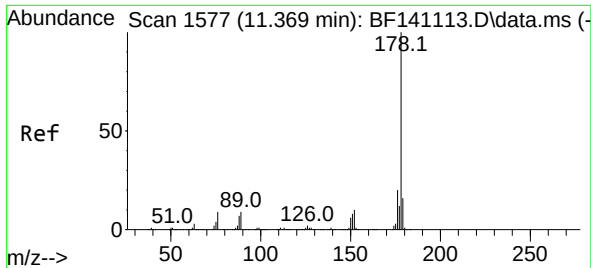
Delta R.T. -0.006 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

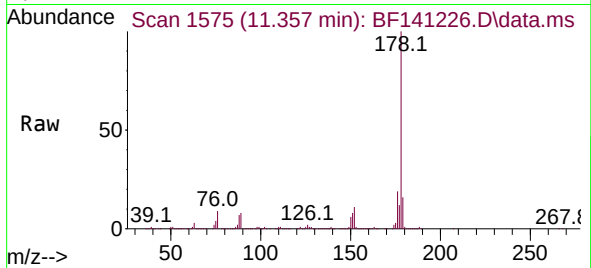
Tgt Ion:266 Resp: 210825
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.4 75.6
 264 62.3 50.2 75.2





#71
Phenanthrene
Concen: 40.163 ng
RT: 11.357 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

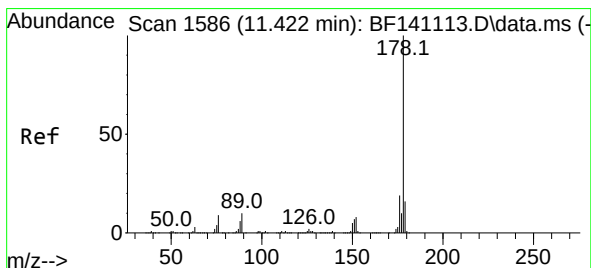
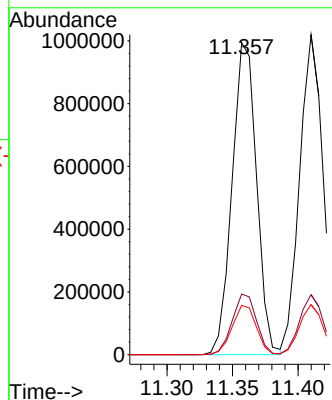
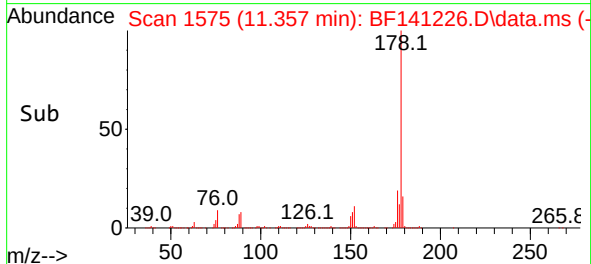
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 129300
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.8 12.6 19.0

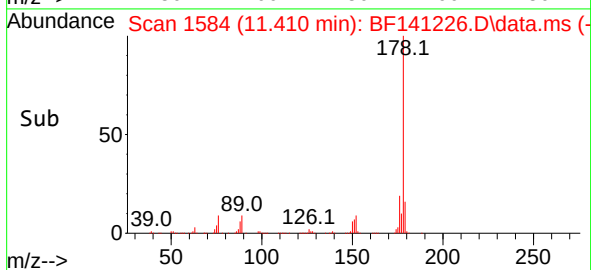
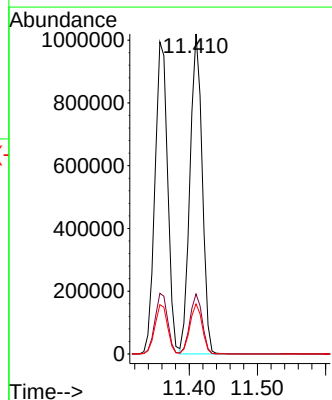
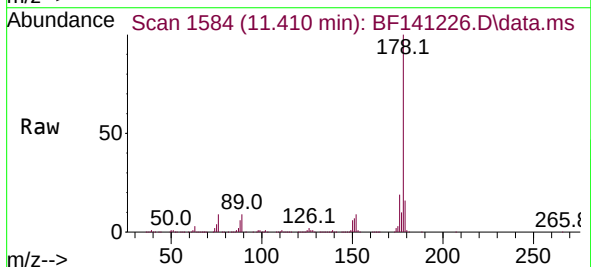
Manual Integrations
APPROVED

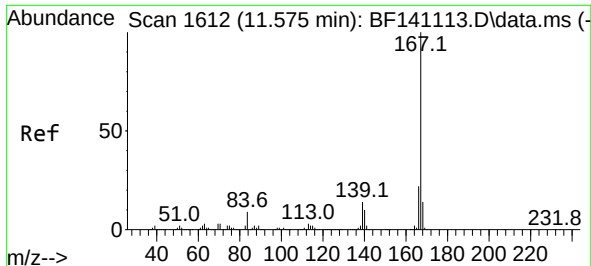
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#72
Anthracene
Concen: 40.167 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

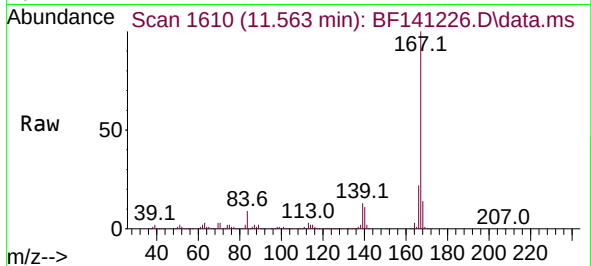
Tgt Ion:178 Resp: 1257400
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 39.162 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141226.D
 Acq: 20 Jan 2025 16:58

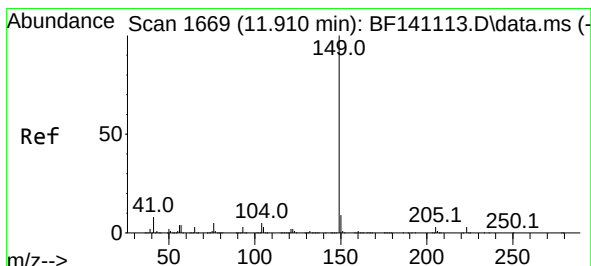
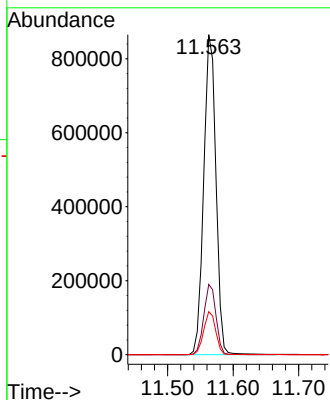
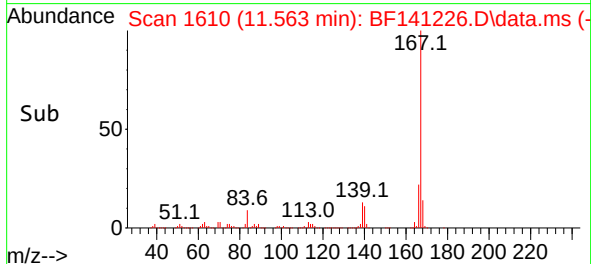
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



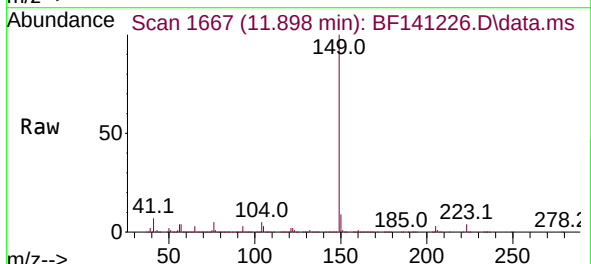
Tgt Ion:167 Resp: 1124089
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.4 10.9 16.3

Manual Integrations
 APPROVED

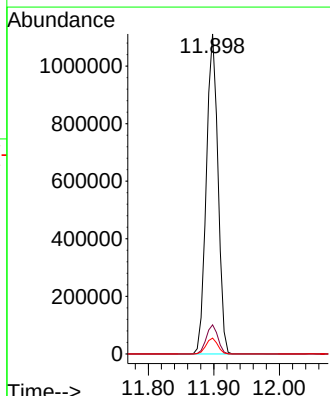
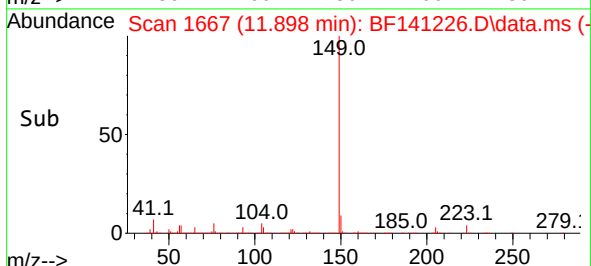
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025

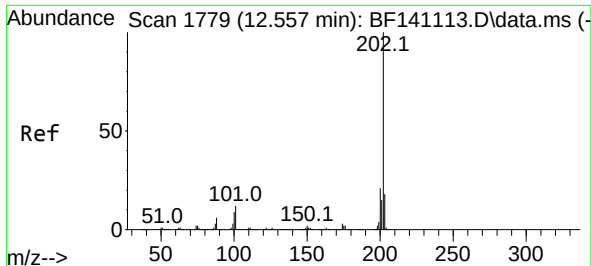


#74
 Di-n-butylphthalate
 Concen: 41.773 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141226.D
 Acq: 20 Jan 2025 16:58



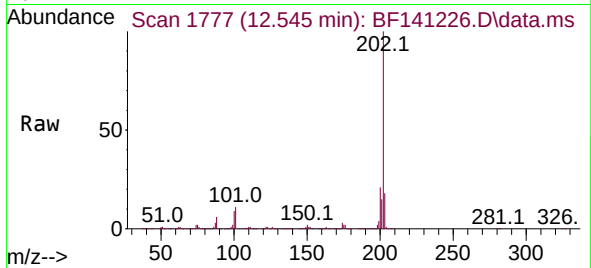
Tgt Ion:149 Resp: 1372194
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 39.548 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

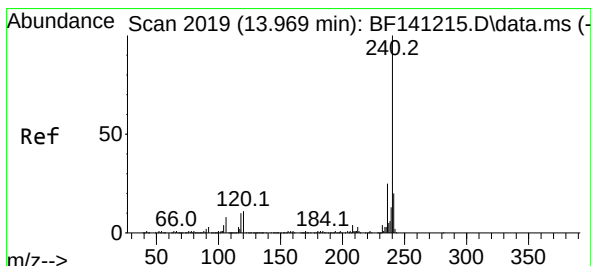
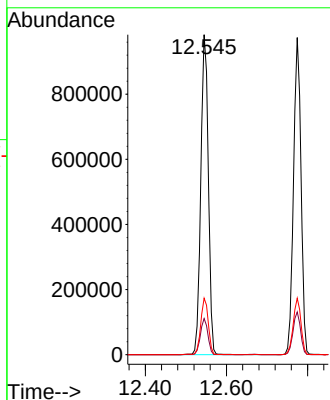
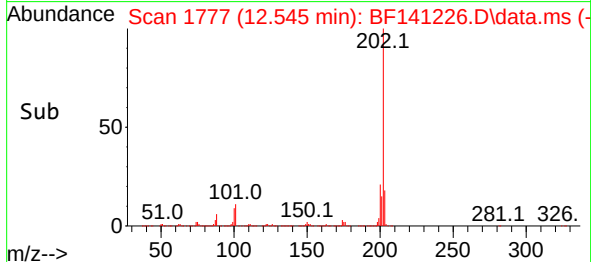
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



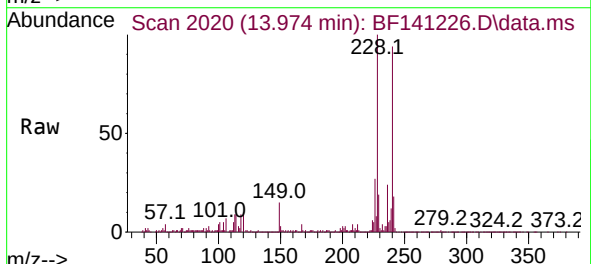
Tgt Ion:202 Resp: 127054
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 17.6 0.0 37.7

Manual Integrations
APPROVED

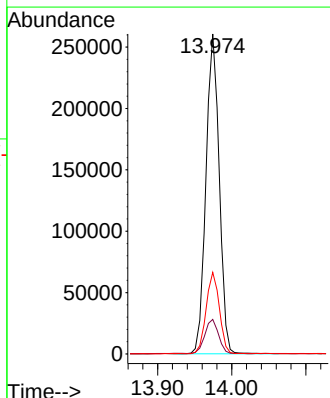
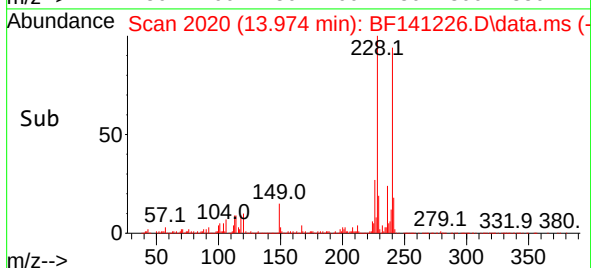
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

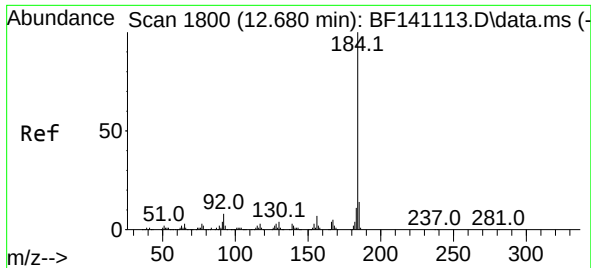


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



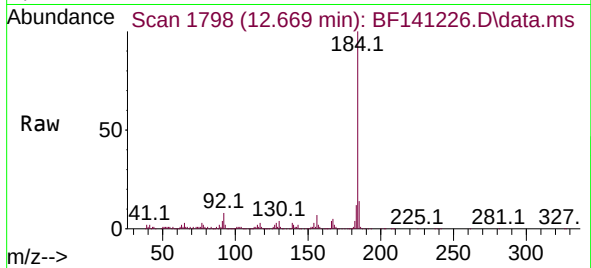
Tgt Ion:240 Resp: 324852
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.5 19.8 29.6





#77
Benzidine
Concen: 34.182 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

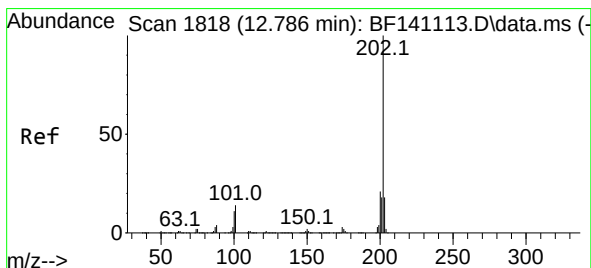
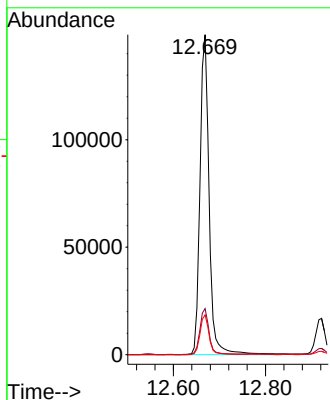
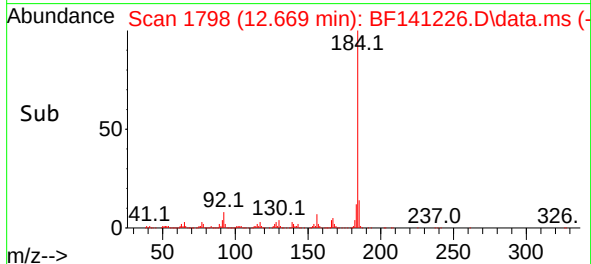
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:184 Resp: 205920
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.4 9.2 13.8

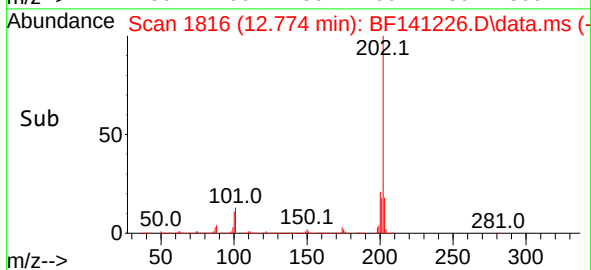
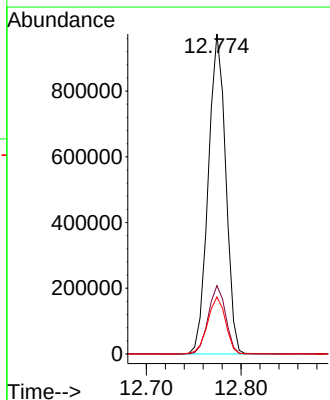
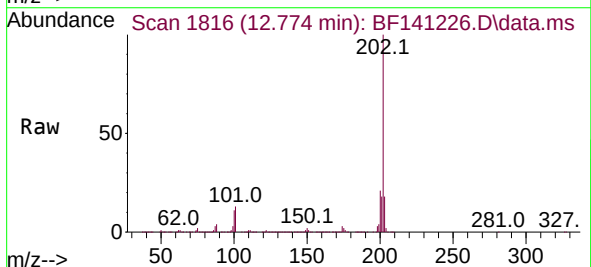
Manual Integrations
APPROVED

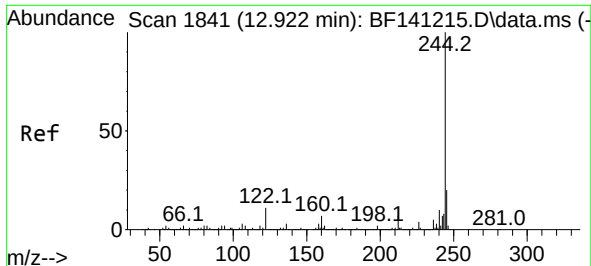
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#78
Pyrene
Concen: 40.019 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

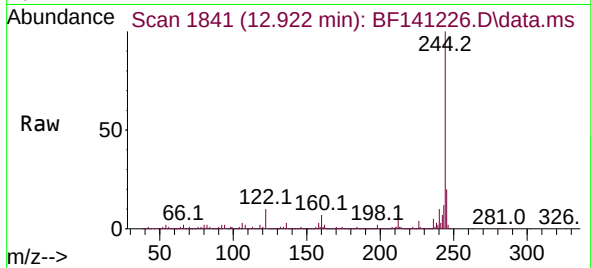
Tgt Ion:202 Resp: 1241696
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 80.948 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141226.D
 Acq: 20 Jan 2025 16:58

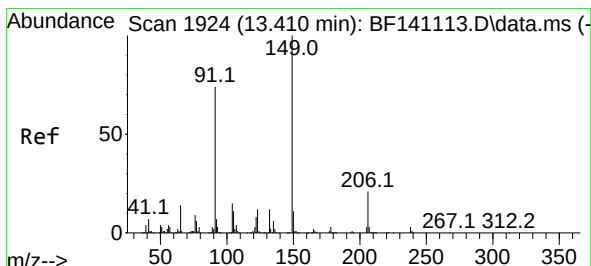
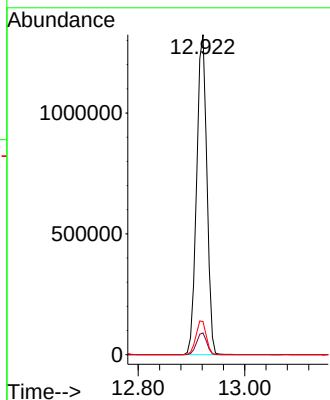
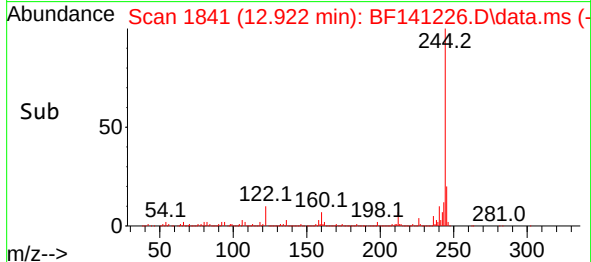
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:244 Resp: 176922
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.3 8.8 13.2

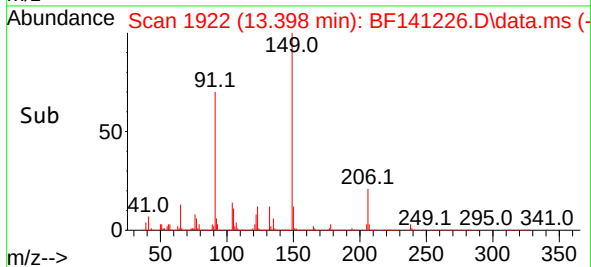
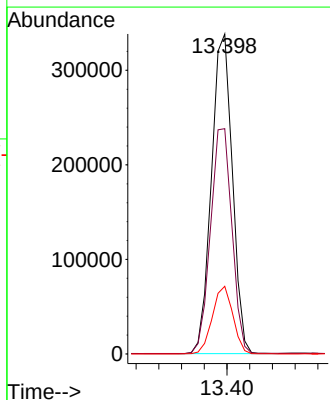
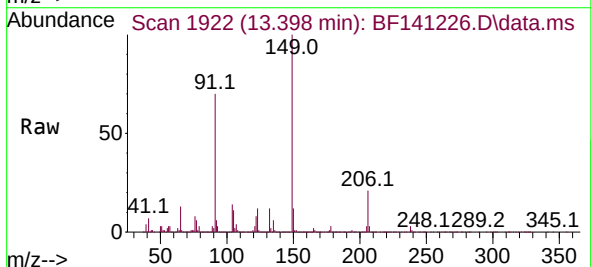
Manual Integrations
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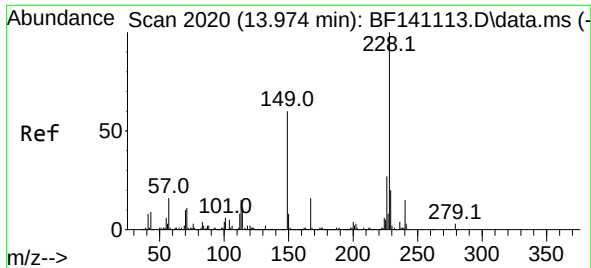
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025



#80
 Butylbenzylphthalate
 Concen: 41.851 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141226.D
 Acq: 20 Jan 2025 16:58

Tgt Ion:149 Resp: 432936
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.0 88.6
 206 21.2 16.5 24.7





#81
Benzo(a)anthracene
Concen: 37.878 ng
RT: 13.963 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

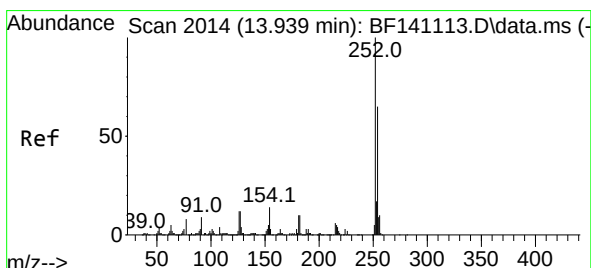
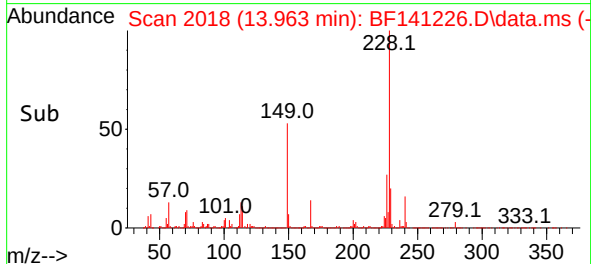
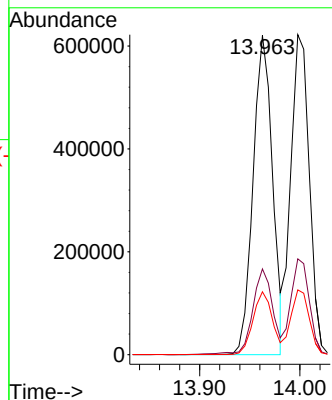
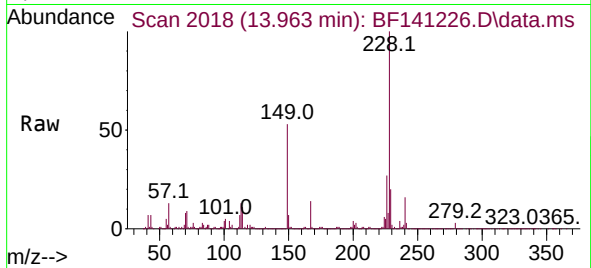
SSTDCCC040EC

Tgt Ion:228 Resp: 83740
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.7 23.5

Manual Integrations

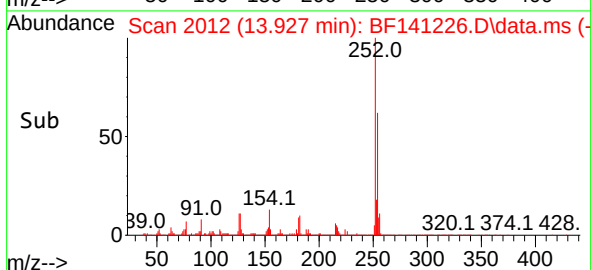
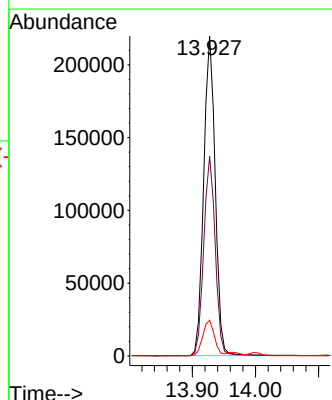
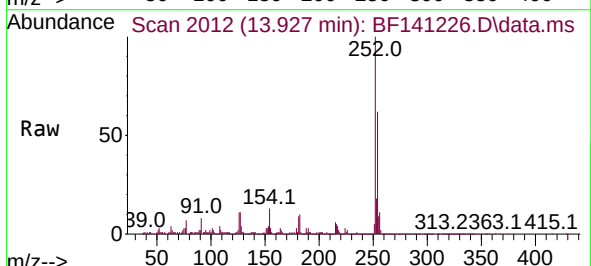
APPROVED

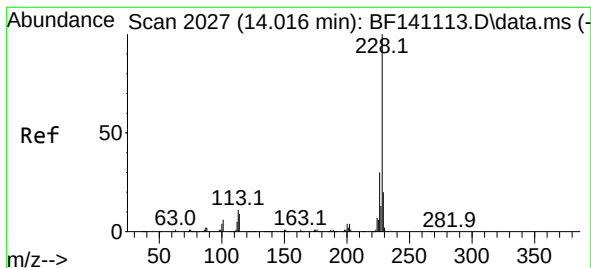
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.470 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:252 Resp: 277856
Ion Ratio Lower Upper
252 100
254 62.4 52.0 78.0
126 11.2 9.4 14.0





#83

Chrysene

Concen: 38.728 ng

RT: 13.998 min Scan# 2011

Delta R.T. -0.018 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

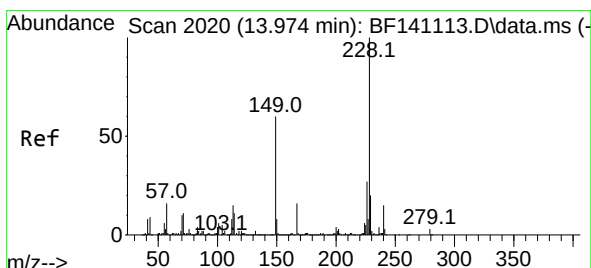
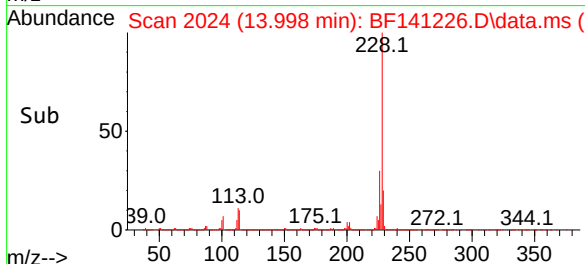
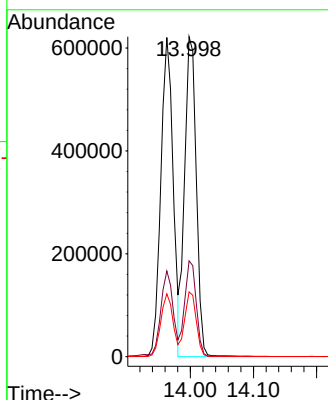
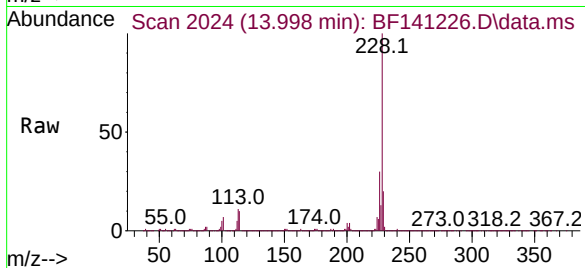
SSTDCCC040EC

Tgt Ion:228 Resp: 80114
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.8 35.8
 229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.108 ng

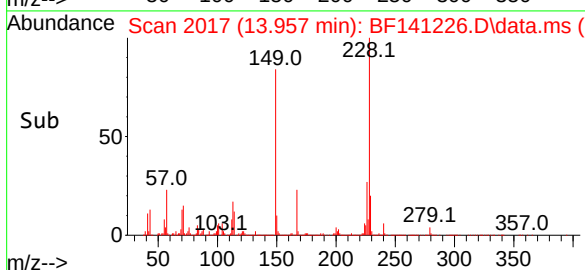
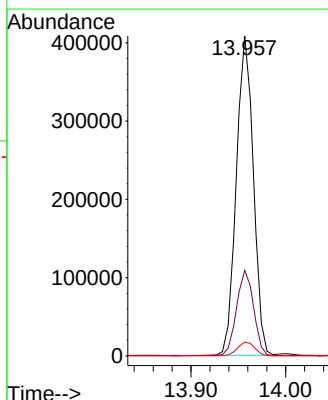
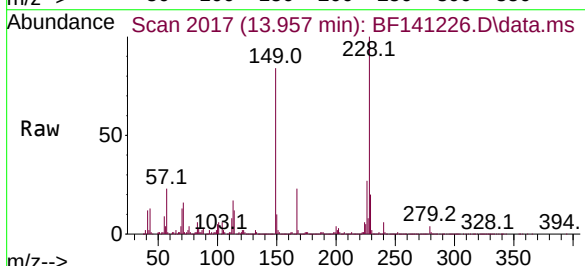
RT: 13.957 min Scan# 2017

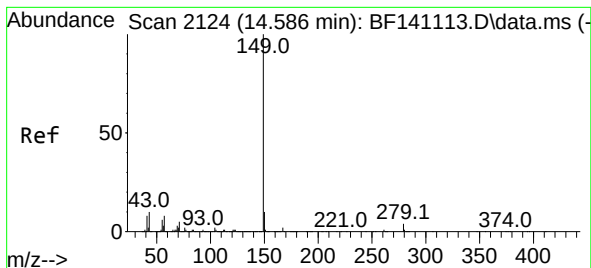
Delta R.T. -0.018 min

Lab File: BF141226.D

Acq: 20 Jan 2025 16:58

Tgt Ion:149 Resp: 510246
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.2
 279 4.4 3.4 5.2





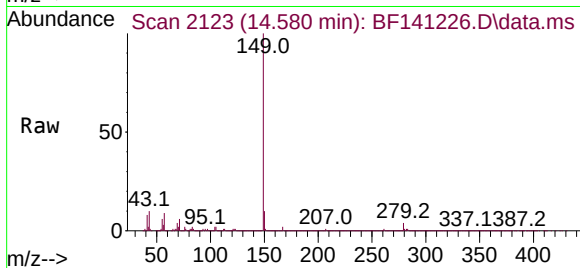
#85
Di-n-octyl phthalate
Concen: 42.150 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

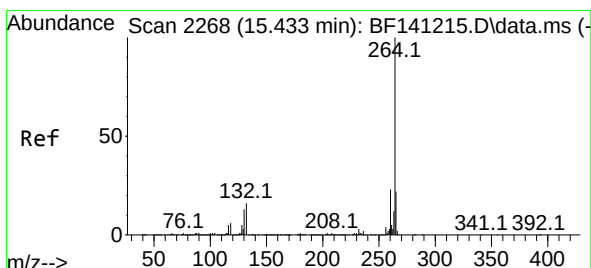
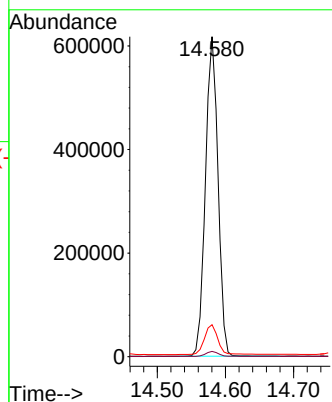
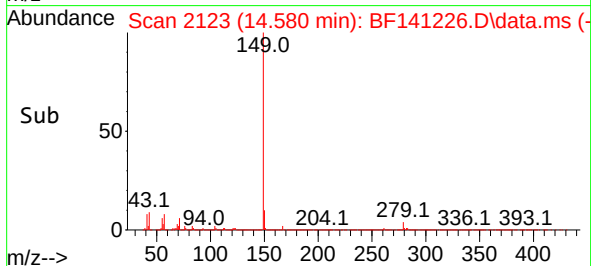


Tgt Ion:149 Resp: 790044
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.4 12.6

Manual Integrations

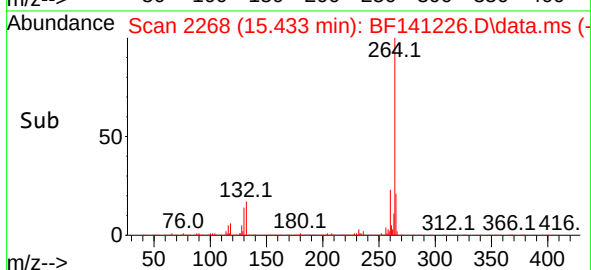
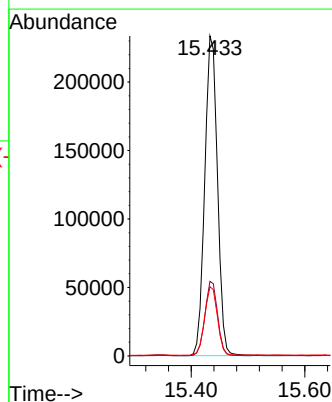
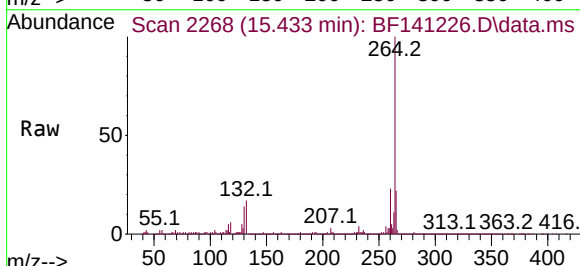
APPROVED

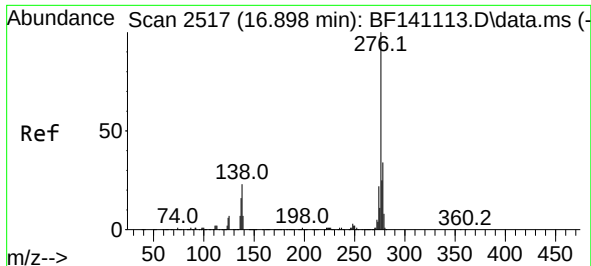
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

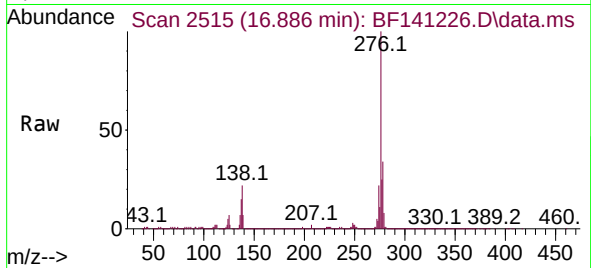
Tgt Ion:264 Resp: 361185
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.718 ng
RT: 16.886 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

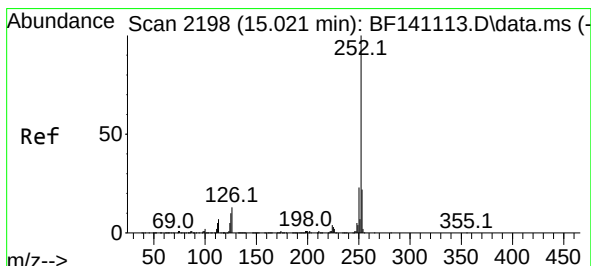
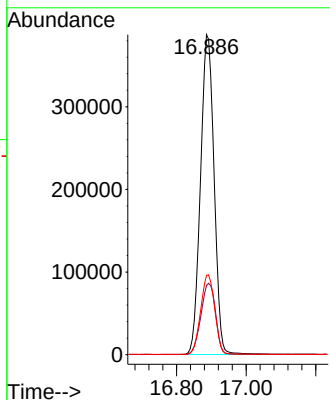
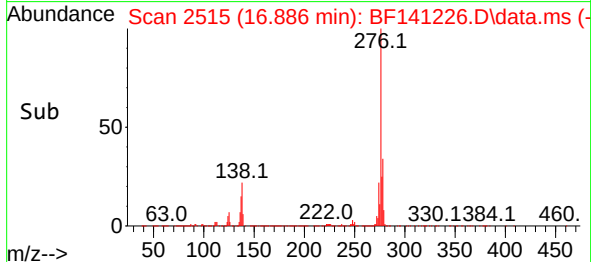
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



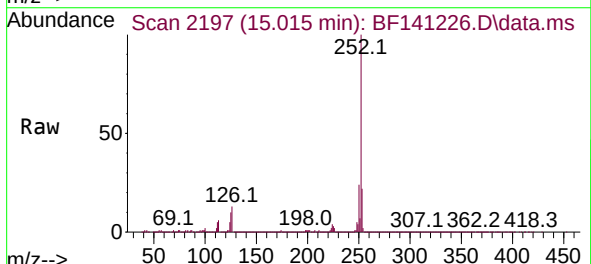
Tgt Ion:276 Resp: 105099
Ion Ratio Lower Upper
276 100
138 23.9 20.7 31.1
277 25.8 20.6 30.8

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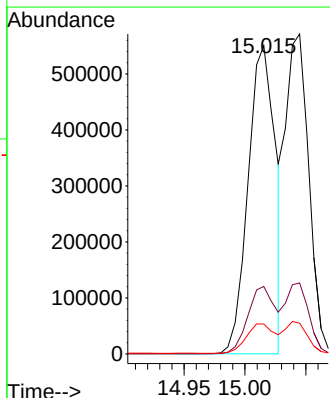
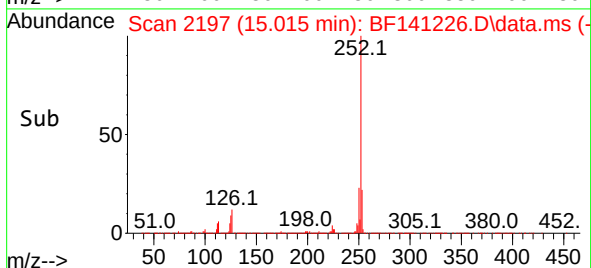
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

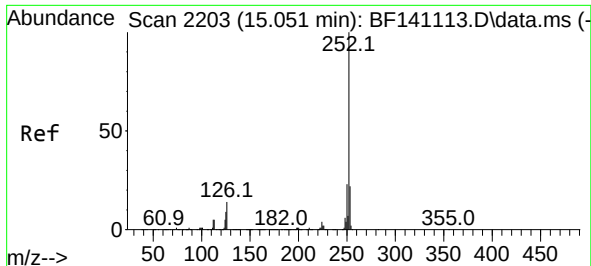


#88
Benzo(b)fluoranthene
Concen: 36.737 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58



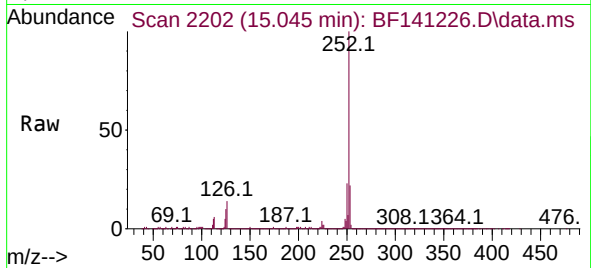
Tgt Ion:252 Resp: 855613
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.7 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 38.834 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

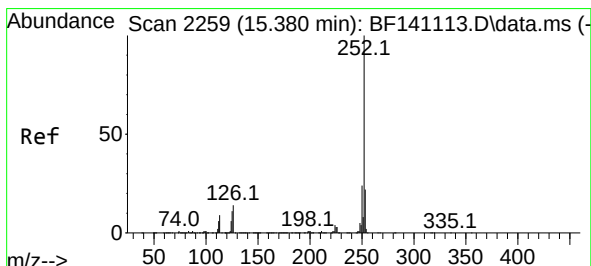
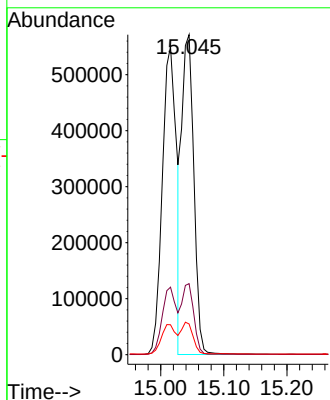
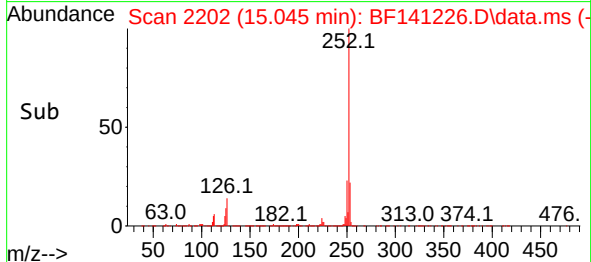
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:252 Resp: 764340
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.6 7.9 11.9

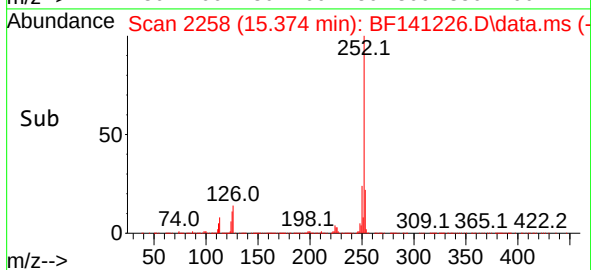
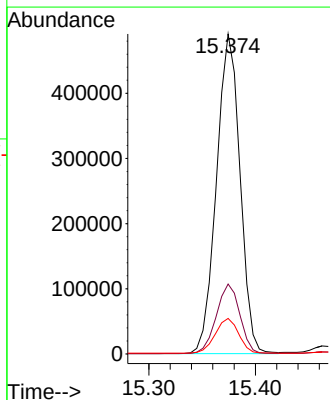
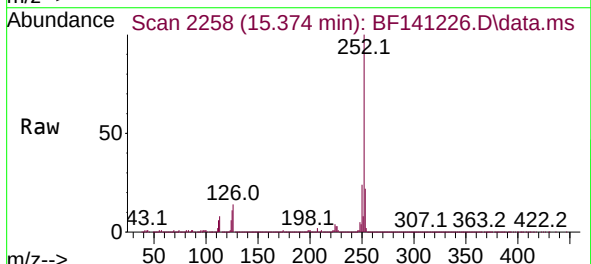
Manual Integrations
APPROVED

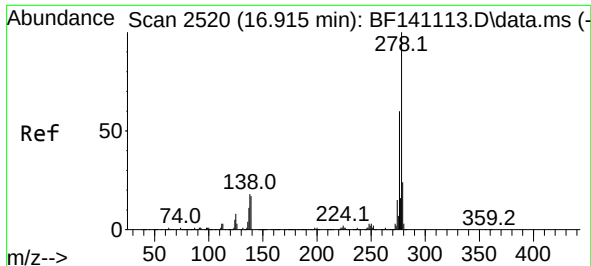
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#90
Benzo(a)pyrene
Concen: 39.100 ng
RT: 15.374 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:252 Resp: 751340
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.1 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 40.120 ng
RT: 16.909 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Instrument :

BNA_F

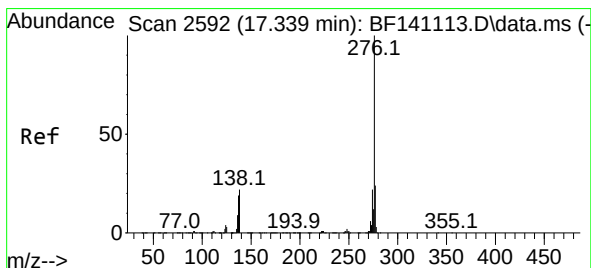
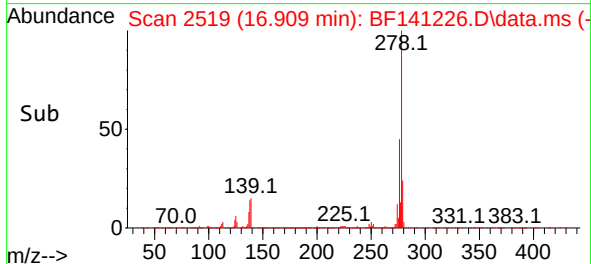
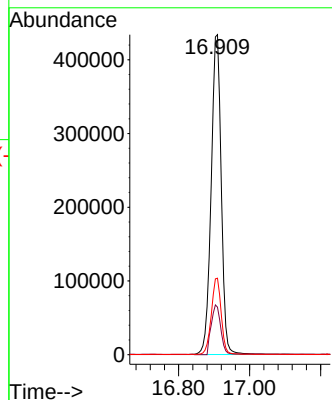
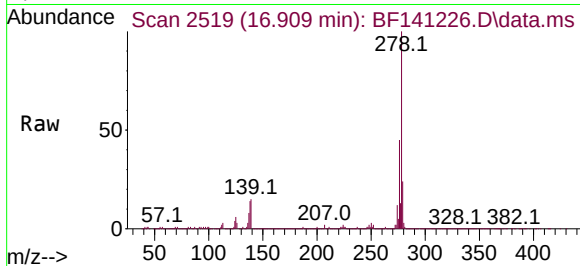
ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 85866
Ion Ratio Lower Upper
278 100
139 14.9 13.8 20.6
279 23.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#92
Benzo(g,h,i)perylene
Concen: 39.913 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.012 min
Lab File: BF141226.D
Acq: 20 Jan 2025 16:58

Tgt Ion:276 Resp: 888516
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 20.2 17.4 26.2

