

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141212.D
 Acq On : 20 Jan 2025 10:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 11:30:02 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	6.810	152	179826	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	695851	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	379338	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	651777	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	435133	20.000	ng	-0.01
86) Perylene-d12	15.439	264	378255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	887765	76.264	ng	-0.01
7) Phenol-d6	6.445	99	1130564	76.672	ng	0.00
23) Nitrobenzene-d5	7.375	82	1035446	78.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	369885	85.576	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1919585	77.274	ng	-0.01
79) Terphenyl-d14	12.922	244	2168767	74.080	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	195619	37.737	ng	98
3) Pyridine	3.257	79	459371	36.137	ng	96
4) n-Nitrosodimethylamine	3.210	42	233464	37.561	ng	97
6) Aniline	6.475	93	431972	32.996	ng	95
8) 2-Chlorophenol	6.598	128	487756	39.055	ng	98
9) Benzaldehyde	6.363	77	397188	45.735	ng	97
10) Phenol	6.457	94	596553	37.794	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	451773	38.405	ng	97
12) 1,3-Dichlorobenzene	6.751	146	551187	39.571	ng	98
13) 1,4-Dichlorobenzene	6.828	146	547534	39.008	ng	100
14) 1,2-Dichlorobenzene	6.981	146	512367	39.132	ng	99
15) Benzyl Alcohol	6.951	79	419104	39.357	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	591272	36.020	ng	95
17) 2-Methylphenol	7.063	107	391980	38.876	ng	99
18) Hexachloroethane	7.322	117	198518	39.109	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	327309	37.682	ng	98
20) 3+4-Methylphenols	7.222	107	490374	38.549	ng	# 80
22) Acetophenone	7.222	105	640268	38.705	ng	95
24) Nitrobenzene	7.398	77	534584	39.074	ng	98
25) Isophorone	7.634	82	883042	39.362	ng	99
26) 2-Nitrophenol	7.710	139	261219	41.973	ng	98
27) 2,4-Dimethylphenol	7.745	122	331024	39.434	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	549992	39.065	ng	100
29) 2,4-Dichlorophenol	7.951	162	405510	40.674	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	454226	39.859	ng	100
31) Naphthalene	8.116	128	1443445	39.335	ng	100
32) Benzoic acid	7.863	122	349410	43.391	ng	98
33) 4-Chloroaniline	8.169	127	442472	34.865	ng	99
34) Hexachlorobutadiene	8.234	225	275485	40.119	ng	99
35) Caprolactam	8.534	113	130913m	40.107	ng	
36) 4-Chloro-3-methylphenol	8.645	107	443278	40.655	ng	100
37) 2-Methylnaphthalene	8.804	142	926865	39.636	ng	100
38) 1-Methylnaphthalene	8.904	142	910731	39.518	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	431864	39.665	ng	100
41) Hexachlorocyclopentadiene	8.957	237	148460	41.678	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	303577	41.342	ng	100

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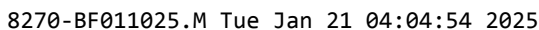
Quant Time: Jan 20 11:30:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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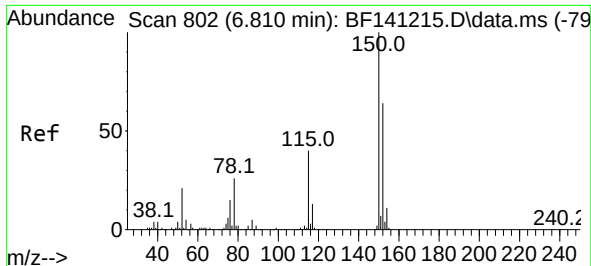
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	309532	39.913	ng	98
46) 1,1'-Biphenyl	9.269	154	1147801	38.962	ng	99
47) 2-Chloronaphthalene	9.292	162	898296	39.150	ng	100
48) 2-Nitroaniline	9.386	65	269989	39.694	ng	98
49) Acenaphthylene	9.710	152	1284397	39.180	ng	100
50) Dimethylphthalate	9.575	163	1010444	39.677	ng	100
51) 2,6-Dinitrotoluene	9.633	165	238558	40.283	ng	98
52) Acenaphthene	9.881	154	914414	39.925	ng	99
53) 3-Nitroaniline	9.798	138	243673	40.490	ng	97
54) 2,4-Dinitrophenol	9.904	184	130404	46.326	ng	93
55) Dibenzofuran	10.051	168	1219686	39.152	ng	99
56) 4-Nitrophenol	9.957	139	198979	42.217	ng	99
57) 2,4-Dinitrotoluene	10.033	165	320306	41.969	ng	98
58) Fluorene	10.398	166	955100	39.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	264691	41.061	ng	99
60) Diethylphthalate	10.269	149	991777	39.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	470770	39.909	ng	100
62) 4-Nitroaniline	10.416	138	249961	42.436	ng	99
63) Azobenzene	10.551	77	946738	38.592	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	182578	48.341	ng	94
66) n-Nitrosodiphenylamine	10.510	169	830832	39.521	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	307567	40.988	ng	98
68) Hexachlorobenzene	10.945	284	350408	41.949	ng	97
69) Atrazine	11.033	200	259196	45.790	ng	99
70) Pentachlorophenol	11.139	266	230220	43.036	ng	99
71) Phenanthrene	11.357	178	1401546	40.054	ng	99
72) Anthracene	11.410	178	1386401	40.747	ng	100
73) Carbazole	11.563	167	1288279	41.294	ng	100
74) Di-n-butylphthalate	11.898	149	1507420	42.220	ng	100
75) Fluoranthene	12.545	202	1506192	43.134	ng	99
77) Benzidine	12.669	184	226849	28.113	ng	100
78) Pyrene	12.774	202	1510983	36.356	ng	99
80) Butylbenzylphthalate	13.398	149	575326	41.520	ng	98
81) Benzo(a)anthracene	13.963	228	1133698	38.283	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	328537	34.842	ng	99
83) Chrysene	14.004	228	1014991	36.630	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	690140	41.510	ng	100
85) Di-n-octyl phthalate	14.586	149	998346	39.765	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1035784	37.377	ng	98
88) Benzo(b)fluoranthene	15.015	252	1010647	41.435	ng	99
89) Benzo(k)fluoranthene	15.045	252	820048	39.784	ng	100
90) Benzo(a)pyrene	15.380	252	809044	40.203	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	844969	37.699	ng	98
92) Benzo(g,h,i)perylene	17.327	276	857662	36.788	ng	99

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

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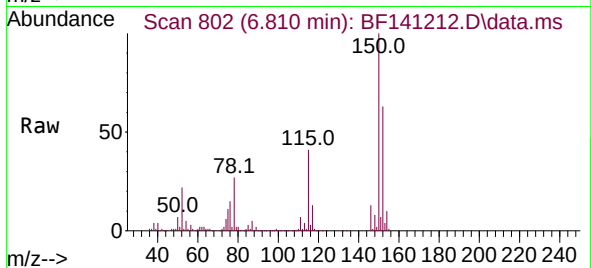
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

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SSTDCCC040

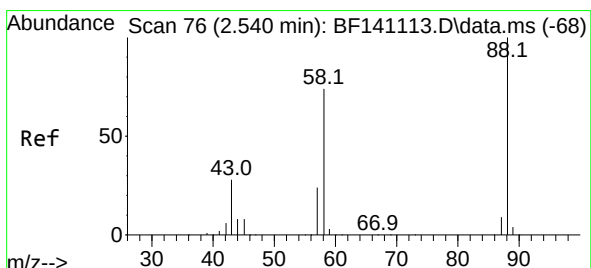
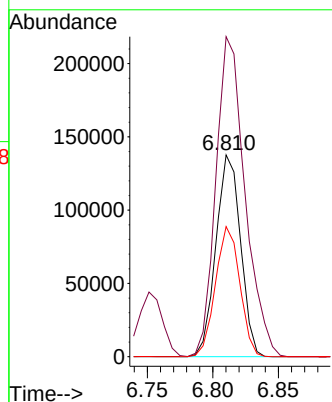
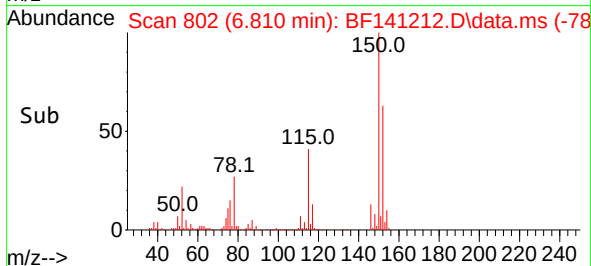


Tgt Ion:152 Resp: 179820
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.8
115 64.4 51.4 77.2

Manual Integrations

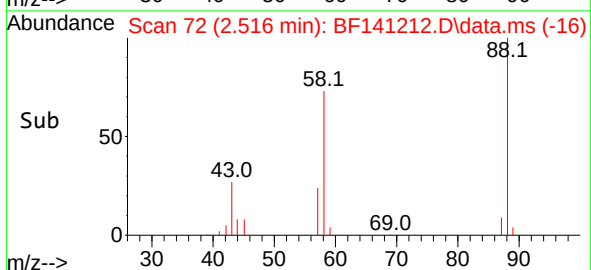
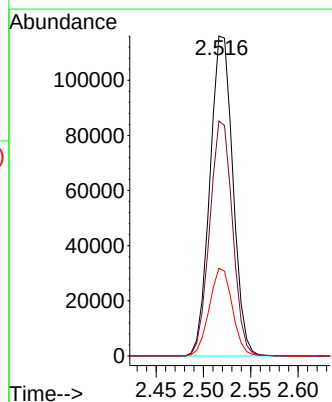
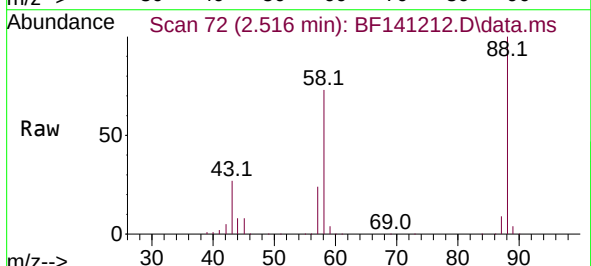
APPROVED

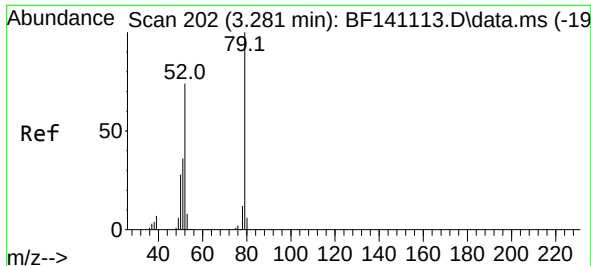
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#2
1,4-Dioxane
Concen: 37.737 ng
RT: 2.516 min Scan# 72
Delta R.T. -0.024 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion: 88 Resp: 195619
Ion Ratio Lower Upper
88 100
58 73.0 60.1 90.1
43 27.8 23.1 34.7





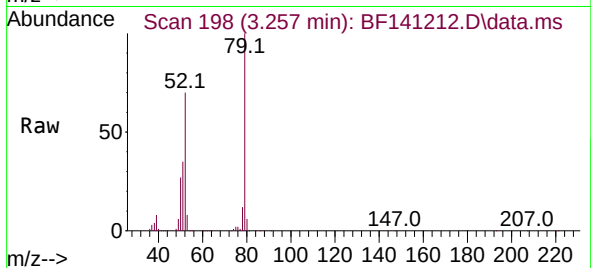
#3
Pyridine
Concen: 36.137 ng
RT: 3.257 min Scan# 198
Delta R.T. -0.024 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

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ClientSampleId :

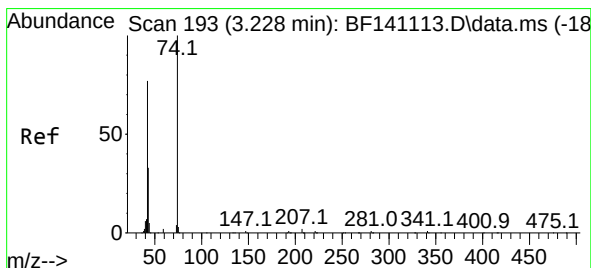
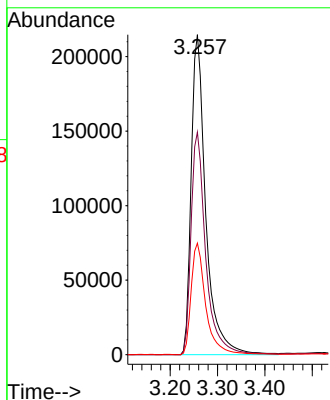
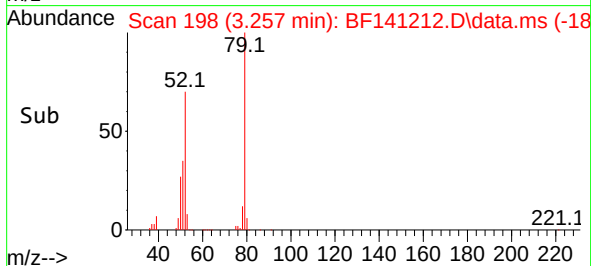
SSTDCCC040



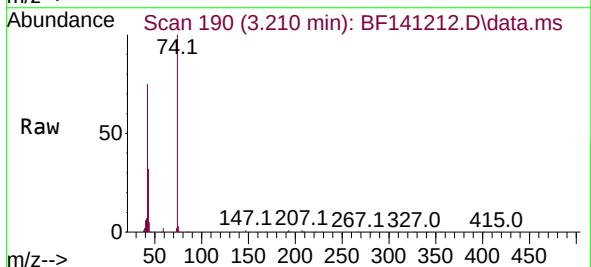
Tgt Ion: 79 Resp: 45937
Ion Ratio Lower Upper
79 100
52 69.5 58.9 88.3
51 34.8 29.1 43.7

Manual Integrations
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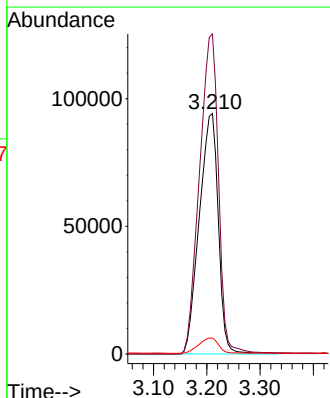
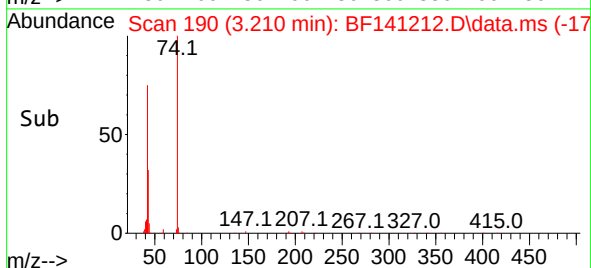
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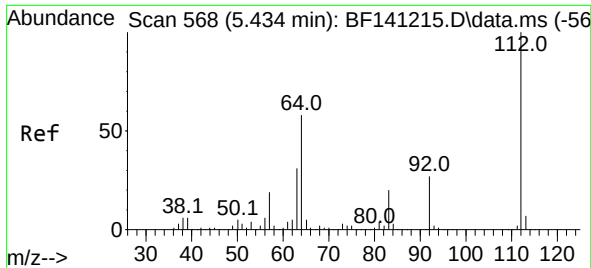


#4
n-Nitrosodimethylamine
Concen: 37.561 ng
RT: 3.210 min Scan# 190
Delta R.T. -0.018 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion: 42 Resp: 233464
Ion Ratio Lower Upper
42 100
74 133.1 103.8 155.6
44 6.6 5.3 7.9





#5
2-Fluorophenol
Concen: 76.264 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

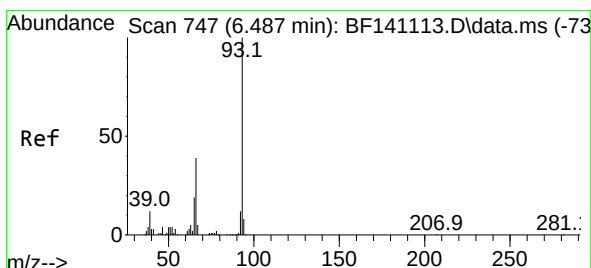
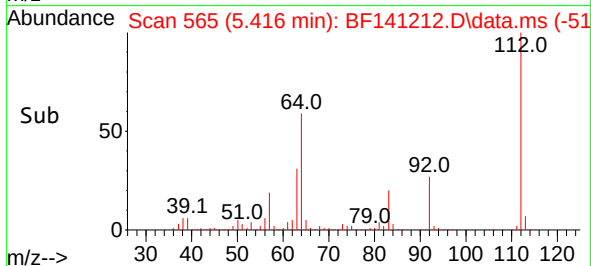
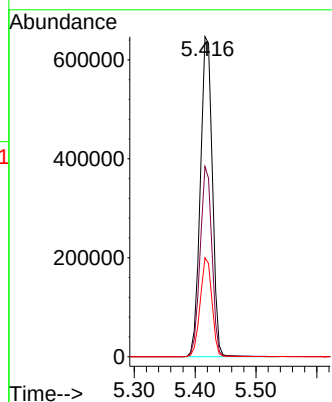
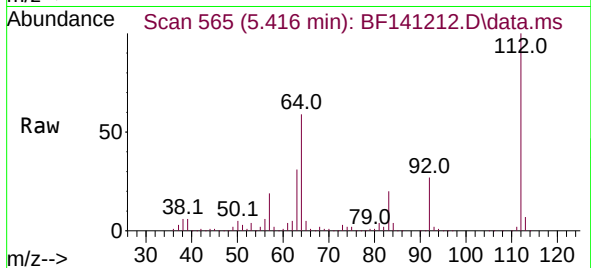
ClientSampleId :

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Tgt Ion:112 Resp: 88776
Ion Ratio Lower Upper
112 100
64 59.4 47.3 70.9
63 30.9 24.2 36.2

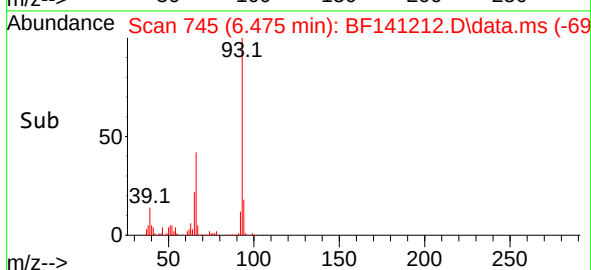
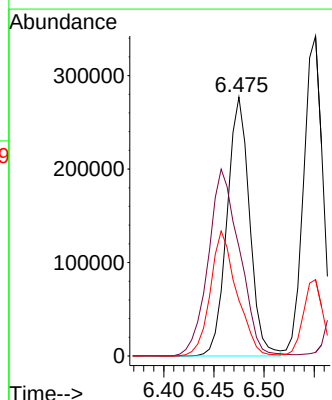
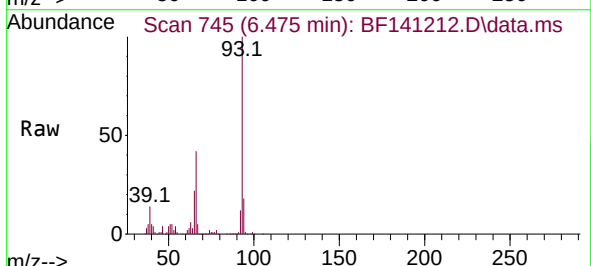
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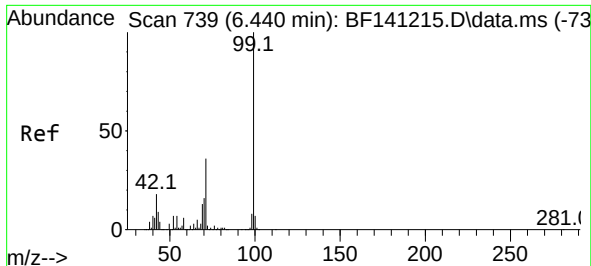
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#6
Aniline
Concen: 32.996 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141212.D
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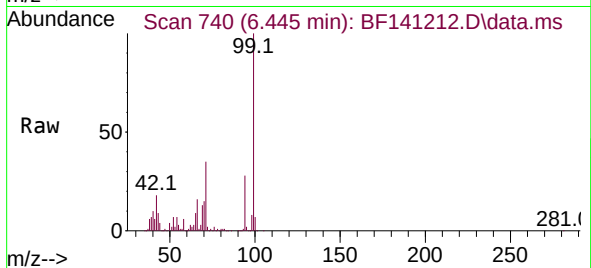
Tgt Ion: 93 Resp: 431972
Ion Ratio Lower Upper
93 100
66 42.2 31.5 47.3
65 21.5 15.3 22.9





#7
Phenol-d6
Concen: 76.672 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

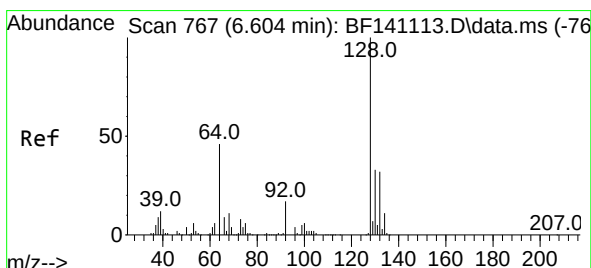
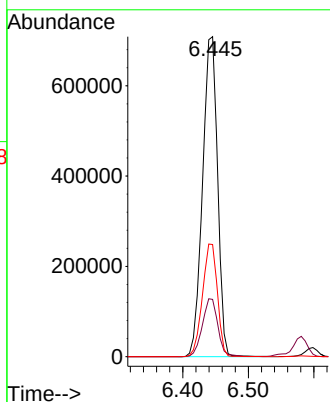
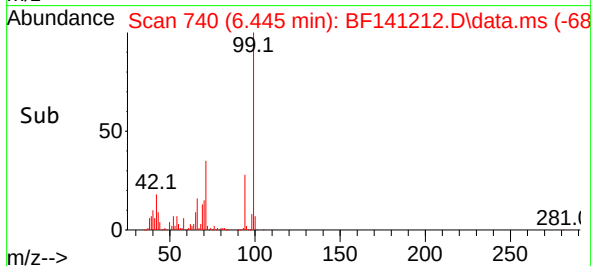
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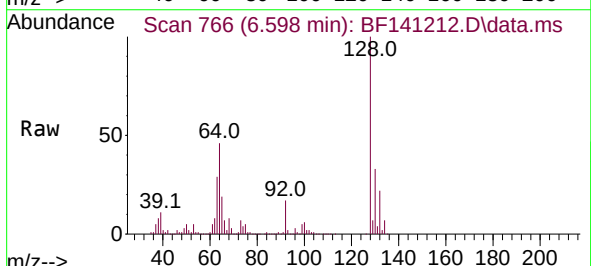
Tgt Ion: 99 Resp: 113056
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 35.0 27.6 41.4

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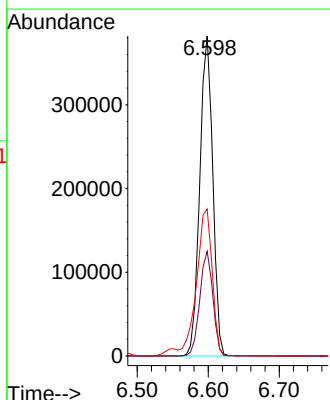
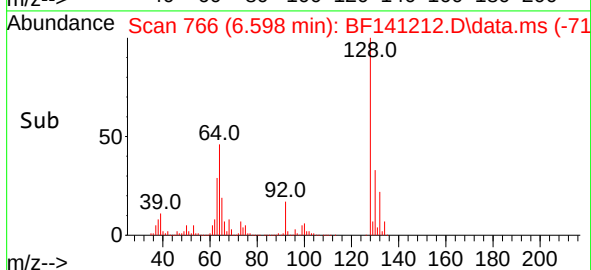
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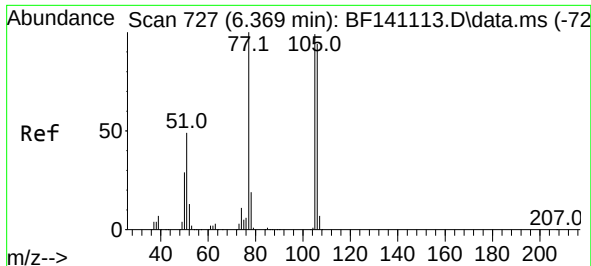


#8
2-Chlorophenol
Concen: 39.055 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



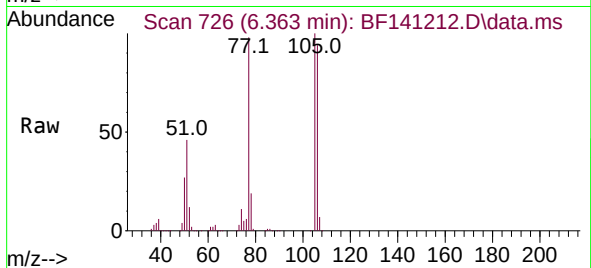
Tgt Ion:128 Resp: 487756
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 46.0 28.3 68.3





#9
Benzaldehyde
Concen: 45.735 ng
RT: 6.363 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF141212.D
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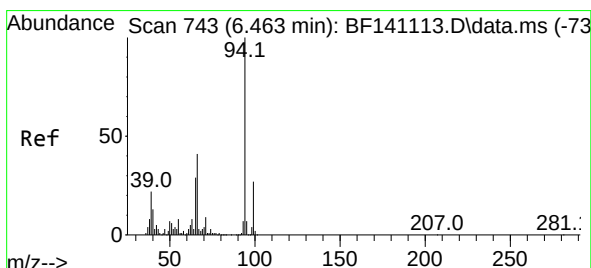
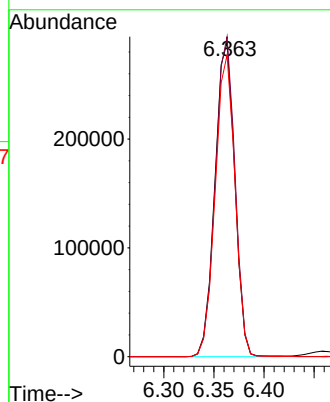
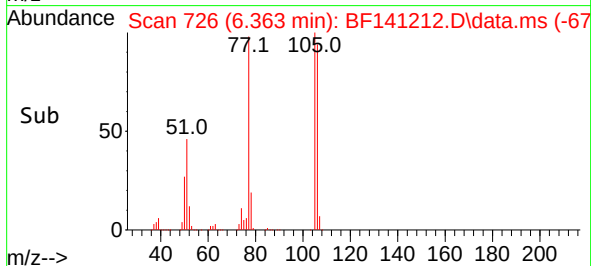
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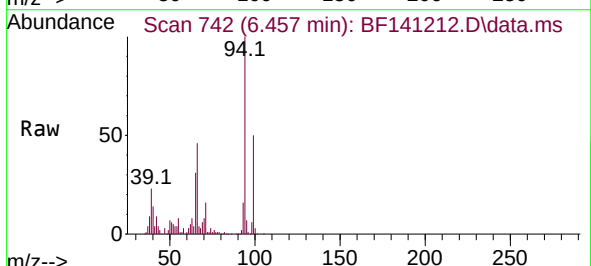
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Ion Ratio Lower Upper
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105 101.8 78.9 118.9
106 96.0 73.6 113.6

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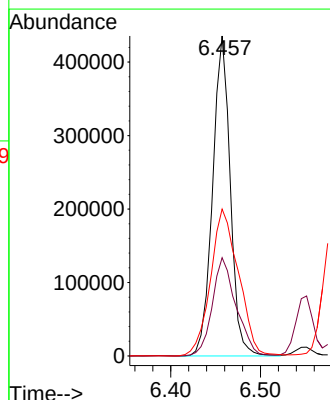
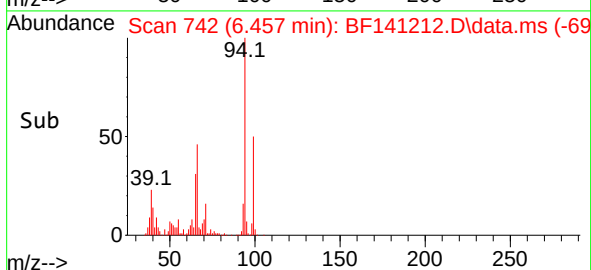
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

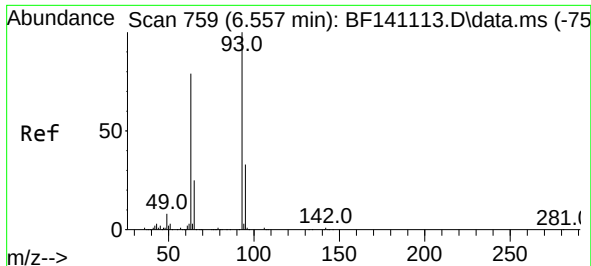


#10
Phenol
Concen: 37.794 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



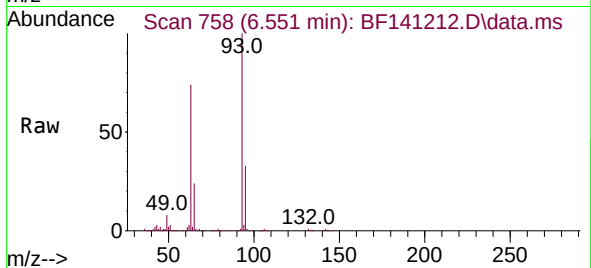
Tgt Ion: 94 Resp: 596553
Ion Ratio Lower Upper
94 100
65 30.7 8.9 48.9
66 45.9 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 38.405 ng
RT: 6.551 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

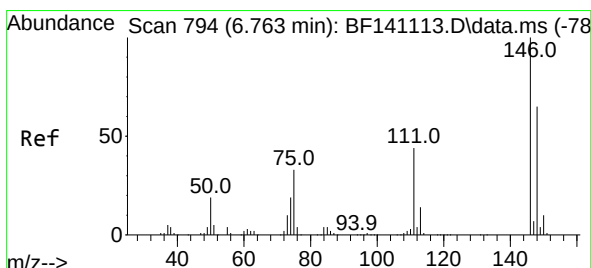
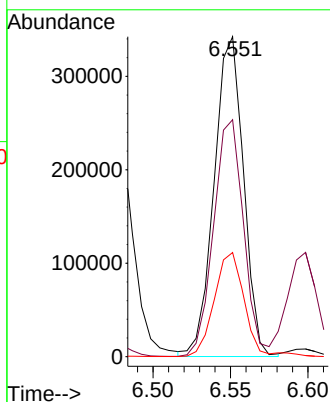
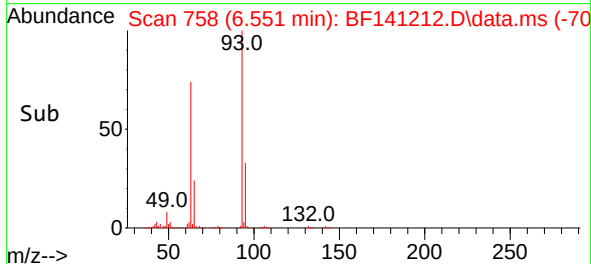
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 45177
Ion Ratio Lower Upper
93 100
63 74.0 58.0 98.0
95 32.6 12.5 52.5

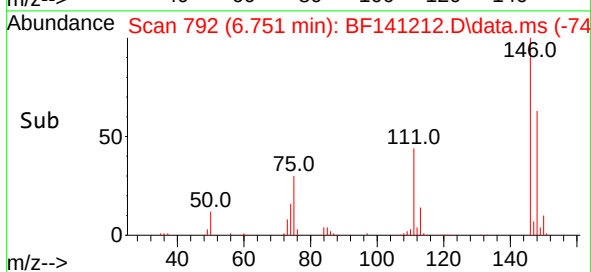
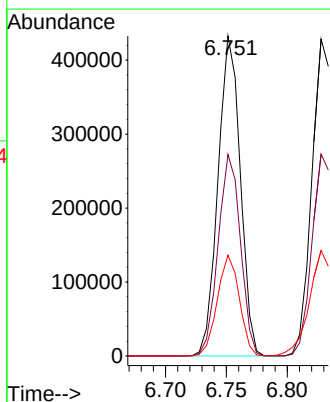
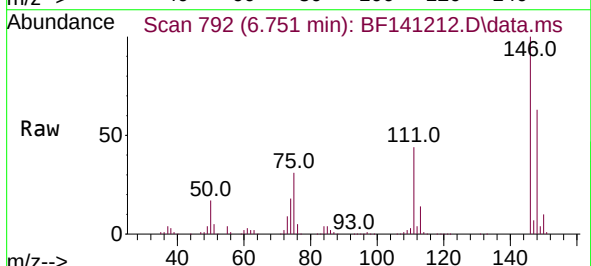
Manual Integrations
APPROVED

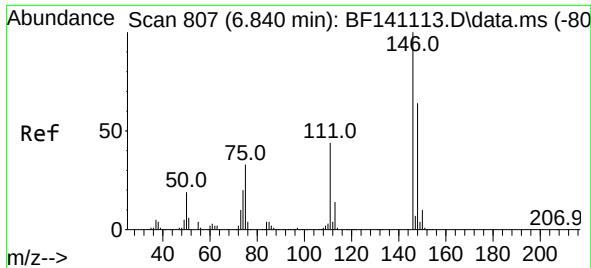
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#12
1,3-Dichlorobenzene
Concen: 39.571 ng
RT: 6.751 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

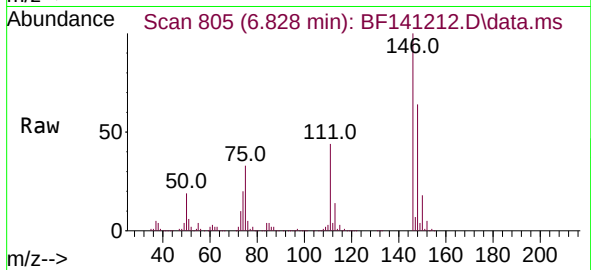
Tgt Ion:146 Resp: 551187
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
75 31.5 26.2 39.2





#13
1,4-Dichlorobenzene
Concen: 39.008 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

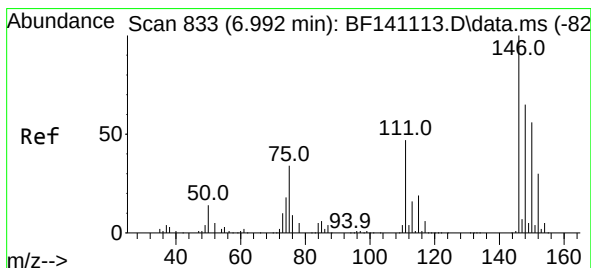
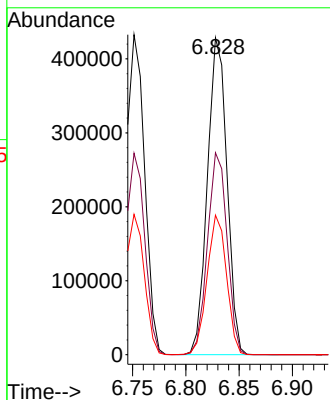
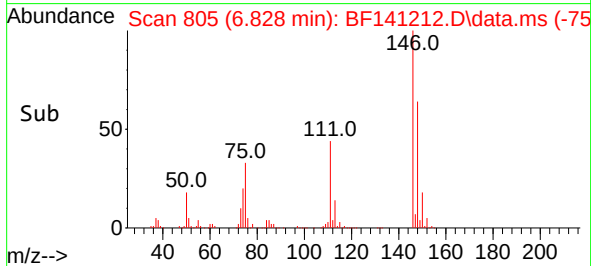
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 547534
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 44.0 34.9 52.3

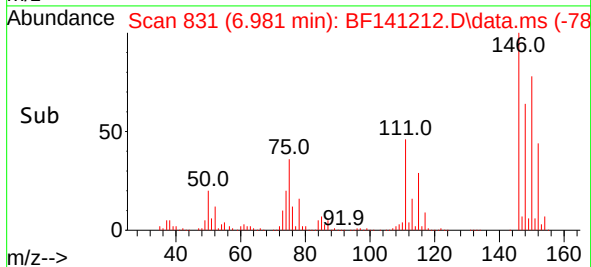
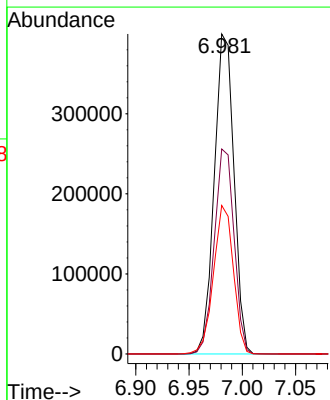
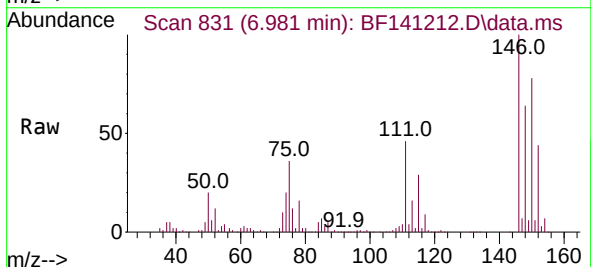
Manual Integrations
APPROVED

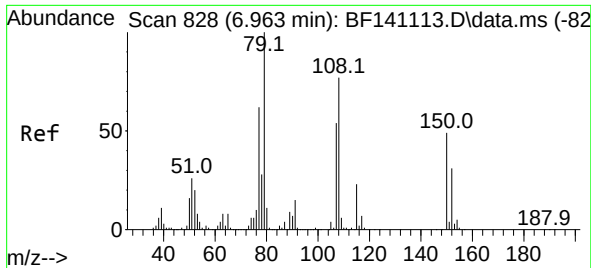
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#14
1,2-Dichlorobenzene
Concen: 39.132 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

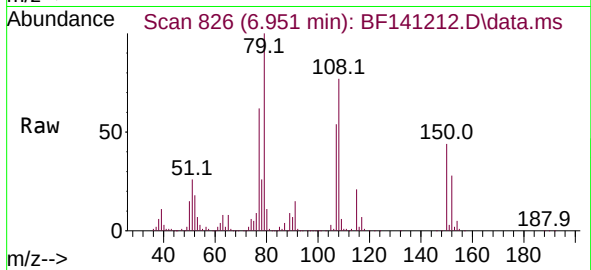
Tgt Ion:146 Resp: 512367
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 46.4 37.5 56.3





#15
Benzyl Alcohol
Concen: 39.357 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

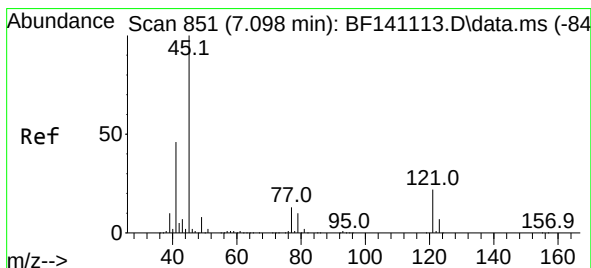
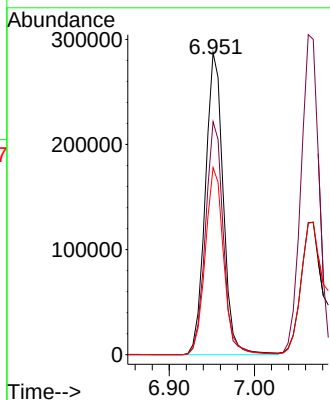
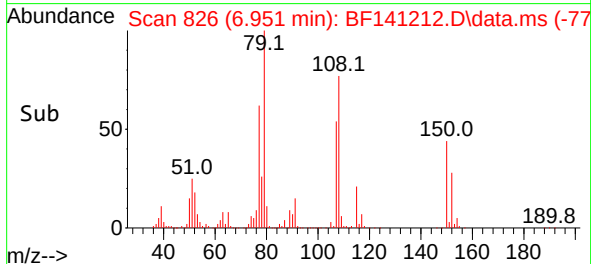
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



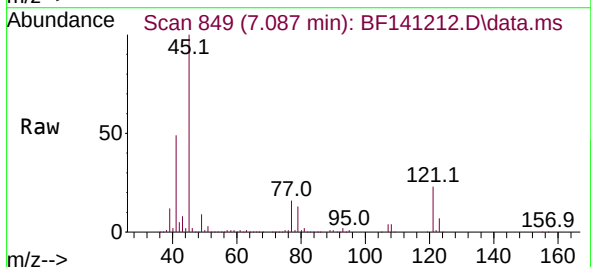
Tgt Ion: 79 Resp: 419104
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.9 49.8 74.6

Manual Integrations
APPROVED

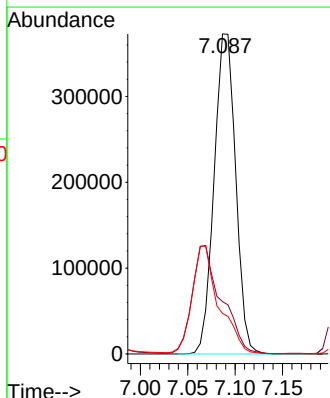
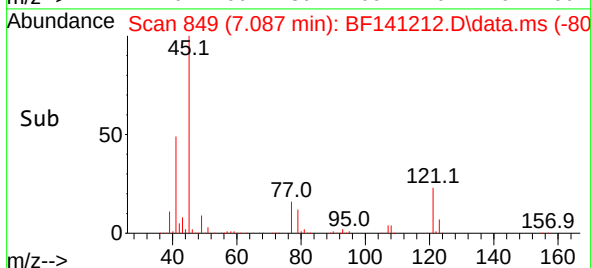
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

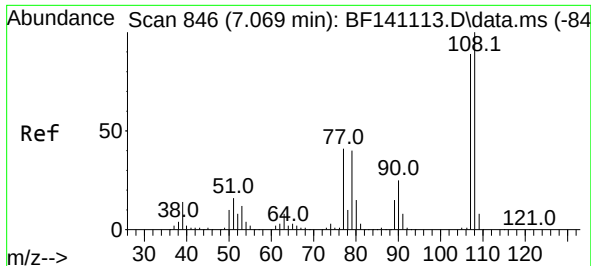


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.020 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion: 45 Resp: 591272
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.1
79 12.6 0.0 31.0





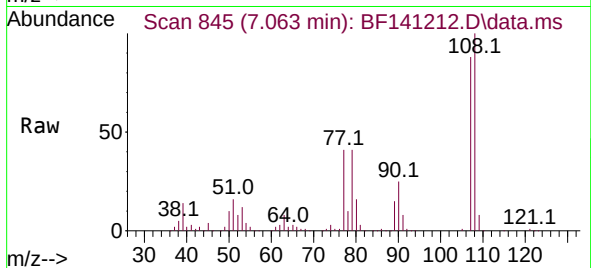
#17
2-Methylphenol
Concen: 38.876 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

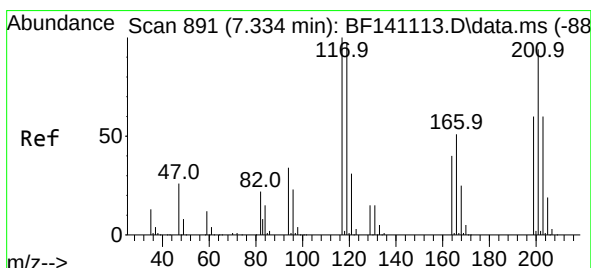
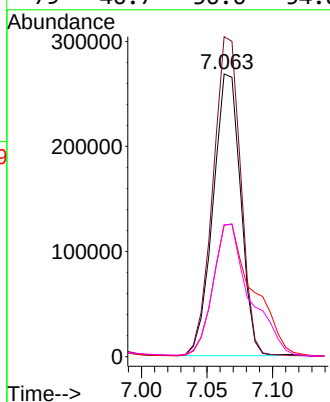
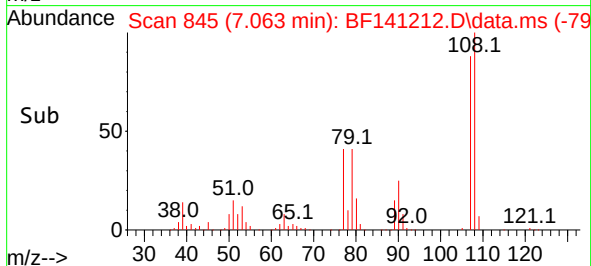


Tgt Ion:107 Resp: 391980
Ion Ratio Lower Upper
107 100
108 113.2 90.1 135.1
77 46.5 36.6 55.0
79 46.7 36.6 54.8

Manual Integrations

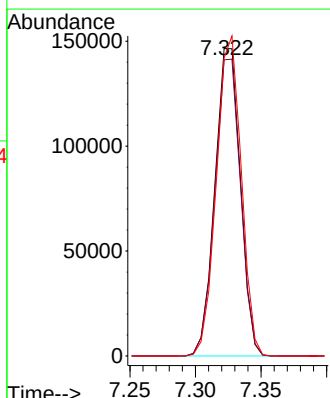
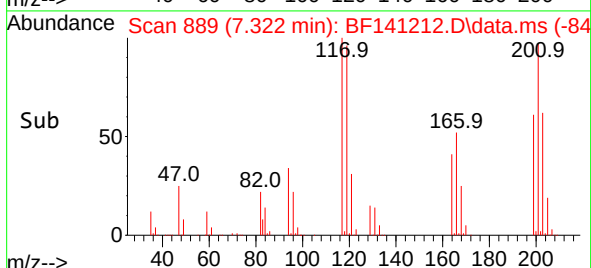
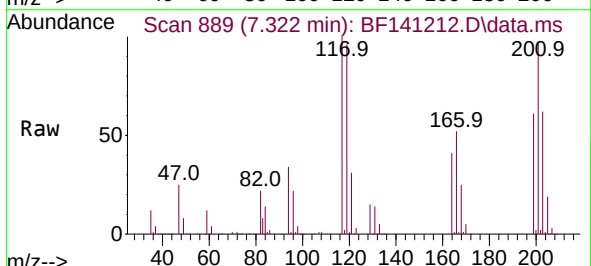
APPROVED

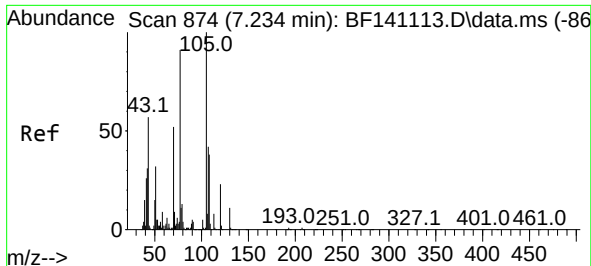
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#18
Hexachloroethane
Concen: 39.109 ng
RT: 7.322 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:117 Resp: 198518
Ion Ratio Lower Upper
117 100
119 96.3 77.6 116.4
201 96.9 75.1 112.7





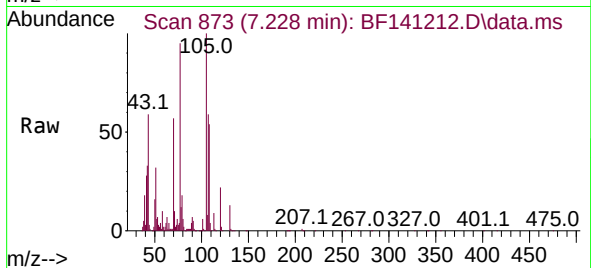
#19
n-Nitroso-di-n-propylamine
Concen: 37.682 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

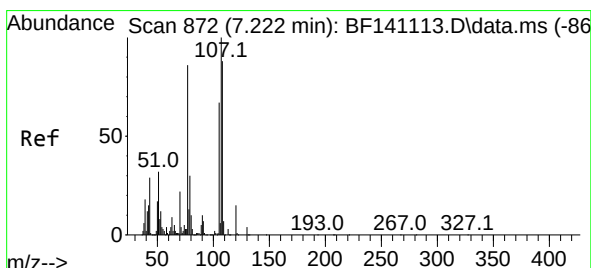
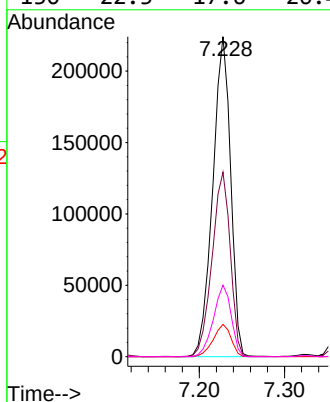
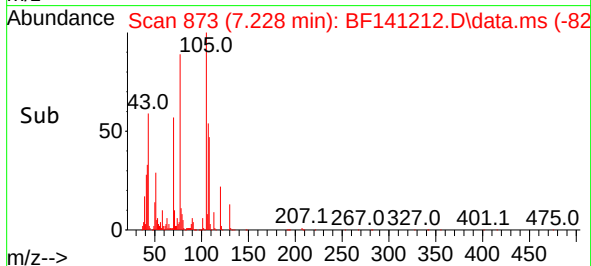


Tgt Ion: 70 Resp: 327309
Ion Ratio Lower Upper
70 100
42 57.6 47.8 71.6
101 10.1 7.9 11.9
130 22.3 17.6 26.4

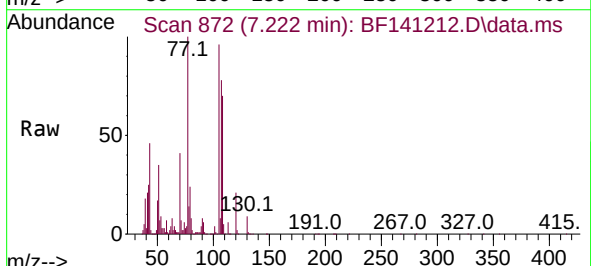
Manual Integrations

APPROVED

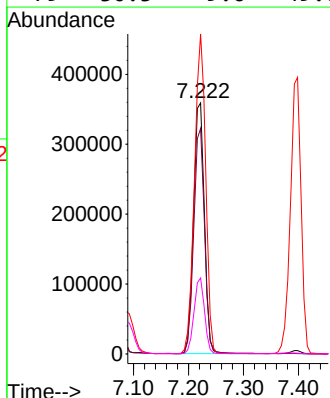
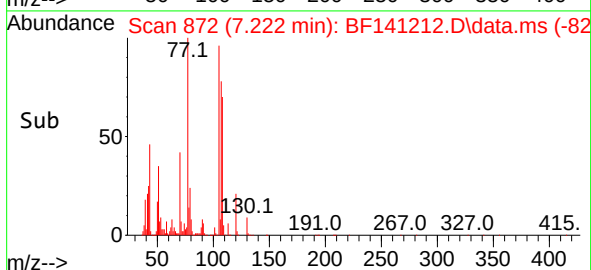
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

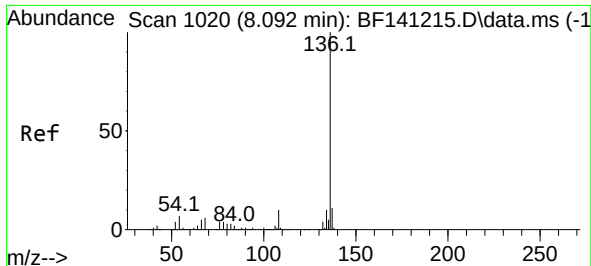


#20
3+4-Methylphenols
Concen: 38.549 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:107 Resp: 490374
Ion Ratio Lower Upper
107 100
108 89.8 68.3 108.3
77 127.5 66.4 106.4#
79 30.3 9.6 49.6





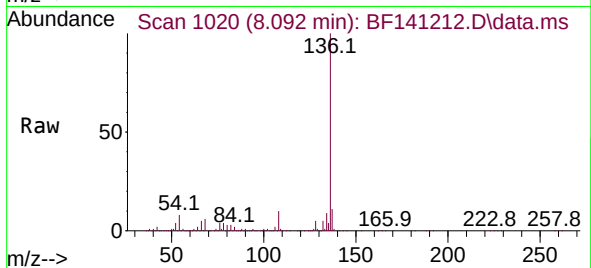
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

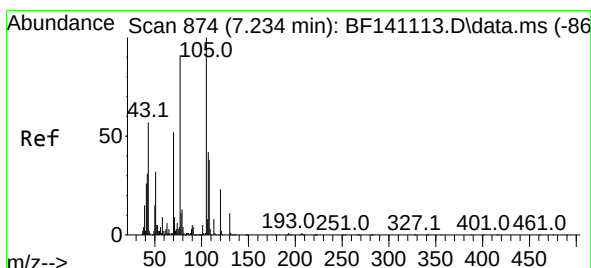
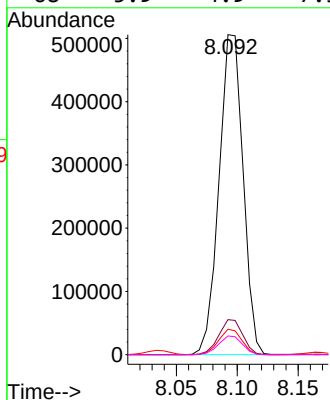
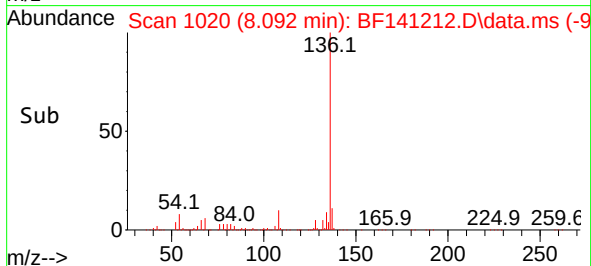


Tgt Ion:136 Resp: 69585
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 5.9 4.9 7.3

Manual Integrations

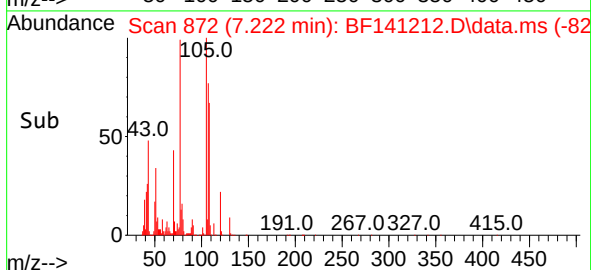
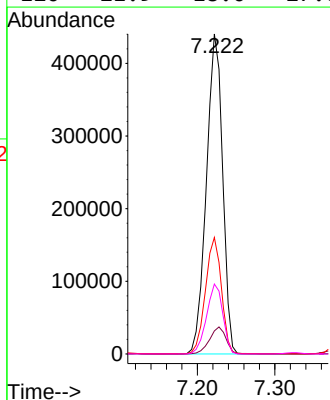
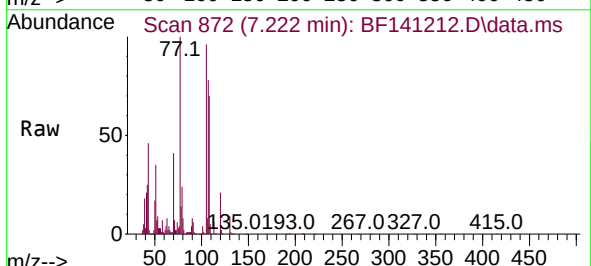
APPROVED

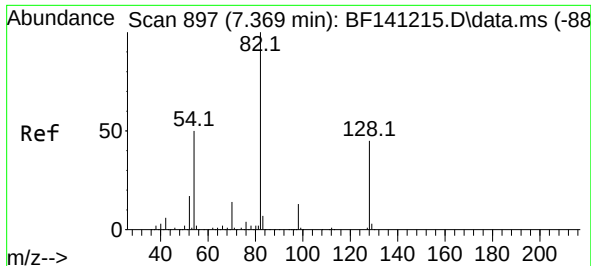
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#22
Acetophenone
Concen: 38.705 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:105 Resp: 640268
Ion Ratio Lower Upper
105 100
71 7.2 7.1 10.7
51 36.4 25.4 38.2
120 21.9 18.0 27.0





#23
Nitrobenzene-d5
Concen: 78.878 ng
RT: 7.375 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

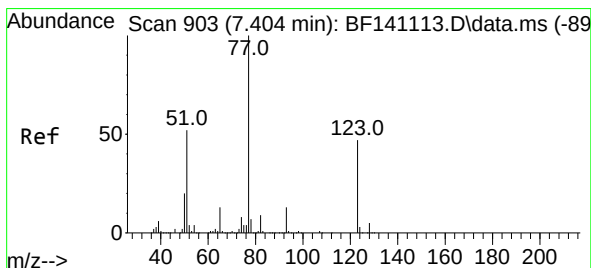
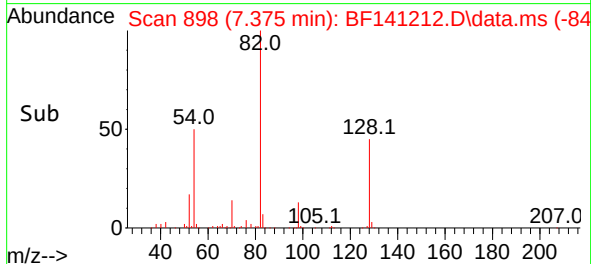
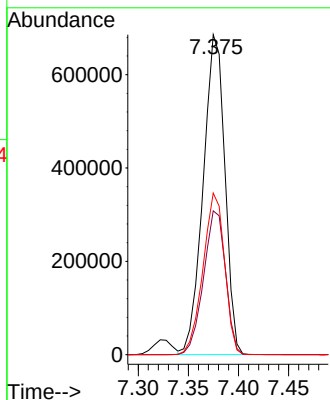
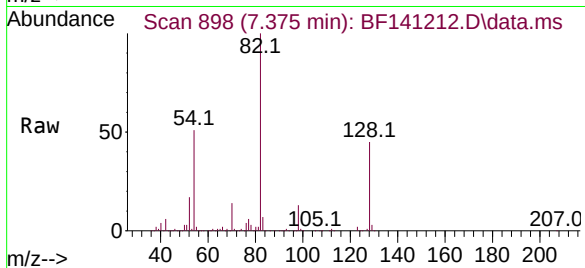
SSTDCCC040

Tgt Ion: 82 Resp: 1035440
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 50.5 41.0 61.4

Manual Integrations

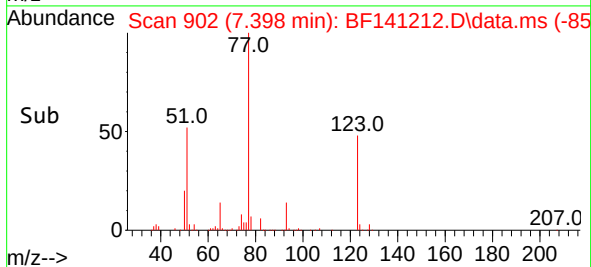
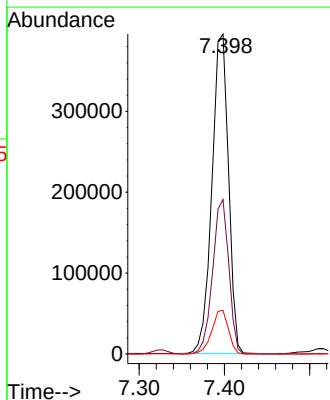
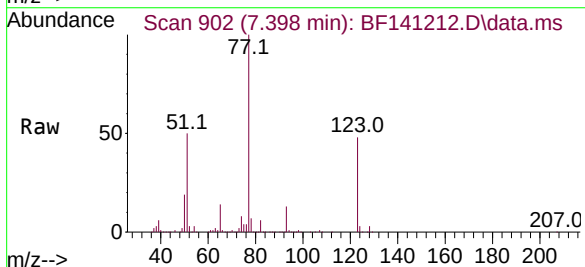
APPROVED

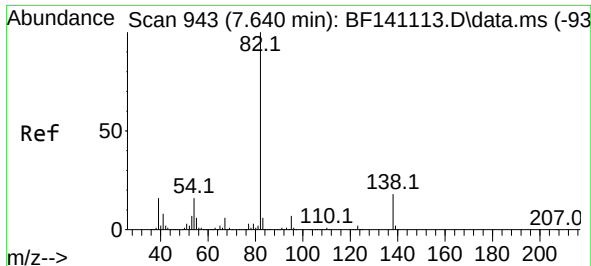
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#24
Nitrobenzene
Concen: 39.074 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

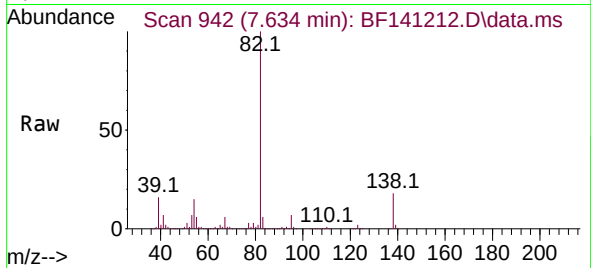
Tgt Ion: 77 Resp: 534584
Ion Ratio Lower Upper
77 100
123 48.2 37.7 56.5
65 13.6 10.6 16.0





#25
Isophorone
Concen: 39.362 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

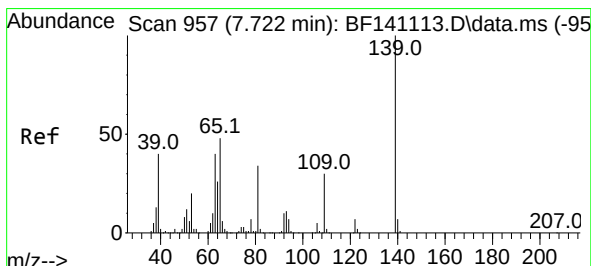
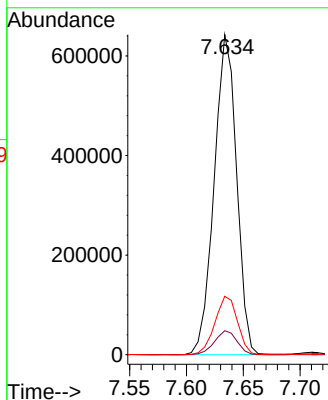
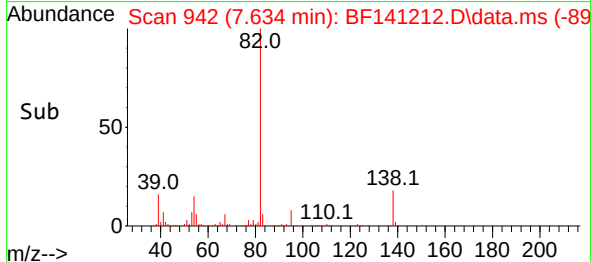
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



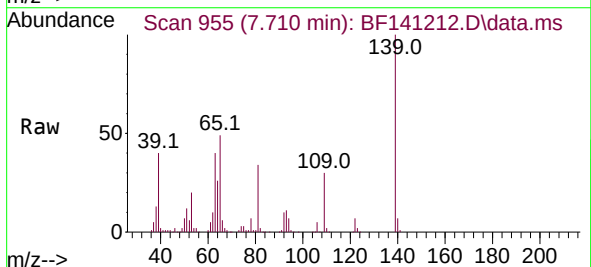
Tgt Ion: 82 Resp: 88304
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.3 14.2 21.2

Manual Integrations
APPROVED

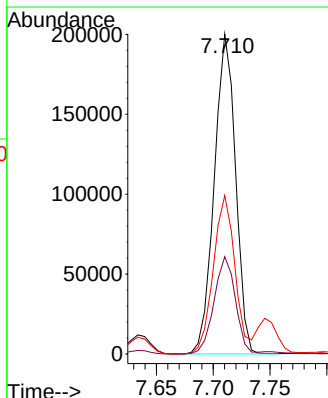
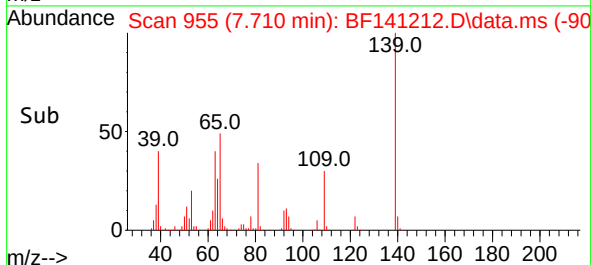
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

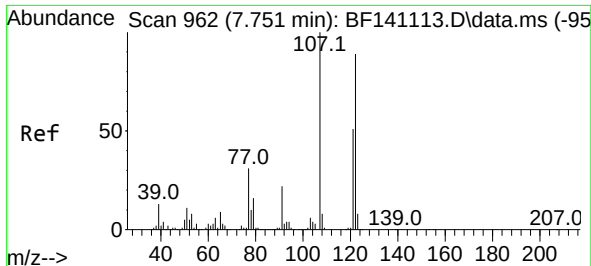


#26
2-Nitrophenol
Concen: 41.973 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:139 Resp: 261219
Ion Ratio Lower Upper
139 100
109 30.4 23.8 35.6
65 49.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 39.434 ng

RT: 7.745 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141212.D

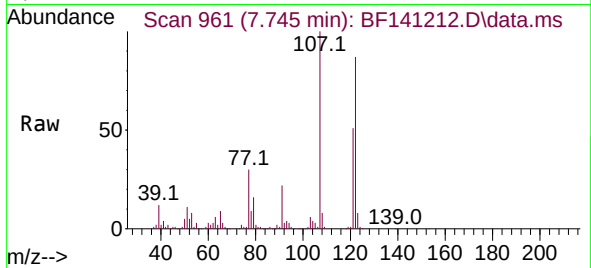
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



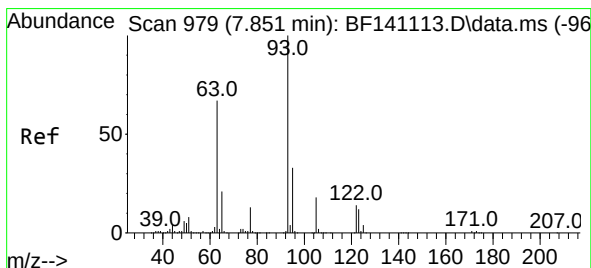
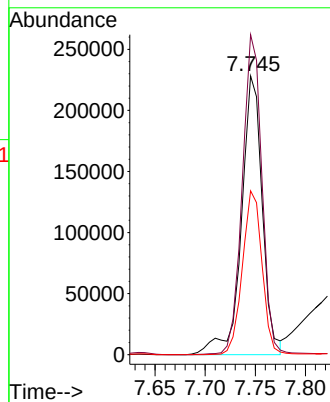
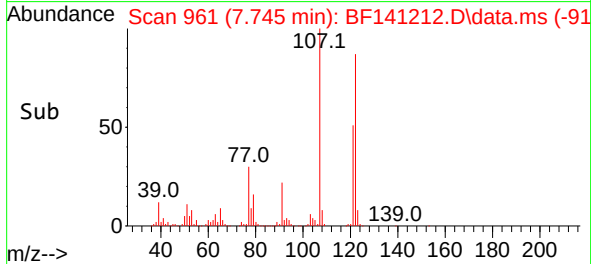
Tgt Ion:	122	Resp:	331024
Ion	Ratio	Lower	Upper
122	100		
107	114.8	90.3	135.5
121	58.8	46.5	69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.065 ng

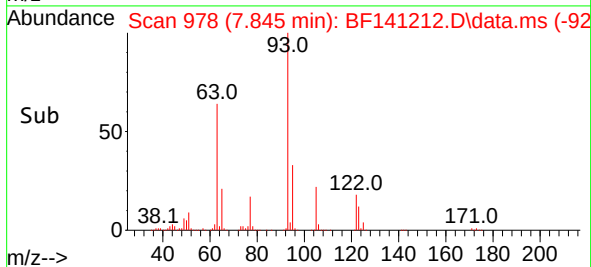
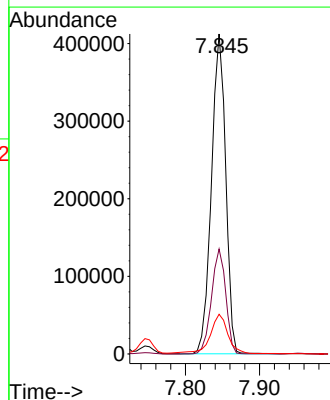
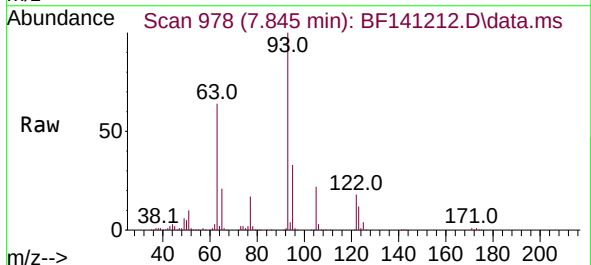
RT: 7.845 min Scan# 978

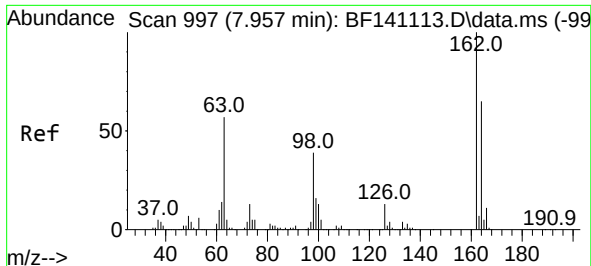
Delta R.T. -0.006 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Tgt Ion:	93	Resp:	549992
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.4	10.1	15.1





#29

2,4-Dichlorophenol

Concen: 40.674 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141212.D

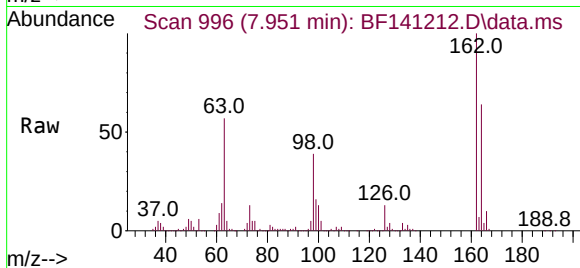
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 405510

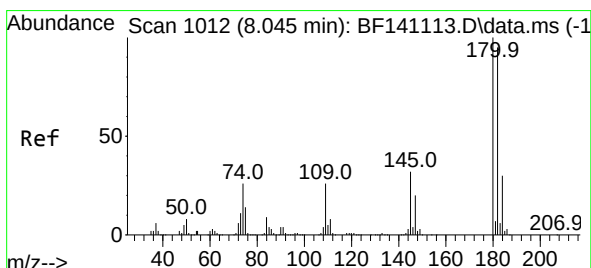
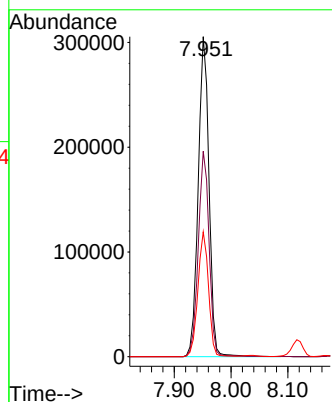
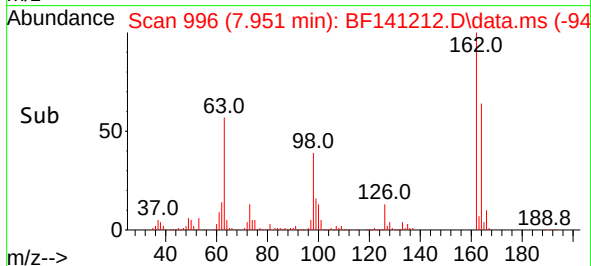
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.5	84.5
98	39.0	18.5	58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#30

1,2,4-Trichlorobenzene

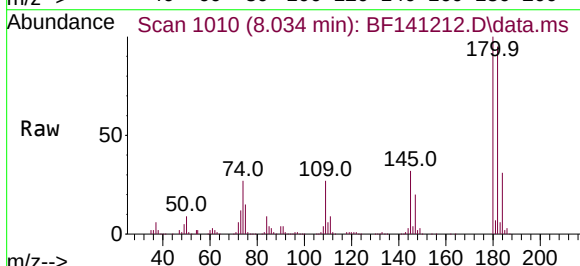
Concen: 39.859 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.012 min

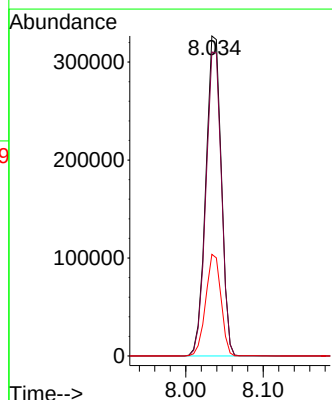
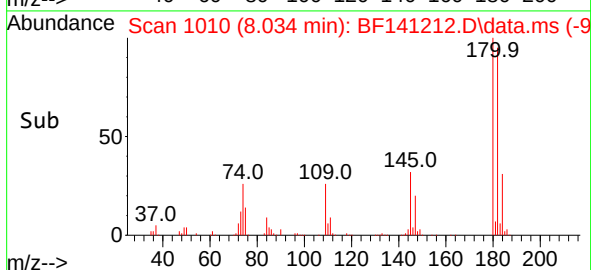
Lab File: BF141212.D

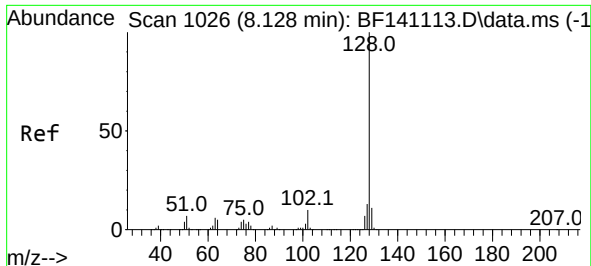
Acq: 20 Jan 2025 10:37



Tgt Ion:180 Resp: 454226

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	31.7	25.3	37.9





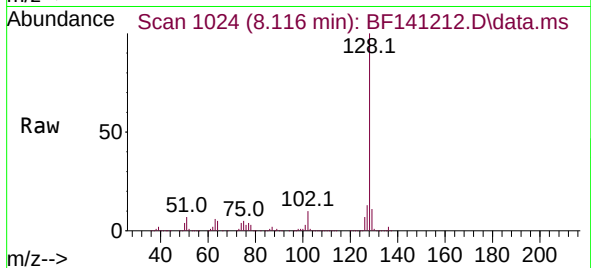
#31
Naphthalene
Concen: 39.335 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



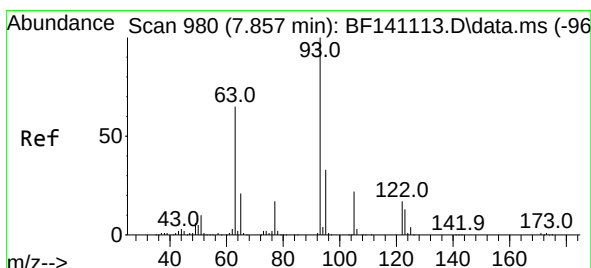
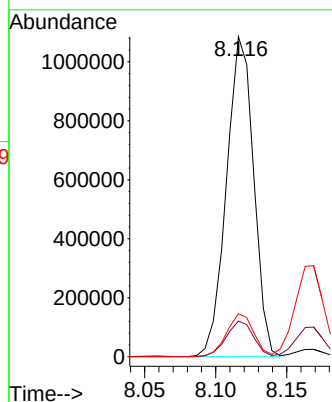
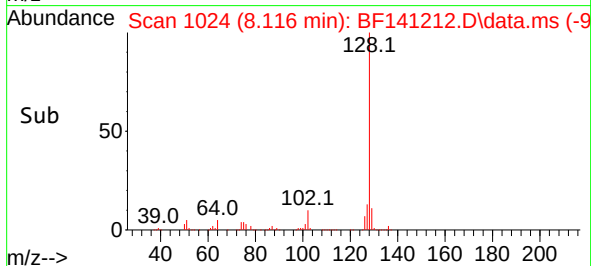
Tgt Ion:128 Resp: 144344
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2

Manual Integrations

APPROVED

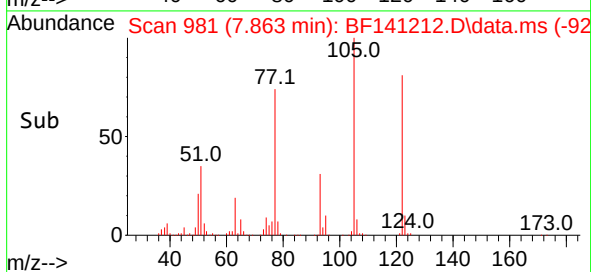
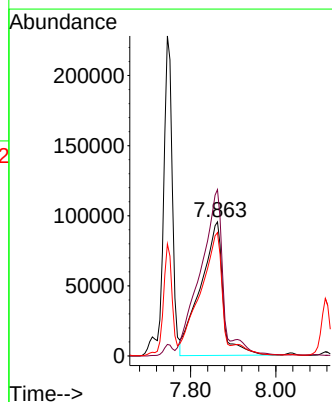
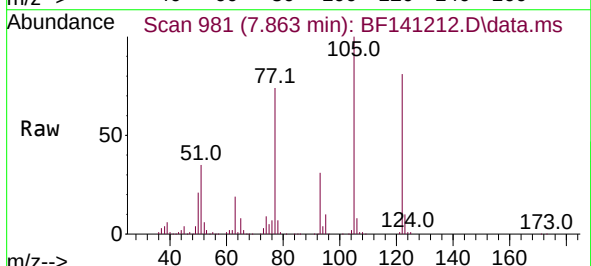
Reviewed By :Yogesh Patel 01/21/2025

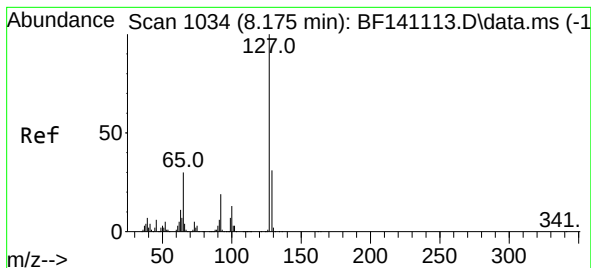
Supervised By :mohammad ahmed 01/21/2025



#32
Benzoic acid
Concen: 43.391 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:122 Resp: 349410
Ion Ratio Lower Upper
122 100
105 124.1 105.5 145.5
77 92.0 75.1 115.1





#33

4-Chloroaniline

Concen: 34.865 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 442472

Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 28.9 23.8 35.8

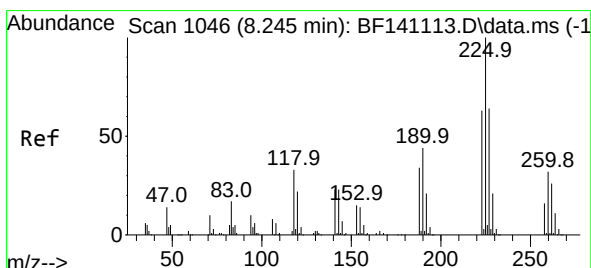
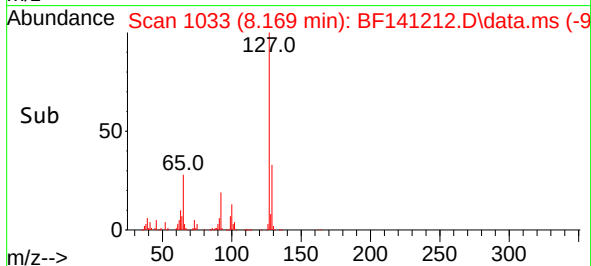
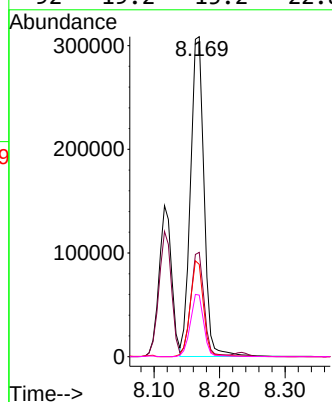
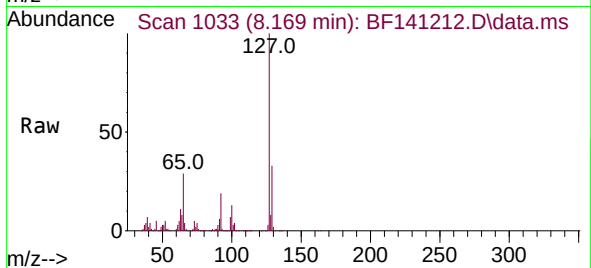
92 19.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#34

Hexachlorobutadiene

Concen: 40.119 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

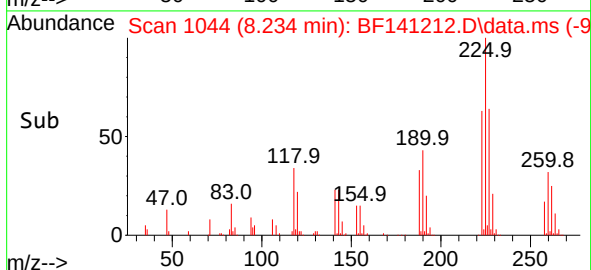
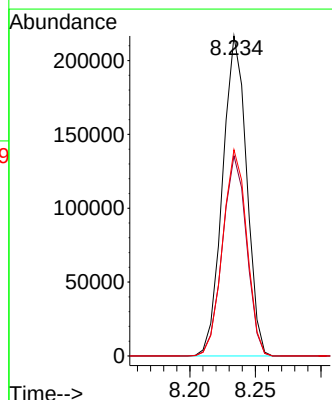
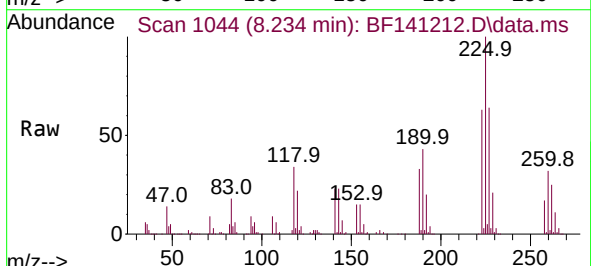
Tgt Ion:225 Resp: 275485

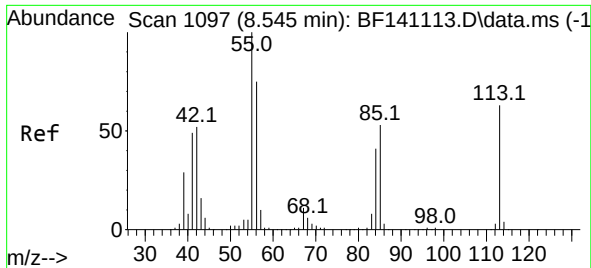
Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

227 64.4 51.6 77.4





#35
 Caprolactam
 Concen: 40.107 ng m
 RT: 8.534 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF141212.D
 Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

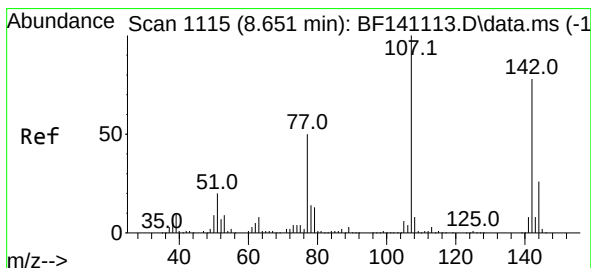
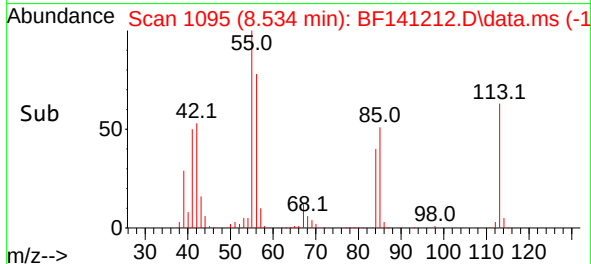
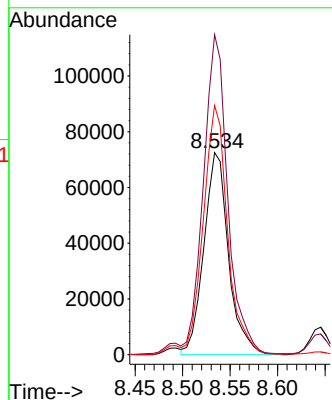
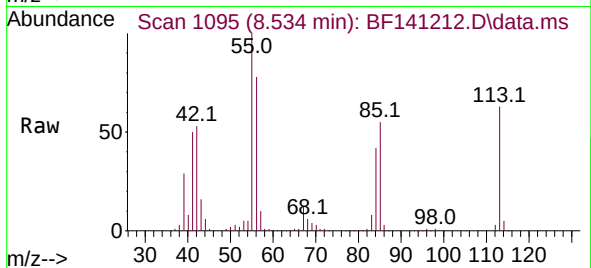
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 13091
 Ion Ratio Lower Upper
 113 100
 55 158.3 139.7 179.7
 56 123.4 99.4 139.4

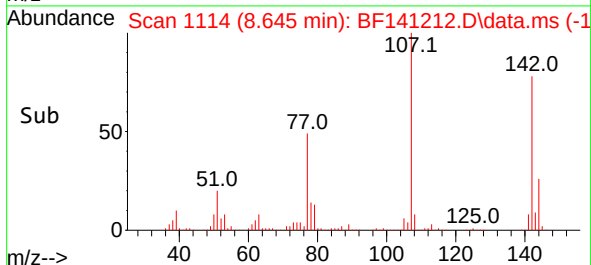
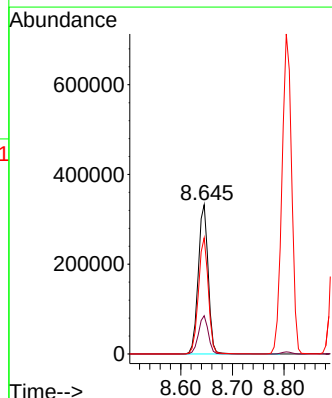
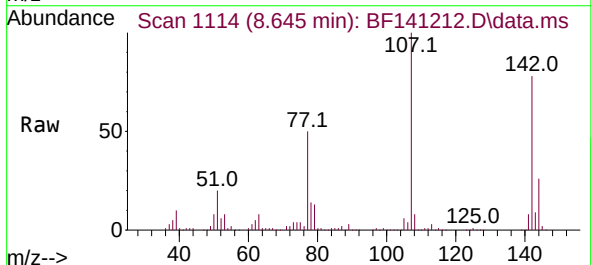
Manual Integrations
 APPROVED

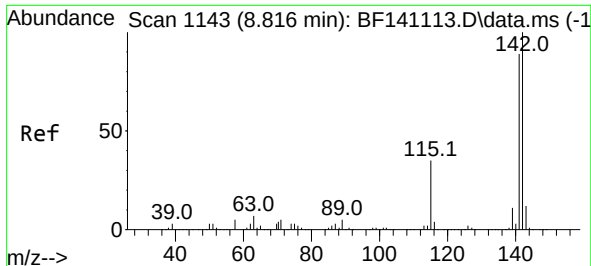
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025



#36
 4-Chloro-3-methylphenol
 Concen: 40.655 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141212.D
 Acq: 20 Jan 2025 10:37

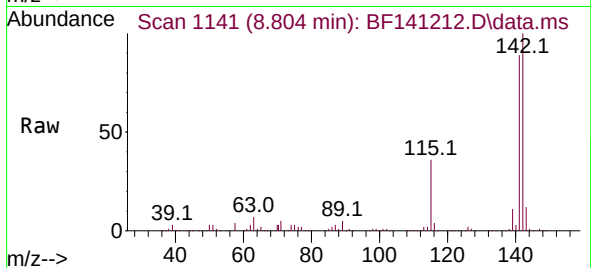
Tgt Ion:107 Resp: 443278
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.4 30.6
 142 77.8 62.2 93.2





#37
2-Methylnaphthalene
Concen: 39.636 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

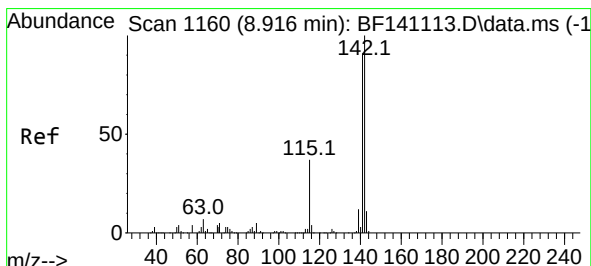
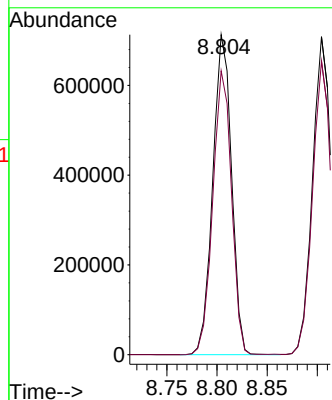
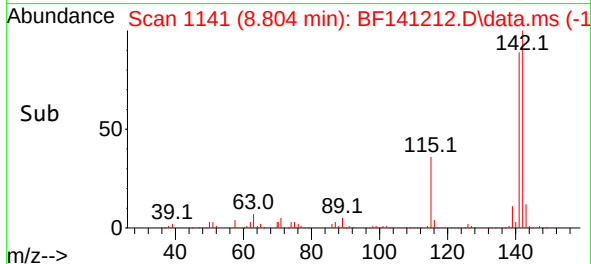
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



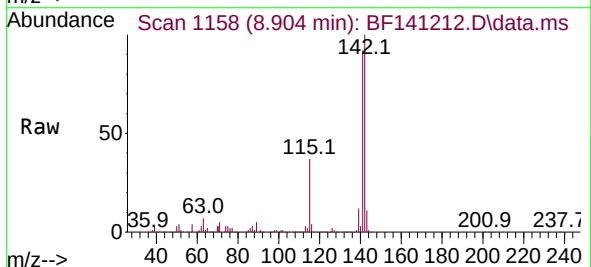
Tgt Ion:142 Resp: 92686
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9

Manual Integrations
APPROVED

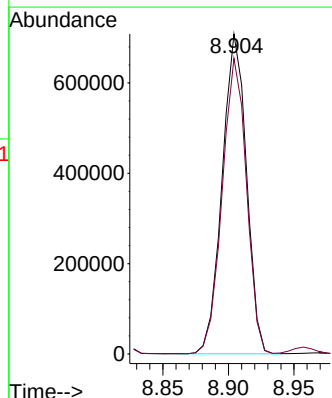
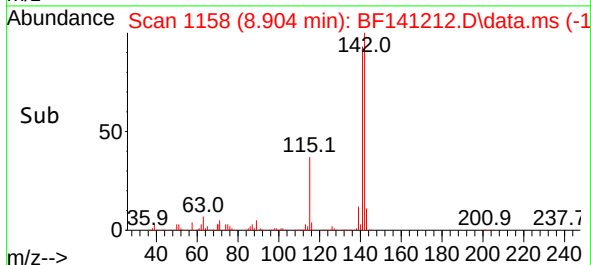
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

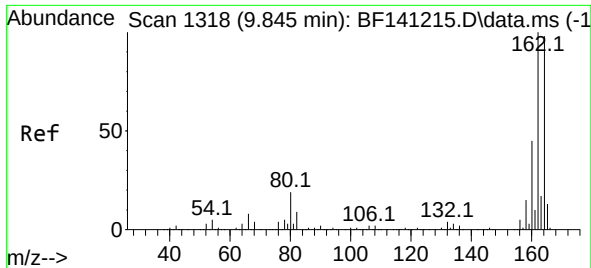


#38
1-Methylnaphthalene
Concen: 39.518 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:142 Resp: 910731
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7





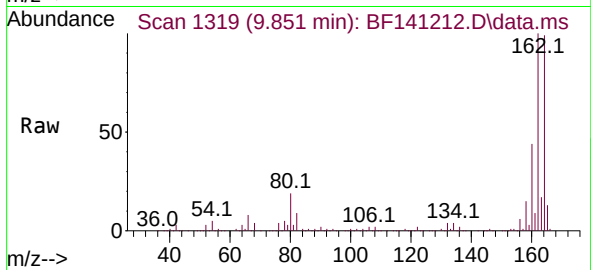
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



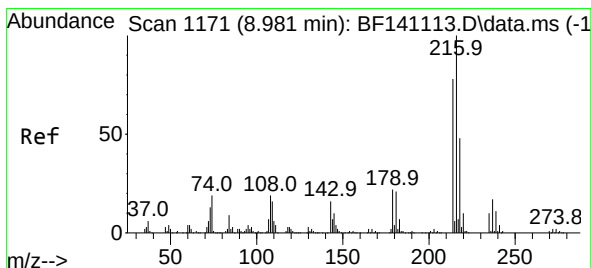
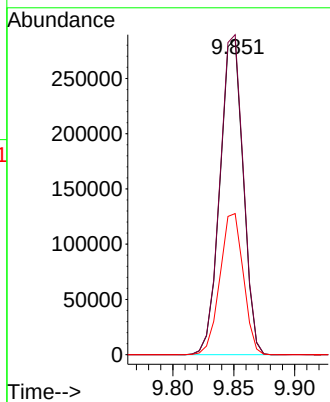
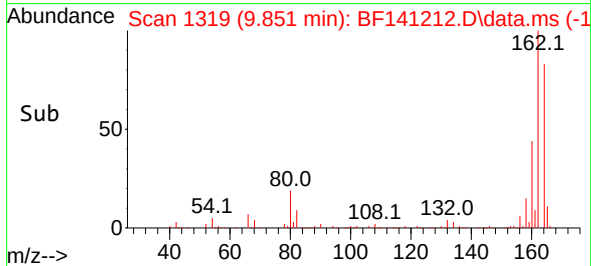
Tgt Ion:164 Resp: 379338
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 44.7 36.1 54.1

Manual Integrations

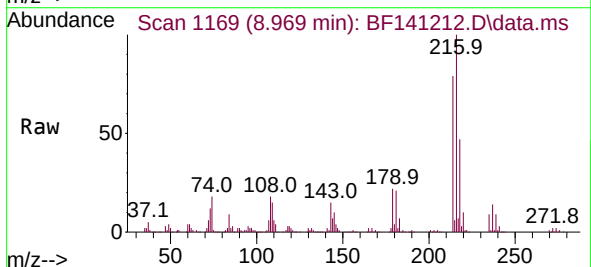
APPROVED

Reviewed By :Yogesh Patel 01/21/2025

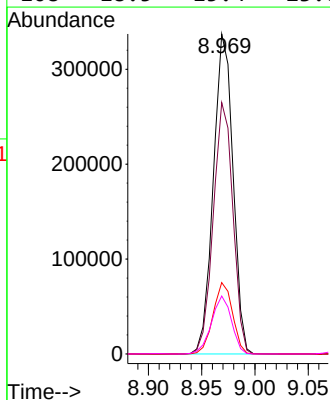
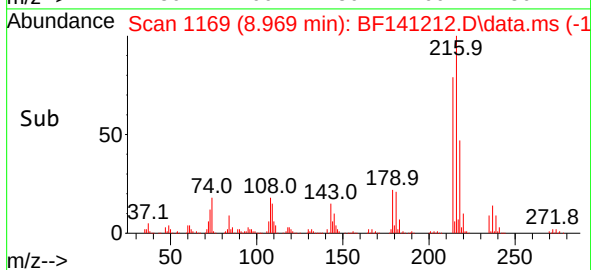
Supervised By :mohammad ahmed 01/21/2025

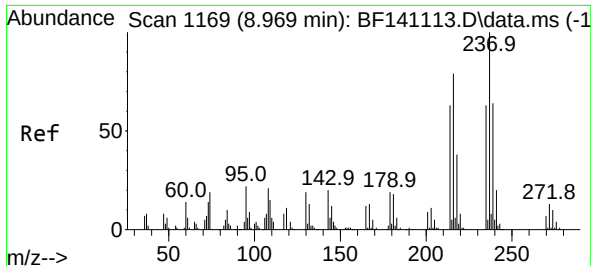


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.665 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:216 Resp: 431864
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 22.1 17.7 26.5
108 18.5 15.4 23.0





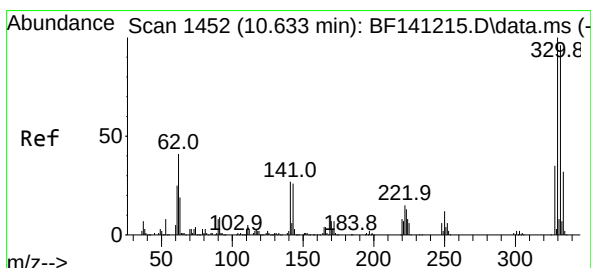
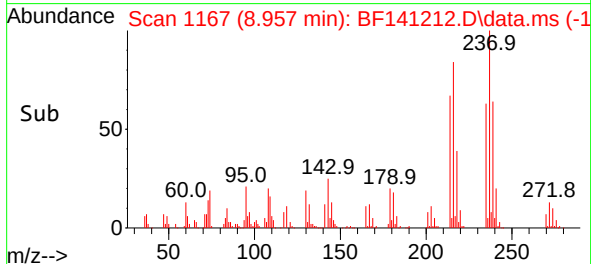
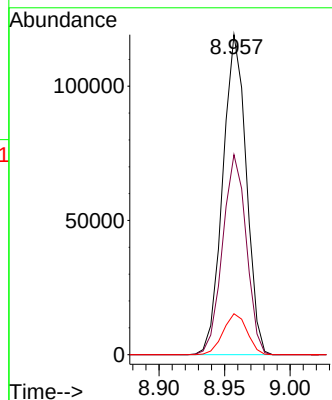
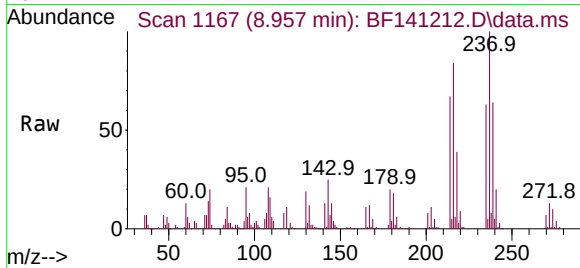
#41
Hexachlorocyclopentadiene
Concen: 41.678 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 148460
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 12.8 0.0 33.0

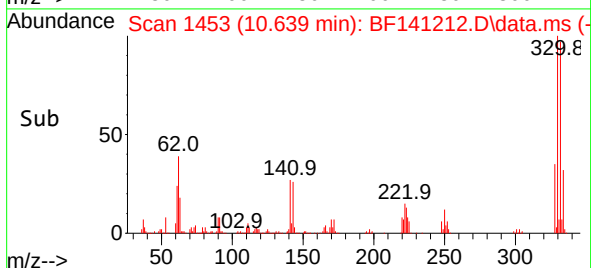
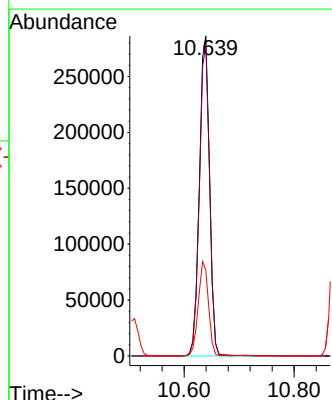
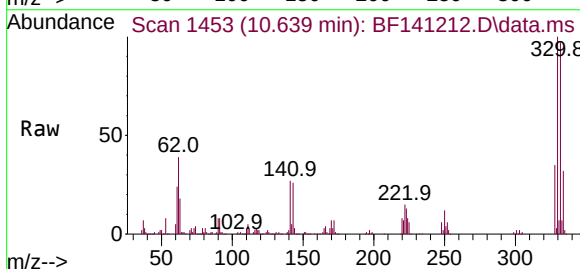
Manual Integrations
APPROVED

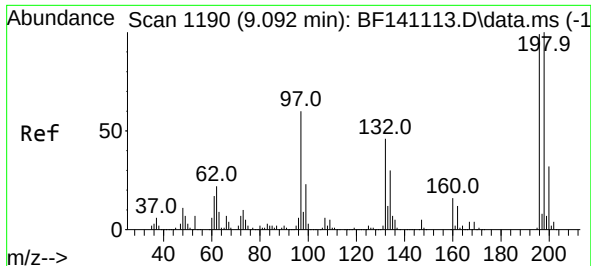
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#42
2,4,6-Tribromophenol
Concen: 85.576 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:330 Resp: 369885
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 29.5 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 41.342 ng

RT: 9.081 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF141212.D

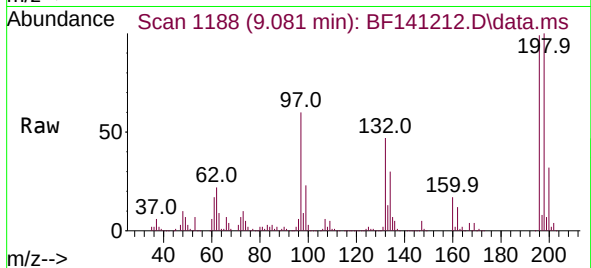
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 30357

Ion Ratio Lower Upper

196 100

198 100.6 80.8 121.2

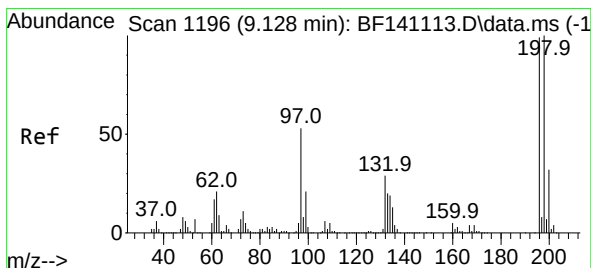
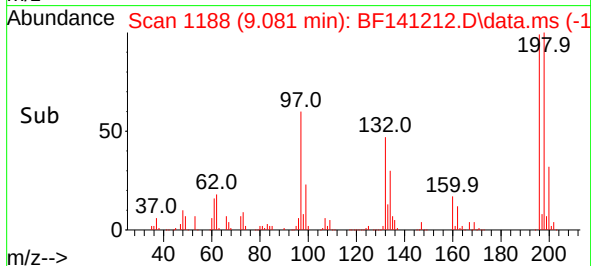
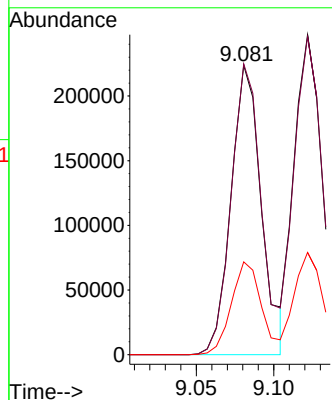
200 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#44

2,4,5-Trichlorophenol

Concen: 39.913 ng

RT: 9.122 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Tgt Ion:196 Resp: 309532

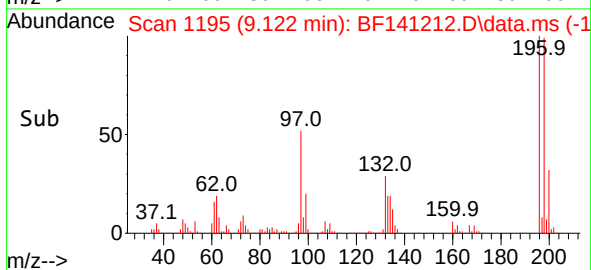
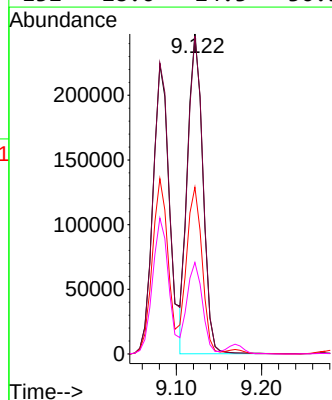
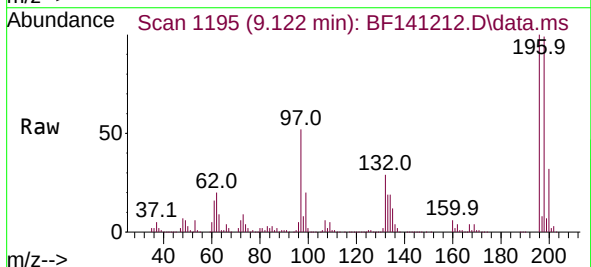
Ion Ratio Lower Upper

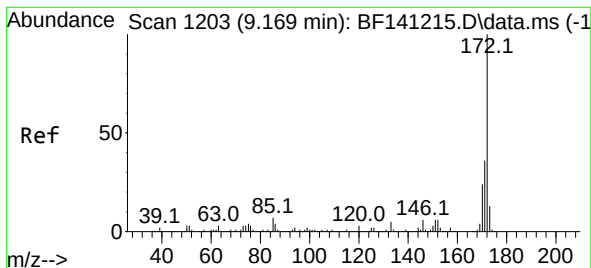
196 100

198 99.4 80.6 120.8

97 52.1 43.1 64.7

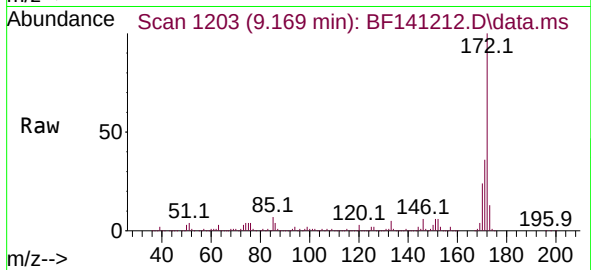
132 28.6 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 77.274 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

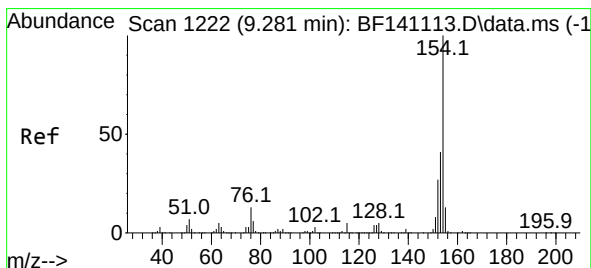
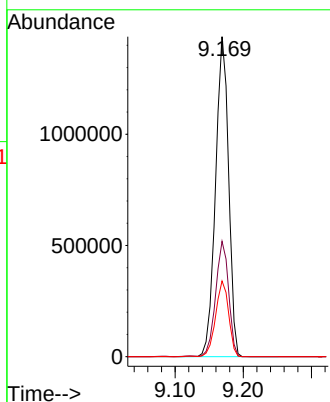
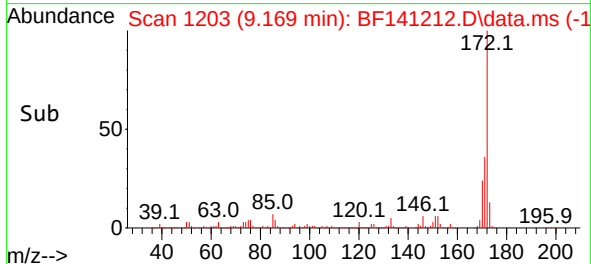
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



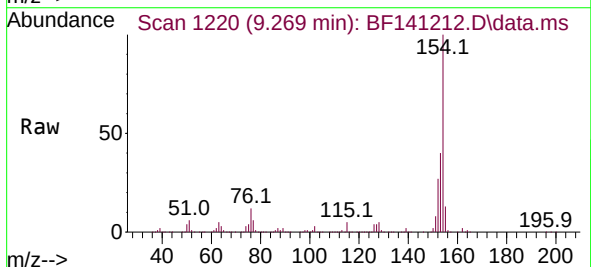
Tgt Ion:172 Resp: 191958
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.7 19.0 28.6

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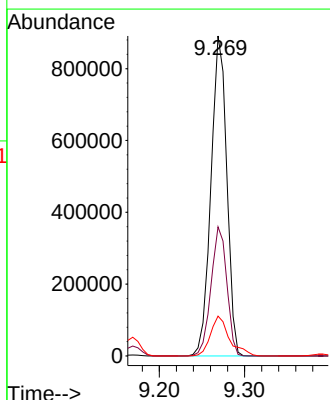
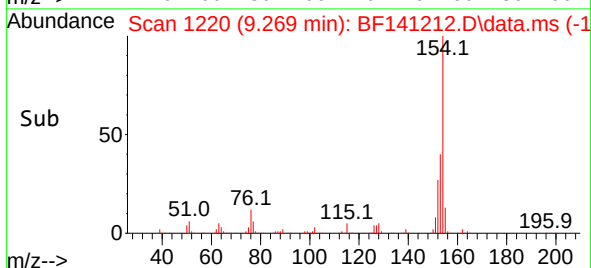
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

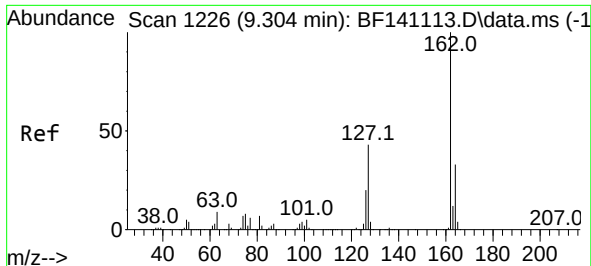


#46
1,1'-Biphenyl
Concen: 38.962 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:154 Resp: 1147801
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 12.5 0.0 33.1





#47

2-Chloronaphthalene

Concen: 39.150 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 898290

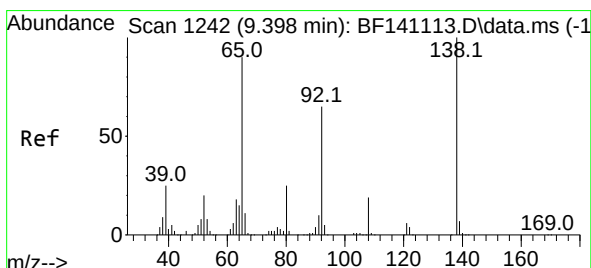
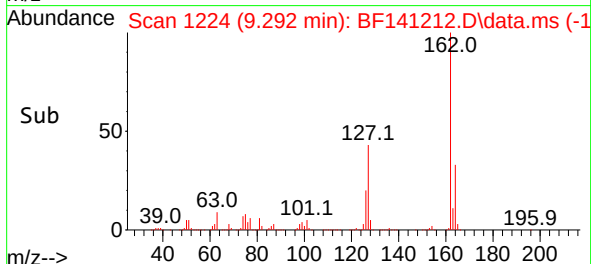
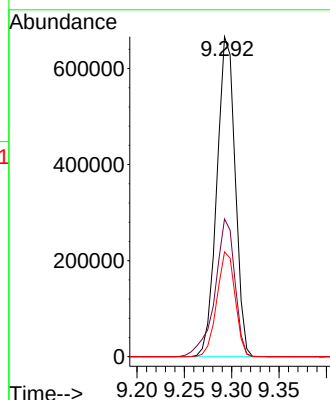
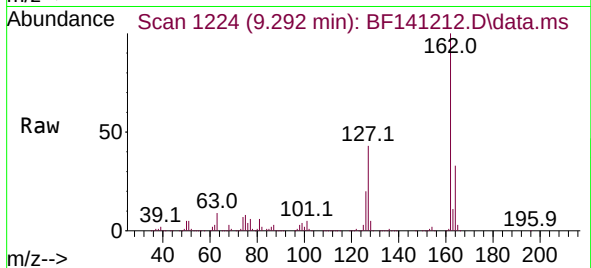
Ion	Ratio	Lower	Upper
162	100		
127	43.1	34.6	51.8
164	32.8	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#48

2-Nitroaniline

Concen: 39.694 ng

RT: 9.386 min Scan# 1240

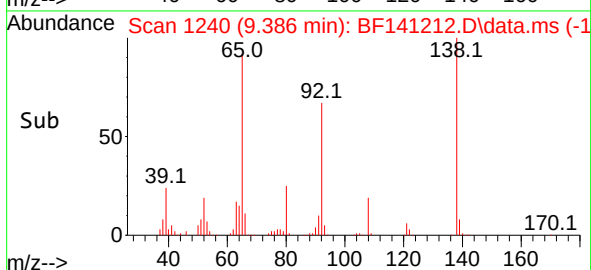
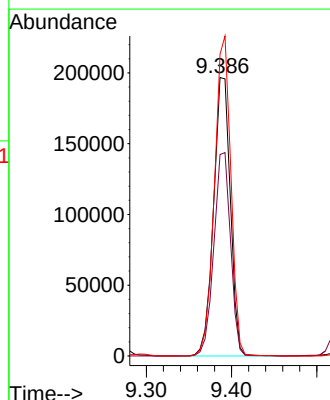
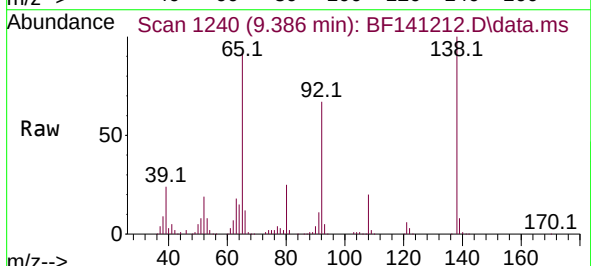
Delta R.T. -0.012 min

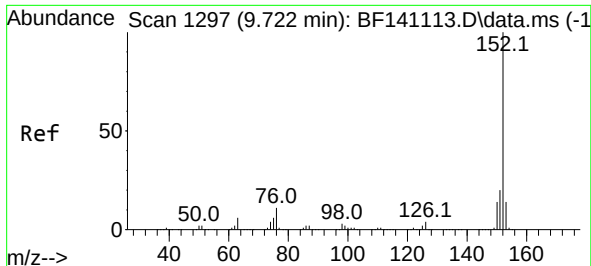
Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Tgt Ion: 65 Resp: 269989

Ion	Ratio	Lower	Upper
65	100		
92	72.4	58.3	87.5
138	108.4	89.1	133.7





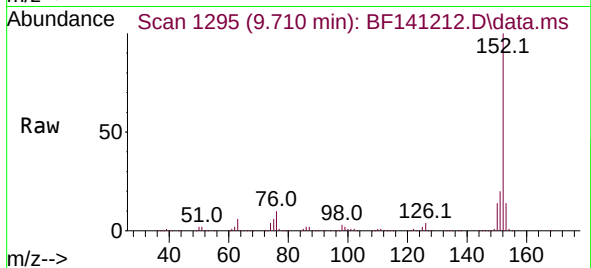
#49
Acenaphthylene
Concen: 39.180 ng
RT: 9.710 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

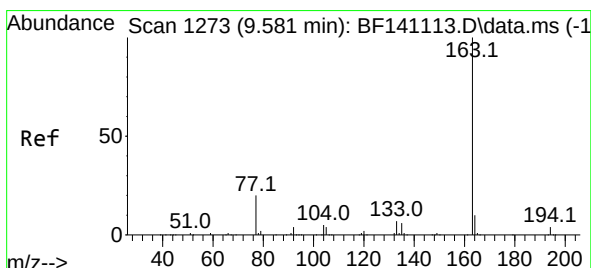
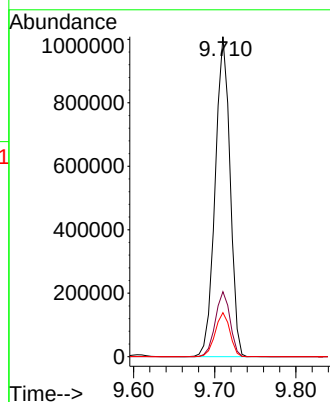
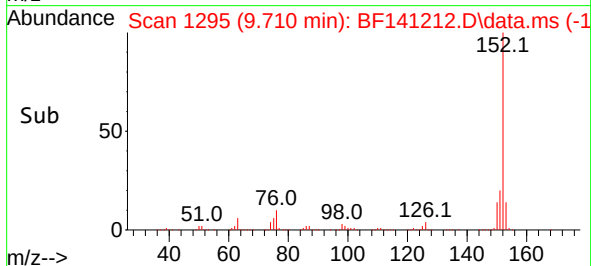


Tgt Ion:152 Resp: 128439
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.7 11.1 16.7

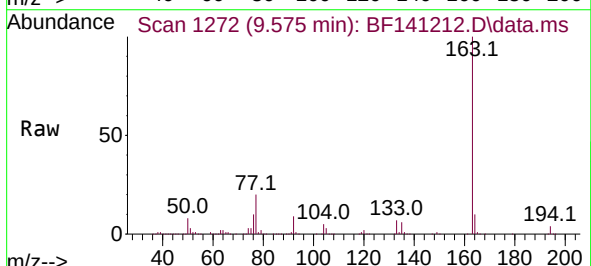
Manual Integrations

APPROVED

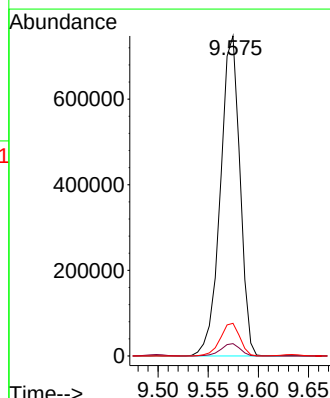
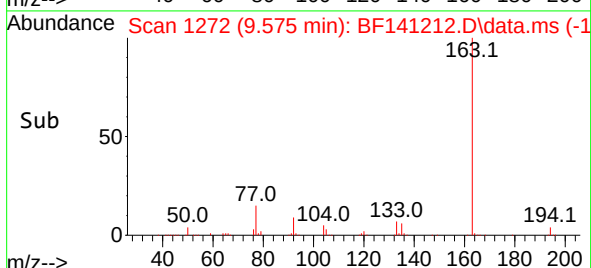
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

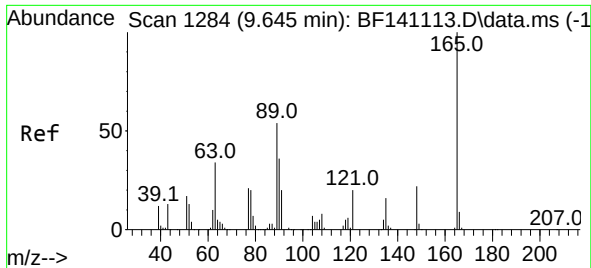


#50
Dimethylphthalate
Concen: 39.677 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:163 Resp: 1010444
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 40.283 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

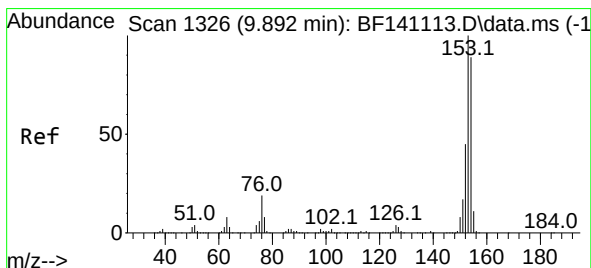
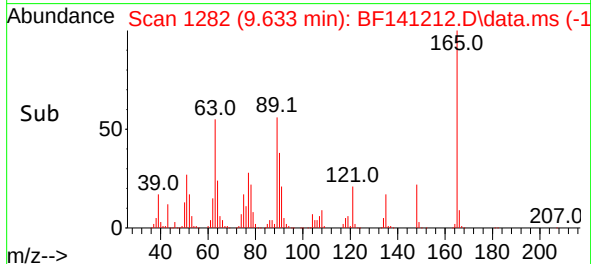
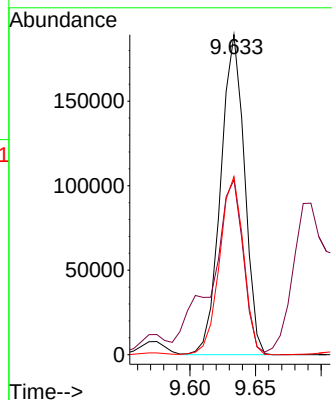
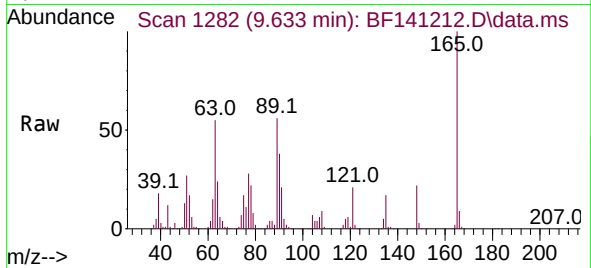
SSTDCCC040

Tgt Ion:165 Resp: 238558
Ion Ratio Lower Upper
165 100
63 54.6 42.3 63.5
89 55.6 43.1 64.7

Manual Integrations

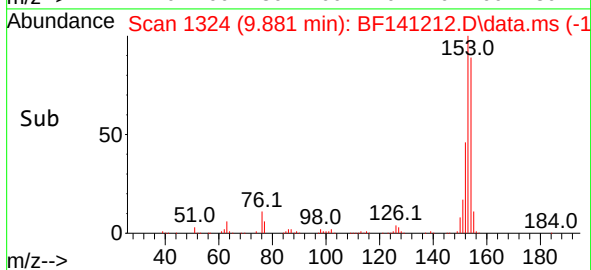
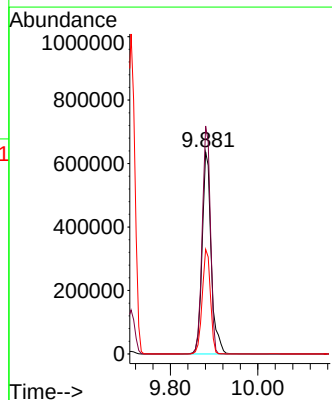
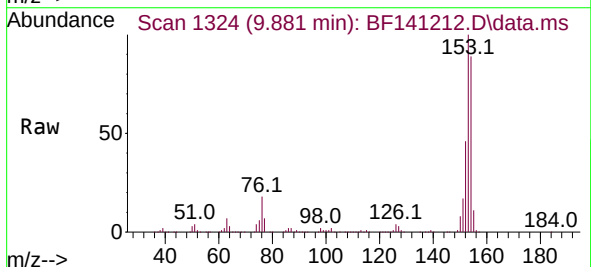
APPROVED

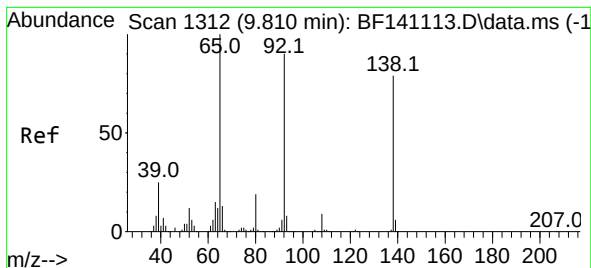
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#52
Acenaphthene
Concen: 39.925 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:154 Resp: 914414
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 51.8 40.8 61.2





#53

3-Nitroaniline

Concen: 40.490 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 24367

Ion Ratio Lower Upper

138 100

108 11.1 8.8 13.2

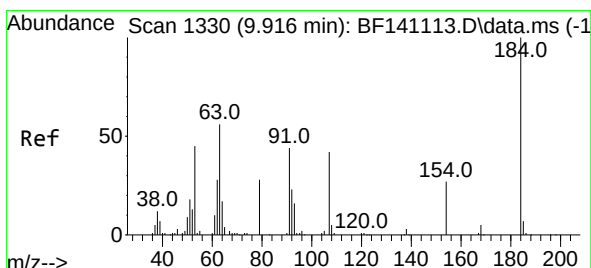
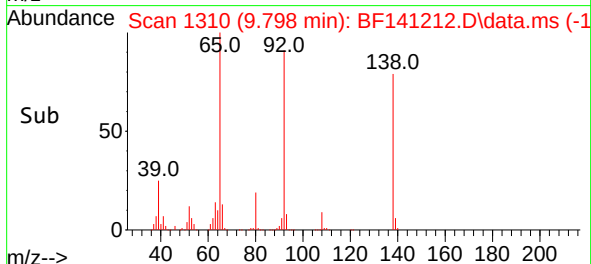
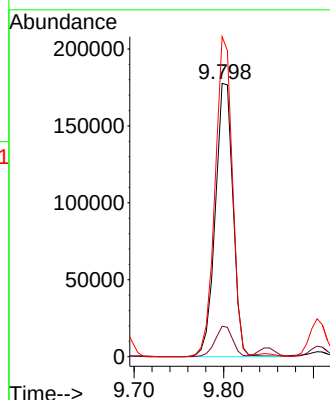
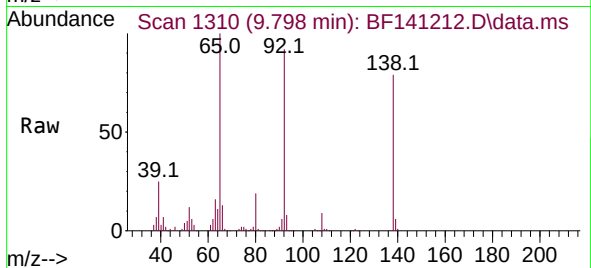
92 117.1 91.3 136.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#54

2,4-Dinitrophenol

Concen: 46.326 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

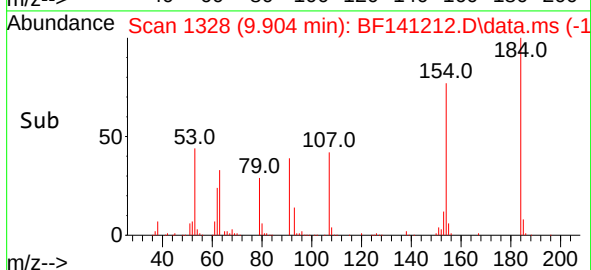
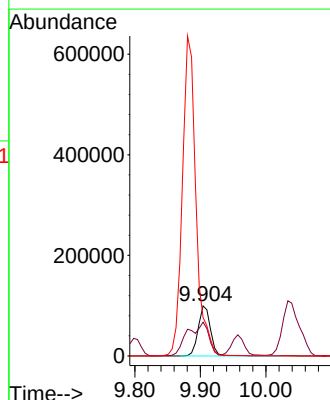
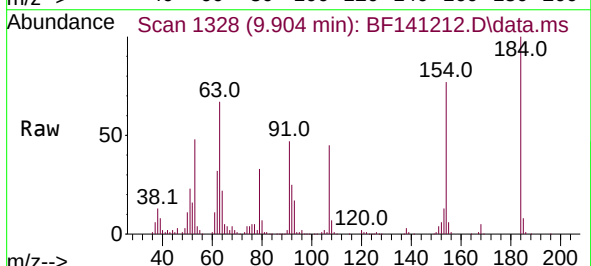
Tgt Ion:184 Resp: 130404

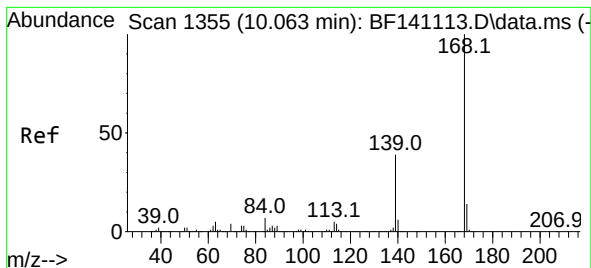
Ion Ratio Lower Upper

184 100

63 67.2 48.7 73.1

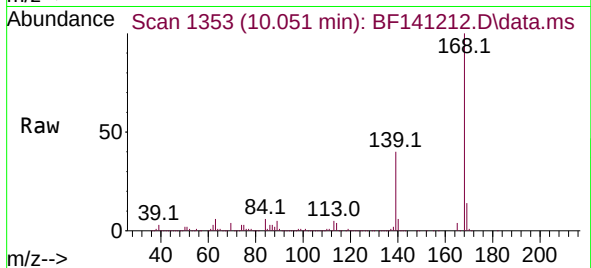
154 76.8 57.1 85.7





#55
Dibenzenofuran
Concen: 39.152 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

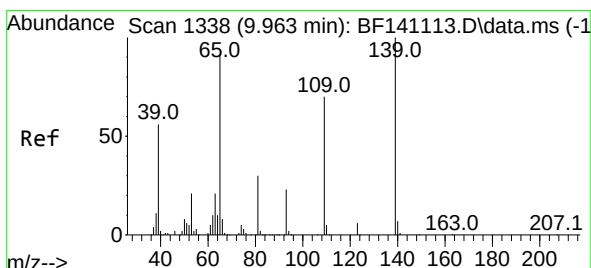
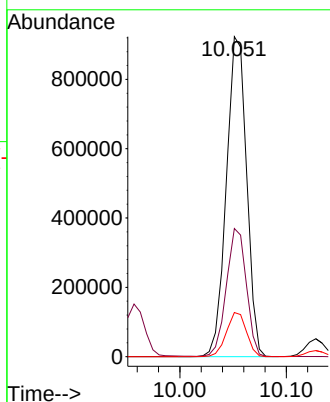
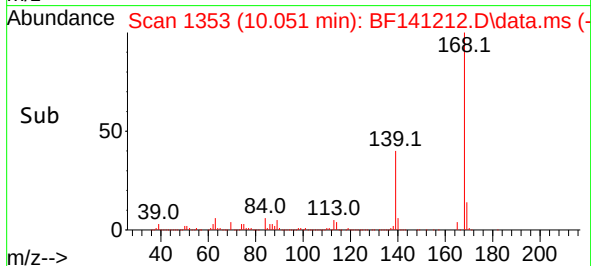
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1219680
Ion Ratio Lower Upper
168 100
139 40.1 31.4 47.0
169 13.8 10.9 16.3

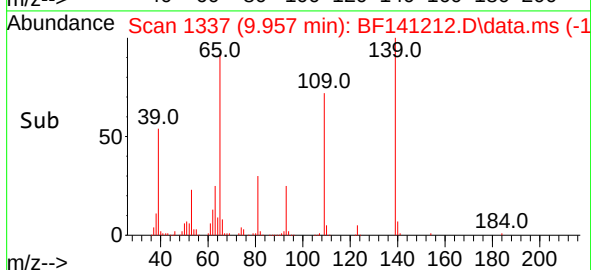
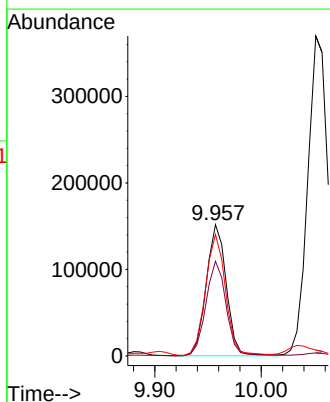
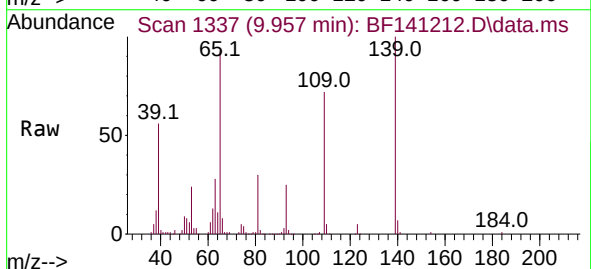
Manual Integrations
APPROVED

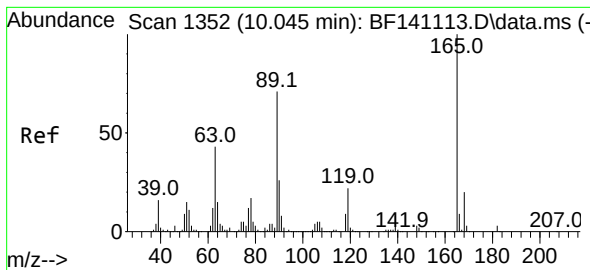
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#56
4-Nitrophenol
Concen: 42.217 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:139 Resp: 198979
Ion Ratio Lower Upper
139 100
109 72.1 50.2 90.2
65 92.6 72.1 112.1





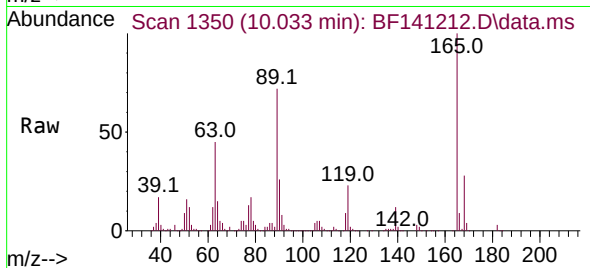
#57
2,4-Dinitrotoluene
Concen: 41.969 ng
RT: 10.033 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

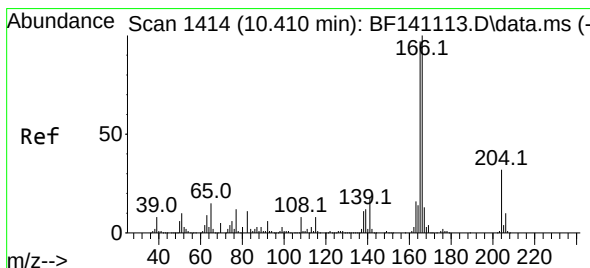
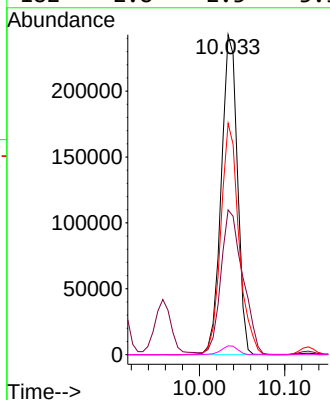
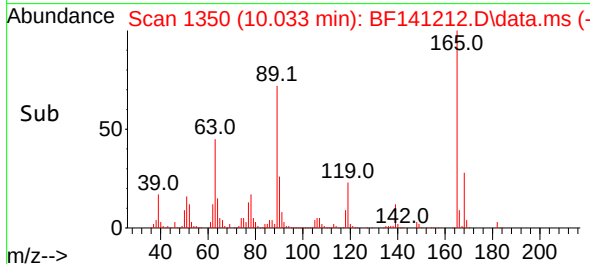


Tgt Ion:165 Resp: 320300
Ion Ratio Lower Upper
165 100
63 45.3 35.0 52.4
89 72.3 56.7 85.1
182 2.8 2.3 3.5

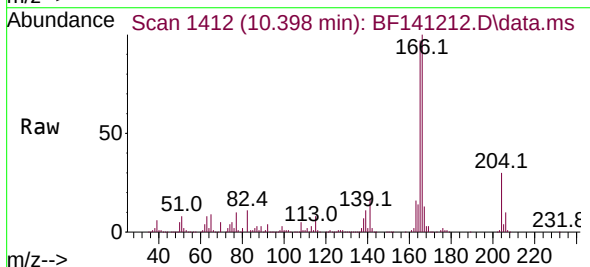
Manual Integrations

APPROVED

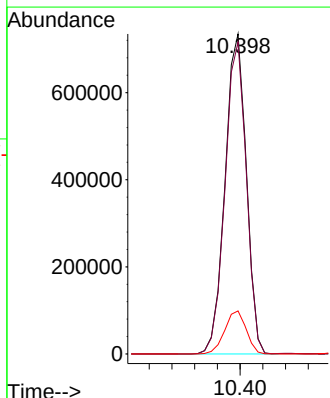
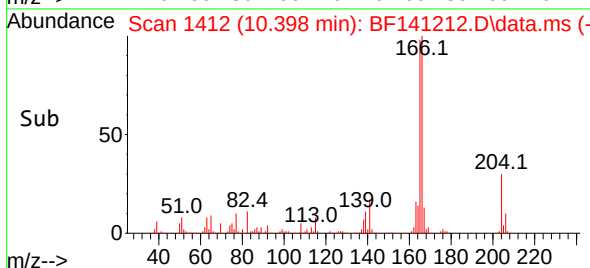
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

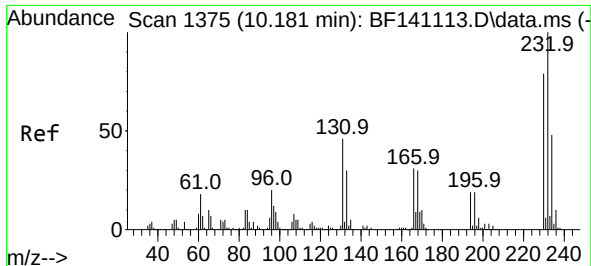


#58
Fluorene
Concen: 39.463 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



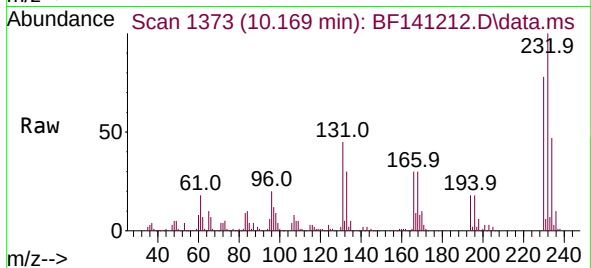
Tgt Ion:166 Resp: 955100
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.061 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

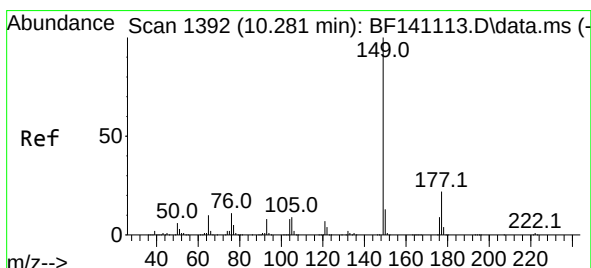
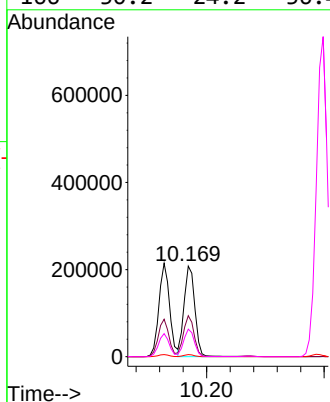
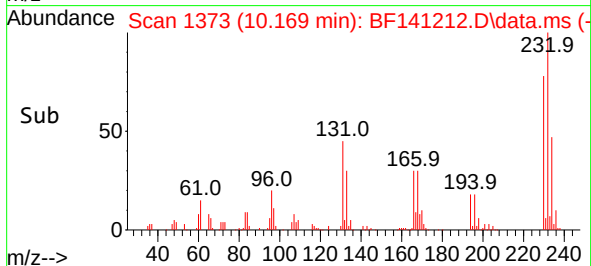
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 264691
Ion Ratio Lower Upper
232 100
131 44.8 36.2 54.4
130 2.2 2.0 3.0
166 30.2 24.2 36.4

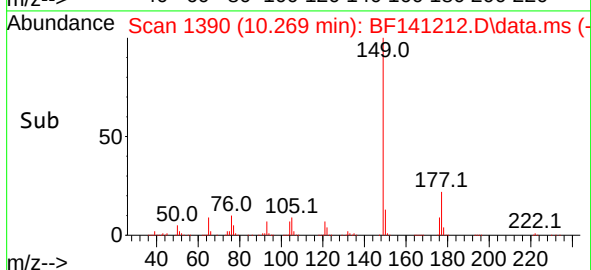
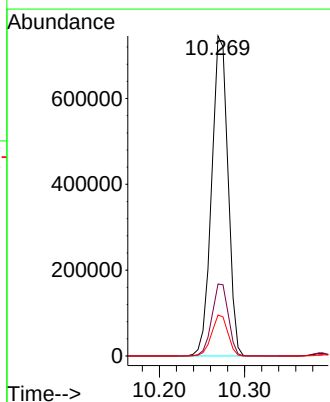
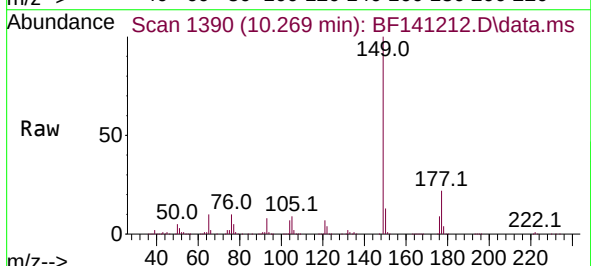
Manual Integrations
APPROVED

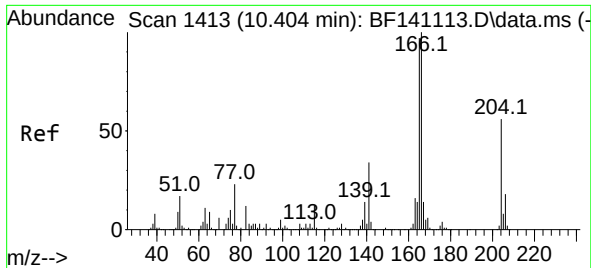
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#60
Diethylphthalate
Concen: 39.892 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:149 Resp: 991777
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.909 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

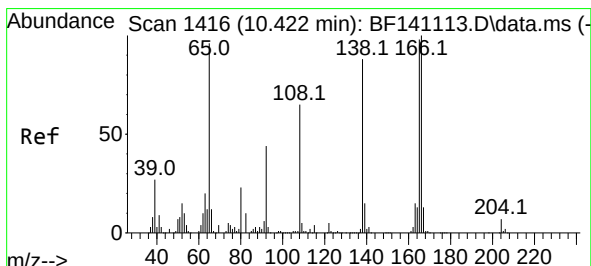
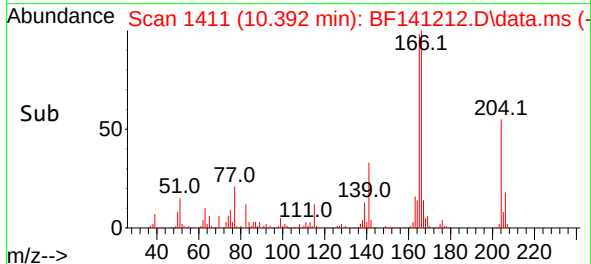
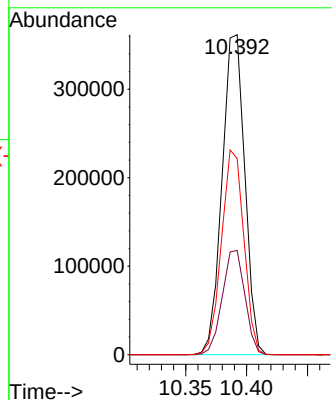
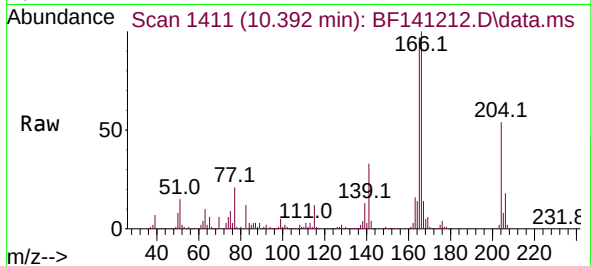
SSTDCCC040

Tgt Ion:204 Resp: 470770
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.3 49.1 73.7

Manual Integrations

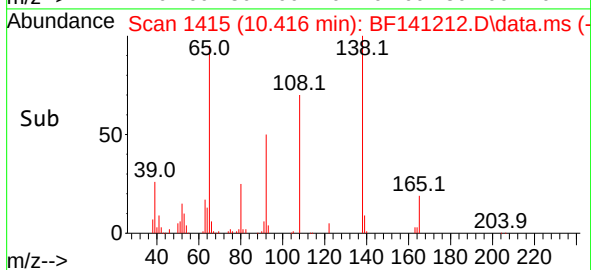
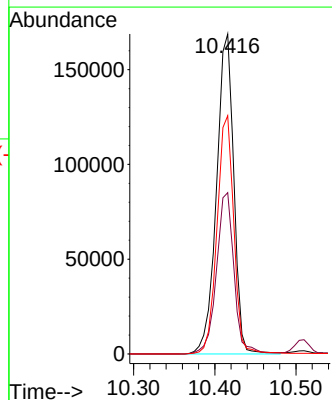
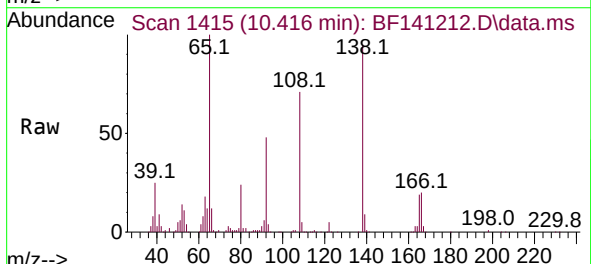
APPROVED

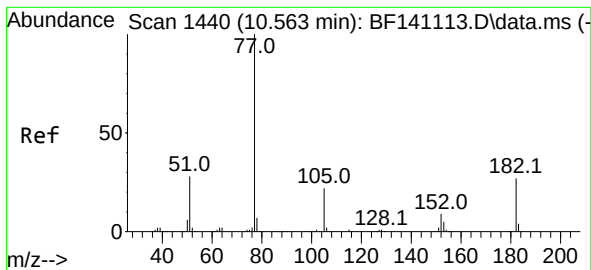
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#62
4-Nitroaniline
Concen: 42.436 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:138 Resp: 249961
Ion Ratio Lower Upper
138 100
92 50.4 29.4 69.4
108 74.5 53.7 93.7





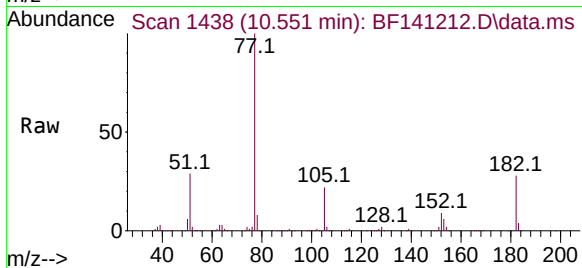
#63
Azobenzene
Concen: 38.592 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

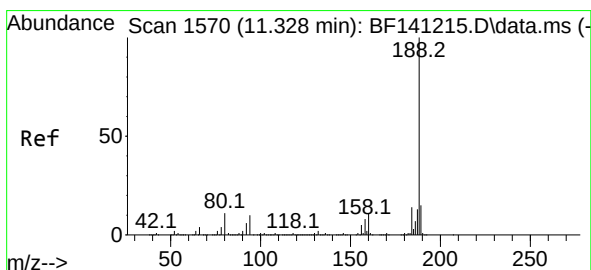
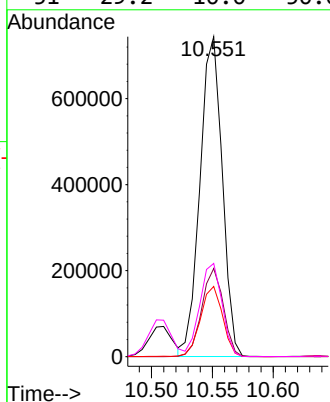
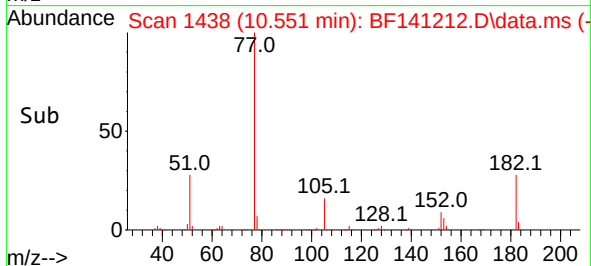


Tgt Ion: 77 Resp: 946738
Ion Ratio Lower Upper
77 100
182 27.6 6.1 46.1
105 21.9 2.1 42.1
51 29.2 10.0 50.0

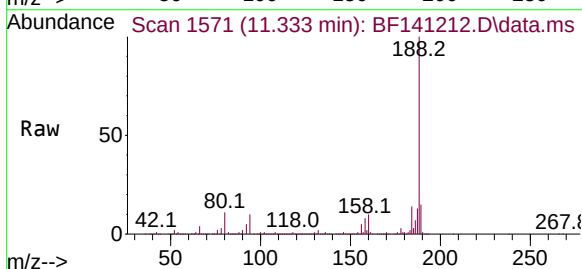
Manual Integrations

APPROVED

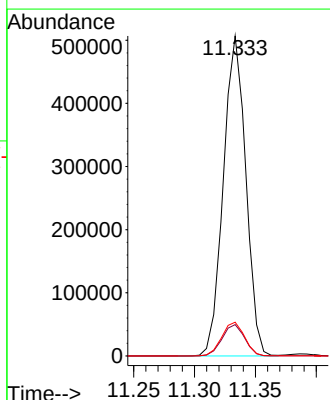
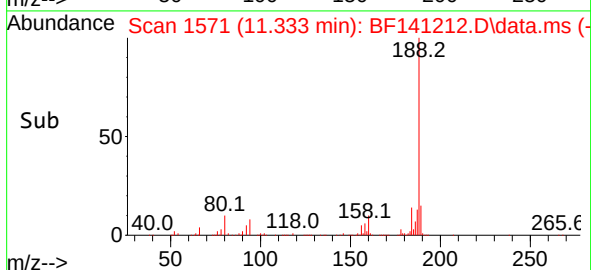
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

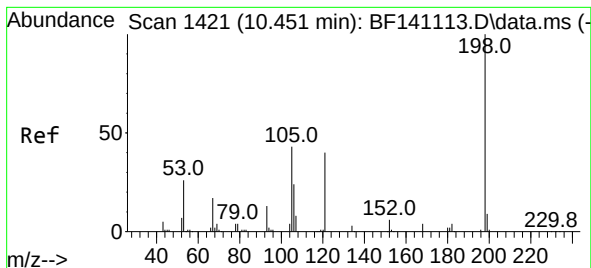


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



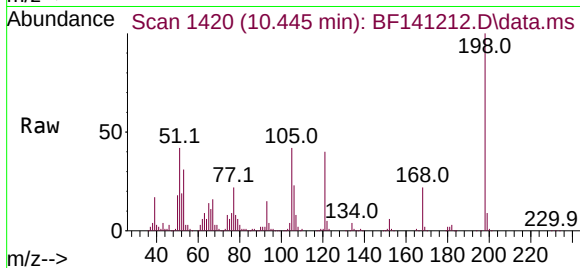
Tgt Ion:188 Resp: 651777
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.6 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.341 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

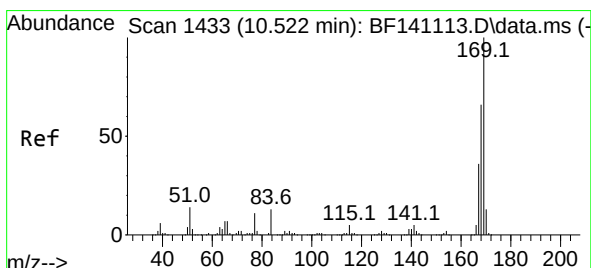
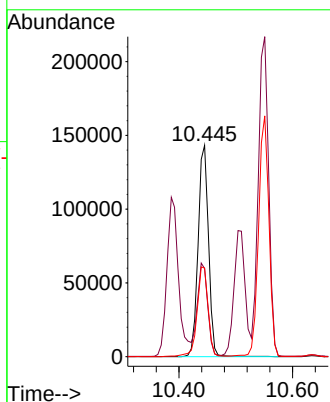
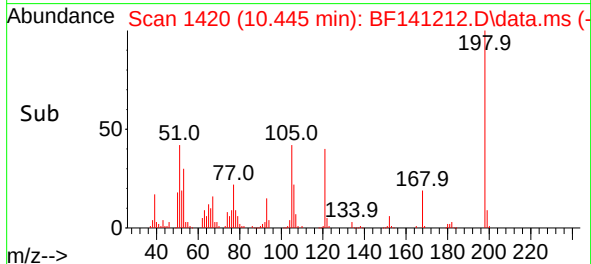
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



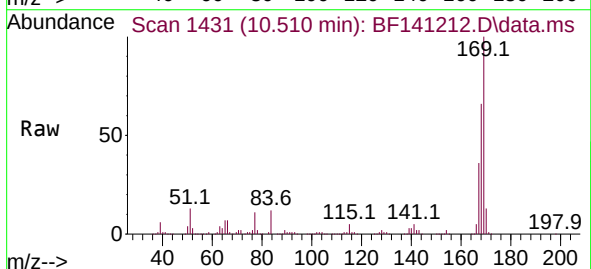
Tgt Ion:198 Resp: 182578
Ion Ratio Lower Upper
198 100
51 41.7 27.1 67.1
105 41.9 24.2 64.2

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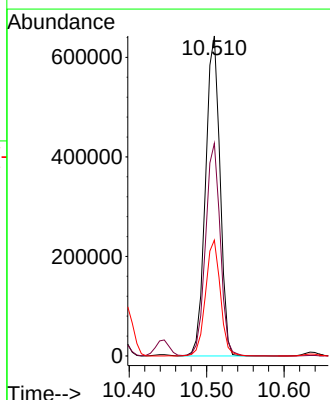
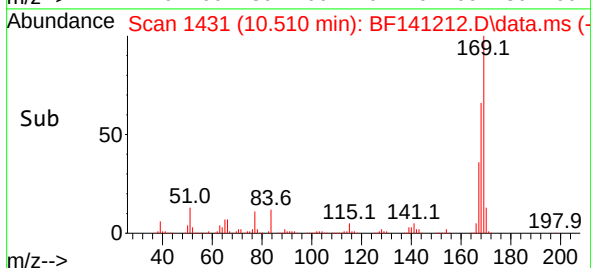
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

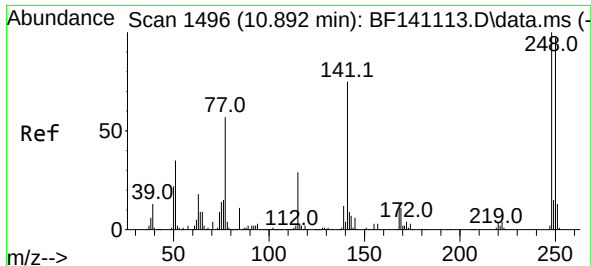


#66
n-Nitrosodiphenylamine
Concen: 39.521 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



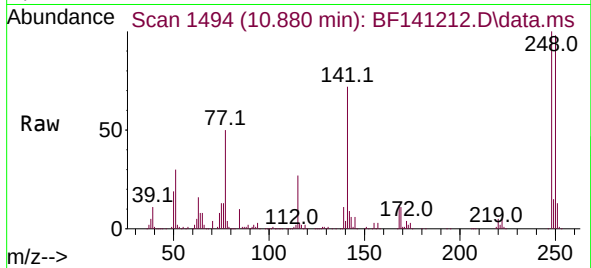
Tgt Ion:169 Resp: 830832
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.988 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

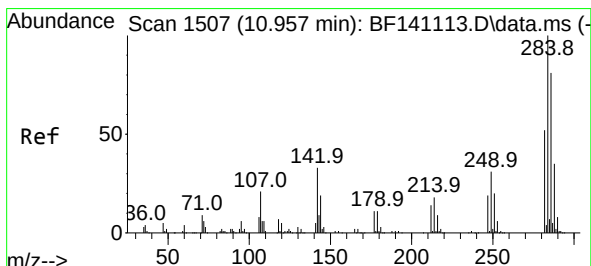
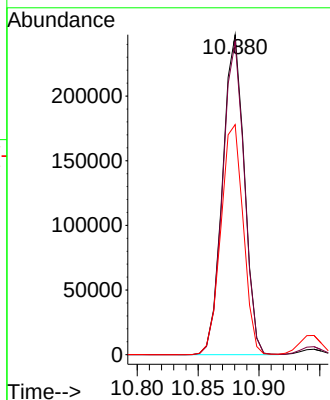
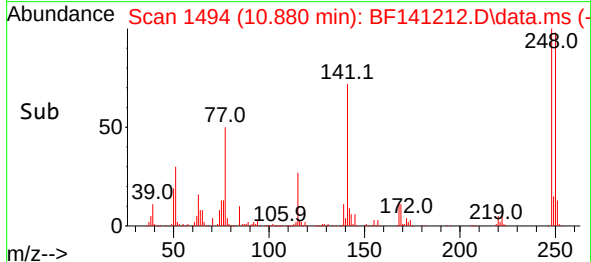
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



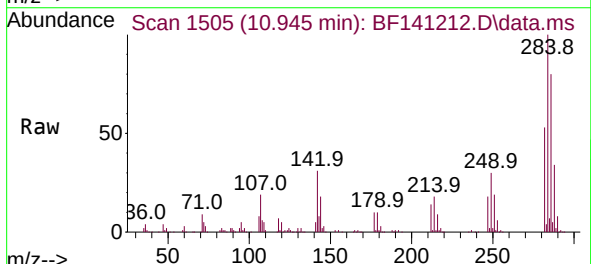
Tgt Ion:248 Resp: 30756
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 71.9 59.9 89.9

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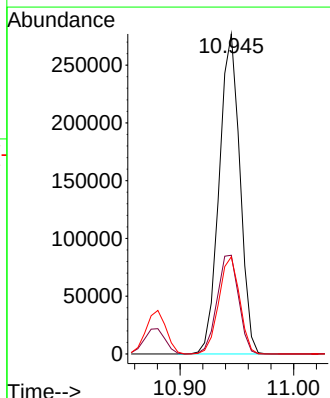
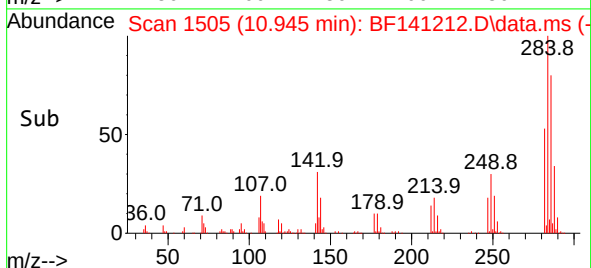
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

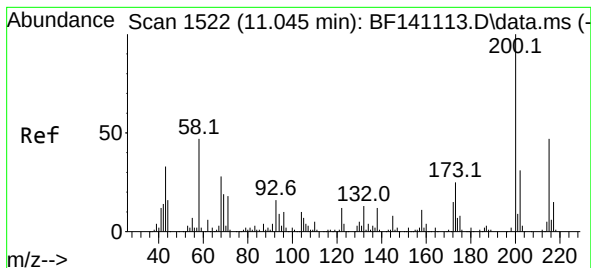


#68
Hexachlorobenzene
Concen: 41.949 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:284 Resp: 350408
Ion Ratio Lower Upper
284 100
142 30.9 26.3 39.5
249 30.4 24.9 37.3





#69

Atrazine

Concen: 45.790 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

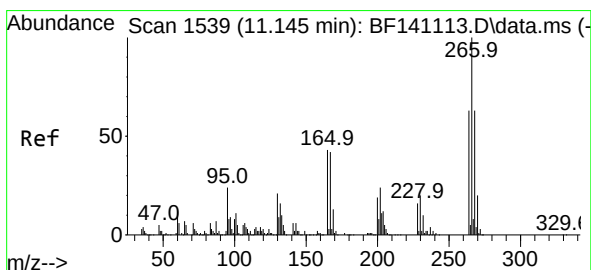
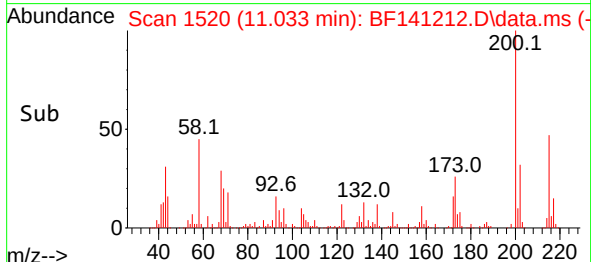
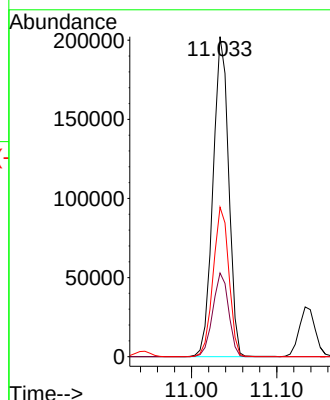
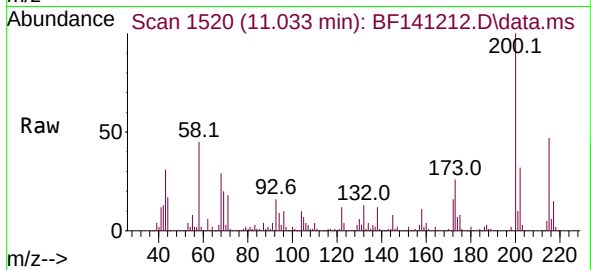
Tgt Ion:200 Resp: 259190
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.4 45.4
 215 46.7 26.6 66.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#70

Pentachlorophenol

Concen: 43.036 ng

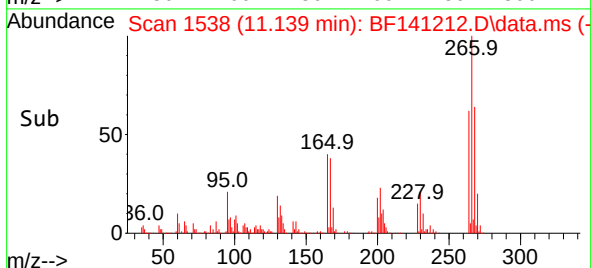
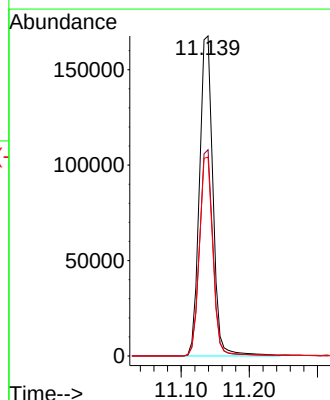
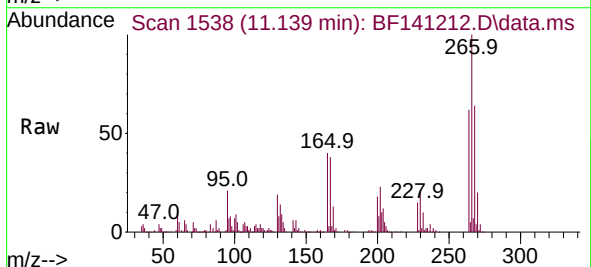
RT: 11.139 min Scan# 1538

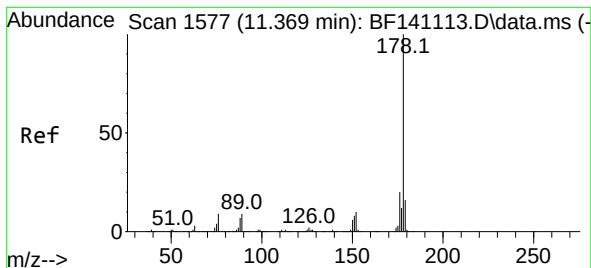
Delta R.T. -0.006 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Tgt Ion:266 Resp: 230220
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.4 75.6
 264 62.2 50.2 75.2





#71

Phenanthrene

Concen: 40.054 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1401540

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

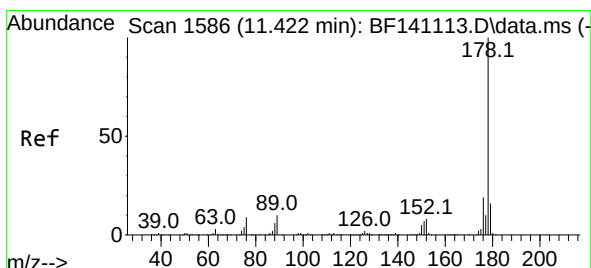
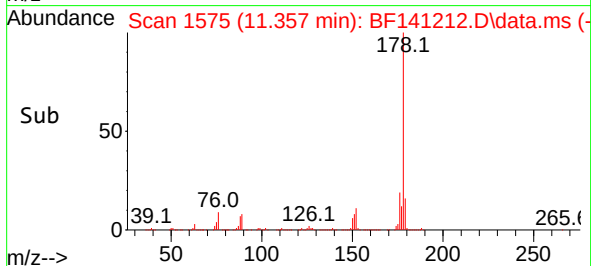
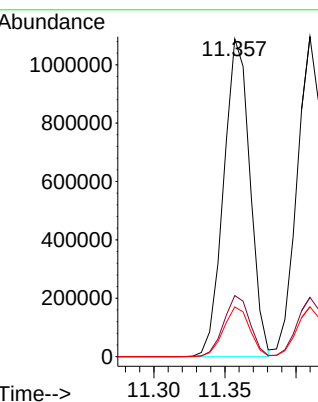
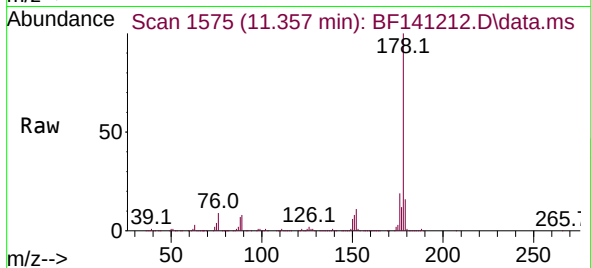
179 15.7 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#72

Anthracene

Concen: 40.747 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

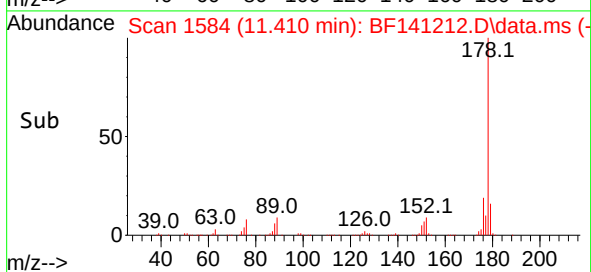
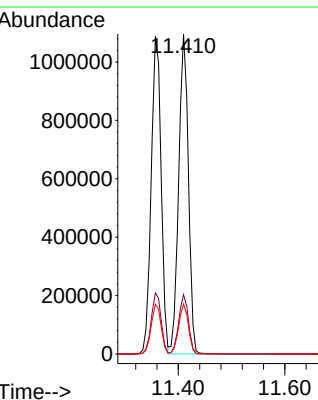
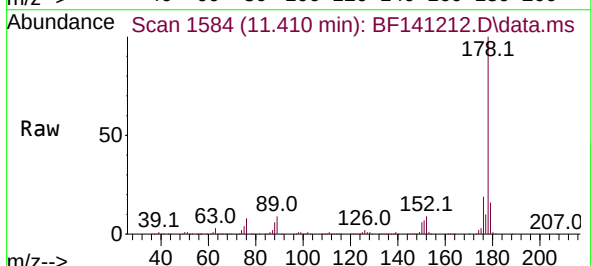
Tgt Ion:178 Resp: 1386401

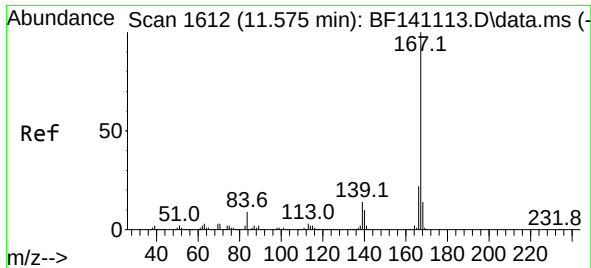
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

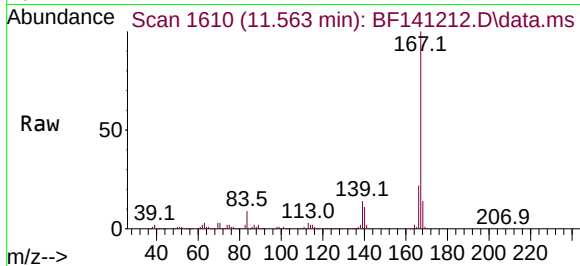
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 41.294 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141212.D
 Acq: 20 Jan 2025 10:37

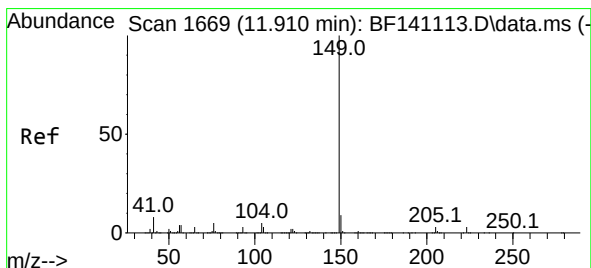
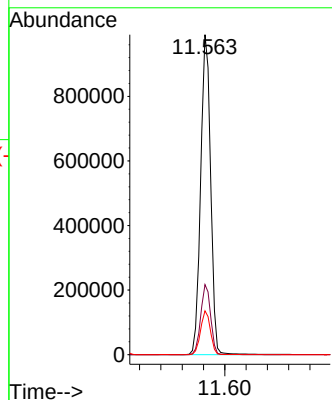
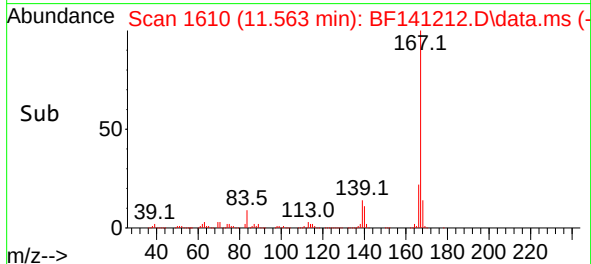
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1288279
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.7 10.9 16.3

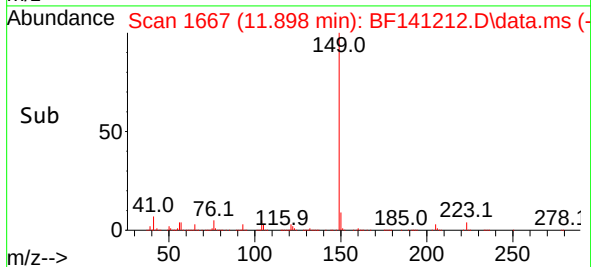
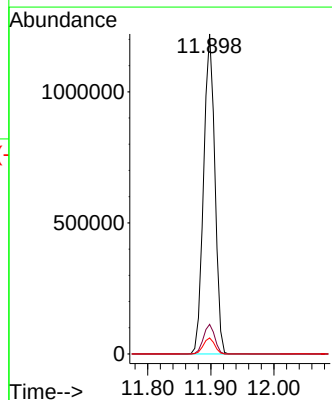
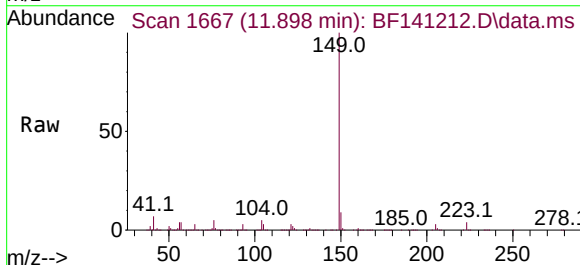
Manual Integrations
 APPROVED

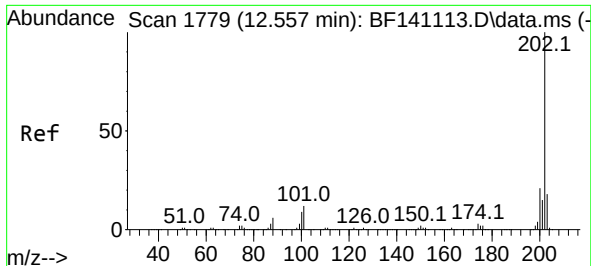
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025



#74
 Di-n-butylphthalate
 Concen: 42.220 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141212.D
 Acq: 20 Jan 2025 10:37

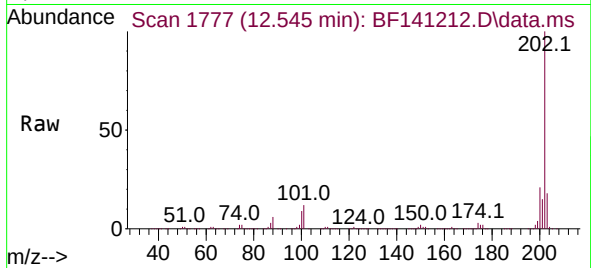
Tgt Ion:149 Resp: 1507420
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 43.134 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

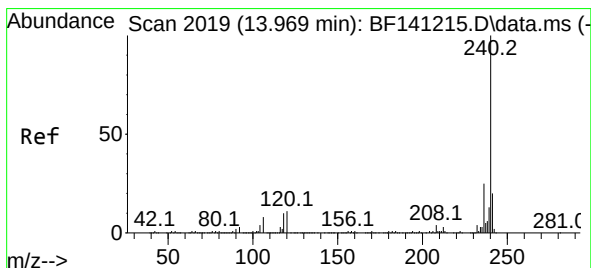
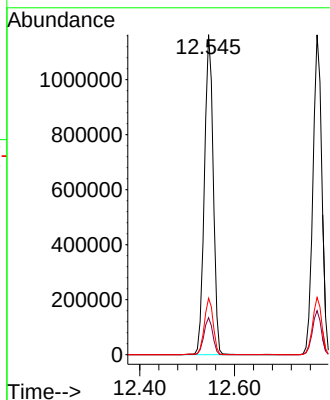
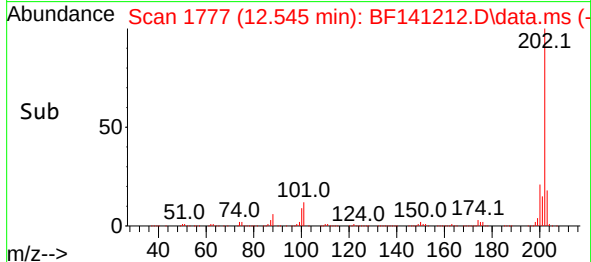
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



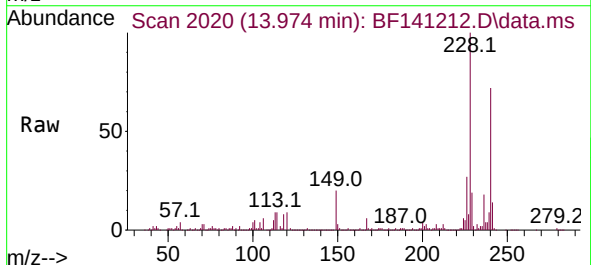
Tgt Ion:202 Resp: 150619
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.3
203 17.6 0.0 37.7

Manual Integrations
APPROVED

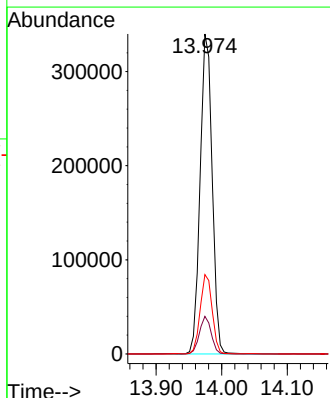
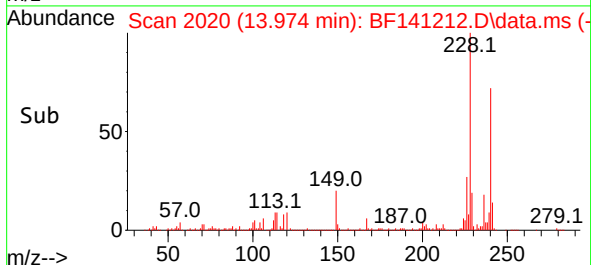
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

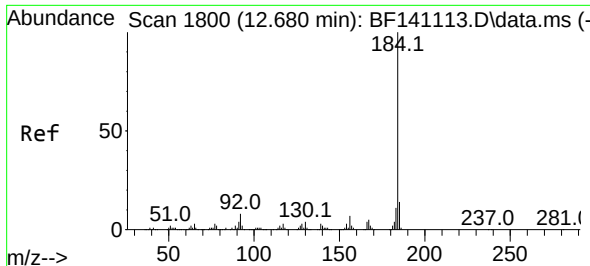


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



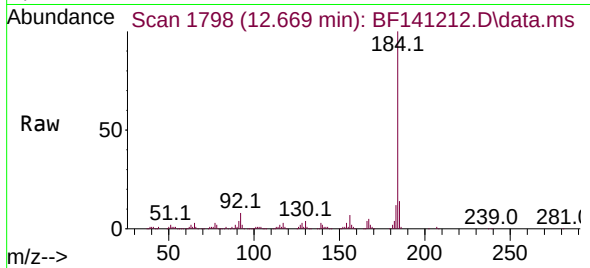
Tgt Ion:240 Resp: 435133
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 24.8 19.8 29.6





#77
Benzidine
Concen: 28.113 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

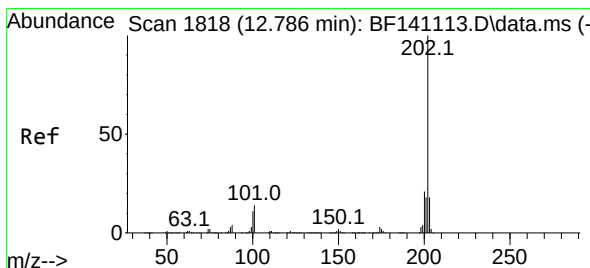
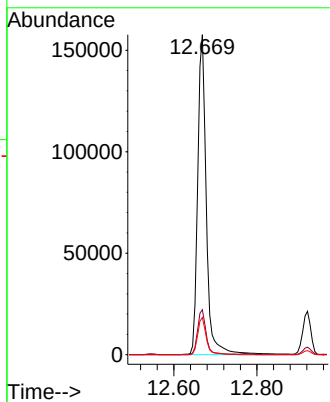
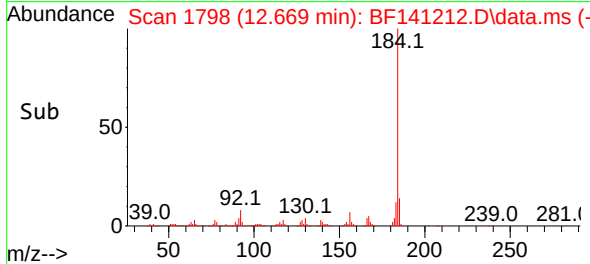
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



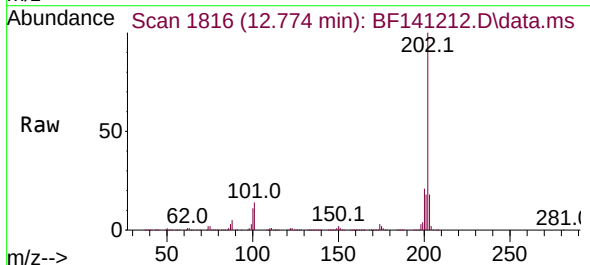
Tgt Ion:184 Resp: 226849
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.6 9.2 13.8

Manual Integrations
APPROVED

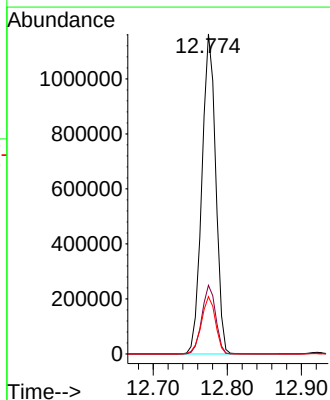
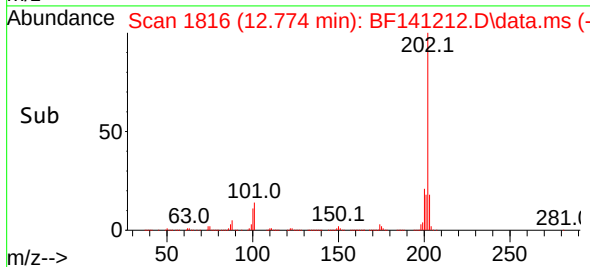
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

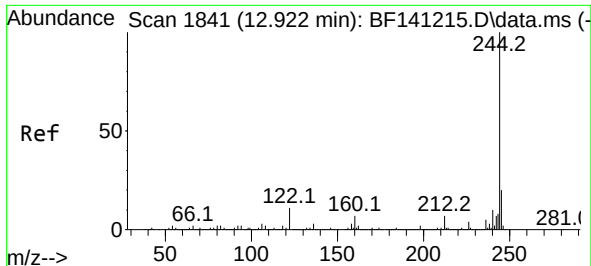


#78
Pyrene
Concen: 36.356 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:202 Resp: 1510983
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.9 14.3 21.5





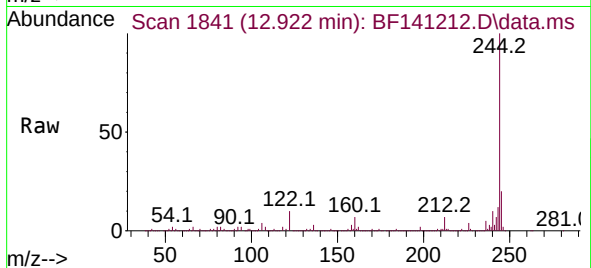
#79
 Terphenyl-d14
 Concen: 74.080 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141212.D
 Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

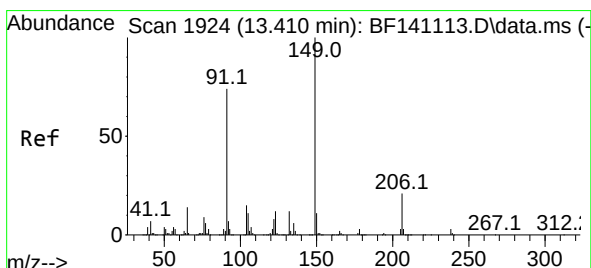
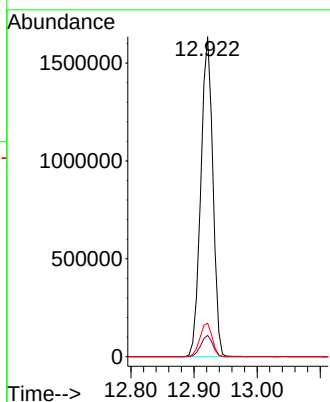
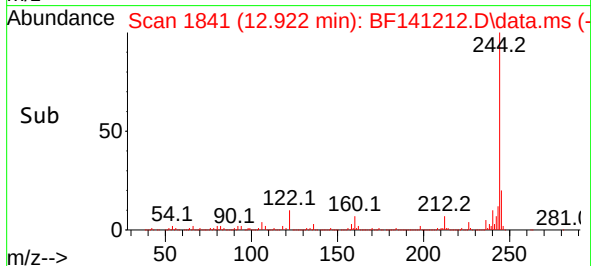


Tgt Ion:244 Resp: 216876
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.5 8.8 13.2

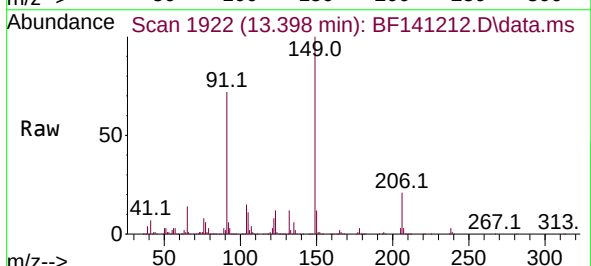
Manual Integrations

APPROVED

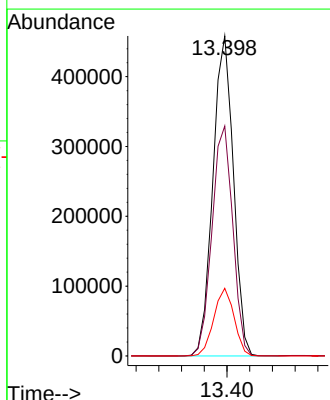
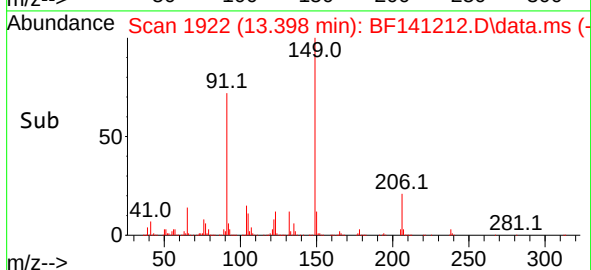
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025

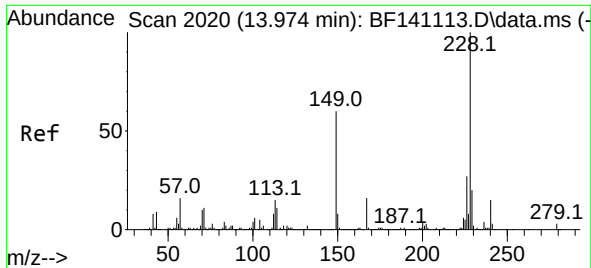


#80
 Butylbenzylphthalate
 Concen: 41.520 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141212.D
 Acq: 20 Jan 2025 10:37



Tgt Ion:149 Resp: 575326
 Ion Ratio Lower Upper
 149 100
 91 71.9 59.0 88.6
 206 21.1 16.5 24.7





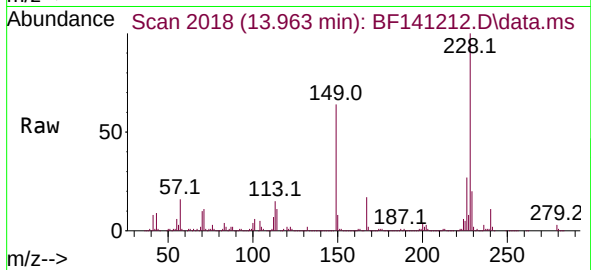
#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

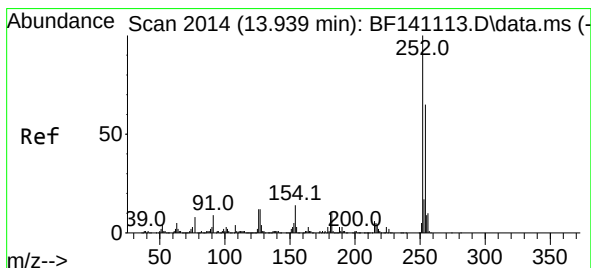
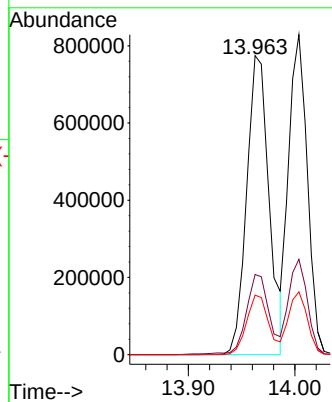
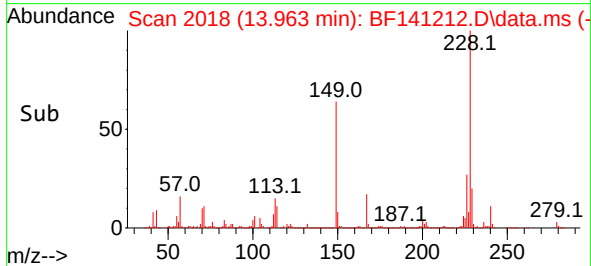


Tgt Ion:228 Resp: 1133698
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.7 23.5

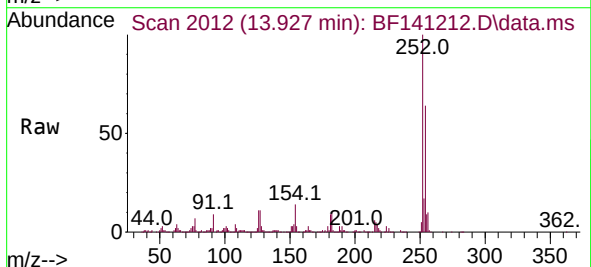
Manual Integrations

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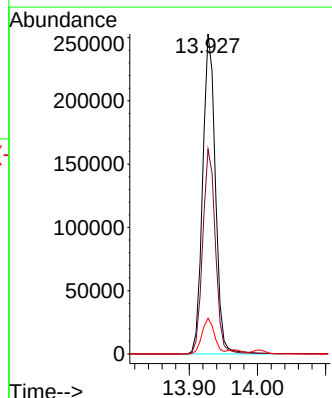
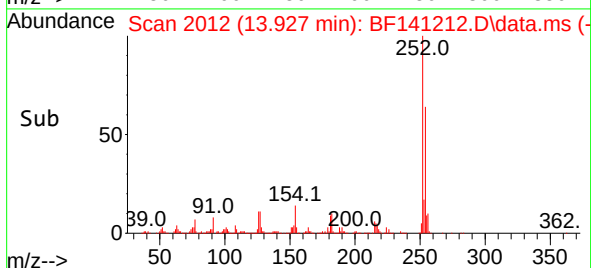
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

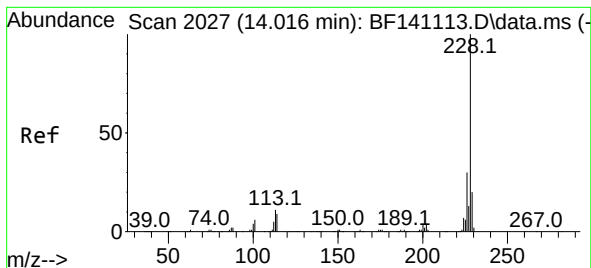


#82
3,3'-Dichlorobenzidine
Concen: 34.842 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37



Tgt Ion:252 Resp: 328537
Ion Ratio Lower Upper
252 100
254 64.0 52.0 78.0
126 11.2 9.4 14.0





#83

Chrysene

Concen: 36.630 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 101499

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

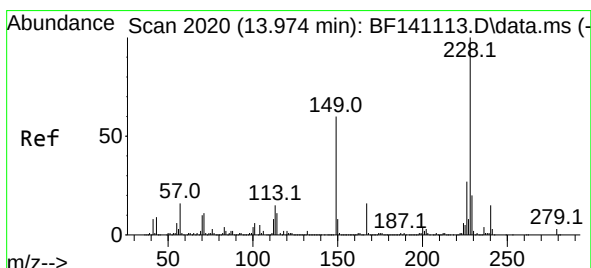
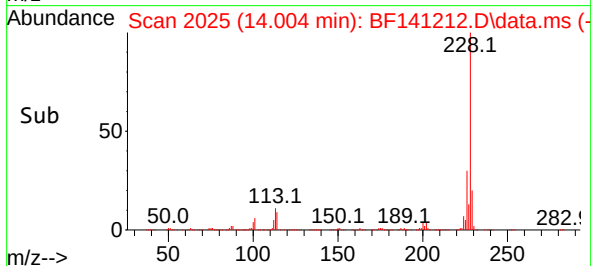
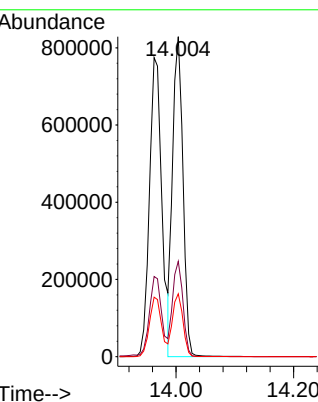
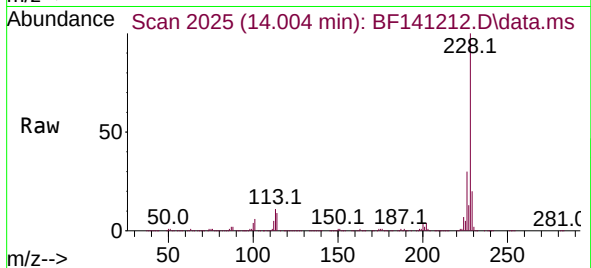
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.510 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

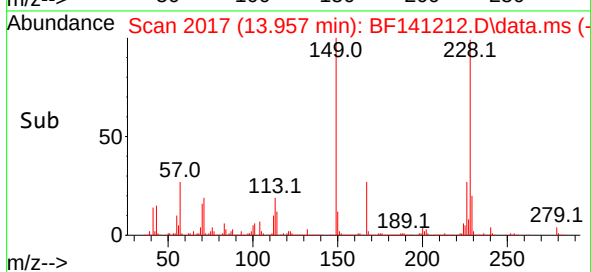
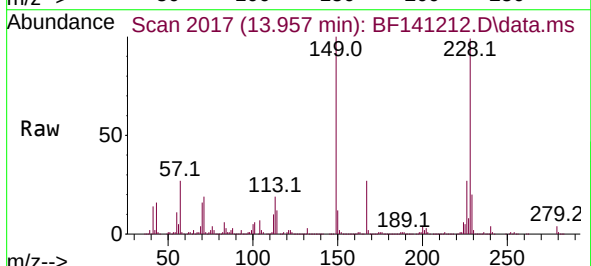
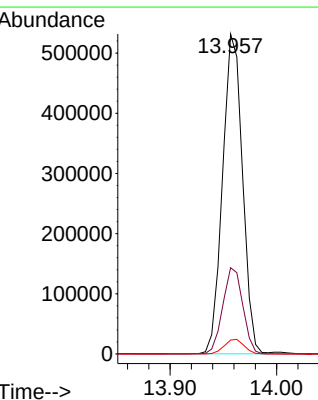
Tgt Ion:149 Resp: 690140

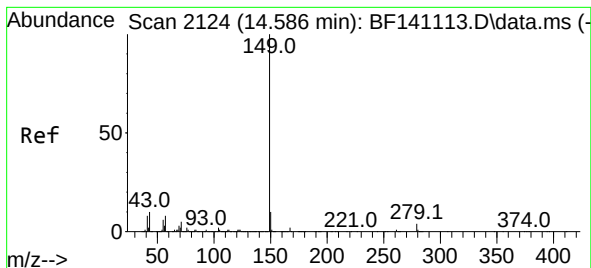
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.2

279 4.4 3.4 5.2





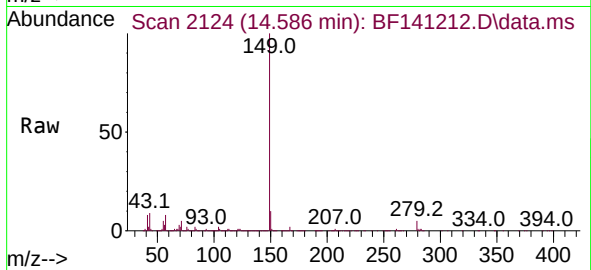
#85
Di-n-octyl phthalate
Concen: 39.765 ng
RT: 14.586 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

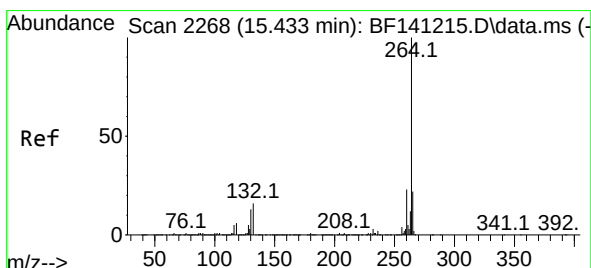
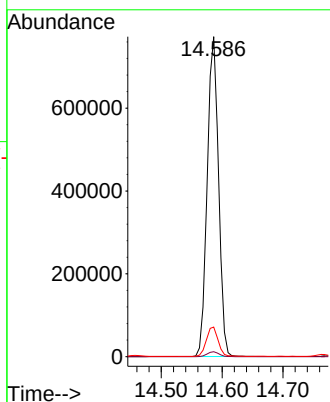
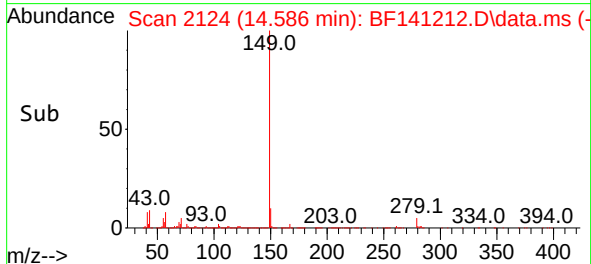


Tgt Ion:149 Resp: 998340
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.6 8.4 12.6

Manual Integrations

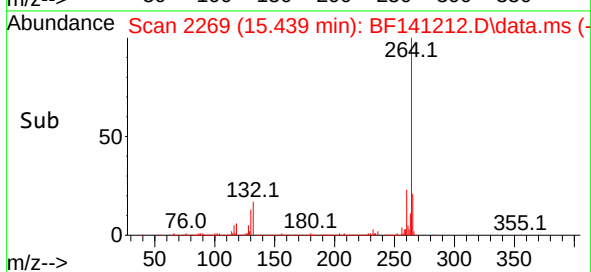
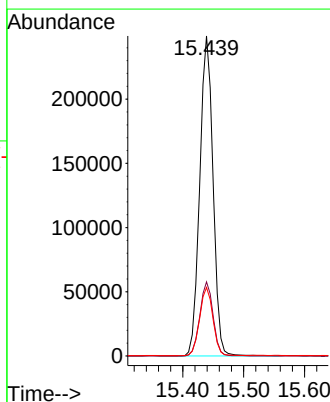
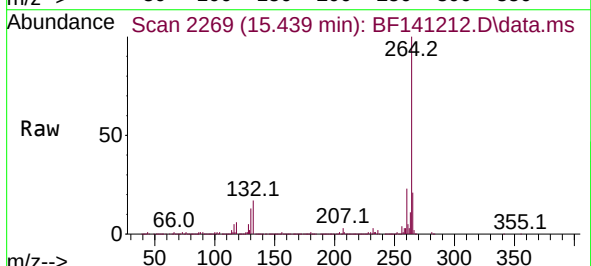
APPROVED

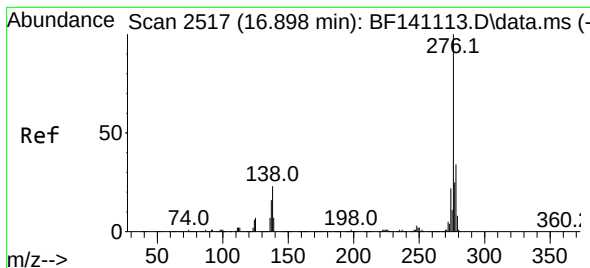
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:264 Resp: 378255
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.377 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1035784

Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

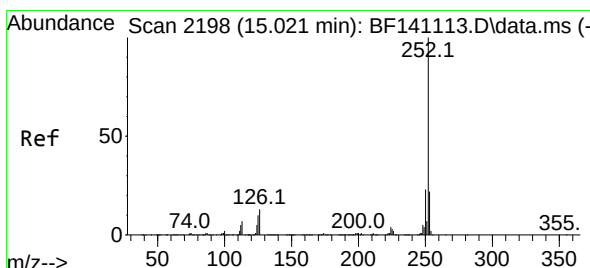
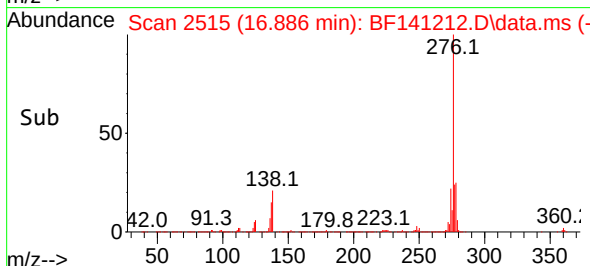
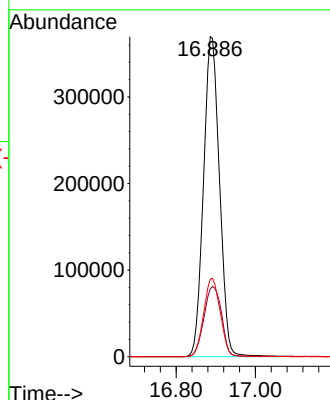
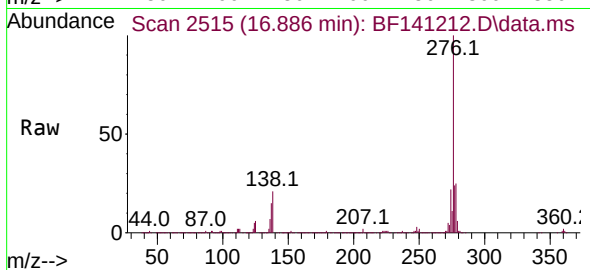
277 25.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :mohammad ahmed 01/21/2025



#88

Benzo(b)fluoranthene

Concen: 41.435 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF141212.D

Acq: 20 Jan 2025 10:37

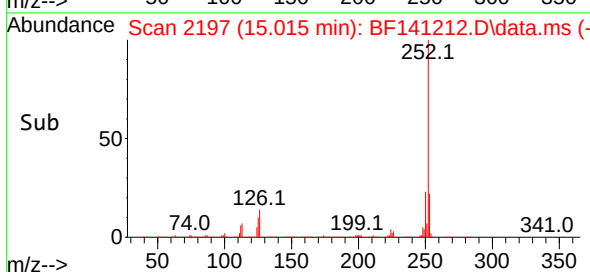
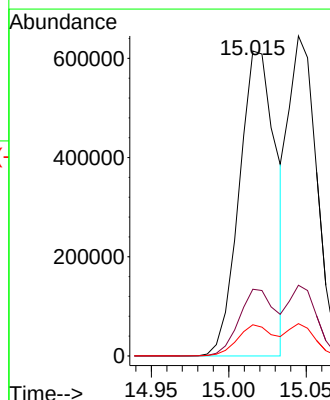
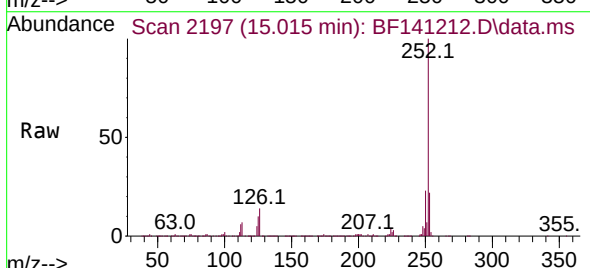
Tgt Ion:252 Resp: 1010647

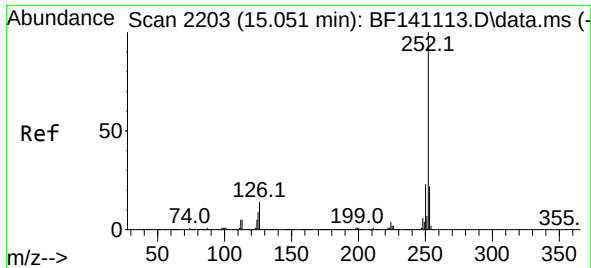
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.2 8.1 12.1





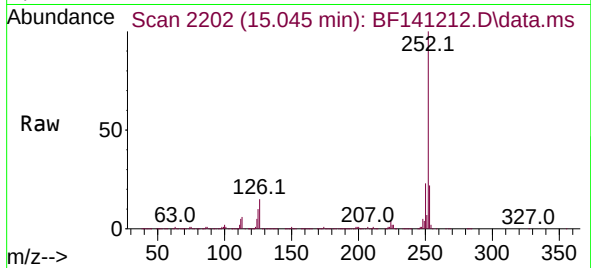
#89
Benzo(k)fluoranthene
Concen: 39.784 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

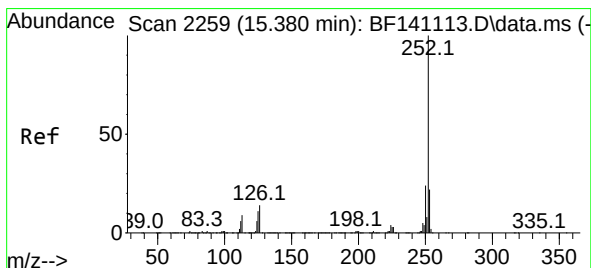
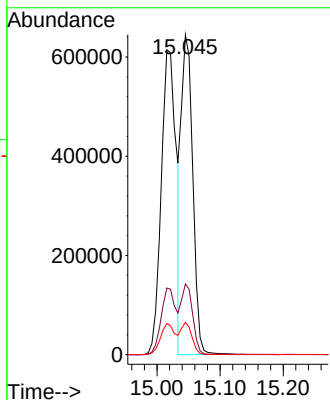
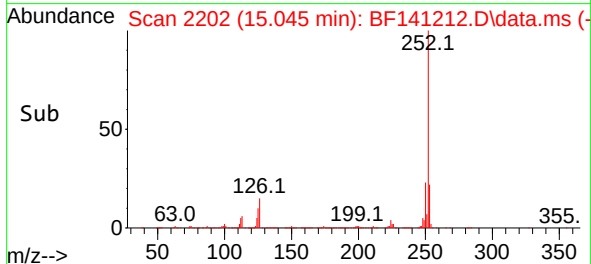


Tgt Ion:252 Resp: 820044
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.1 7.9 11.9

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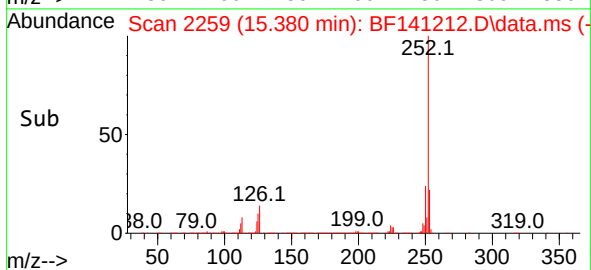
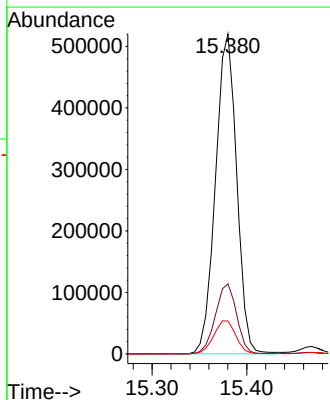
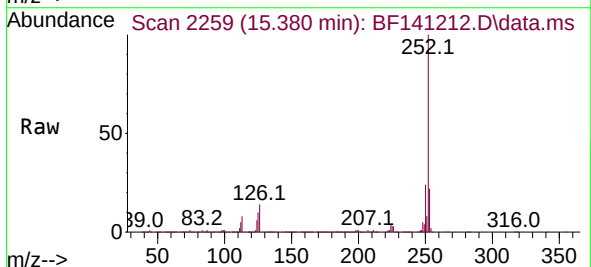
APPROVED

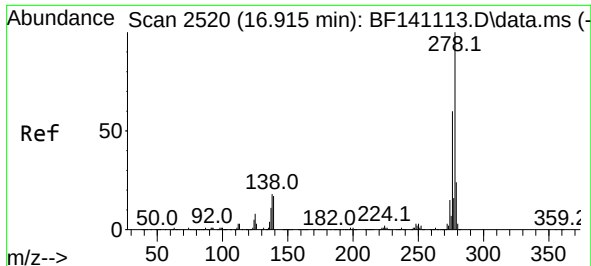
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#90
Benzo(a)pyrene
Concen: 40.203 ng
RT: 15.380 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:252 Resp: 809044
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.3 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 37.699 ng
RT: 16.909 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Instrument :

BNA_F

ClientSampleId :

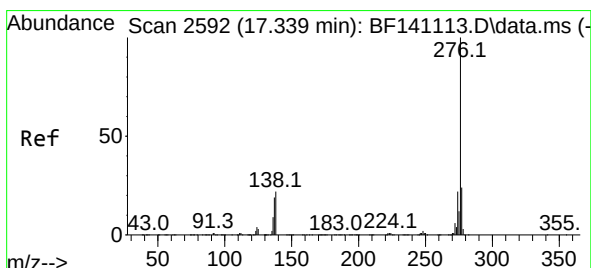
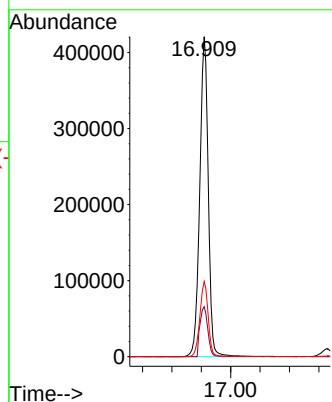
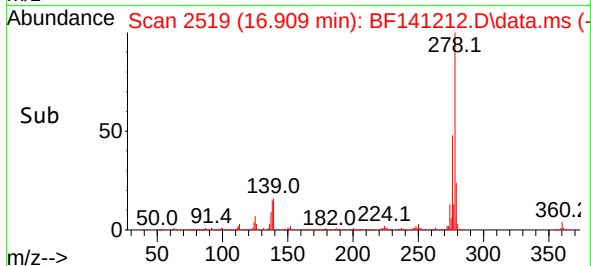
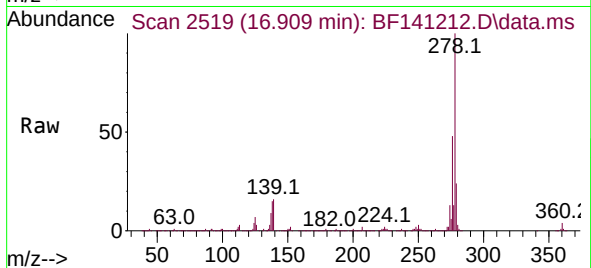
SSTDCCC040

Tgt Ion:278 Resp: 844969
Ion Ratio Lower Upper
278 100
139 15.6 13.8 20.6
279 23.5 19.1 28.7

Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 36.788 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.012 min
Lab File: BF141212.D
Acq: 20 Jan 2025 10:37

Tgt Ion:276 Resp: 857662
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 21.5 17.4 26.2

