

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141159.D
 Acq On : 14 Jan 2025 21:16
 Operator : RC/JU
 Sample : Q1068-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS

Quant Time: Jan 15 00:14:55 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	159697	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	597490	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	276953	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	378415	20.000	ng	0.00
76) Chrysene-d12	13.986	240	313360	20.000	ng	0.00
86) Perylene-d12	15.451	264	270754	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	737144	71.306	ng	0.00
7) Phenol-d6	6.445	99	1069688	81.688	ng	0.00
23) Nitrobenzene-d5	7.381	82	689648	61.185	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	105287	33.364	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1215675	67.029	ng	0.00
79) Terphenyl-d14	12.933	244	1025474	48.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	109172	23.715	ng	99
3) Pyridine	3.334	79	271611	24.060	ng	99
4) n-Nitrosodimethylamine	3.275	42	157019	28.446	ng	98
6) Aniline	6.481	93	194509	16.730	ng	97
8) 2-Chlorophenol	6.604	128	314402	28.347	ng	96
9) Benzaldehyde	6.369	77	44700	5.796	ng	95
10) Phenol	6.463	94	405852	28.953	ng	97
11) bis(2-Chloroethyl)ether	6.557	93	313869	30.045	ng	97
12) 1,3-Dichlorobenzene	6.763	146	342921	27.722	ng	99
13) 1,4-Dichlorobenzene	6.840	146	351773	28.220	ng	99
14) 1,2-Dichlorobenzene	6.992	146	335995	28.896	ng	97
15) Benzyl Alcohol	6.957	79	292587	30.939	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	427345	29.315	ng	98
17) 2-Methylphenol	7.069	107	266970	29.815	ng	99
18) Hexachloroethane	7.334	117	117164	25.991	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	229727	29.782	ng	99
20) 3+4-Methylphenols	7.222	107	334453	29.606	ng	# 88
22) Acetophenone	7.228	105	450535	31.719	ng	96
24) Nitrobenzene	7.404	77	342822	29.183	ng	99
25) Isophorone	7.639	82	614561	31.904	ng	99
26) 2-Nitrophenol	7.716	139	111720	20.907	ng	97
27) 2,4-Dimethylphenol	7.751	122	257519m	35.727	ng	
28) bis(2-Chloroethoxy)met...	7.851	93	377543	31.231	ng	99
29) 2,4-Dichlorophenol	7.957	162	237655	27.762	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	282368	28.857	ng	99
31) Naphthalene	8.128	128	980838	31.129	ng	99
32) Benzoic acid	7.863	122	9674	1.399	ng	# 85
33) 4-Chloroaniline	8.169	127	163530	15.007	ng	99
34) Hexachlorobutadiene	8.245	225	175047	29.689	ng	100
35) Caprolactam	8.522	113	74963	26.747	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	271282	28.976	ng	98
37) 2-Methylnaphthalene	8.816	142	619371	30.847	ng	100
38) 1-Methylnaphthalene	8.916	142	570669	28.839	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	274019	34.472	ng	100
41) Hexachlorocyclopentadiene	8.969	237	54170	20.829	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	92751	17.300	ng	98

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 TR-06-1-10-2025MS

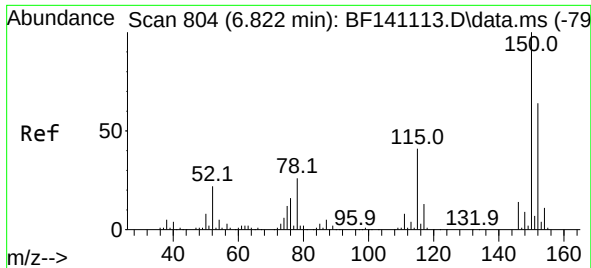
Quant Time: Jan 15 00:14:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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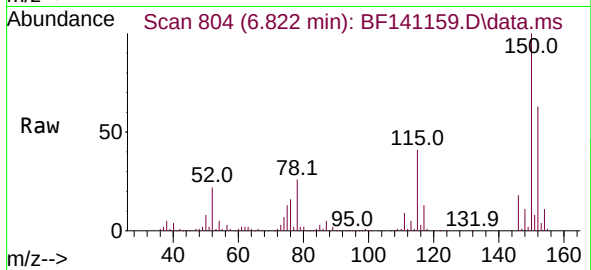
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	125997	22.253	ng	99
46) 1,1'-Biphenyl	9.281	154	731201	33.996	ng	99
47) 2-Chloronaphthalene	9.304	162	529765	31.624	ng	99
48) 2-Nitroaniline	9.398	65	162538	32.731	ng	100
49) Acenaphthylene	9.722	152	940175	39.282	ng	100
50) Dimethylphthalate	9.581	163	629551	33.860	ng	100
51) 2,6-Dinitrotoluene	9.639	165	126808	29.328	ng	95
52) Acenaphthene	9.892	154	508055	30.384	ng	99
53) 3-Nitroaniline	9.804	138	116664	26.552	ng	97
54) 2,4-Dinitrophenol	9.910	184	903	0.439	ng	# 1
55) Dibenzofuran	10.063	168	708420	31.147	ng	100
56) 4-Nitrophenol	9.957	139	71498	20.778	ng	92
57) 2,4-Dinitrotoluene	10.039	165	153859	27.612	ng	99
58) Fluorene	10.404	166	540967	30.615	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	55452	11.782	ng	# 78
60) Diethylphthalate	10.280	149	592887	32.663	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	261653	30.382	ng	95
62) 4-Nitroaniline	10.416	138	114019	26.513	ng	94
63) Azobenzene	10.557	77	567392	31.679	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	1960m	0.894	ng	
66) n-Nitrosodiphenylamine	10.516	169	464955	38.094	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	154974	35.571	ng	100
68) Hexachlorobenzene	10.951	284	159863	32.963	ng	97
69) Atrazine	11.045	200	147638	44.923	ng	99
70) Pentachlorophenol	11.145	266	72280	23.272	ng	99
71) Phenanthrene	11.369	178	793990	39.082	ng	99
72) Anthracene	11.422	178	818690	41.444	ng	100
73) Carbazole	11.575	167	591661	32.665	ng	99
74) Di-n-butylphthalate	11.910	149	760422	36.684	ng	100
75) Fluoranthene	12.557	202	881452	43.478	ng	99
77) Benzidine	12.680	184	139419	23.992	ng	96
78) Pyrene	12.786	202	1075132	35.922	ng	100
80) Butylbenzylphthalate	13.410	149	301572	30.221	ng	99
81) Benzo(a)anthracene	13.980	228	867394	40.673	ng	94
82) 3,3'-Dichlorobenzidine	13.939	252	151012	22.238	ng	98
83) Chrysene	14.016	228	745700	37.370	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	411433	34.363	ng	99
85) Di-n-octyl phthalate	14.586	149	717369	39.677	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	639511	32.240	ng	97
88) Benzo(b)fluoranthene	15.027	252	781207	44.745	ng	100
89) Benzo(k)fluoranthene	15.051	252	617041m	41.821	ng	
90) Benzo(a)pyrene	15.386	252	714076	49.572	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	428753	26.724	ng	98
92) Benzo(g,h,i)perylene	17.345	276	561761	33.663	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

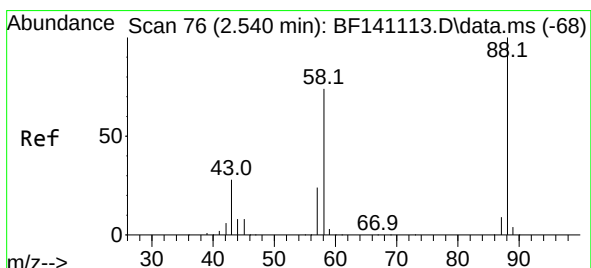
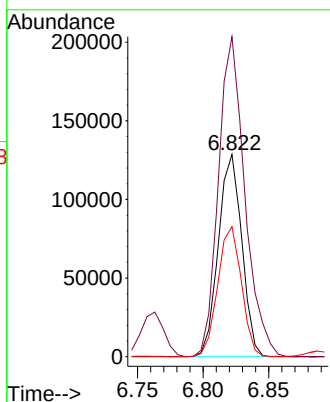
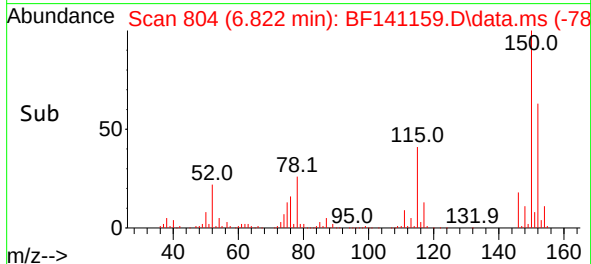
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS



Tgt Ion:152 Resp: 15969
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.8 188.8
 115 64.3 51.4 77.2

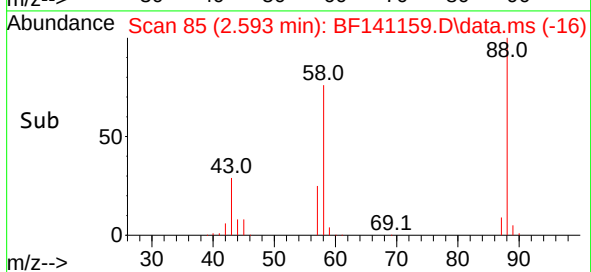
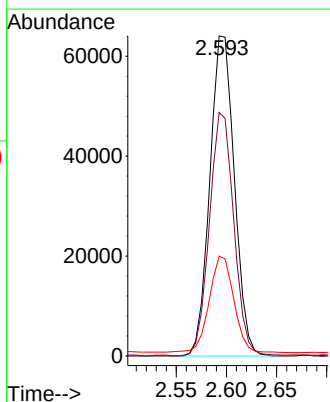
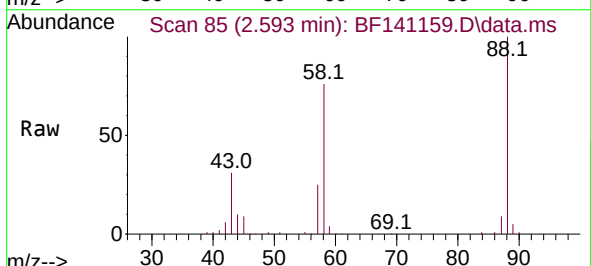
Manual Integrations
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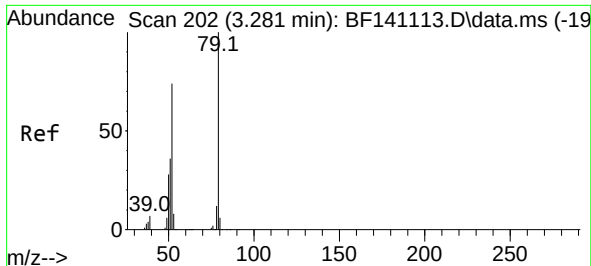
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#2
 1,4-Dioxane
 Concen: 23.715 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.053 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

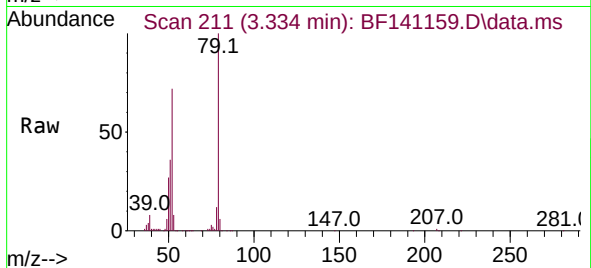
Tgt Ion: 88 Resp: 109172
 Ion Ratio Lower Upper
 88 100
 58 75.7 60.1 90.1
 43 30.3 23.1 34.7





#3
Pyridine
Concen: 24.060 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

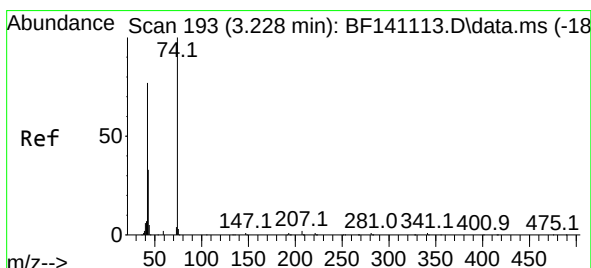
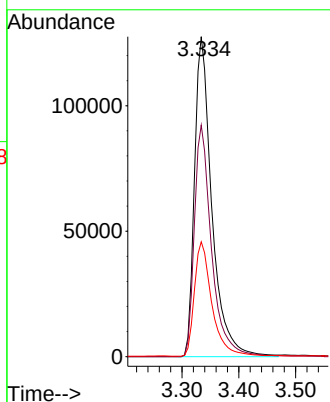
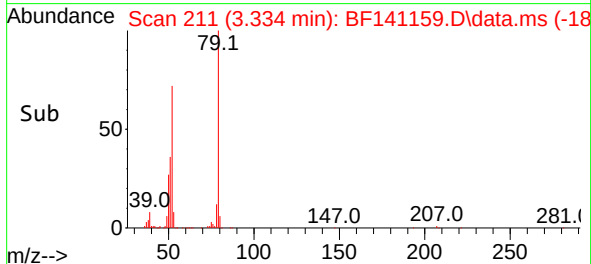
Instrument :
BNA_F
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TR-06-1-10-2025MS



Tgt Ion: 79 Resp: 27161
Ion Ratio Lower Upper
79 100
52 72.3 58.9 88.3
51 35.9 29.1 43.7

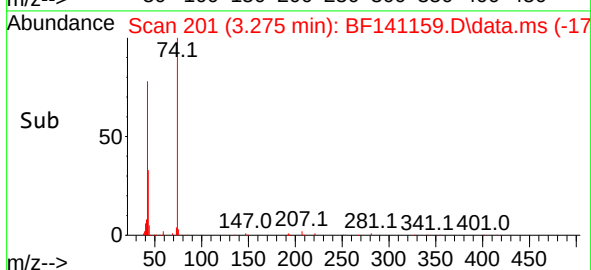
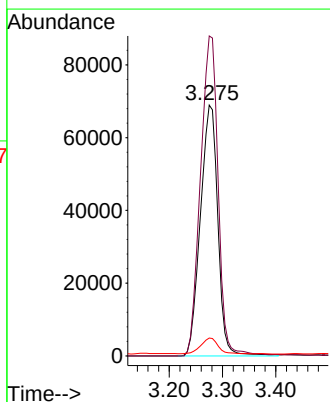
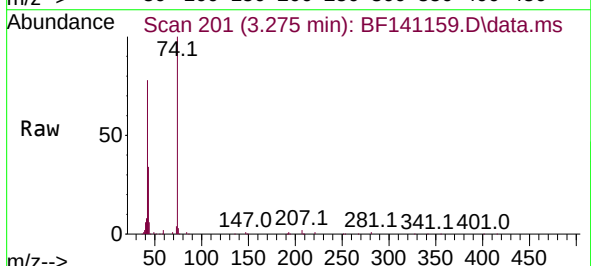
Manual Integrations
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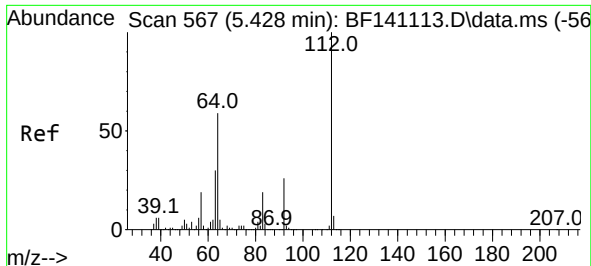
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#4
n-Nitrosodimethylamine
Concen: 28.446 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

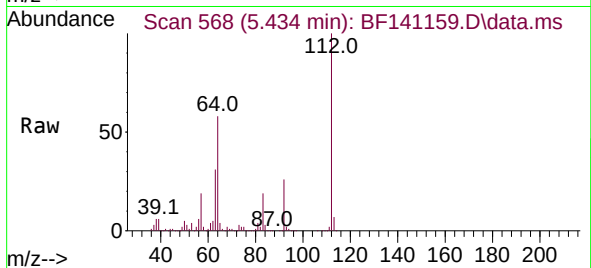
Tgt Ion: 42 Resp: 157019
Ion Ratio Lower Upper
42 100
74 127.6 103.8 155.6
44 7.2 5.3 7.9





#5
2-Fluorophenol
Concen: 71.306 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

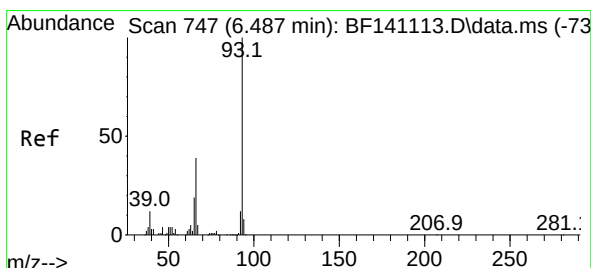
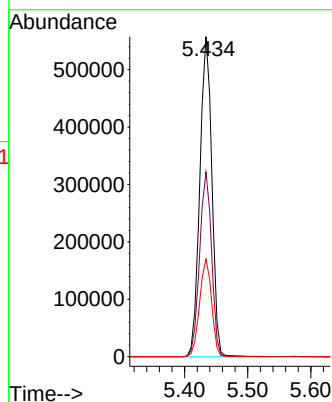
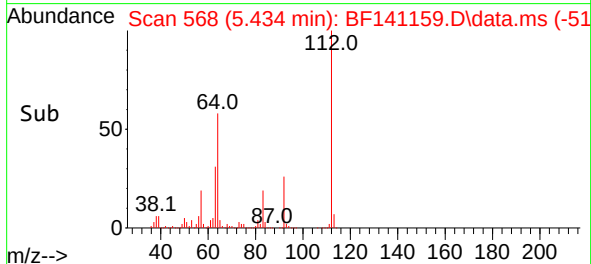
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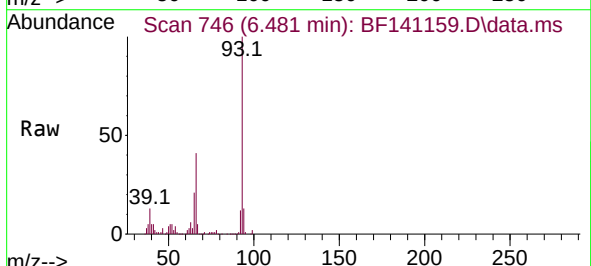
Tgt Ion: 112 Resp: 737144
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.5 24.2 36.2

Manual Integrations
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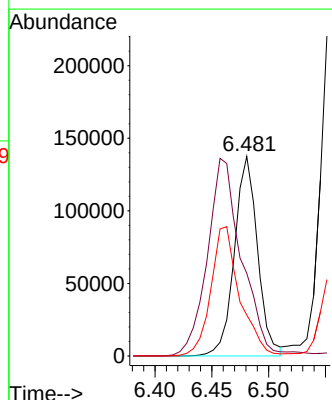
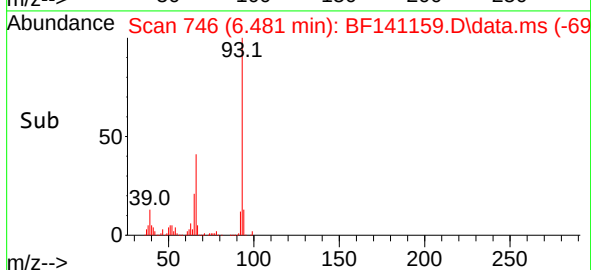
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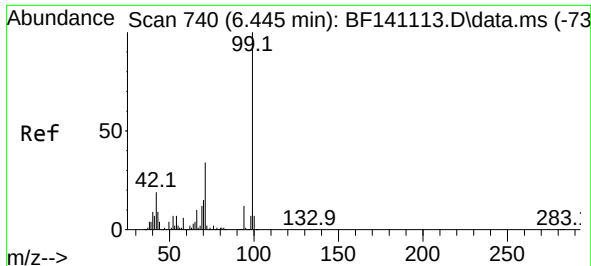


#6
Aniline
Concen: 16.730 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



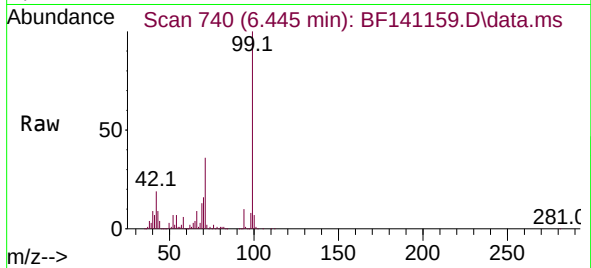
Tgt Ion: 93 Resp: 194509
Ion Ratio Lower Upper
93 100
66 41.4 31.5 47.3
65 20.5 15.3 22.9





#7
Phenol-d6
Concen: 81.688 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

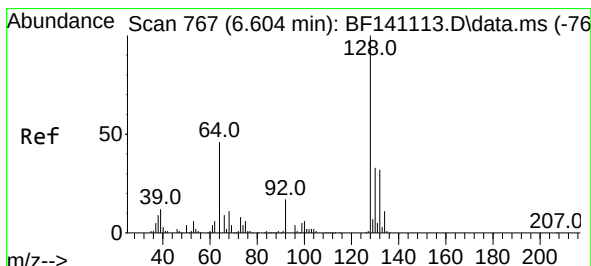
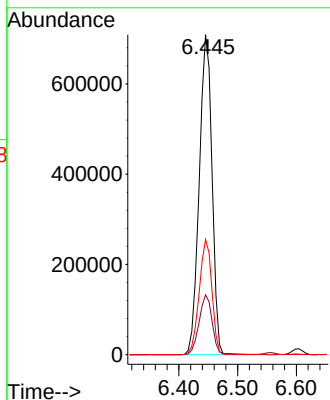
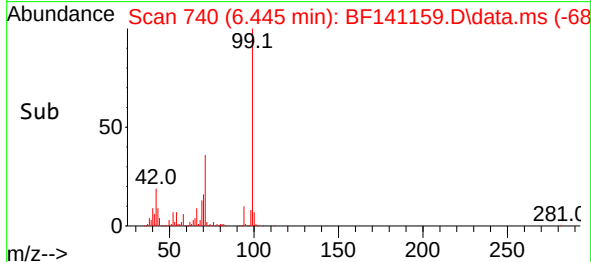
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Tgt Ion: 99 Resp: 106968
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.0 27.6 41.4

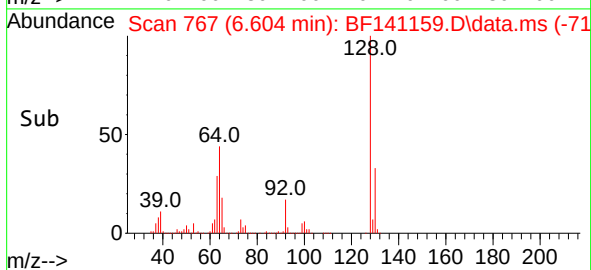
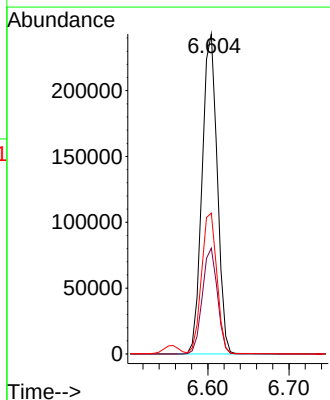
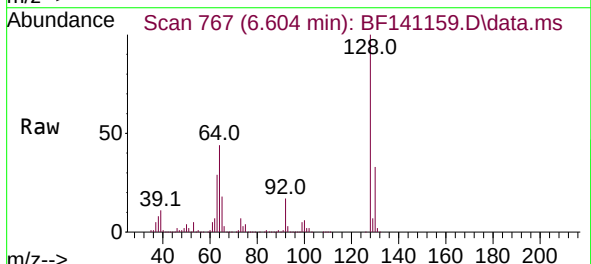
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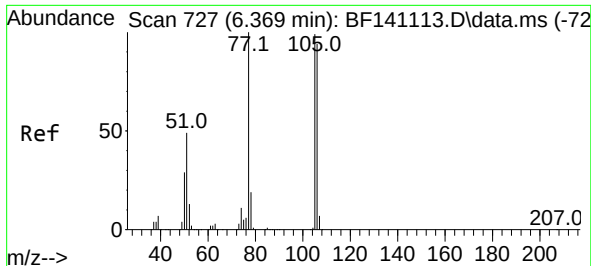
Reviewed By :Yogesh Patel 01/15/2025
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#8
2-Chlorophenol
Concen: 28.347 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

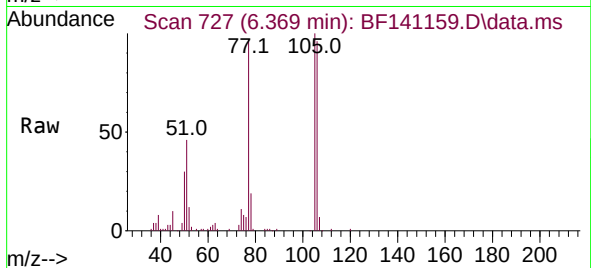
Tgt Ion:128 Resp: 314402
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 44.0 28.3 68.3





#9
Benzaldehyde
Concen: 5.796 ng
RT: 6.369 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

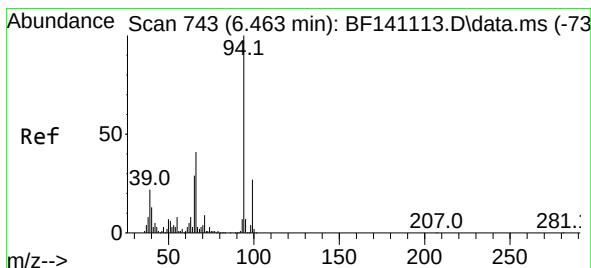
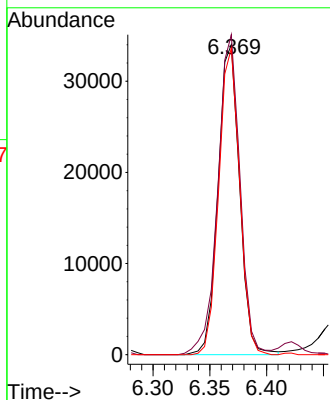
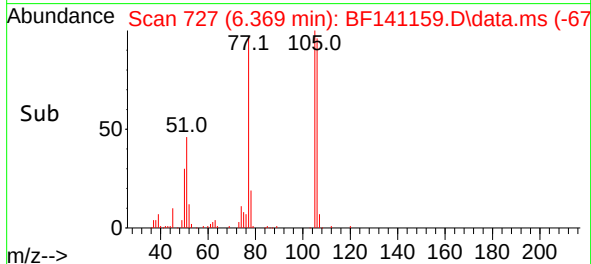
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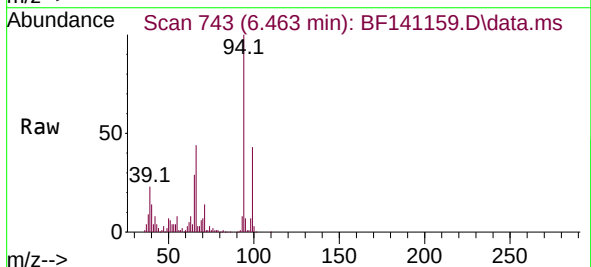
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Ion Ratio Lower Upper
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105 103.2 78.9 118.9
106 98.8 73.6 113.6

Manual Integrations
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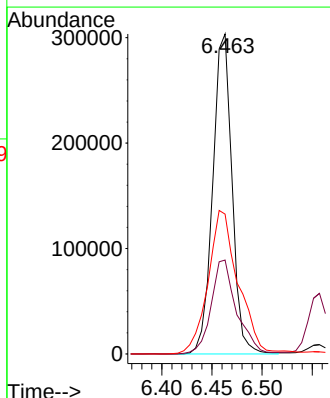
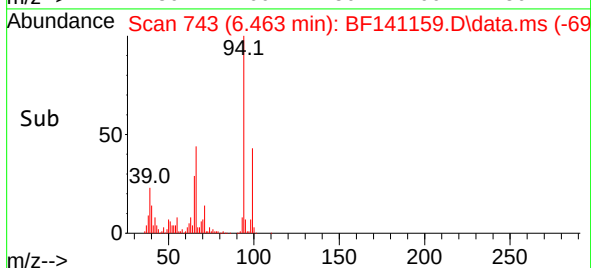
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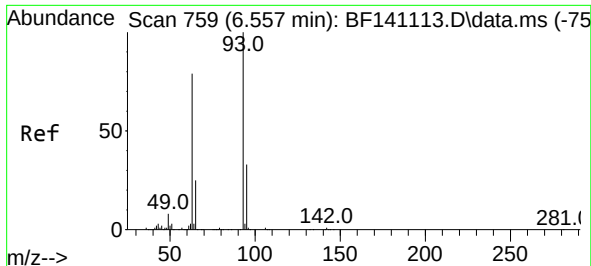


#10
Phenol
Concen: 28.953 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



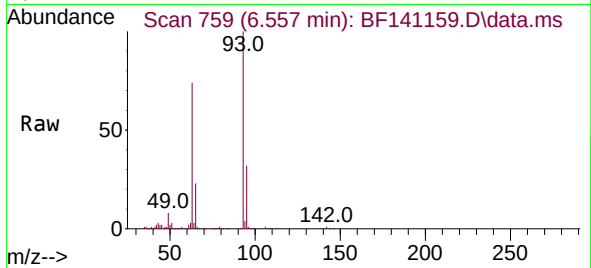
Tgt Ion: 94 Resp: 405852
Ion Ratio Lower Upper
94 100
65 29.4 8.9 48.9
66 43.7 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 30.045 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

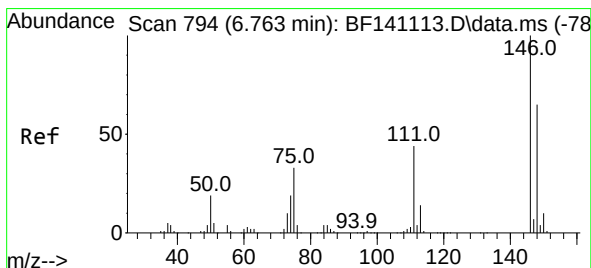
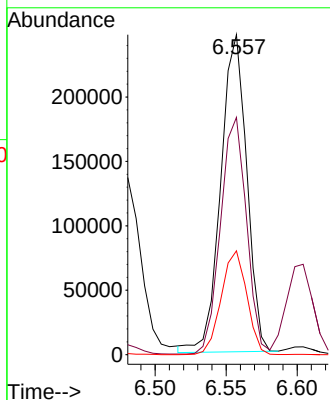
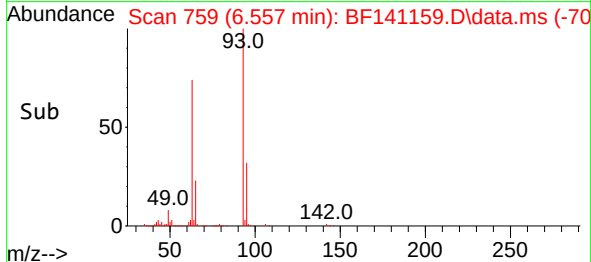
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion: 93 Resp: 313869
Ion Ratio Lower Upper
93 100
63 74.1 58.0 98.0
95 32.4 12.5 52.5

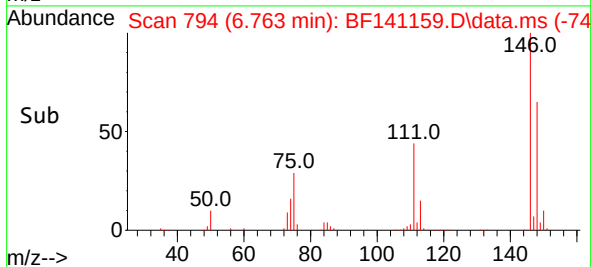
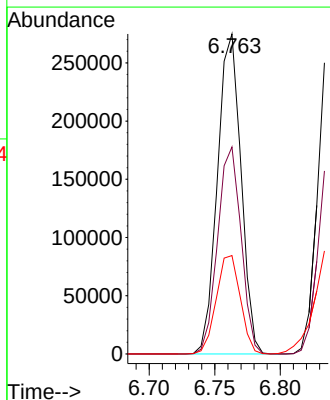
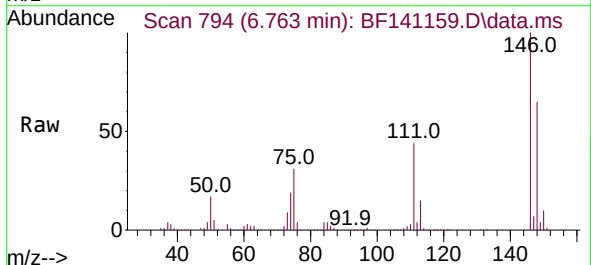
Manual Integrations
APPROVED

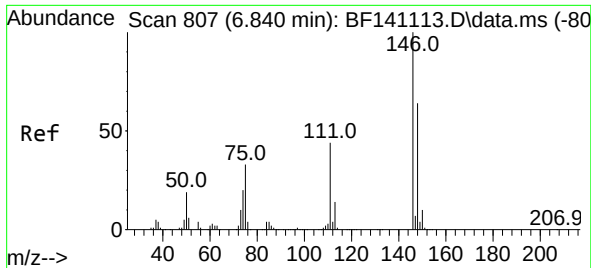
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#12
1,3-Dichlorobenzene
Concen: 27.722 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

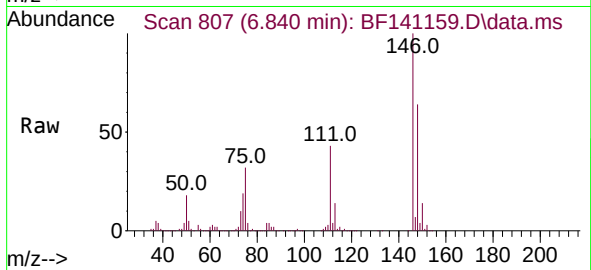
Tgt Ion:146 Resp: 342921
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
75 30.7 26.2 39.2





#13
1,4-Dichlorobenzene
Concen: 28.220 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

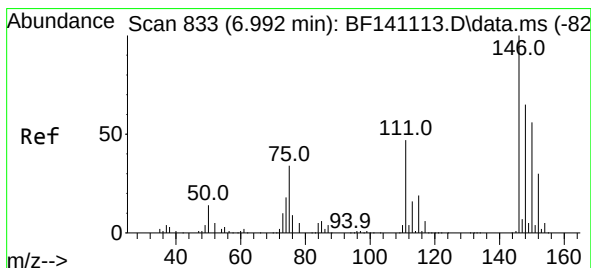
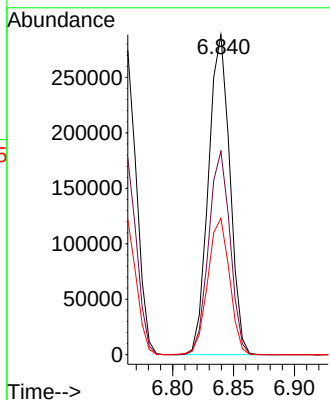
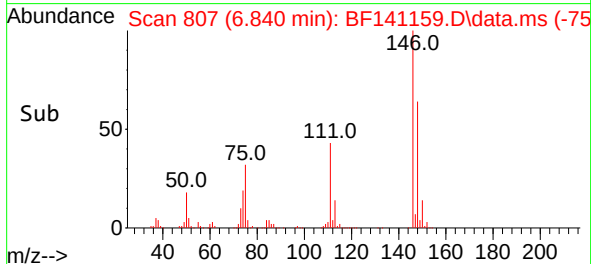
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



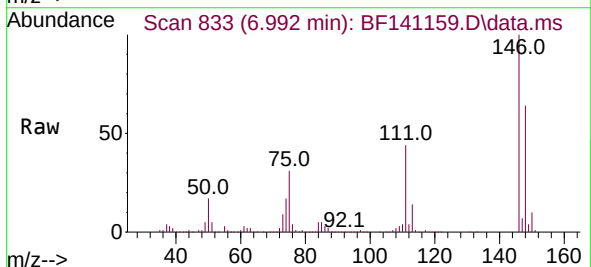
Tgt Ion:146 Resp: 35177
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 42.6 34.9 52.3

Manual Integrations
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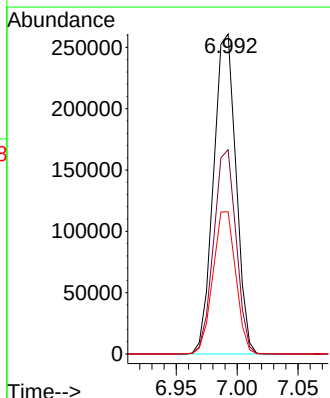
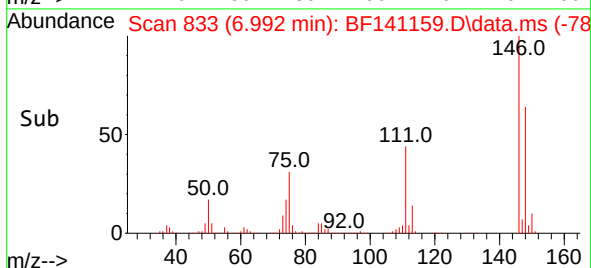
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

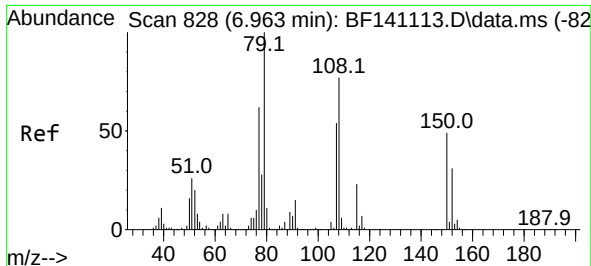


#14
1,2-Dichlorobenzene
Concen: 28.896 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



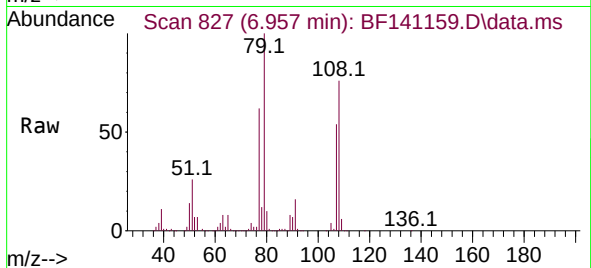
Tgt Ion:146 Resp: 335995
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 44.4 37.5 56.3





#15
Benzyl Alcohol
Concen: 30.939 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

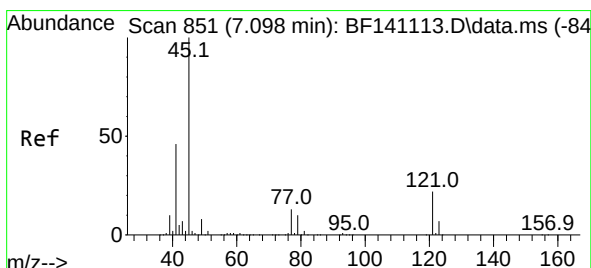
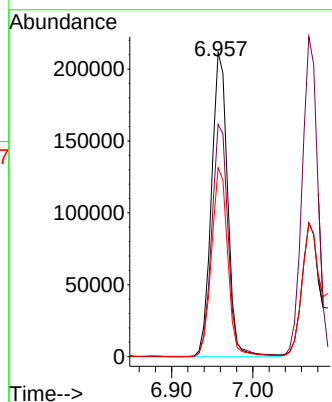
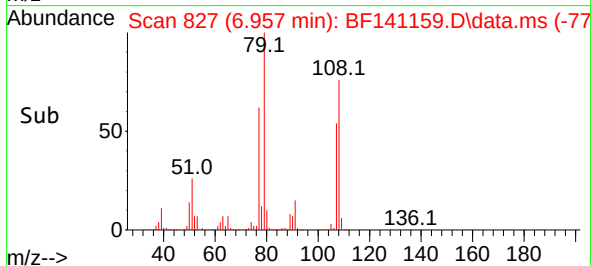
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion: 79 Resp: 29258
Ion Ratio Lower Upper
79 100
108 76.3 61.4 92.0
77 62.1 49.8 74.6

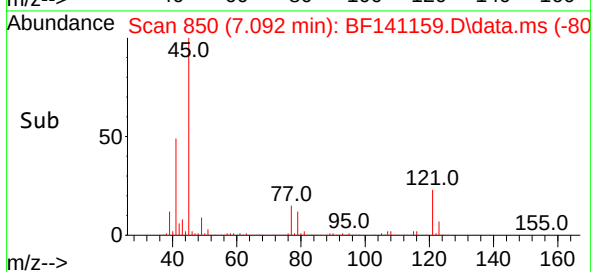
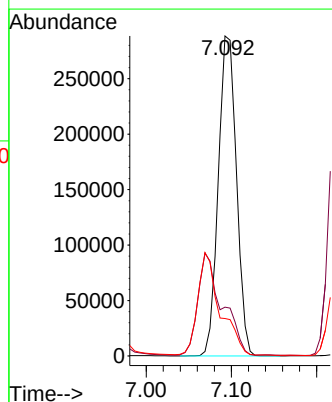
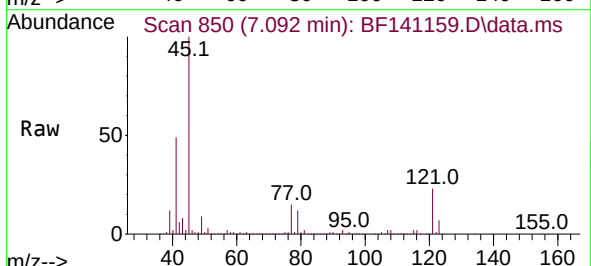
Manual Integrations
APPROVED

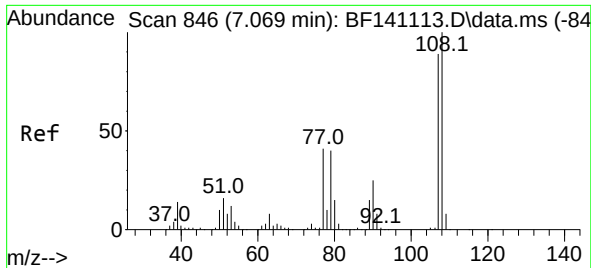
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.315 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

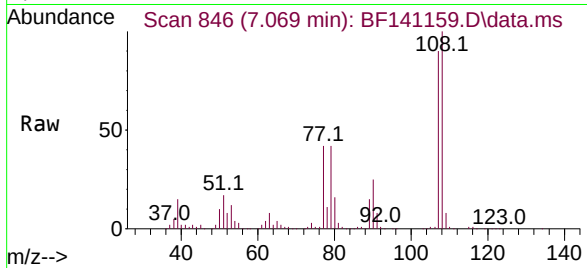
Tgt Ion: 45 Resp: 427345
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.1
79 11.7 0.0 31.0





#17
2-Methylphenol
Concen: 29.815 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

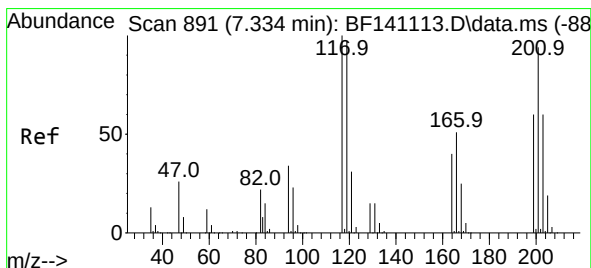
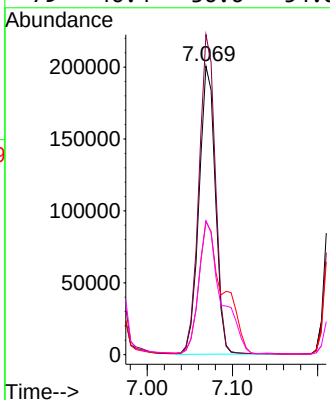
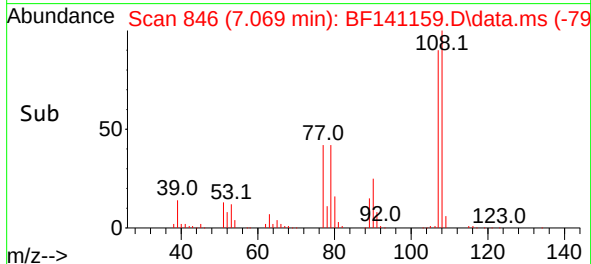
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:107 Resp: 266970
Ion Ratio Lower Upper
107 100
108 110.9 90.1 135.1
77 46.2 36.6 55.0
79 46.4 36.6 54.8

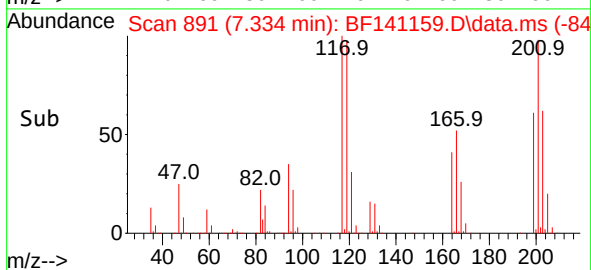
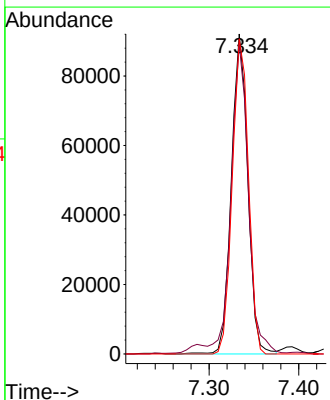
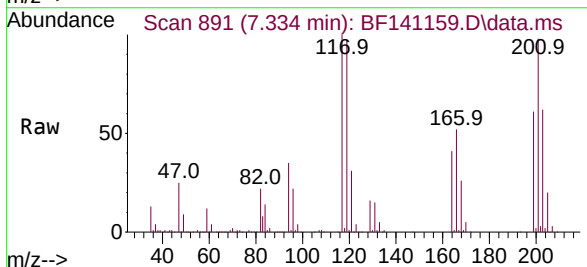
Manual Integrations
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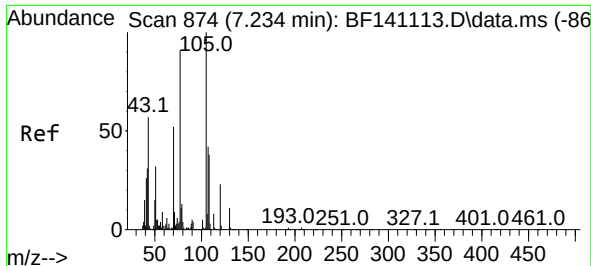
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#18
Hexachloroethane
Concen: 25.991 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

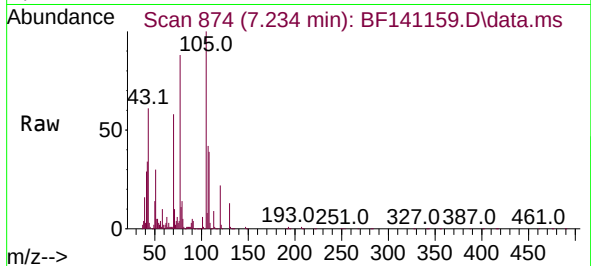
Tgt Ion:117 Resp: 117164
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4
201 98.5 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 29.782 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

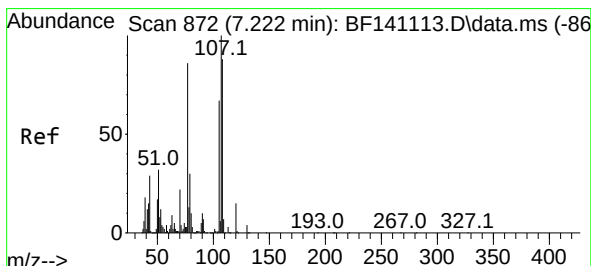
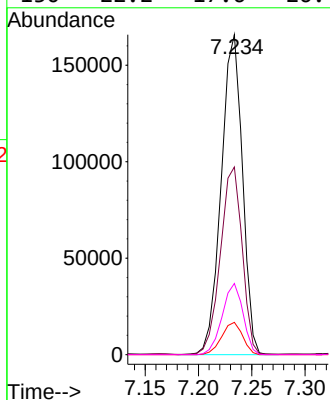
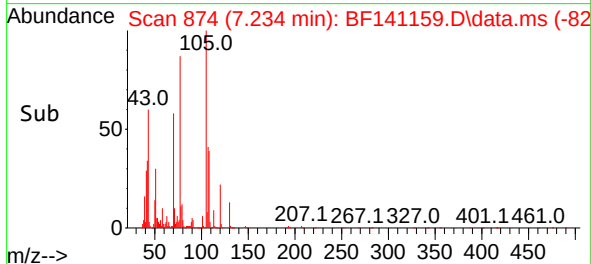
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



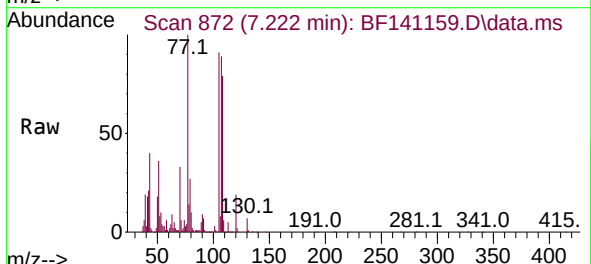
Tgt Ion: 70 Resp: 22972
Ion Ratio Lower Upper
70 100
42 58.7 47.8 71.6
101 10.1 7.9 11.9
130 22.2 17.6 26.4

Manual Integrations
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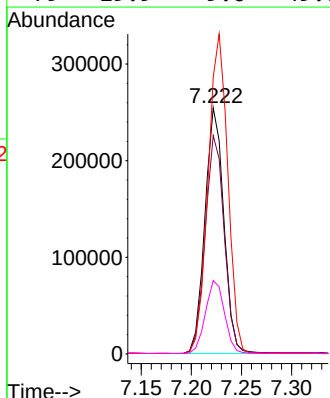
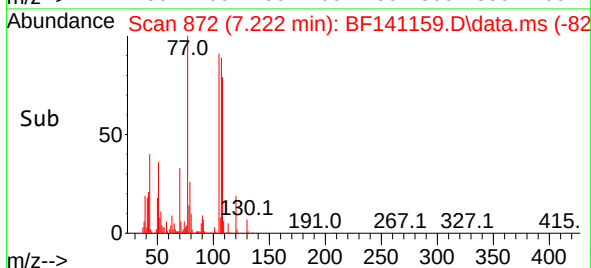
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

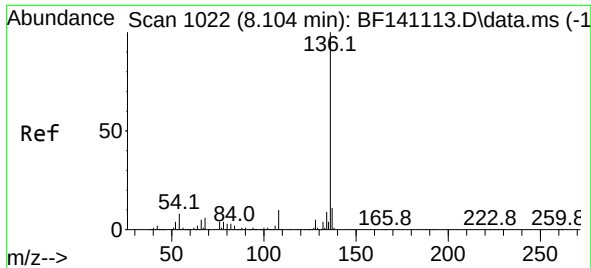


#20
3+4-Methylphenols
Concen: 29.606 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



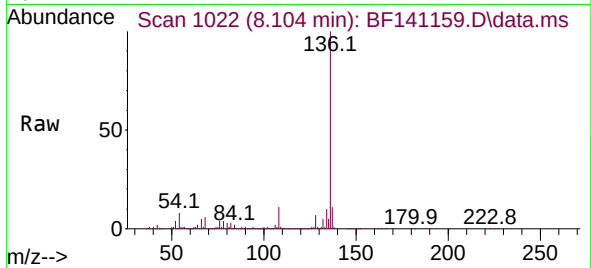
Tgt Ion:107 Resp: 334453
Ion Ratio Lower Upper
107 100
108 88.8 68.3 108.3
77 112.5 66.4 106.4#
79 29.9 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

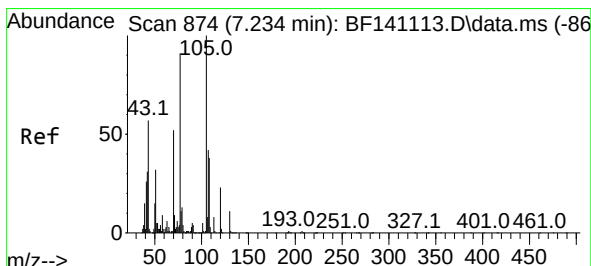
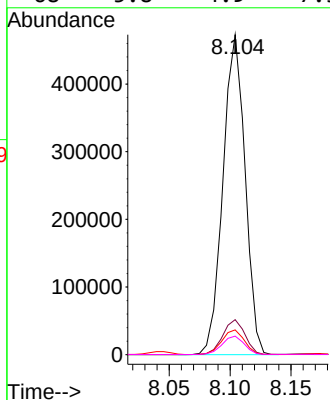
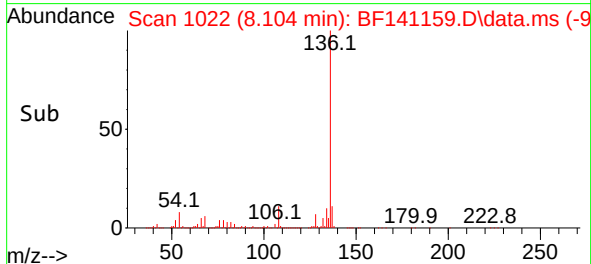


Tgt Ion:136 Resp: 597490

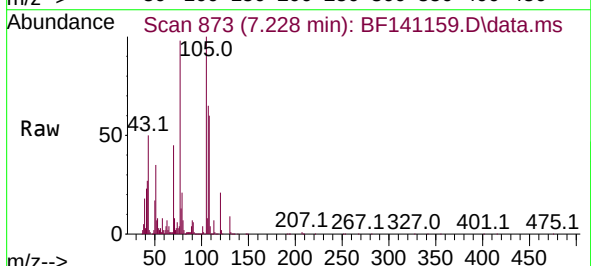
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.8	4.9	7.3

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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

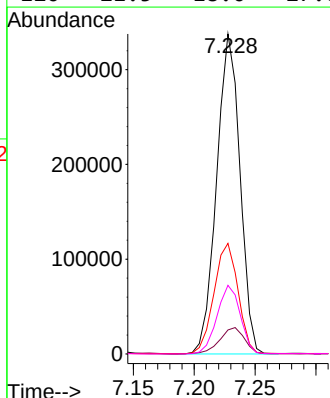
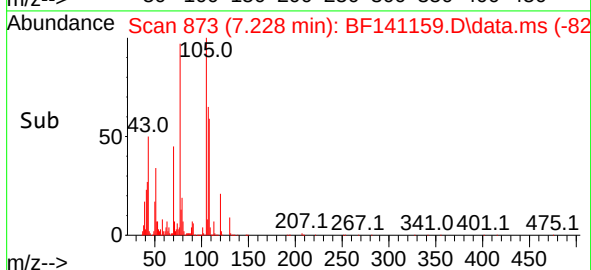


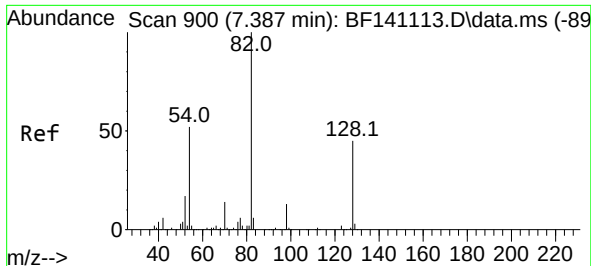
#22
Acetophenone
Concen: 31.719 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



Tgt Ion:105 Resp: 450535

Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.1	10.7
51	34.6	25.4	38.2
120	21.5	18.0	27.0





#23

Nitrobenzene-d5

Concen: 61.185 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion: 82 Resp: 68964

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

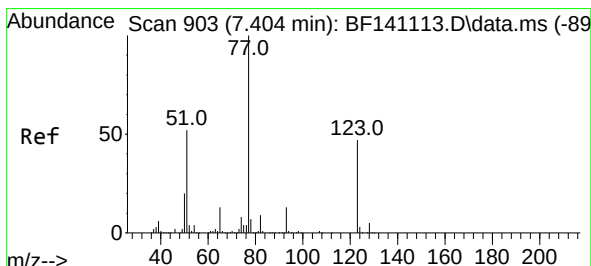
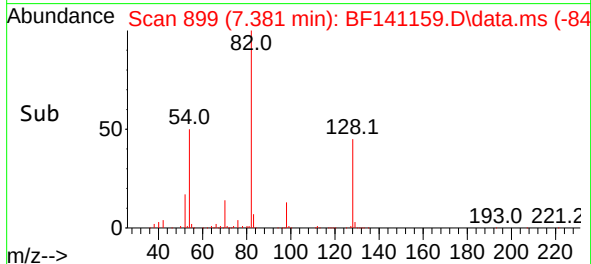
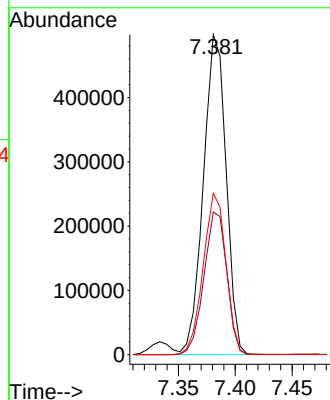
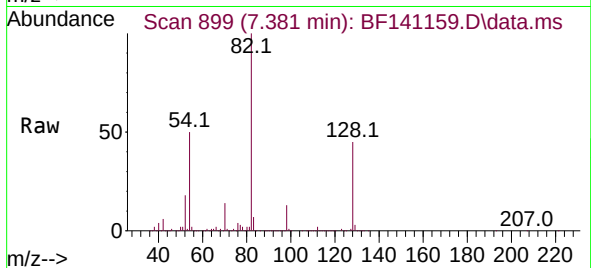
54 50.4 41.0 61.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#24

Nitrobenzene

Concen: 29.183 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

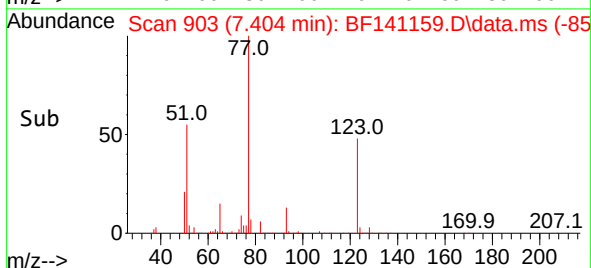
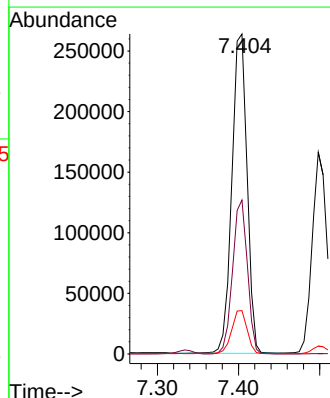
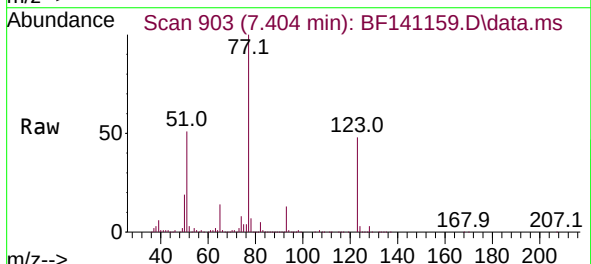
Tgt Ion: 77 Resp: 342822

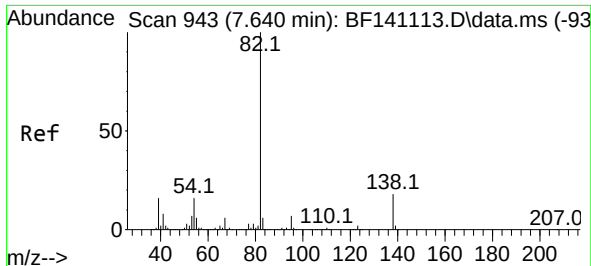
Ion Ratio Lower Upper

77 100

123 48.1 37.7 56.5

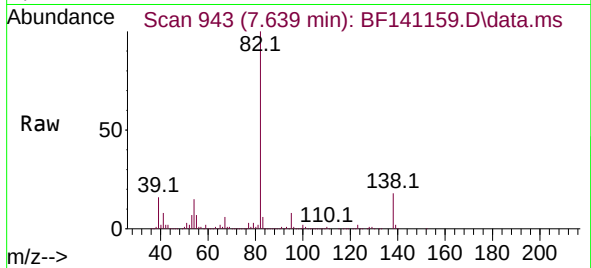
65 13.6 10.6 16.0





#25
Isophorone
Concen: 31.904 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

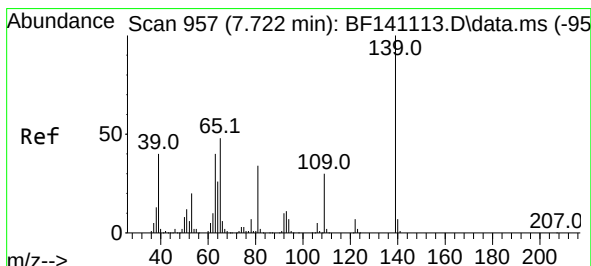
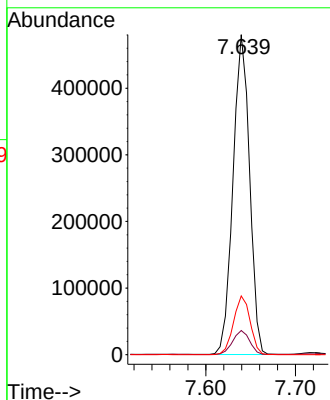
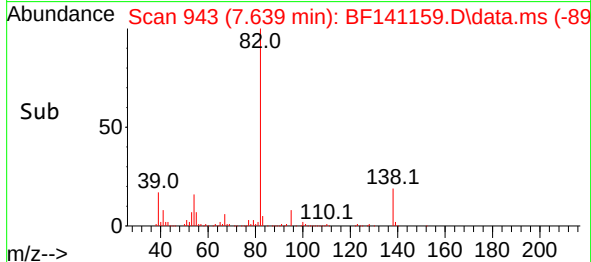
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion: 82 Resp: 61456
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.4 14.2 21.2

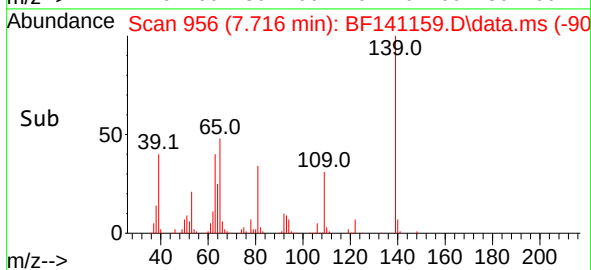
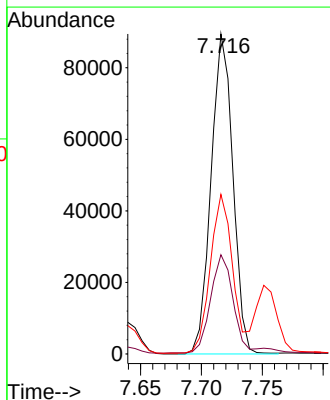
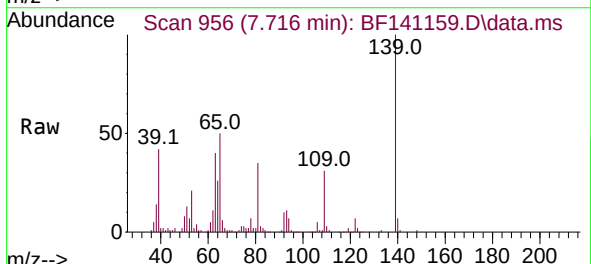
Manual Integrations
APPROVED

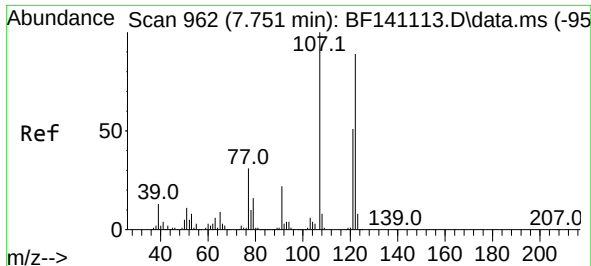
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#26
2-Nitrophenol
Concen: 20.907 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

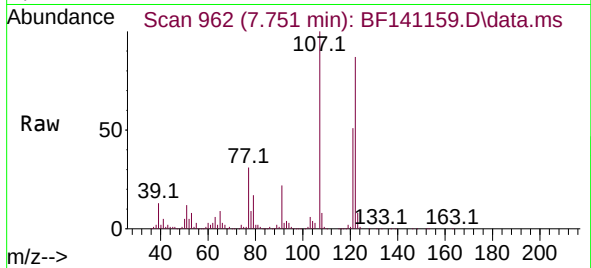
Tgt Ion:139 Resp: 111720
Ion Ratio Lower Upper
139 100
109 31.0 23.8 35.6
65 49.8 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 35.727 ng m
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

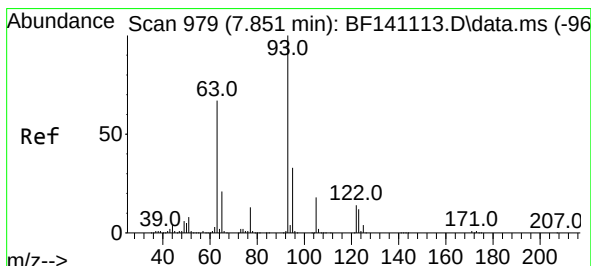
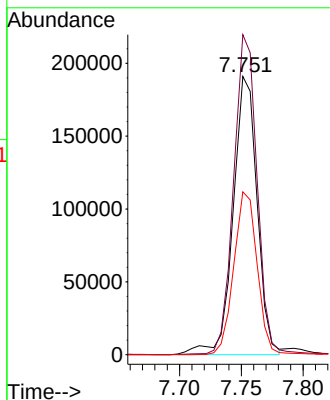
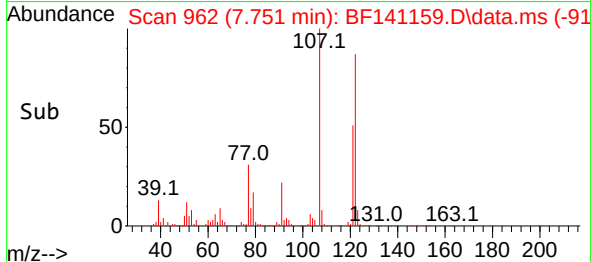
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:122 Resp: 257519
Ion Ratio Lower Upper
122 100
107 115.0 90.3 135.5
121 58.5 46.5 69.7

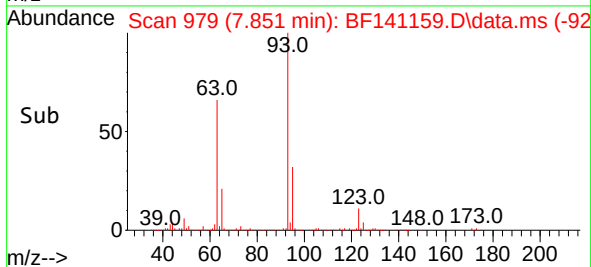
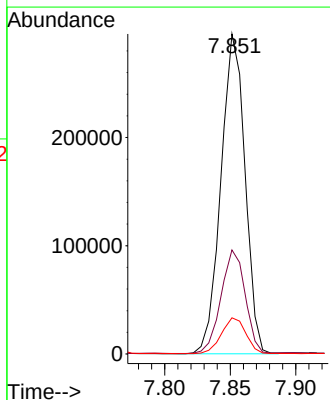
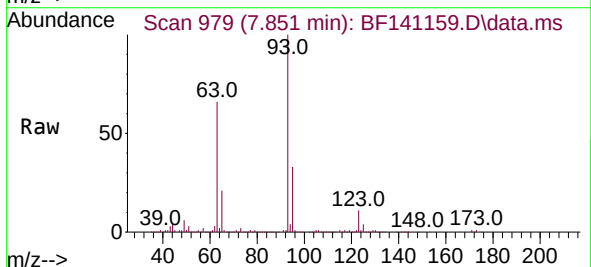
Manual Integrations
APPROVED

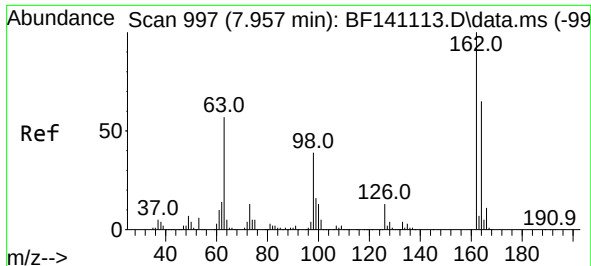
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 31.231 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion: 93 Resp: 377543
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 27.762 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141159.D

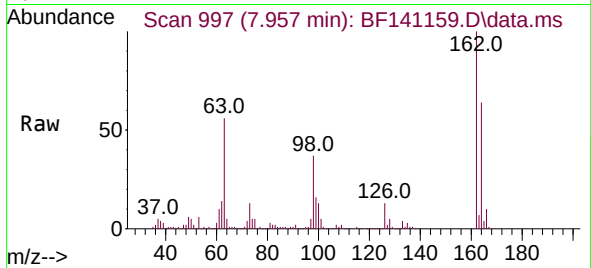
Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS



Tgt Ion:162 Resp: 237658

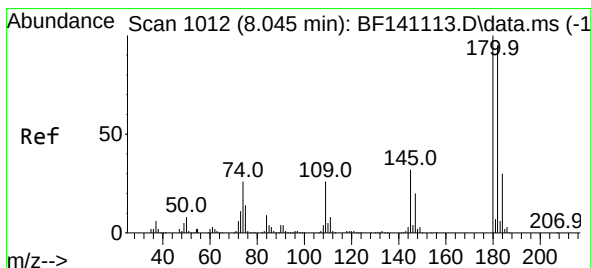
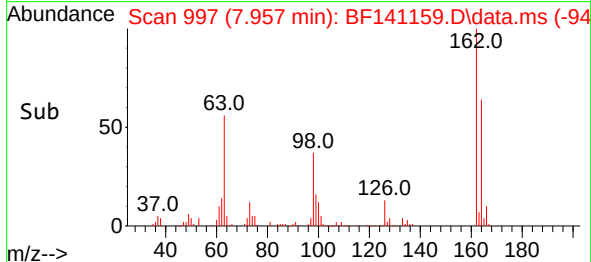
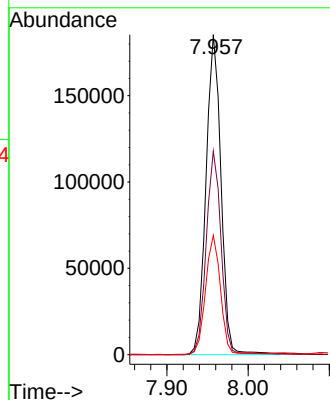
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.5	84.5
98	37.3	18.5	58.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 28.857 ng

RT: 8.045 min Scan# 1012

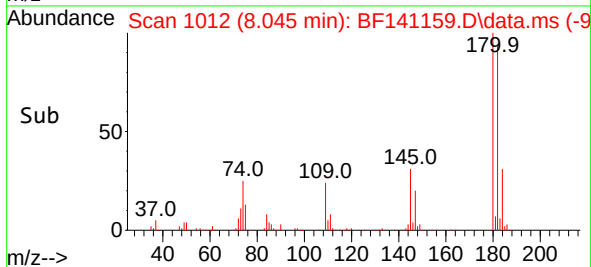
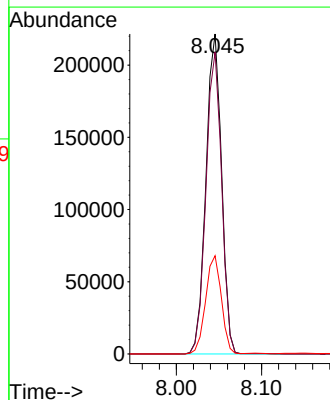
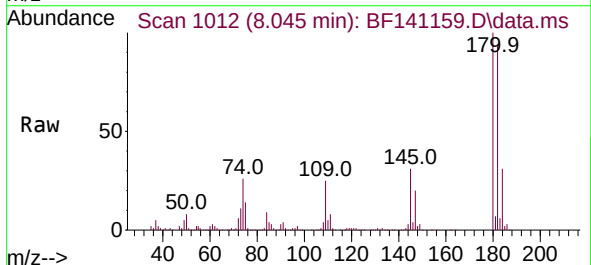
Delta R.T. -0.000 min

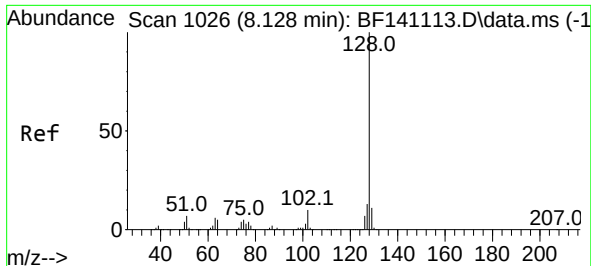
Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Tgt Ion:180 Resp: 282368

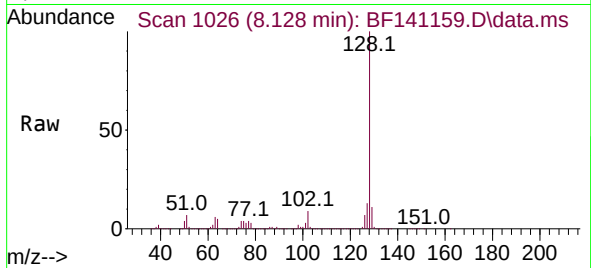
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.2
145	30.7	25.3	37.9





#31
Naphthalene
Concen: 31.129 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

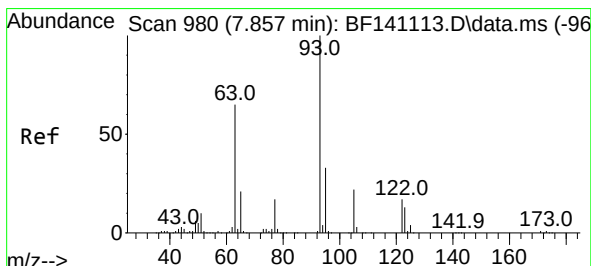
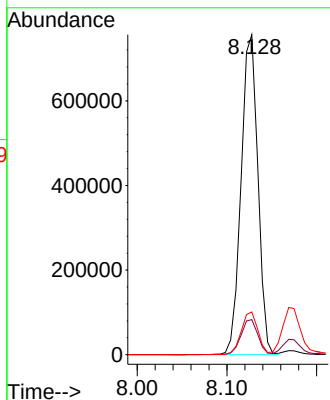
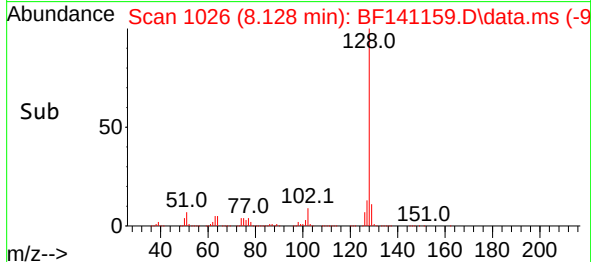
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:128 Resp: 980838
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2

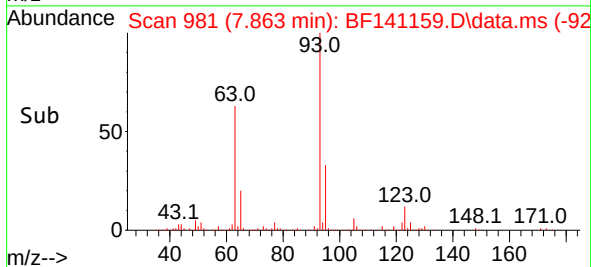
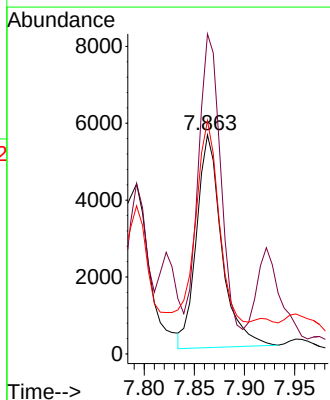
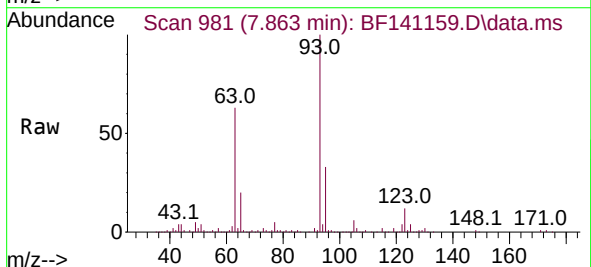
Manual Integrations
APPROVED

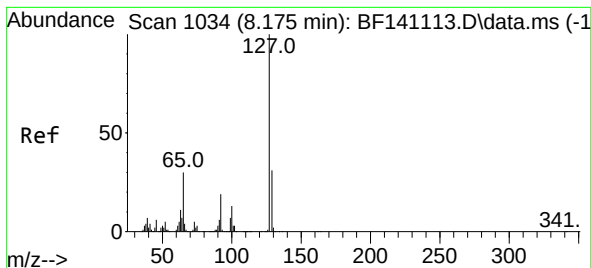
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#32
Benzoic acid
Concen: 1.399 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:122 Resp: 9674
Ion Ratio Lower Upper
122 100
105 146.1 105.5 145.5#
77 106.6 75.1 115.1





#33

4-Chloroaniline

Concen: 15.007 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:127 Resp: 163530

Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.8 35.8

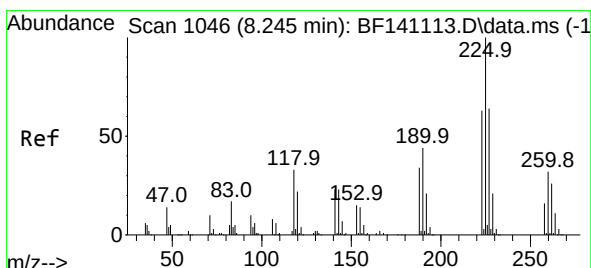
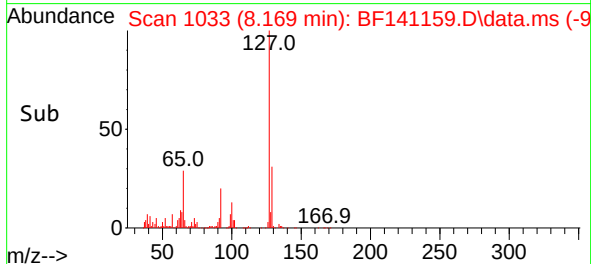
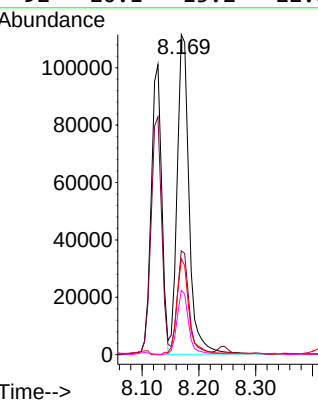
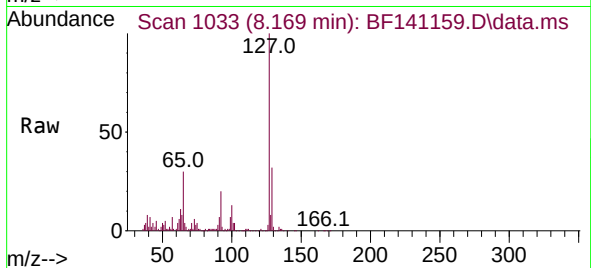
92 20.1 15.2 22.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#34

Hexachlorobutadiene

Concen: 29.689 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

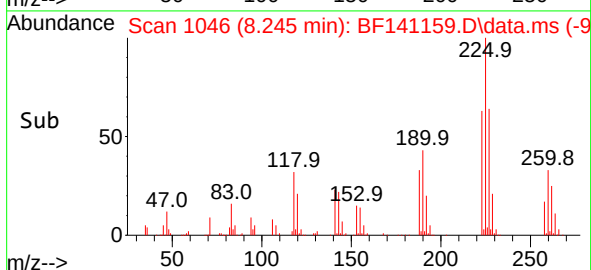
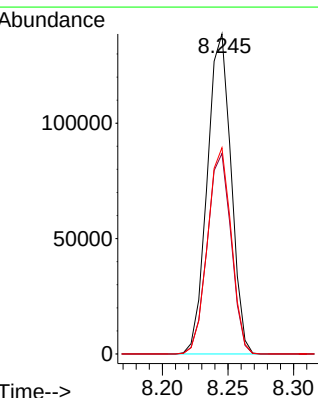
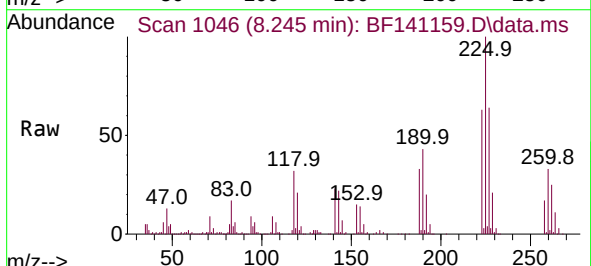
Tgt Ion:225 Resp: 175047

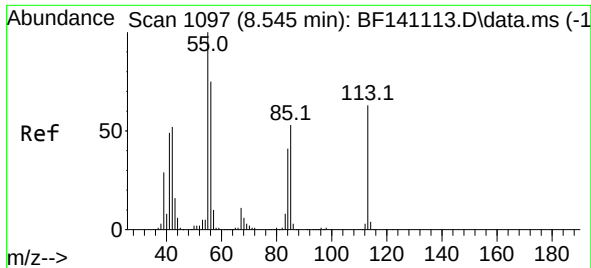
Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

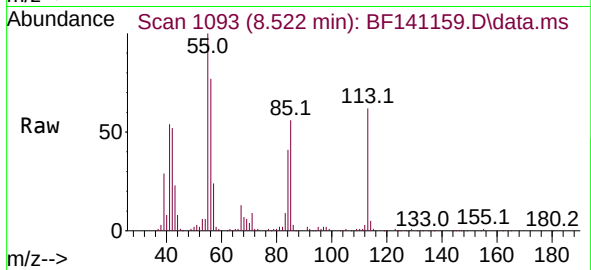
227 64.4 51.6 77.4





#35
Caprolactam
Concen: 26.747 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

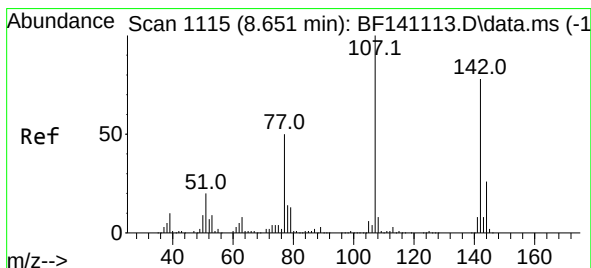
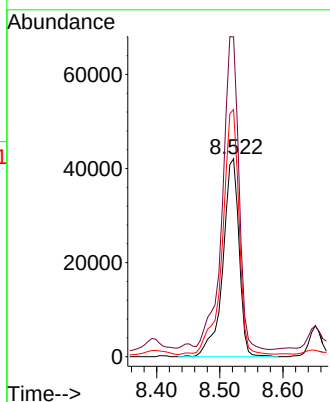
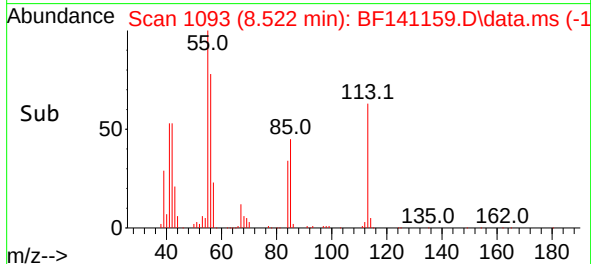
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:113 Resp: 7496
Ion Ratio Lower Upper
113 100
55 161.7 139.7 179.7
56 124.9 99.4 139.4

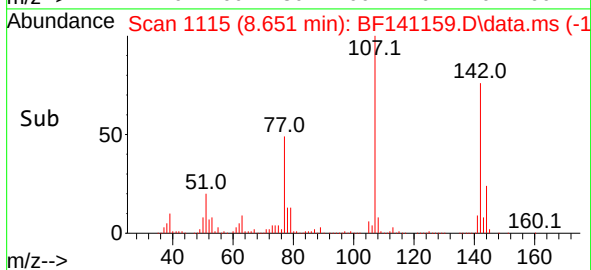
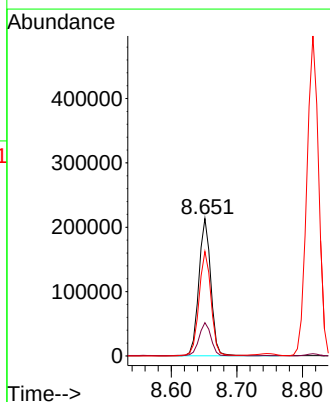
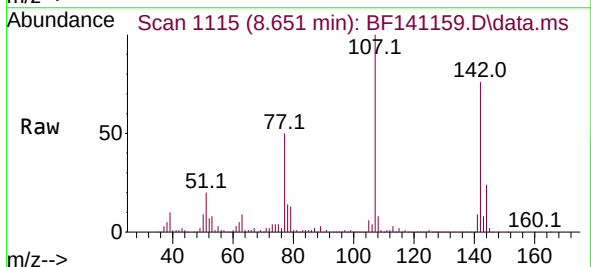
Manual Integrations
APPROVED

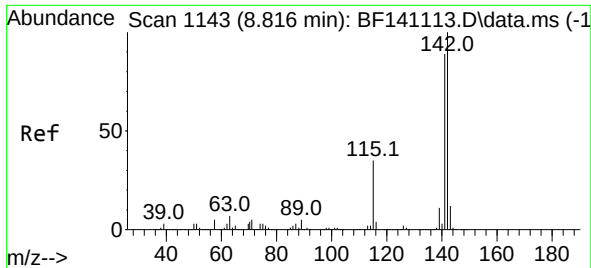
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#36
4-Chloro-3-methylphenol
Concen: 28.976 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

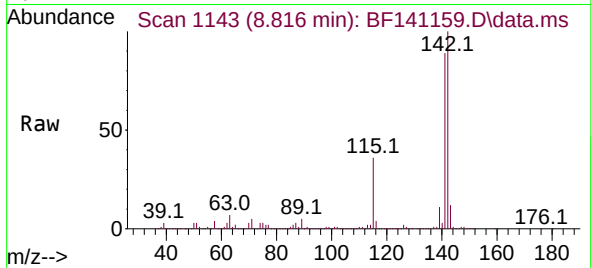
Tgt Ion:107 Resp: 271282
Ion Ratio Lower Upper
107 100
144 24.2 20.4 30.6
142 76.1 62.2 93.2





#37
2-Methylnaphthalene
Concen: 30.847 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

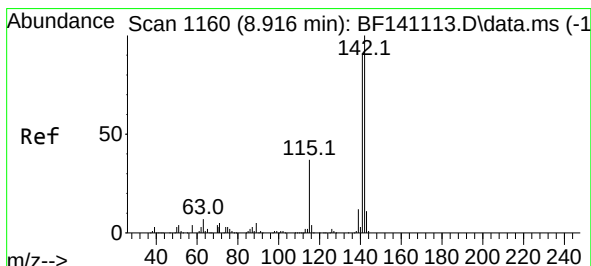
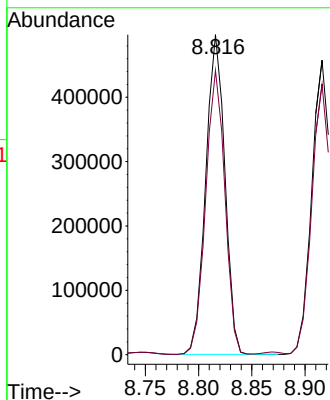
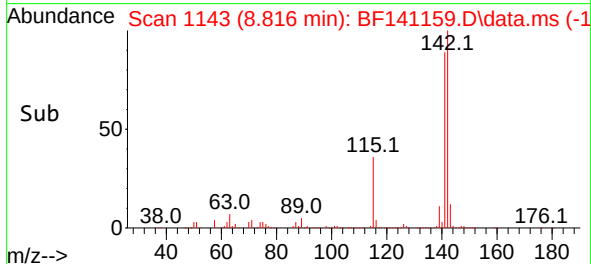
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:142 Resp: 61937
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9

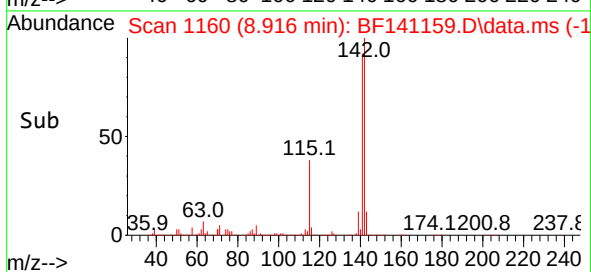
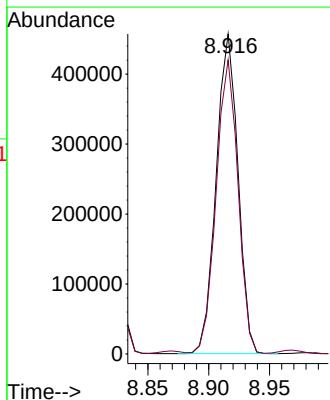
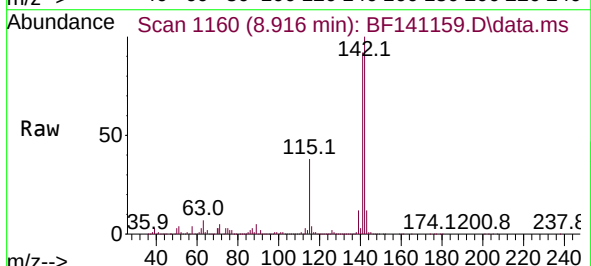
Manual Integrations
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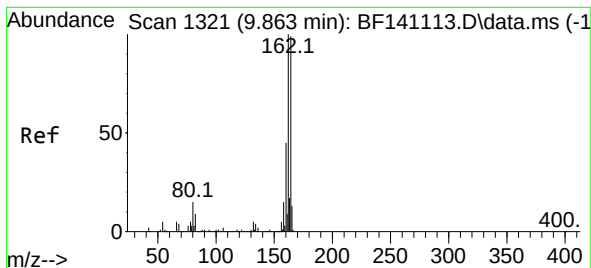
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#38
1-Methylnaphthalene
Concen: 28.839 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:142 Resp: 570669
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141159.D

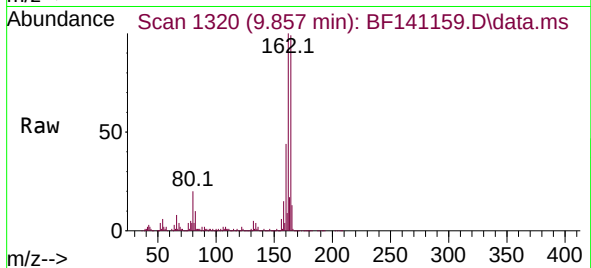
Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS



Tgt Ion:164 Resp: 27695

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

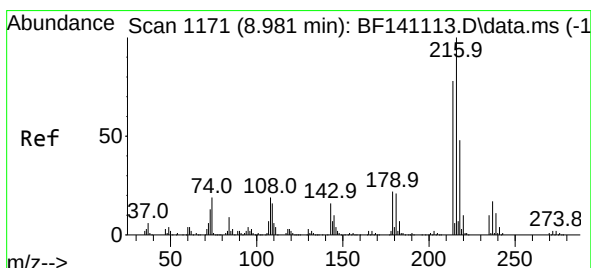
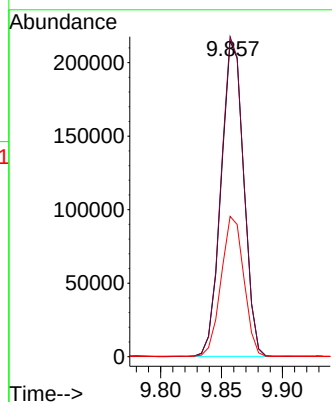
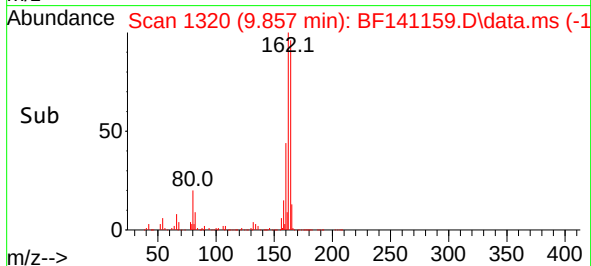
160 44.4 36.1 54.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.472 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Tgt Ion:216 Resp: 274019

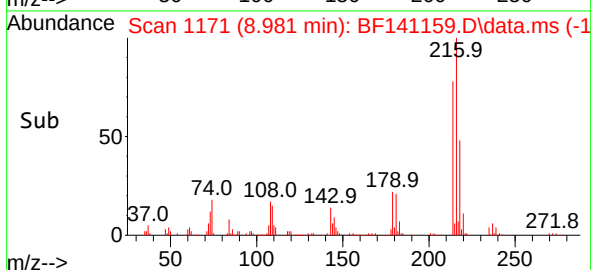
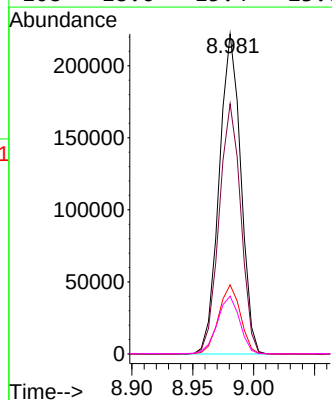
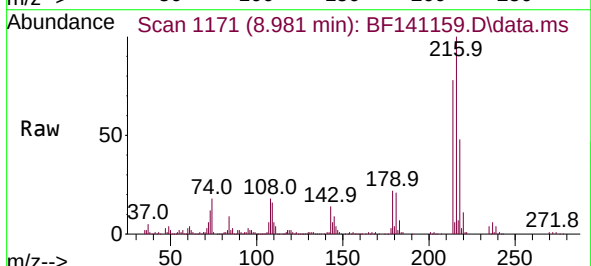
Ion Ratio Lower Upper

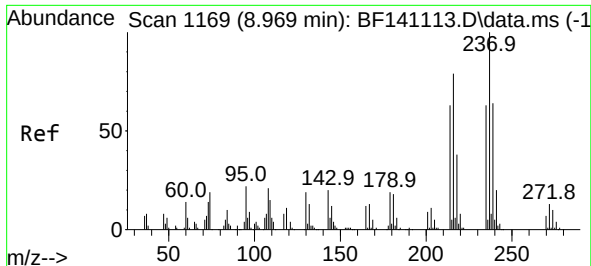
216 100

214 78.2 62.6 94.0

179 22.1 17.7 26.5

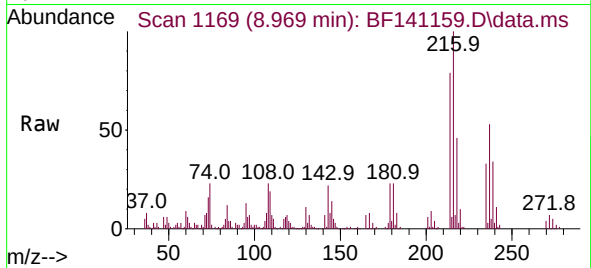
108 18.6 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 20.829 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

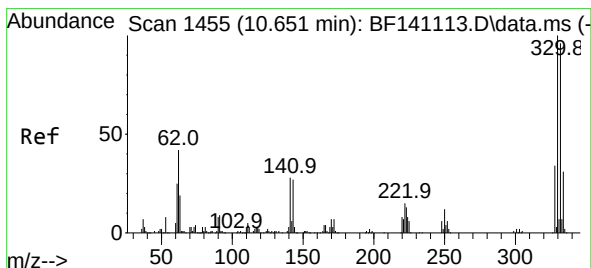
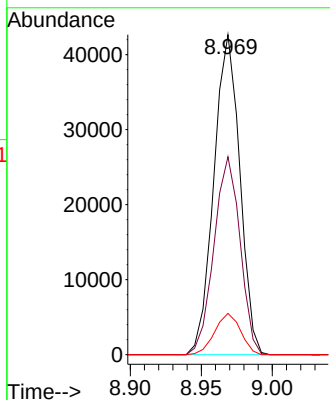
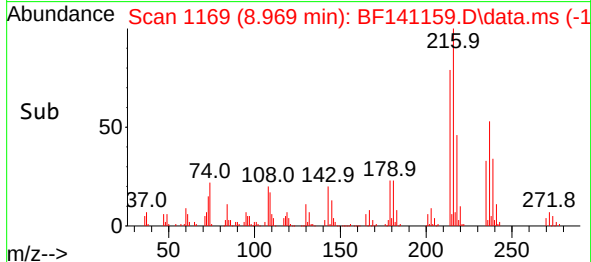
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



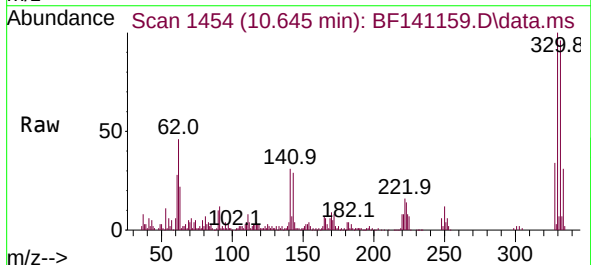
Tgt Ion: 237 Resp: 54170
Ion Ratio Lower Upper
237 100
235 61.9 43.0 83.0
272 12.9 0.0 33.0

Manual Integrations
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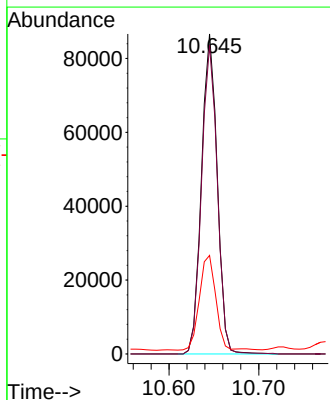
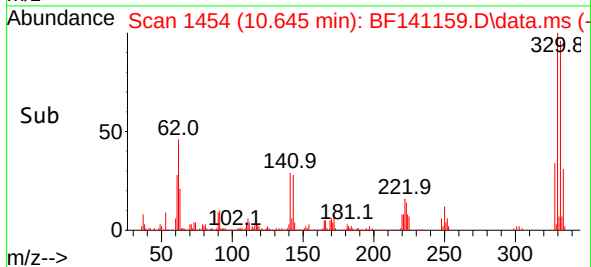
Reviewed By : Yogesh Patel 01/15/2025
Supervised By : Jagrut Upadhyay 01/15/2025

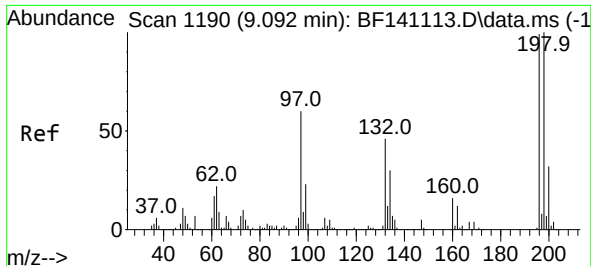


#42
2,4,6-Tribromophenol
Concen: 33.364 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



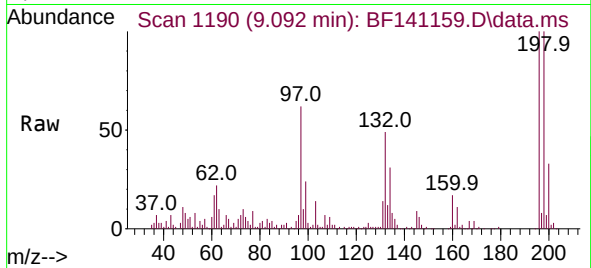
Tgt Ion: 330 Resp: 105287
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 30.7 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 17.300 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

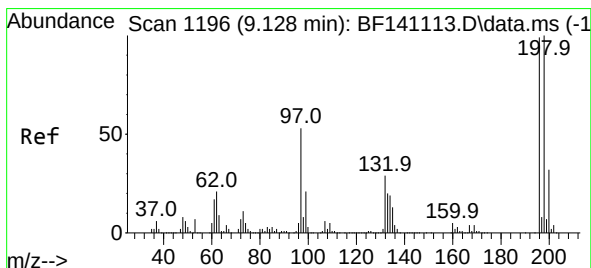
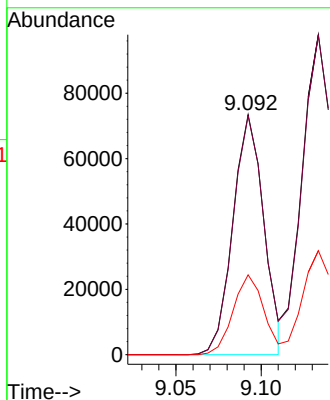
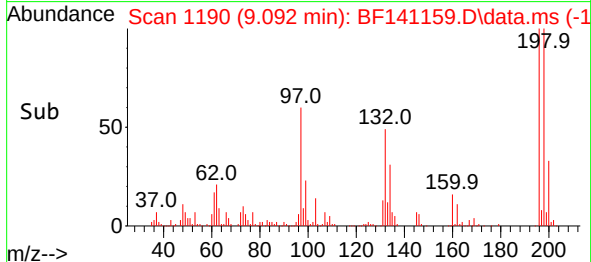
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



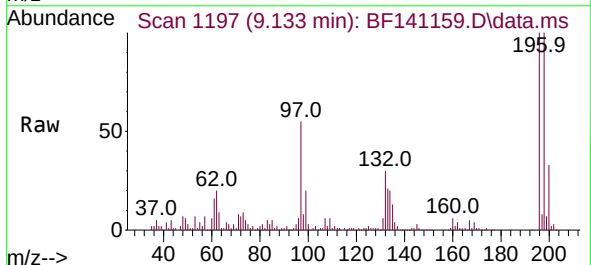
Tgt Ion:196 Resp: 9275
Ion Ratio Lower Upper
196 100
198 99.5 80.8 121.2
200 33.3 25.7 38.5

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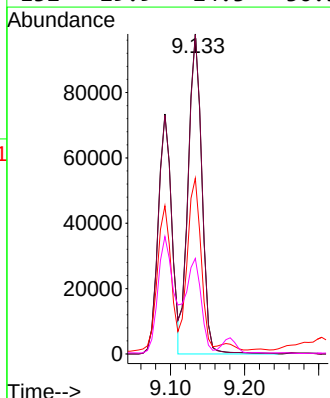
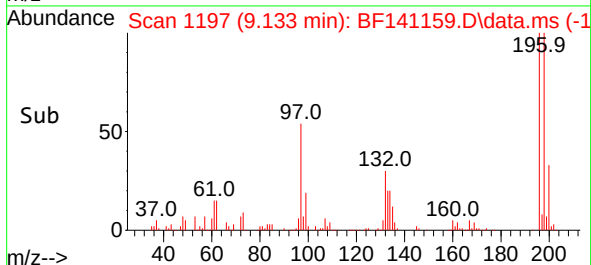
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

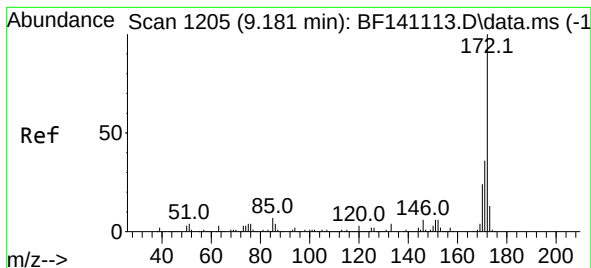


#44
2,4,5-Trichlorophenol
Concen: 22.253 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



Tgt Ion:196 Resp: 125997
Ion Ratio Lower Upper
196 100
198 99.8 80.6 120.8
97 54.9 43.1 64.7
132 29.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 67.029 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:172 Resp: 121567

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

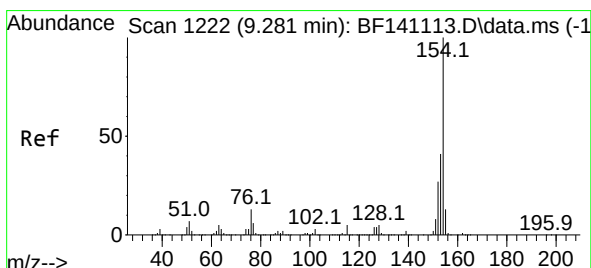
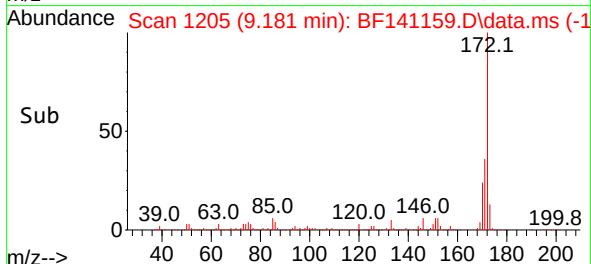
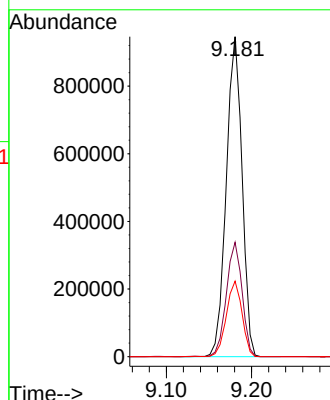
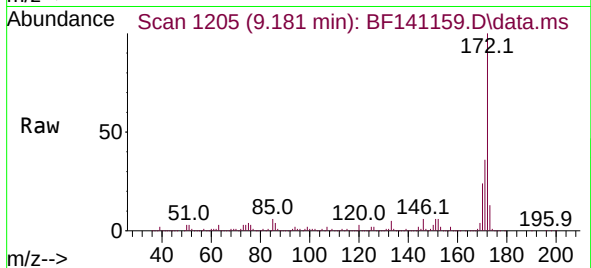
170 23.6 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#46

1,1'-Biphenyl

Concen: 33.996 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

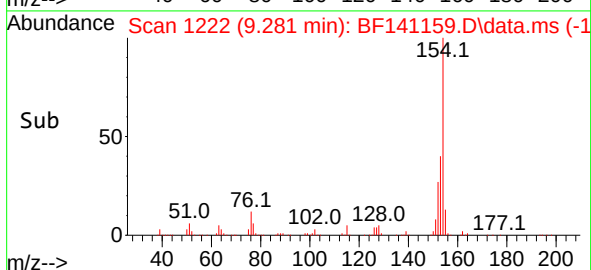
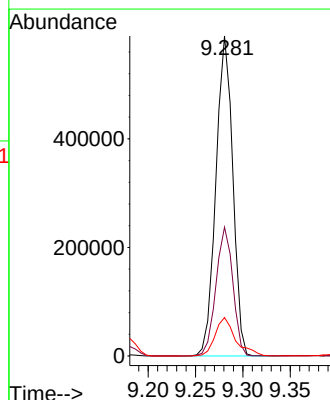
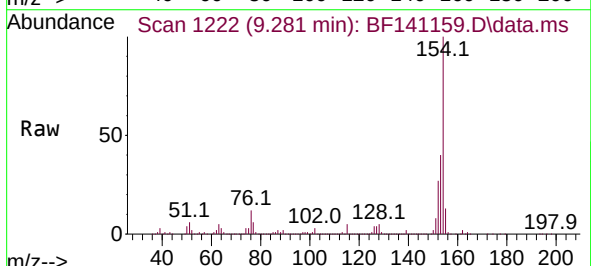
Tgt Ion:154 Resp: 731201

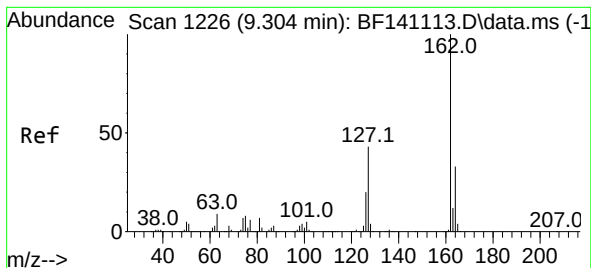
Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

76 12.0 0.0 33.1





#47

2-Chloronaphthalene

Concen: 31.624 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

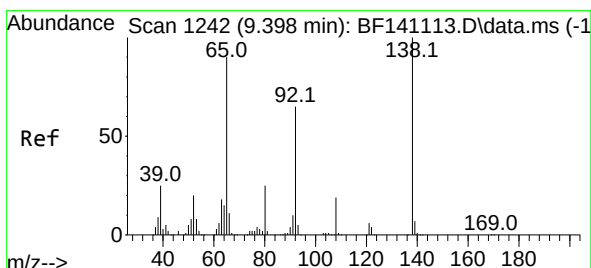
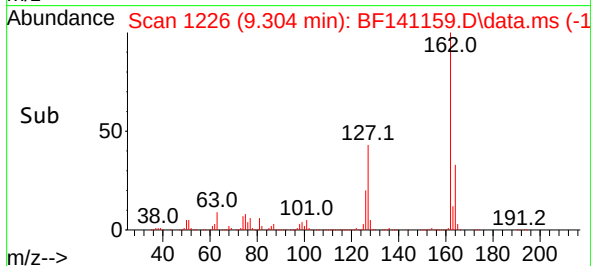
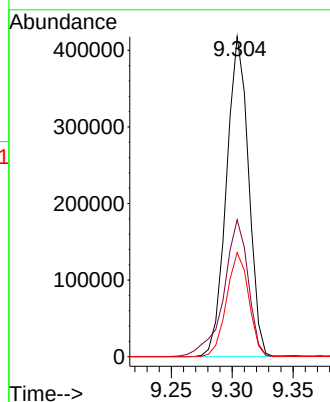
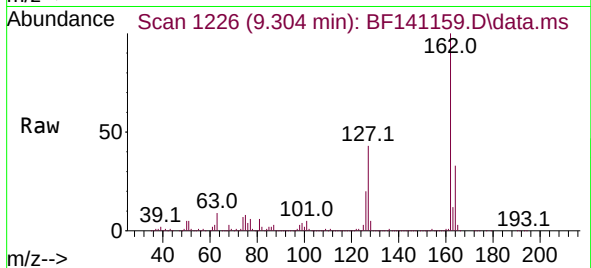
TR-06-1-10-2025MS

Tgt Ion:162 Resp: 52976
 Ion Ratio Lower Upper
 162 100
 127 42.8 34.6 51.8
 164 32.5 26.5 39.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#48

2-Nitroaniline

Concen: 32.731 ng

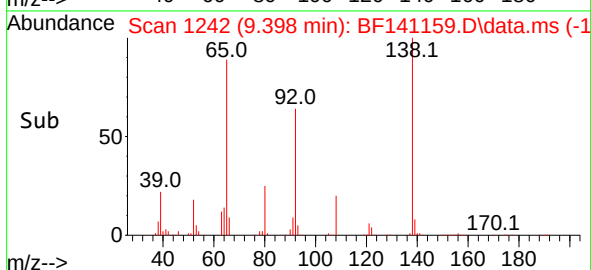
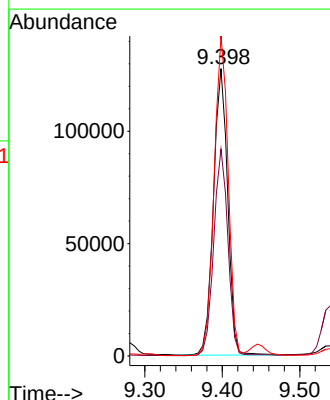
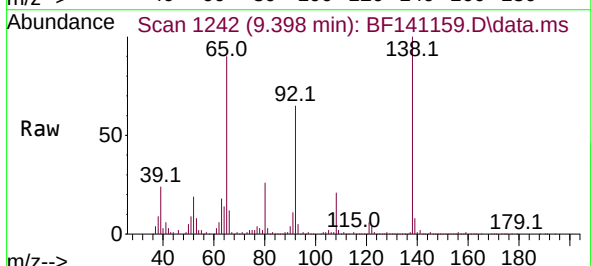
RT: 9.398 min Scan# 1242

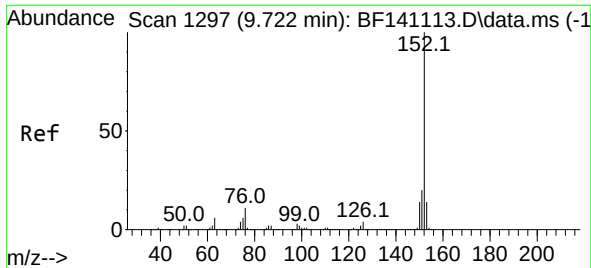
Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

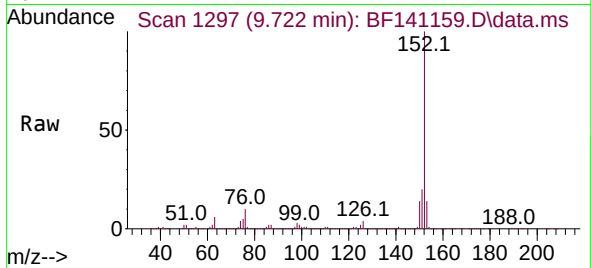
Tgt Ion: 65 Resp: 162538
 Ion Ratio Lower Upper
 65 100
 92 72.0 58.3 87.5
 138 111.3 89.1 133.7





#49
Acenaphthylene
Concen: 39.282 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

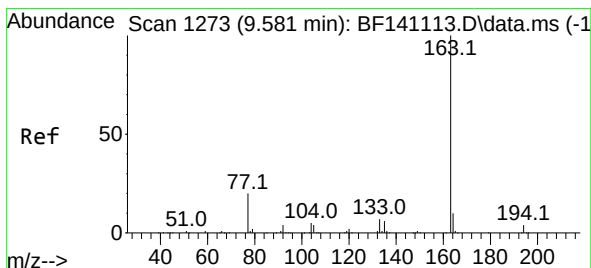
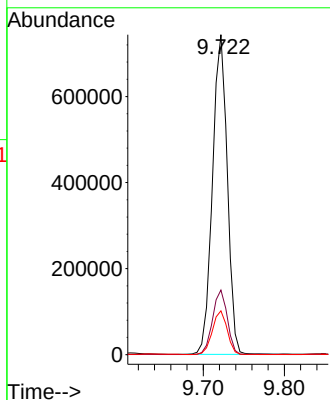
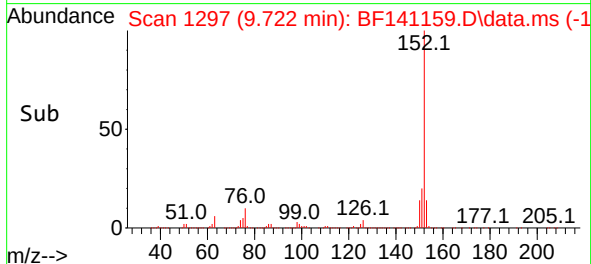
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:152 Resp: 94017
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.7 11.1 16.7

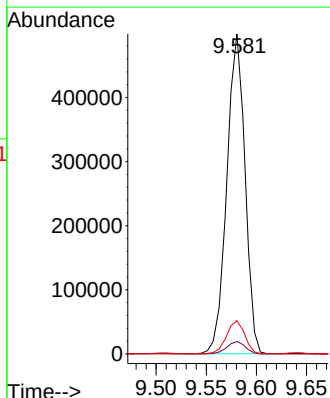
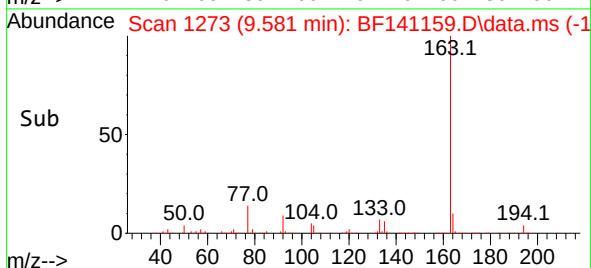
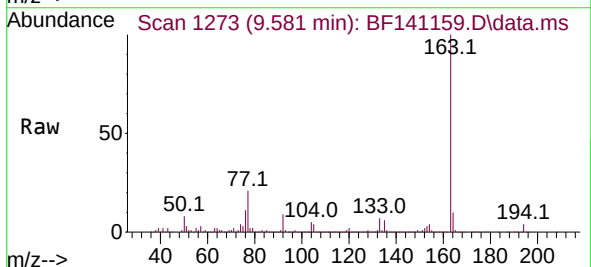
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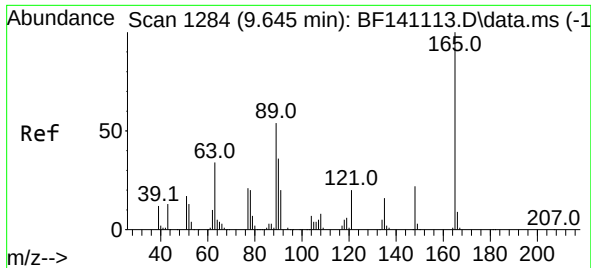
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#50
Dimethylphthalate
Concen: 33.860 ng
RT: 9.581 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:163 Resp: 629551
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4





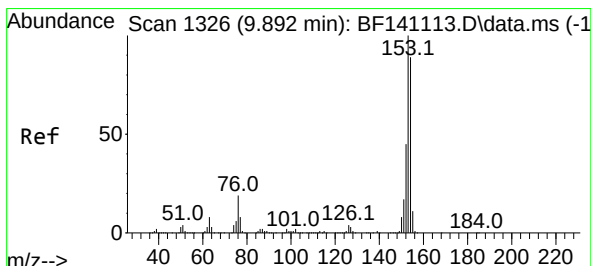
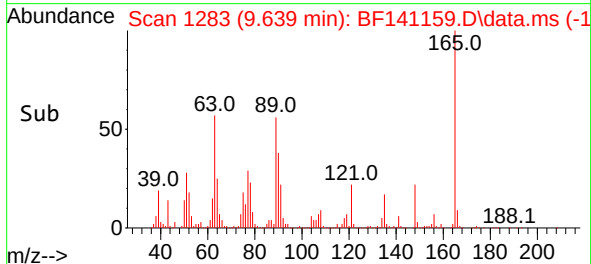
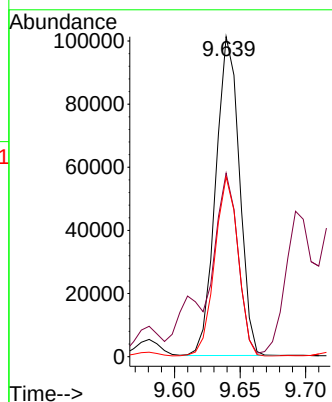
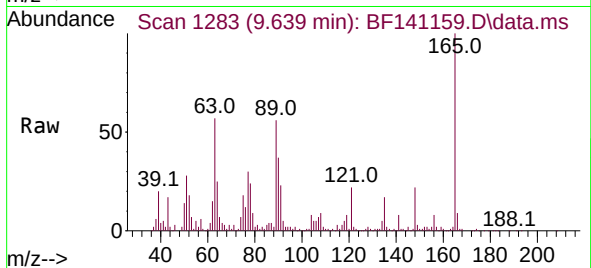
#51
2,6-Dinitrotoluene
Concen: 29.328 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

Tgt Ion:165 Resp: 126808
Ion Ratio Lower Upper
165 100
63 57.3 42.3 63.5
89 56.2 43.1 64.7

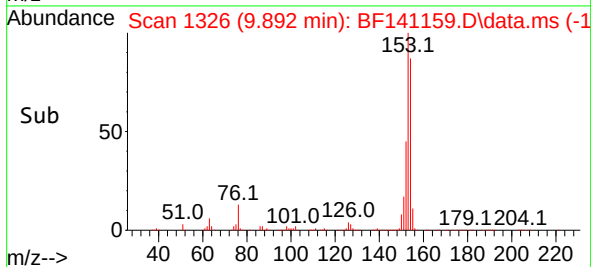
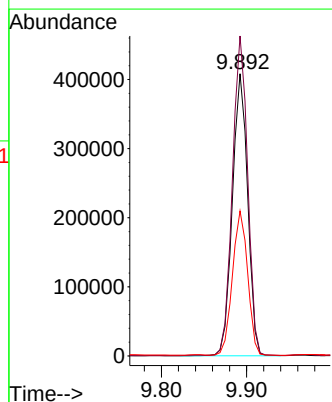
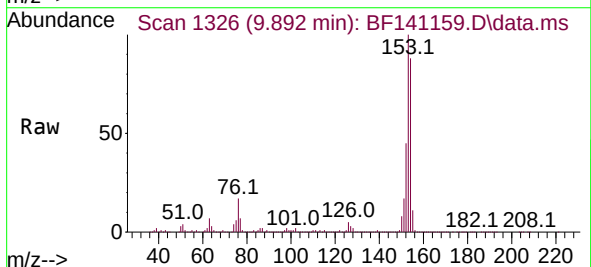
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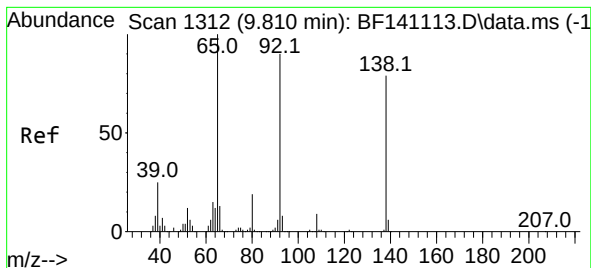
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#52
Acenaphthene
Concen: 30.384 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:154 Resp: 508055
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 51.4 40.8 61.2





#53

3-Nitroaniline

Concen: 26.552 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:138 Resp: 11664

Ion Ratio Lower Upper

138 100

108 11.6 8.8 13.2

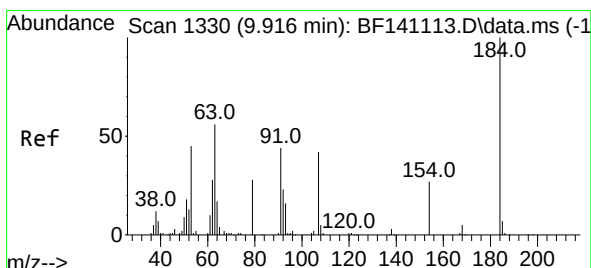
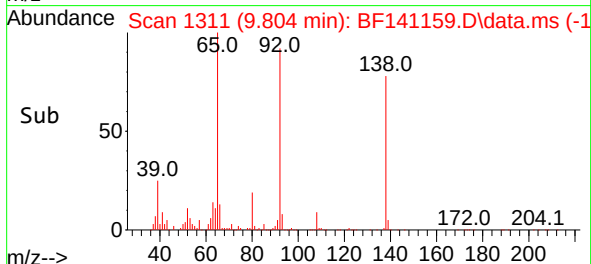
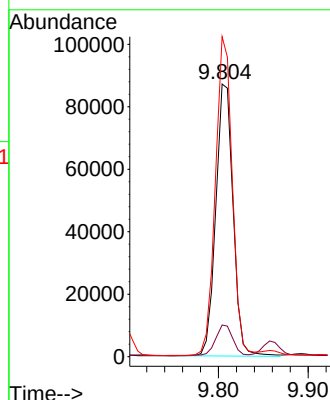
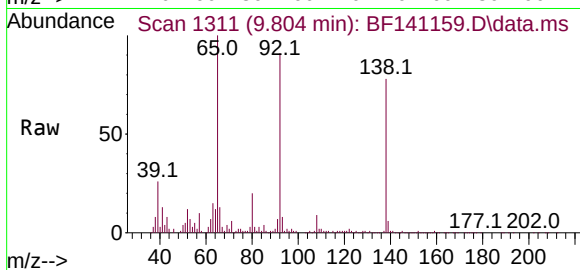
92 117.4 91.3 136.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#54

2,4-Dinitrophenol

Concen: 0.439 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

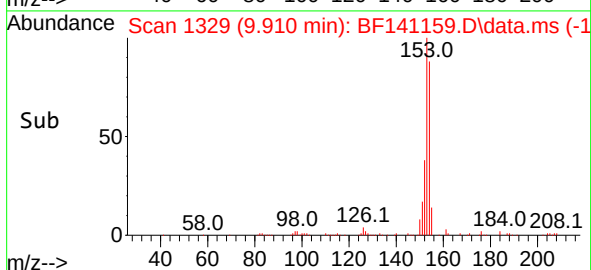
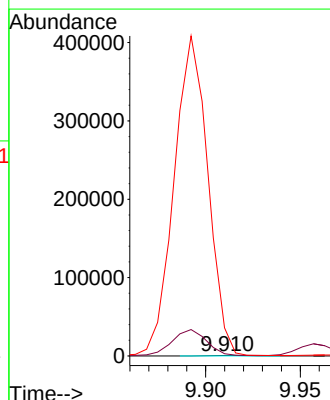
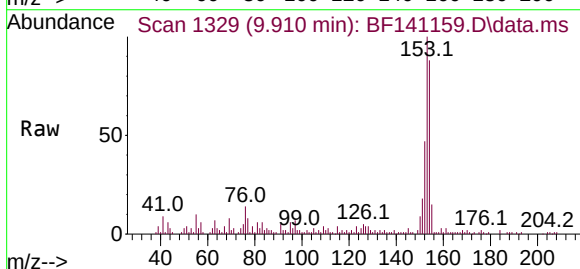
Tgt Ion:184 Resp: 903

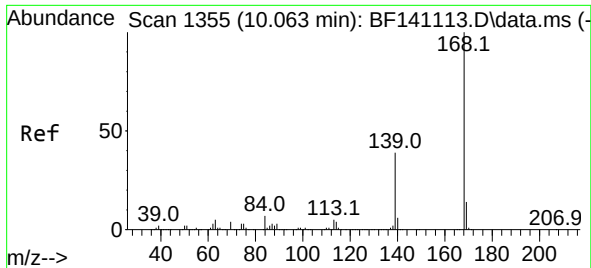
Ion Ratio Lower Upper

184 100

63 453.4 48.7 73.1#

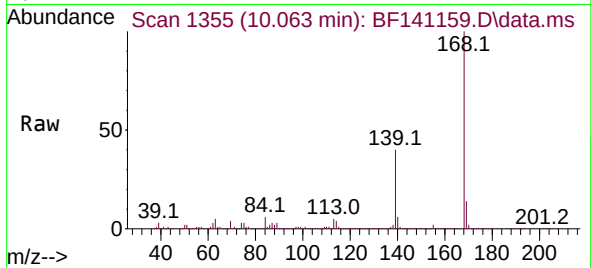
154 5588.8 57.1 85.7#





#55
Dibenzofuran
Concen: 31.147 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

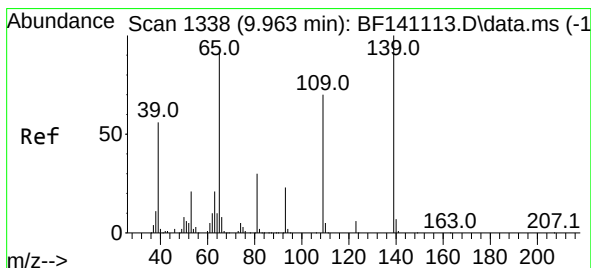
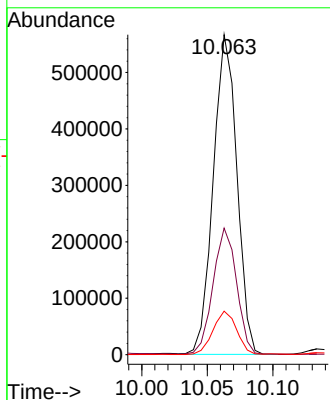
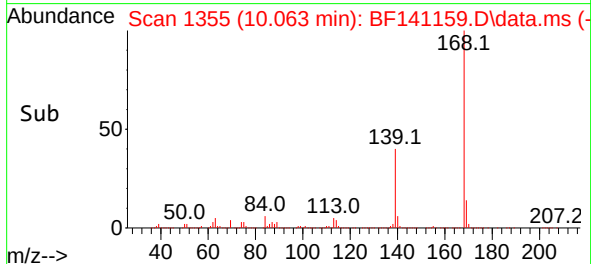
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:168 Resp: 708420
Ion Ratio Lower Upper
168 100
139 39.6 31.4 47.0
169 13.6 10.9 16.3

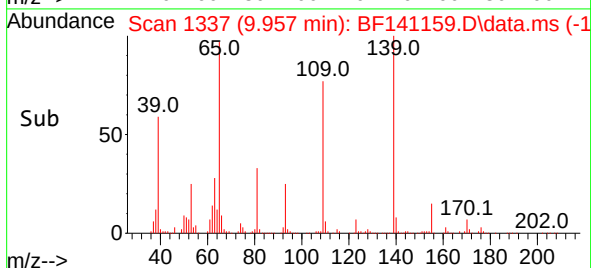
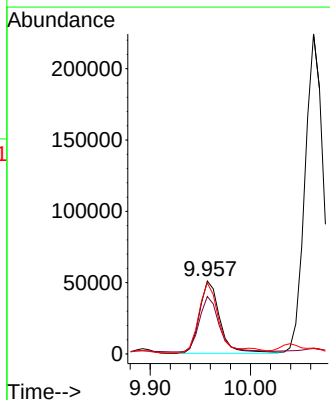
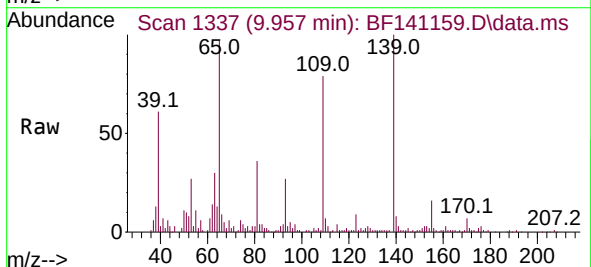
Manual Integrations
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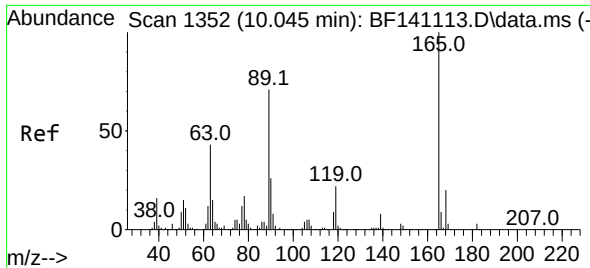
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#56
4-Nitrophenol
Concen: 20.778 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

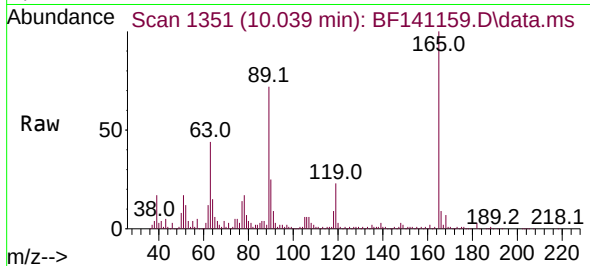
Tgt Ion:139 Resp: 71498
Ion Ratio Lower Upper
139 100
109 78.8 50.2 90.2
65 97.3 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 27.612 ng
RT: 10.039 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

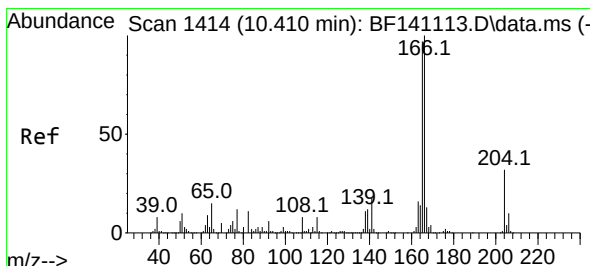
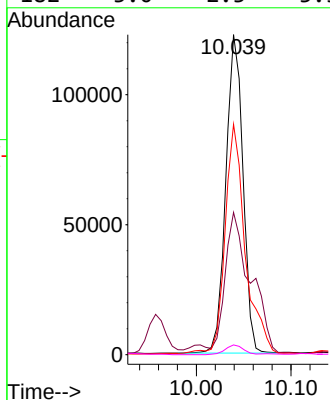
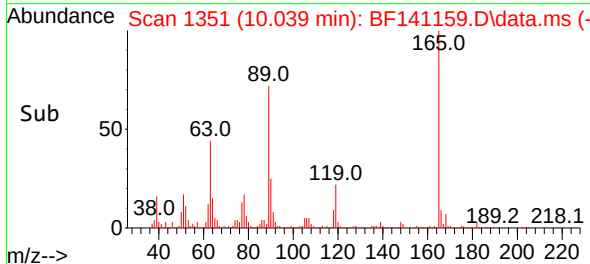
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



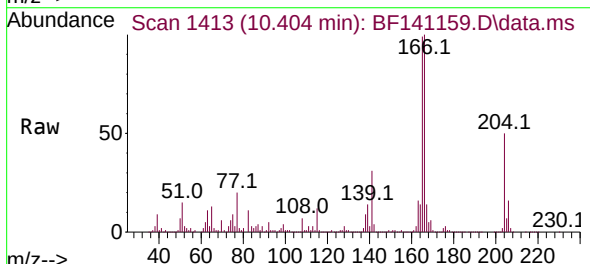
Tgt Ion:165 Resp: 153859
Ion Ratio Lower Upper
165 100
63 44.5 35.0 52.4
89 72.0 56.7 85.1
182 3.0 2.3 3.5

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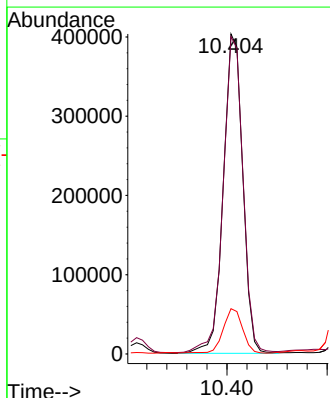
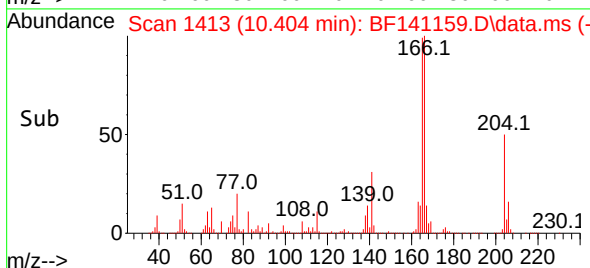
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

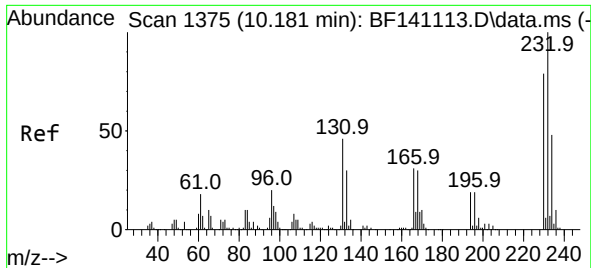


#58
Fluorene
Concen: 30.615 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



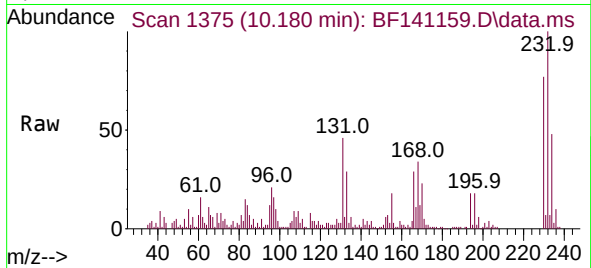
Tgt Ion:166 Resp: 540967
Ion Ratio Lower Upper
166 100
165 99.2 77.8 116.8
167 14.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 11.782 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

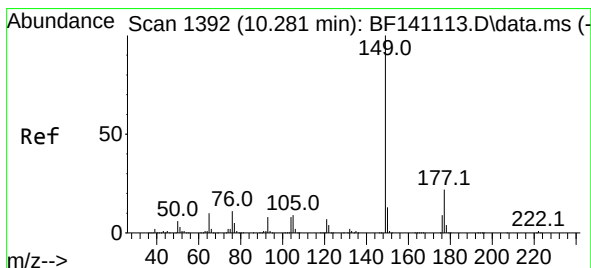
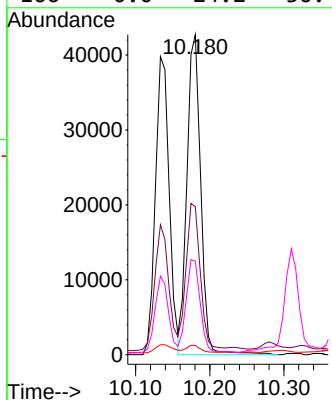
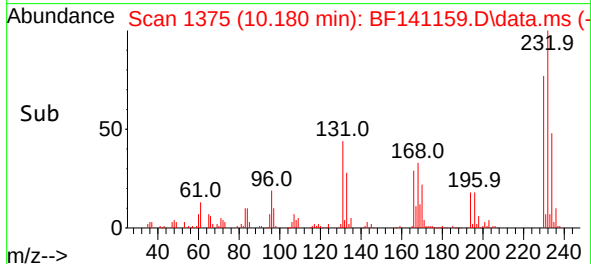
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:232 Resp: 55452
Ion Ratio Lower Upper
232 100
131 45.3 36.2 54.4
130 2.1 2.0 3.0
166 0.0 24.2 36.4#

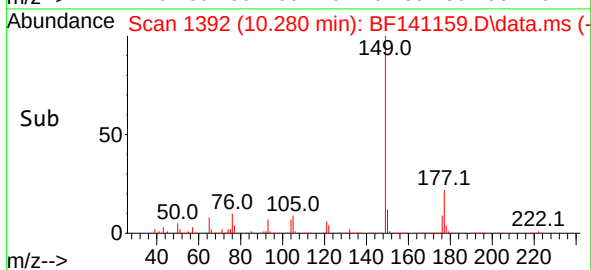
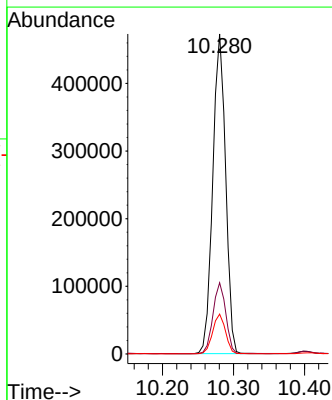
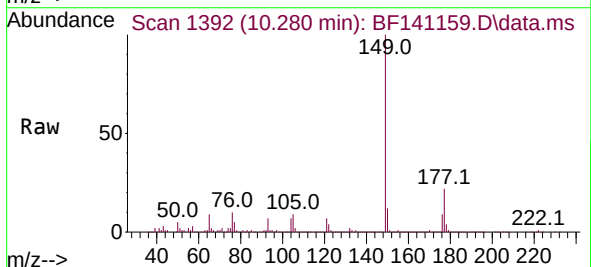
Manual Integrations
APPROVED

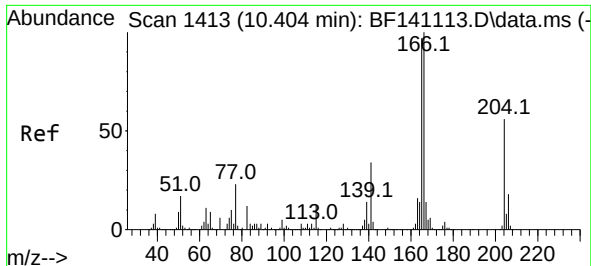
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#60
Diethylphthalate
Concen: 32.663 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

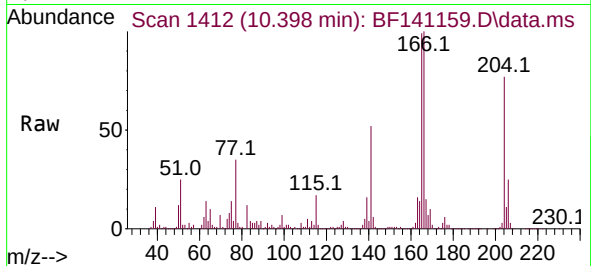
Tgt Ion:149 Resp: 592887
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 30.382 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

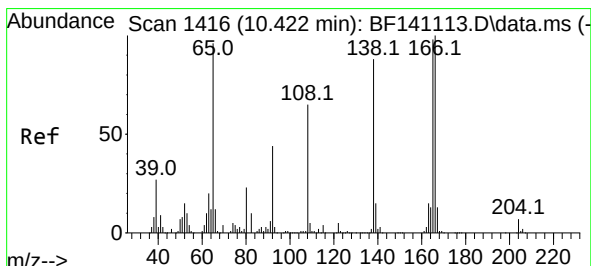
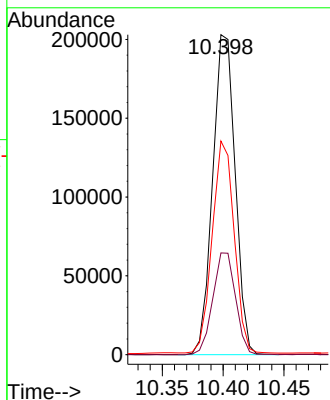
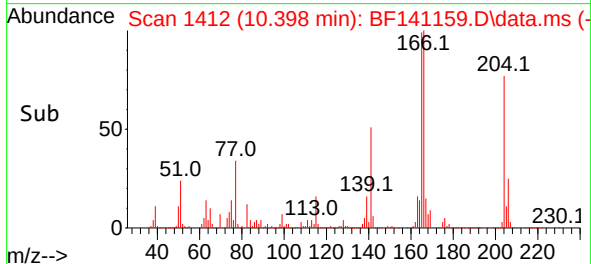
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:204 Resp: 26165
Ion Ratio Lower Upper
204 100
206 31.8 25.9 38.9
141 66.8 49.1 73.7

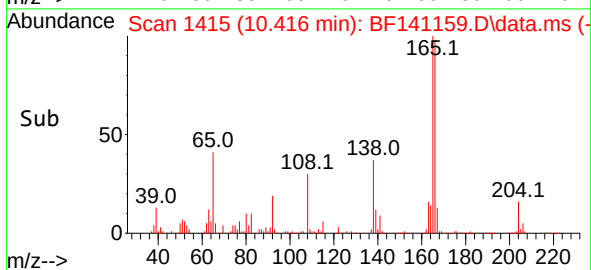
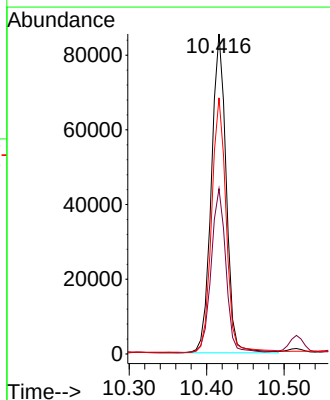
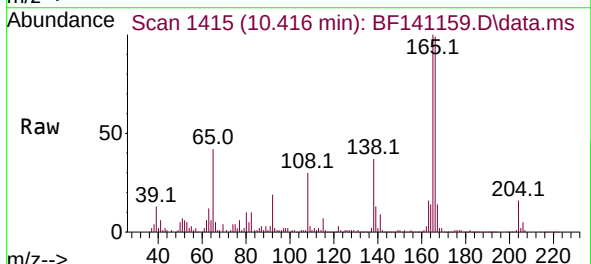
Manual Integrations
APPROVED

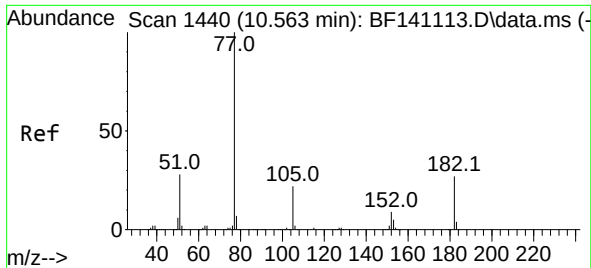
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#62
4-Nitroaniline
Concen: 26.513 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

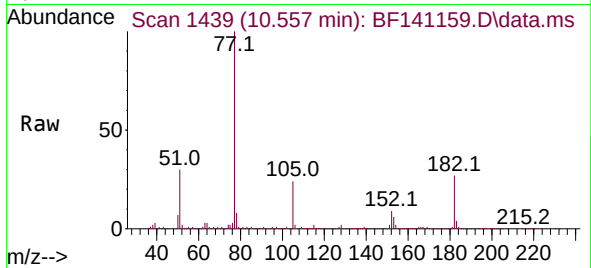
Tgt Ion:138 Resp: 114019
Ion Ratio Lower Upper
138 100
92 51.7 29.4 69.4
108 80.1 53.7 93.7





#63
Azobenzene
Concen: 31.679 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

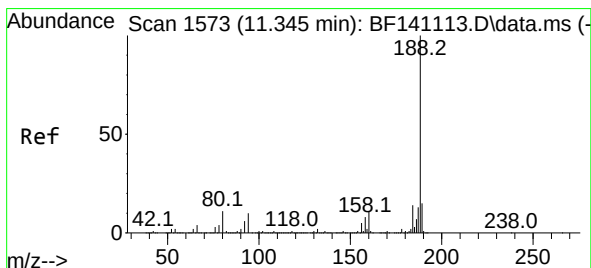
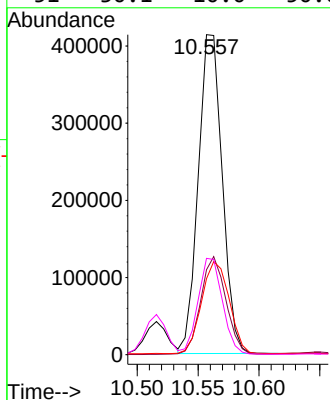
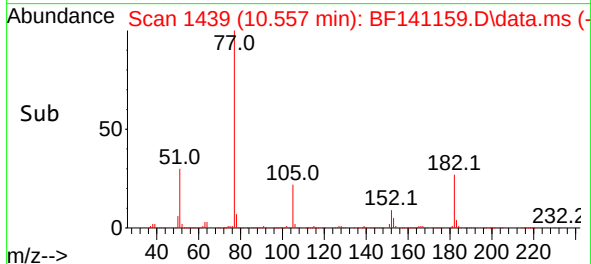
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



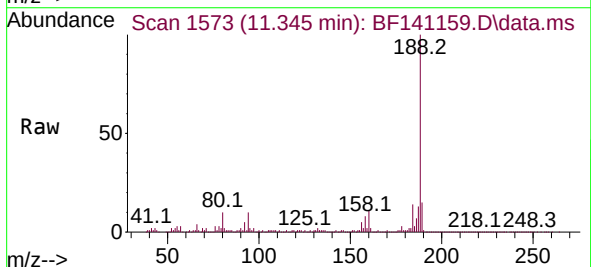
Tgt Ion: 77 Resp: 567392
Ion Ratio Lower Upper
77 100
182 26.6 6.1 46.1
105 23.7 2.1 42.1
51 30.1 10.0 50.0

Manual Integrations
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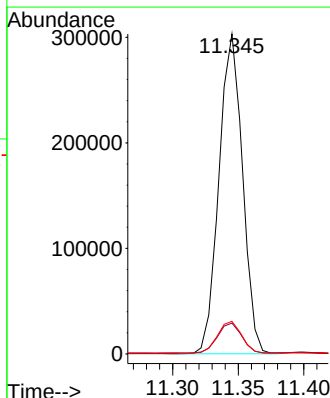
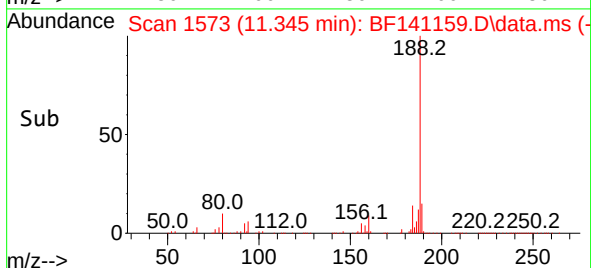
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

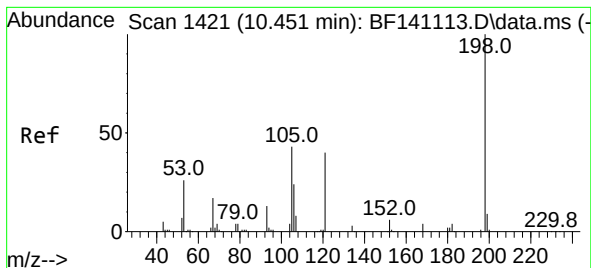


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



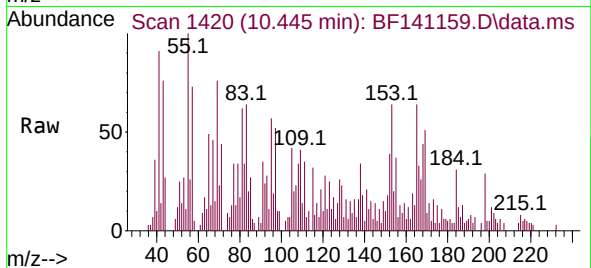
Tgt Ion:188 Resp: 378415
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.2 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 0.894 ng m
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

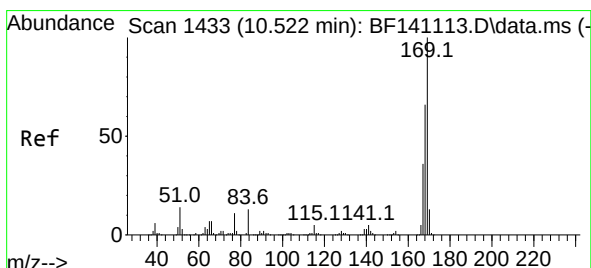
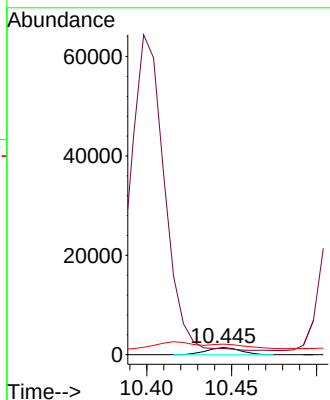
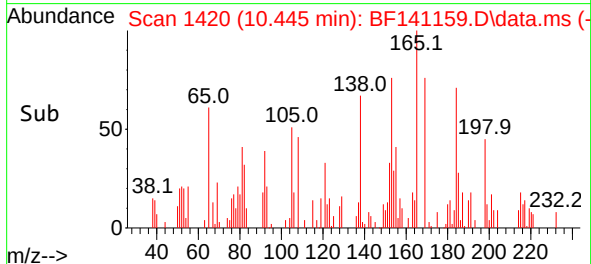
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



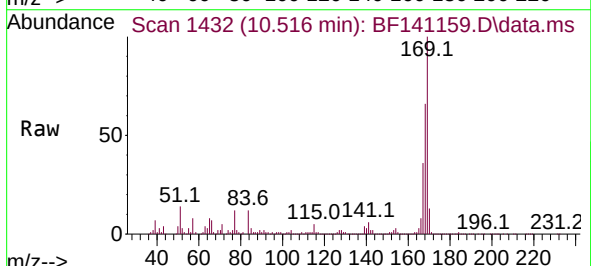
Tgt Ion:198 Resp: 1960
Ion Ratio Lower Upper
198 100
51 87.4 27.1 67.1
105 146.4 24.2 64.2

Manual Integrations
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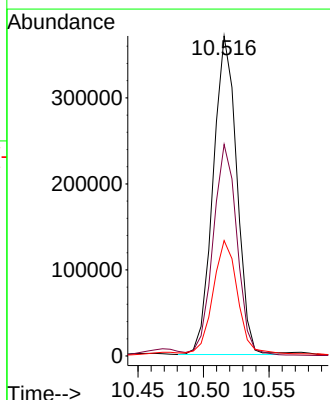
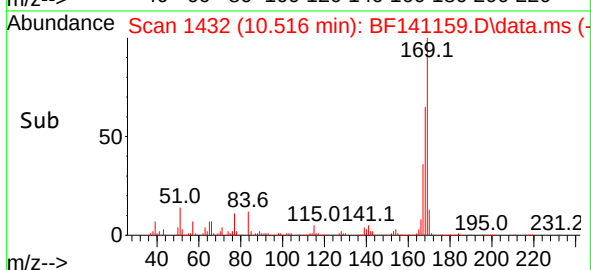
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

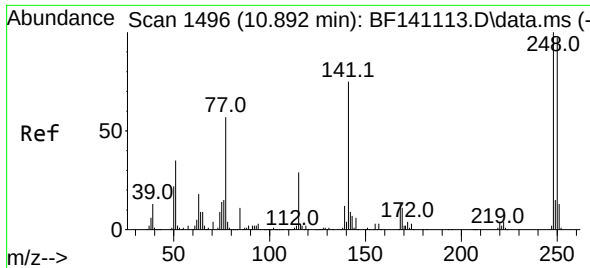


#66
n-Nitrosodiphenylamine
Concen: 38.094 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



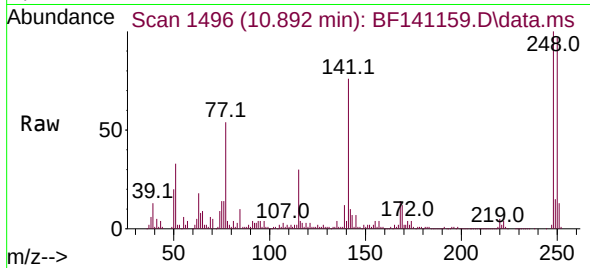
Tgt Ion:169 Resp: 464955
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 35.571 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

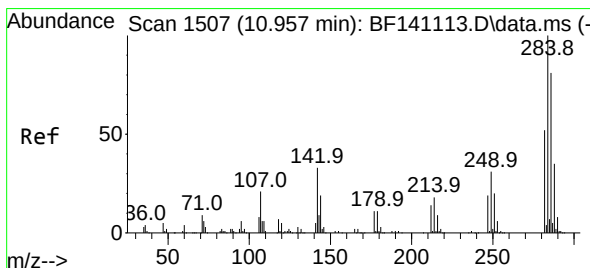
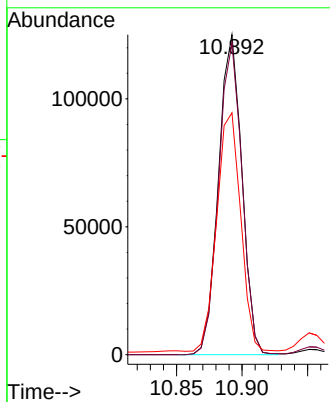
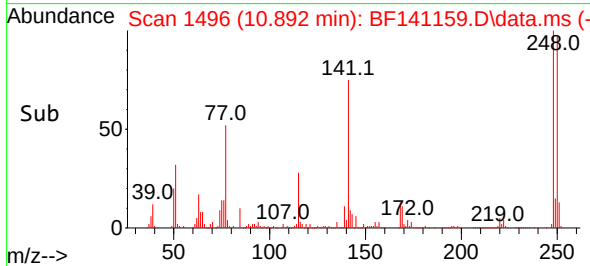
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



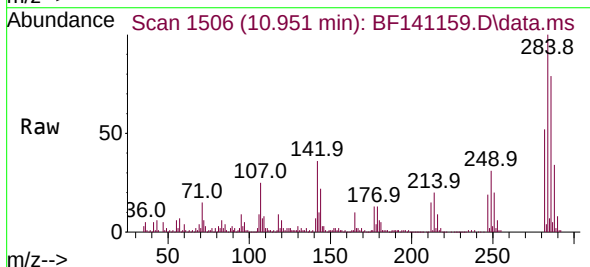
Tgt Ion:248 Resp: 154974
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 75.6 59.9 89.9

Manual Integrations
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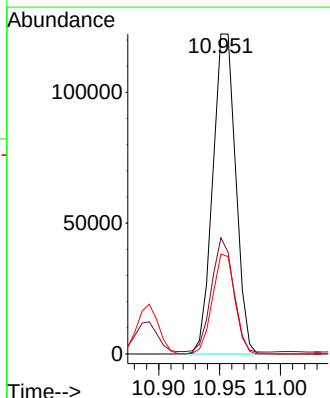
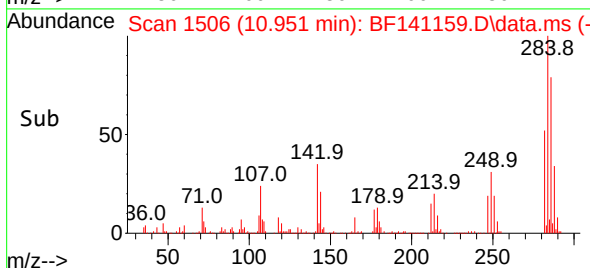
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

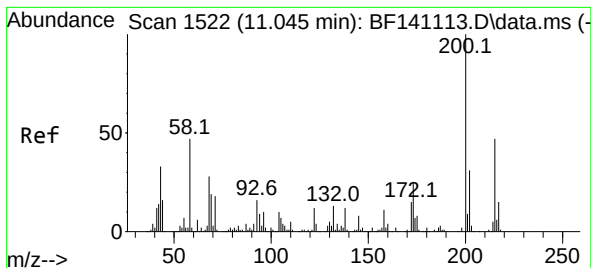


#68
Hexachlorobenzene
Concen: 32.963 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16



Tgt Ion:284 Resp: 159863
Ion Ratio Lower Upper
284 100
142 36.3 26.3 39.5
249 31.3 24.9 37.3





#69

Atrazine

Concen: 44.923 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:200 Resp: 147638

Ion Ratio Lower Upper

200 100

173 26.3 5.4 45.4

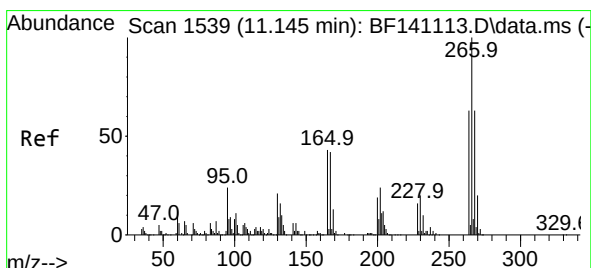
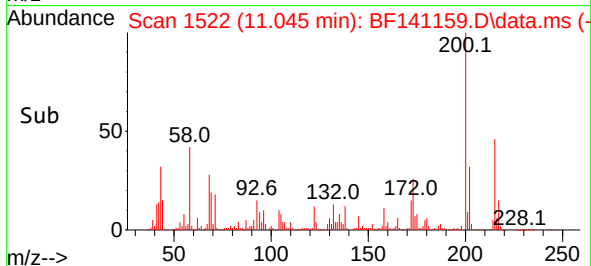
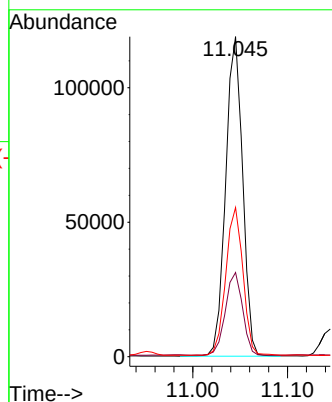
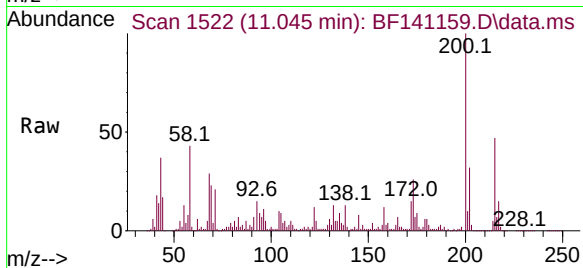
215 46.6 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#70

Pentachlorophenol

Concen: 23.272 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

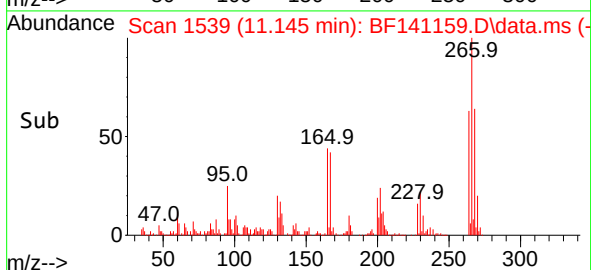
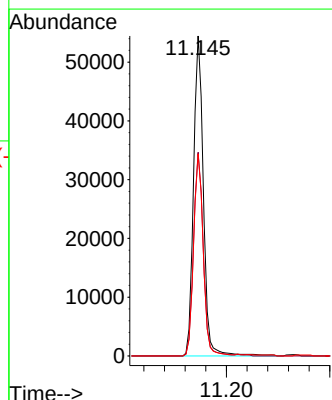
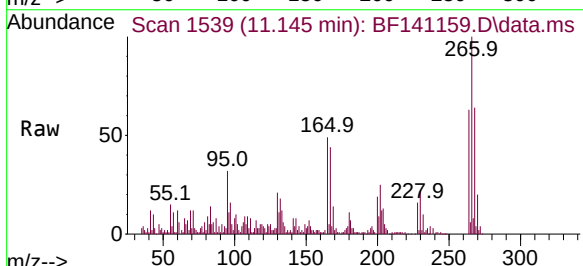
Tgt Ion:266 Resp: 72280

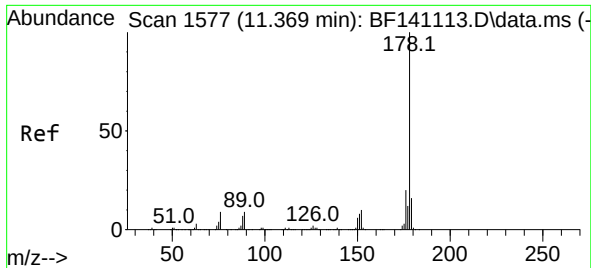
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

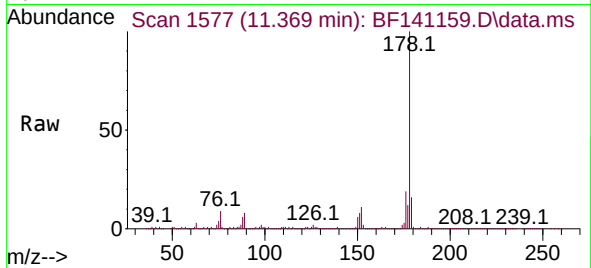
264 63.2 50.2 75.2





#71
Phenanthrene
Concen: 39.082 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

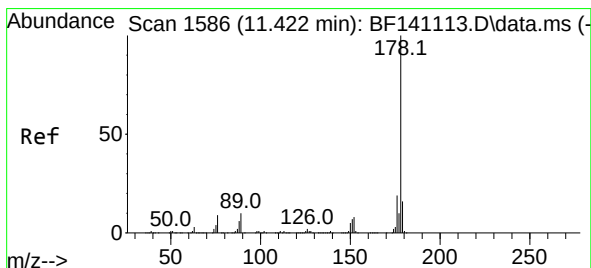
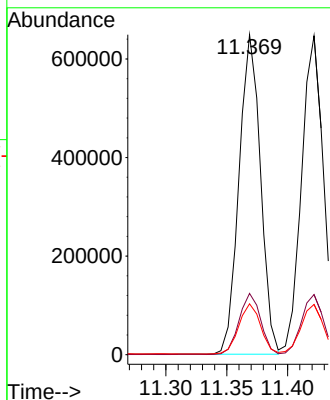
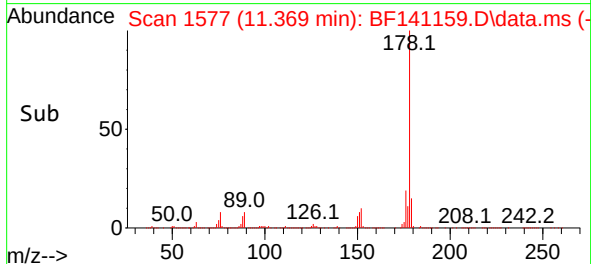
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:178 Resp: 793990
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.9 12.6 19.0

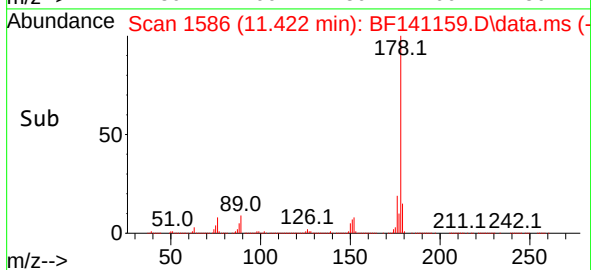
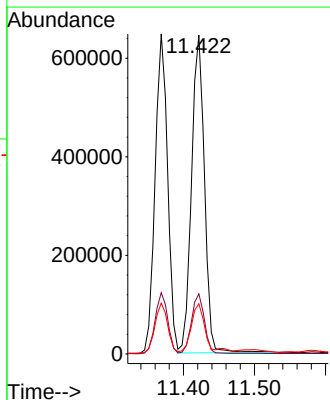
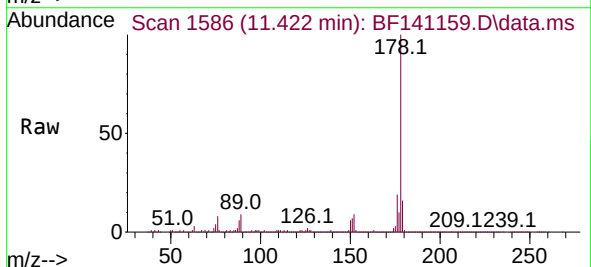
Manual Integrations
APPROVED

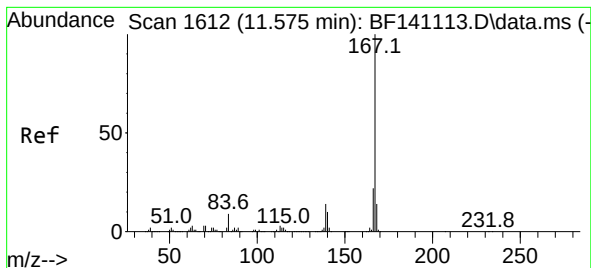
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#72
Anthracene
Concen: 41.444 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

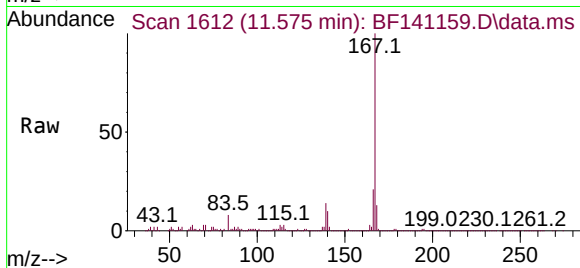
Tgt Ion:178 Resp: 818690
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 32.665 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

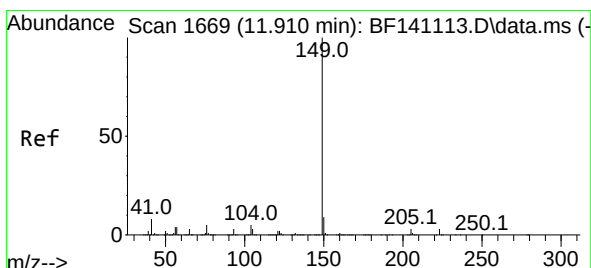
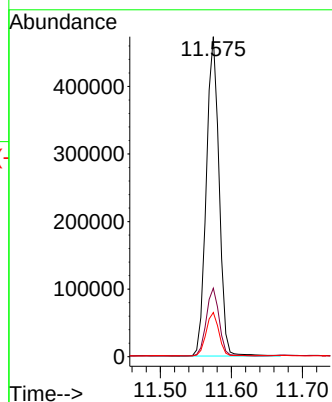
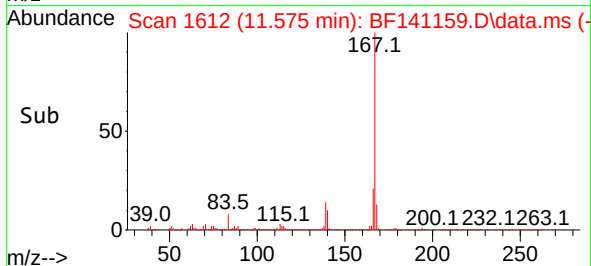
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS



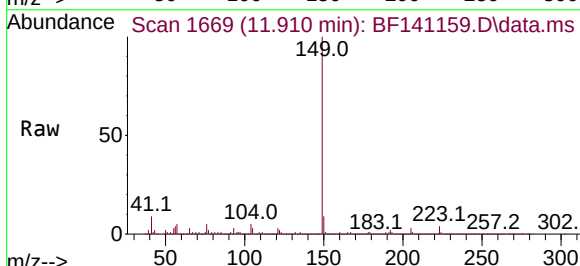
Tgt Ion:167 Resp: 59166
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.8 10.9 16.3

Manual Integrations
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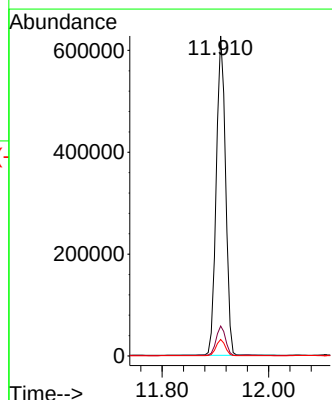
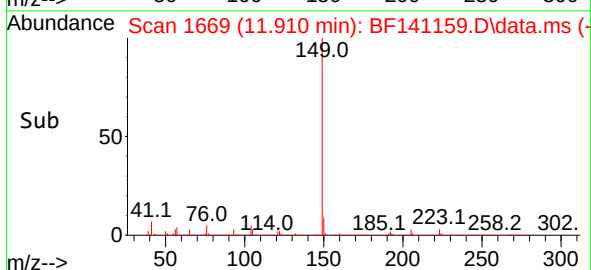
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

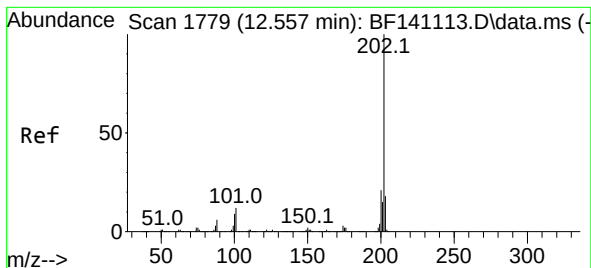


#74
 Di-n-butylphthalate
 Concen: 36.684 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16



Tgt Ion:149 Resp: 760422
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 43.478 ng

RT: 12.557 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

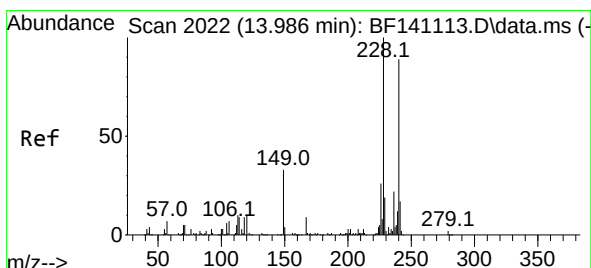
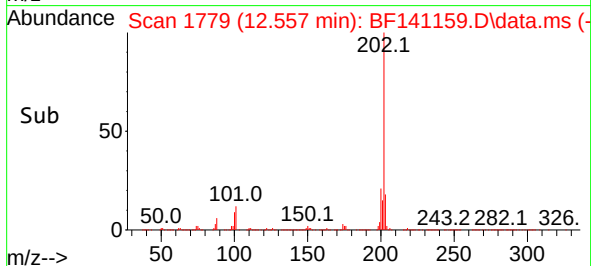
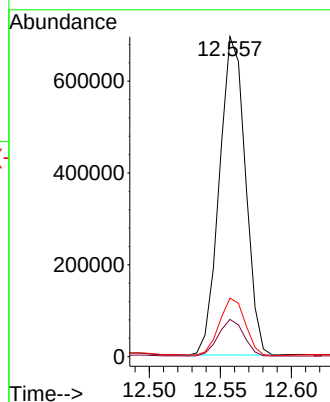
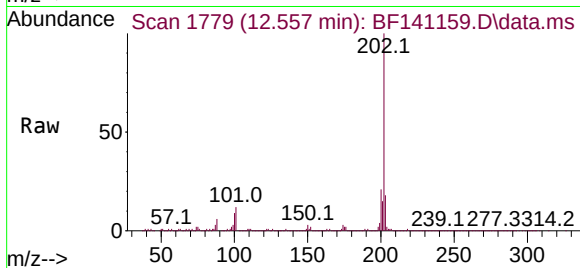
Tgt Ion:	202	Resp:	88145
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.3
203	18.3	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

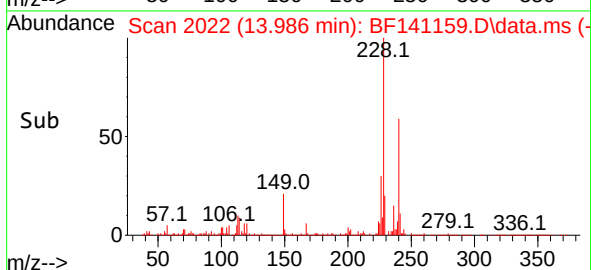
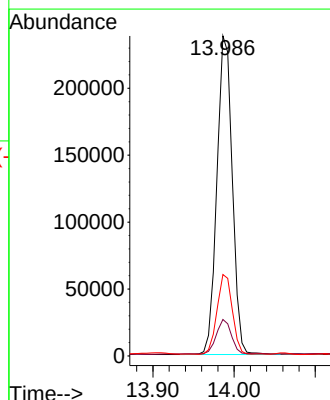
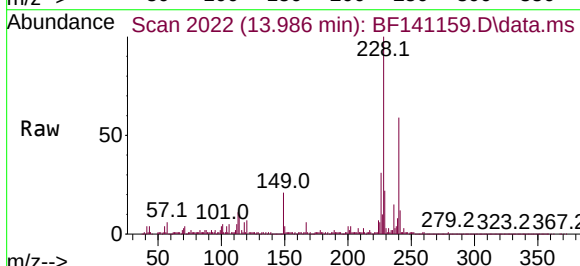
RT: 13.986 min Scan# 2022

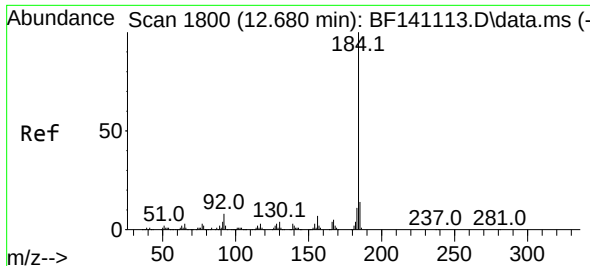
Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

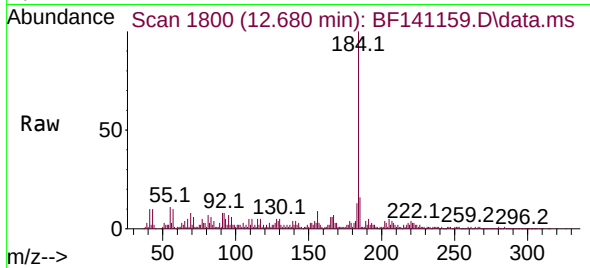
Tgt Ion:	240	Resp:	313360
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.1	13.7
236	25.4	19.8	29.6





#77
Benzidine
Concen: 23.992 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

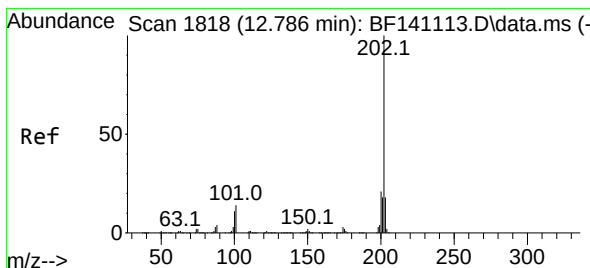
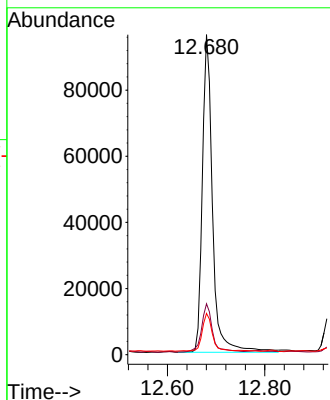
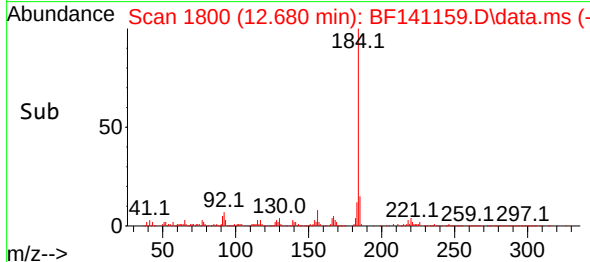
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:184 Resp: 139419
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 12.9 9.2 13.8

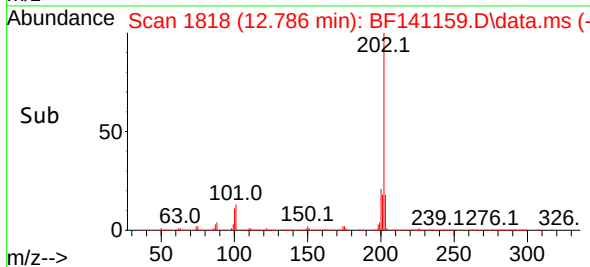
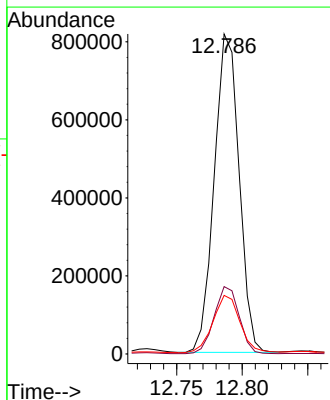
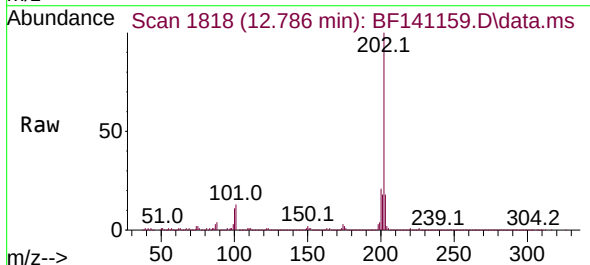
Manual Integrations
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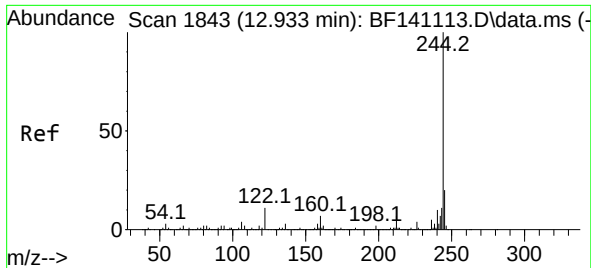
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#78
Pyrene
Concen: 35.922 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

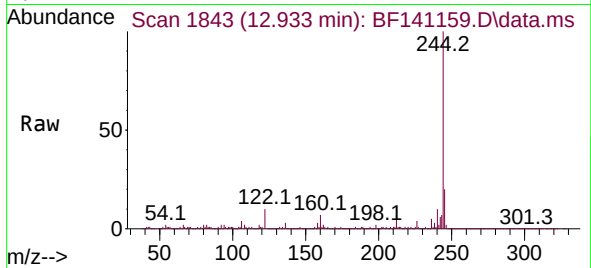
Tgt Ion:202 Resp: 1075132
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 18.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 48.639 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16

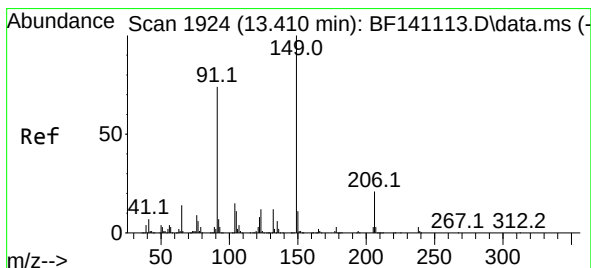
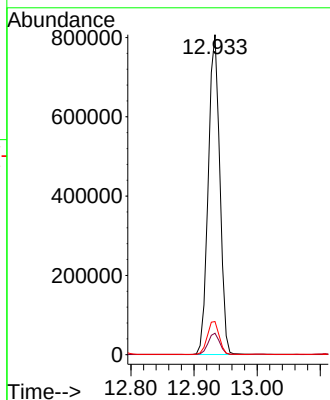
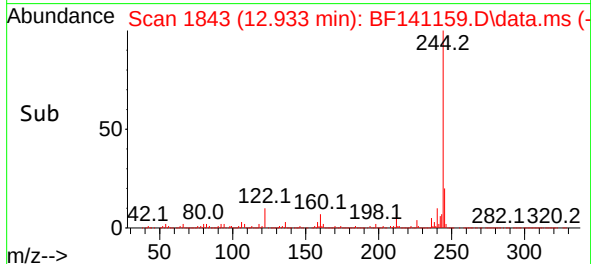
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MS



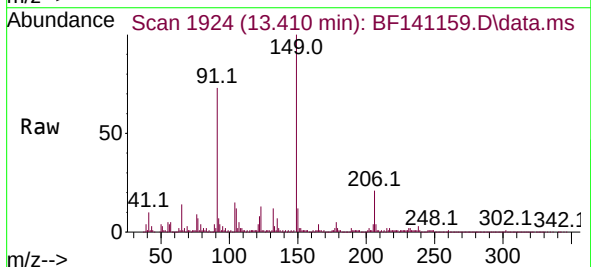
Tgt Ion:244 Resp: 1025474
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 8.8 13.2

Manual Integrations
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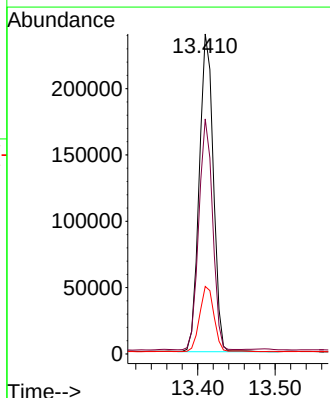
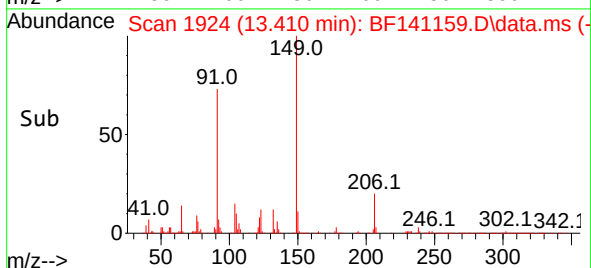
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

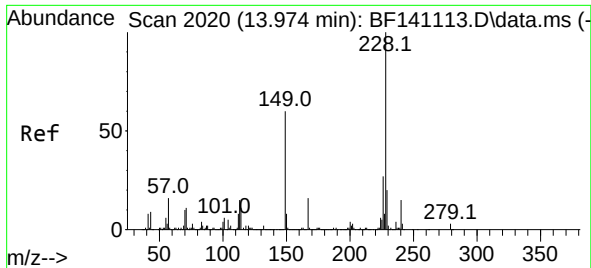


#80
 Butylbenzylphthalate
 Concen: 30.221 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF141159.D
 Acq: 14 Jan 2025 21:16



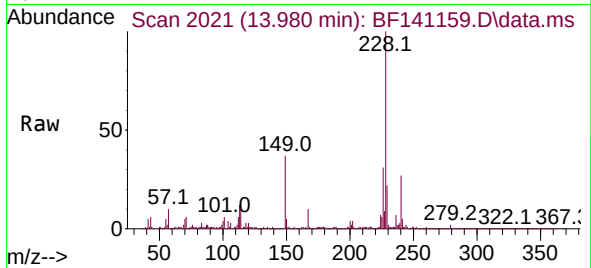
Tgt Ion:149 Resp: 301572
 Ion Ratio Lower Upper
 149 100
 91 73.5 59.0 88.6
 206 21.1 16.5 24.7





#81
Benzo(a)anthracene
Concen: 40.673 ng
RT: 13.980 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

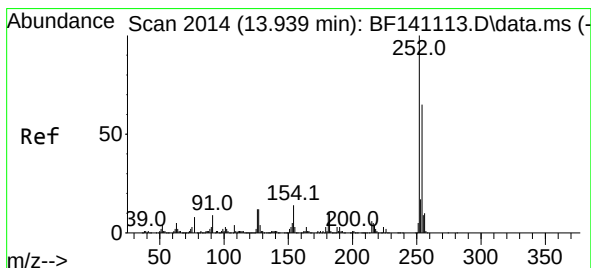
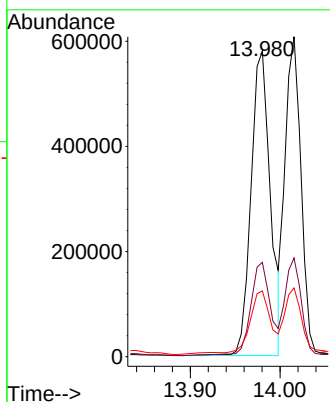
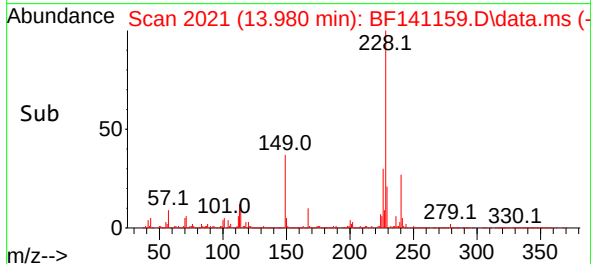
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:228 Resp: 867394
Ion Ratio Lower Upper
228 100
226 30.9 21.7 32.5
229 21.5 15.7 23.5

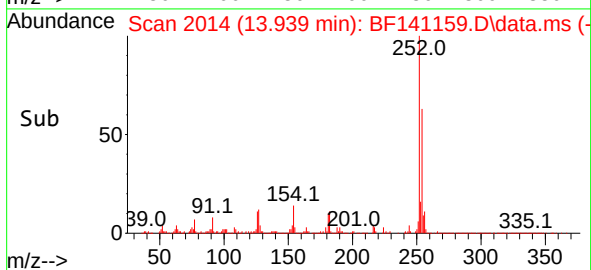
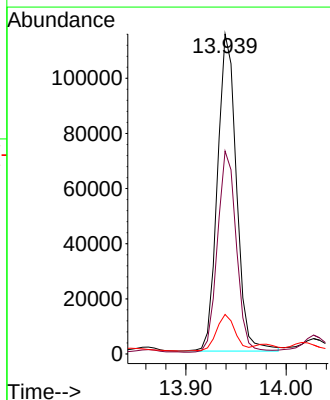
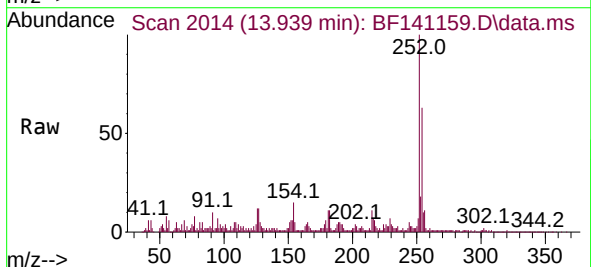
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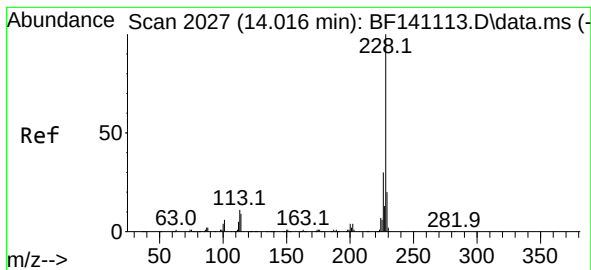
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 22.238 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:252 Resp: 151012
Ion Ratio Lower Upper
252 100
254 63.4 52.0 78.0
126 12.4 9.4 14.0





#83

Chrysene

Concen: 37.370 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

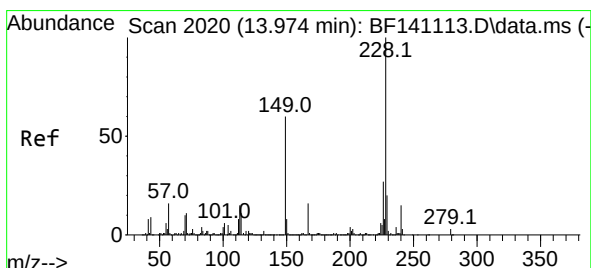
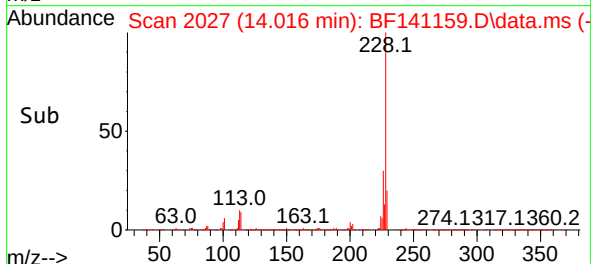
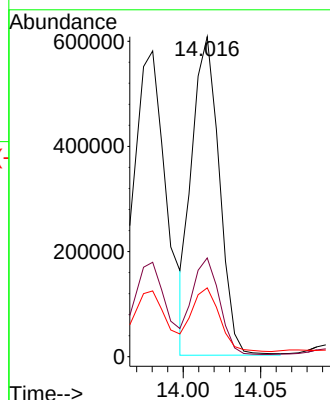
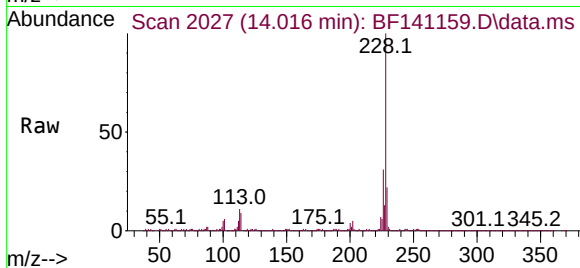
TR-06-1-10-2025MS

Tgt Ion:	228	Resp:	745700
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.8	35.8
229	21.5	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.363 ng

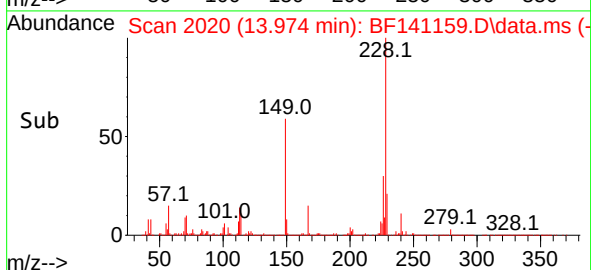
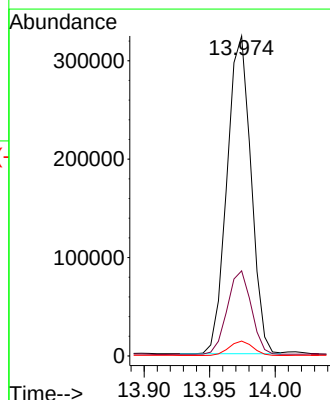
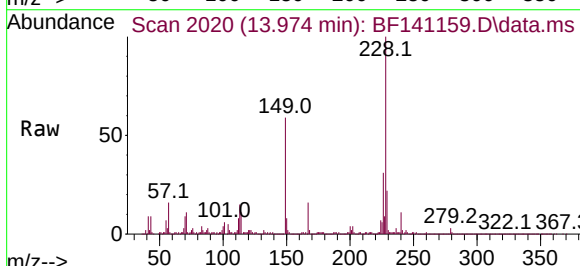
RT: 13.974 min Scan# 2020

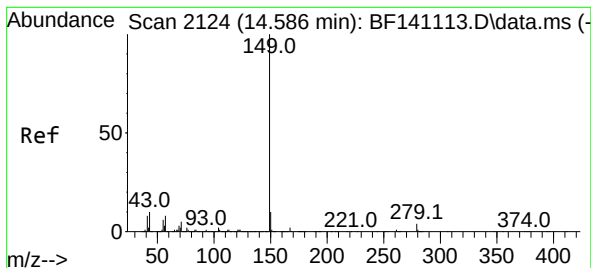
Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

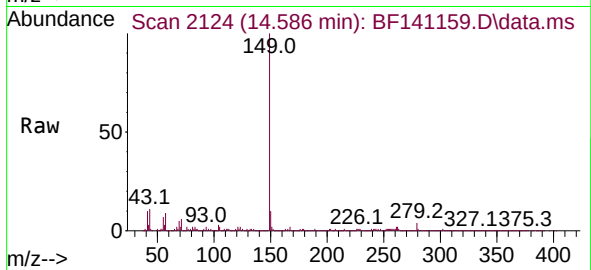
Tgt Ion:	149	Resp:	411433
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.4	32.2
279	4.7	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 39.677 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

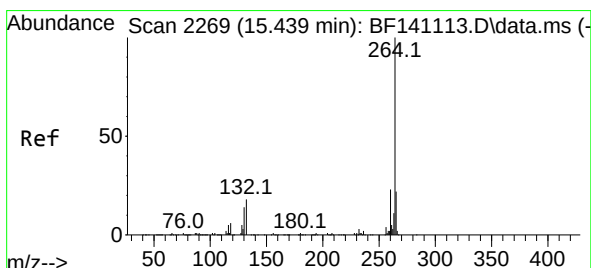
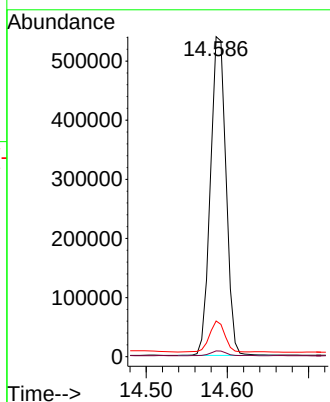
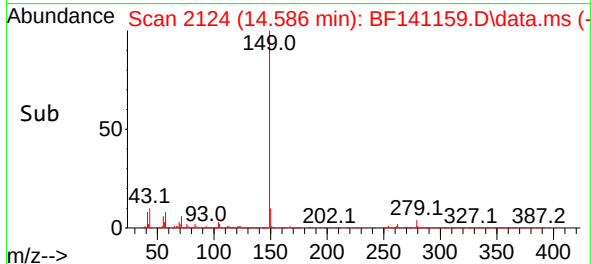
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:149 Resp: 717369
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 8.4 12.6

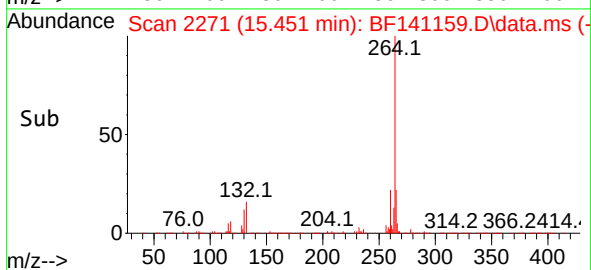
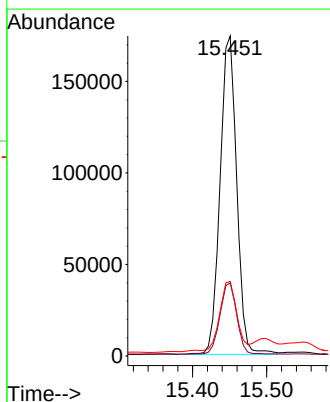
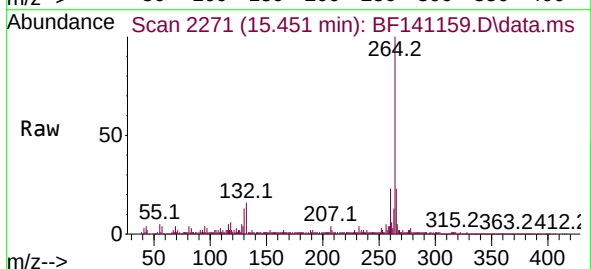
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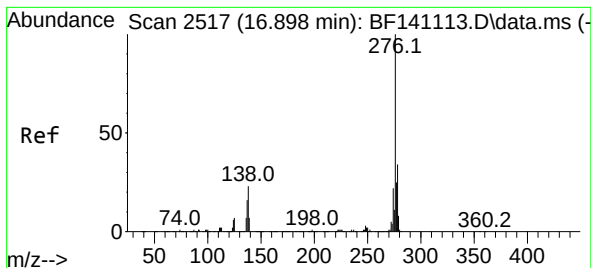
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:264 Resp: 270754
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 23.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.240 ng

RT: 16.904 min Scan# 2517

Delta R.T. 0.006 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

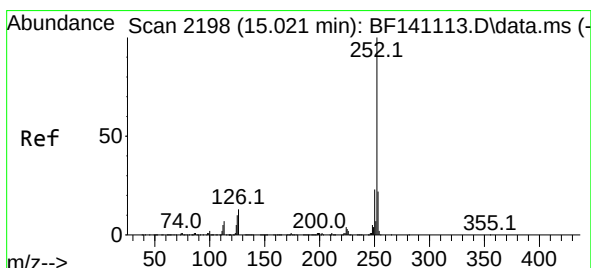
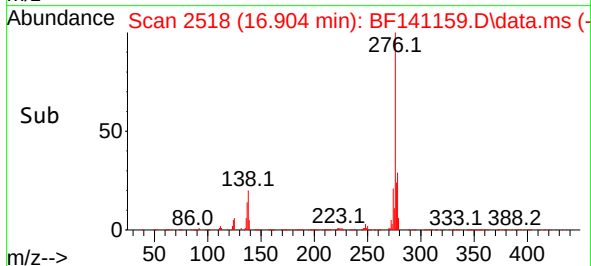
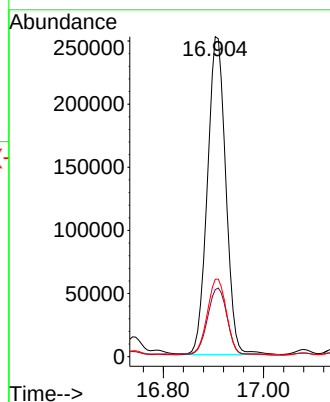
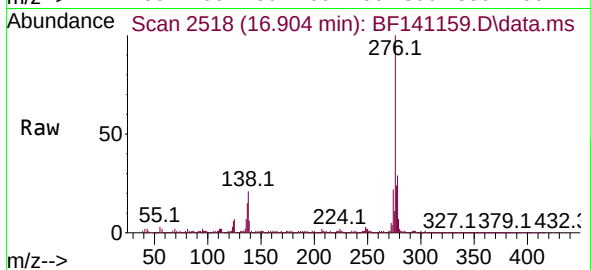
TR-06-1-10-2025MS

Tgt Ion:276 Resp: 63951

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.7	31.1
277	25.4	20.6	30.8

Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#88

Benzo(b)fluoranthene

Concen: 44.745 ng

RT: 15.027 min Scan# 2199

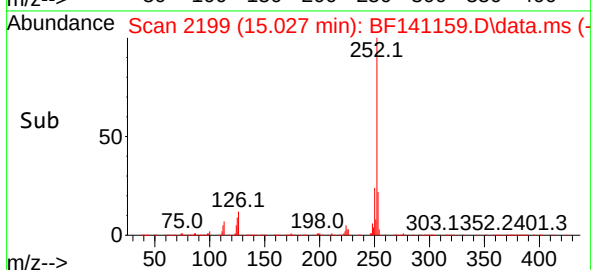
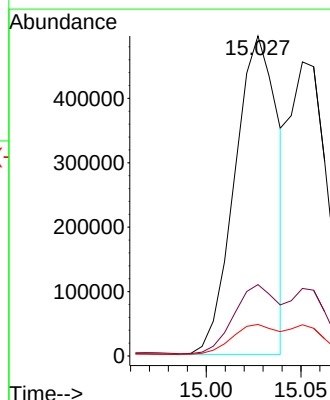
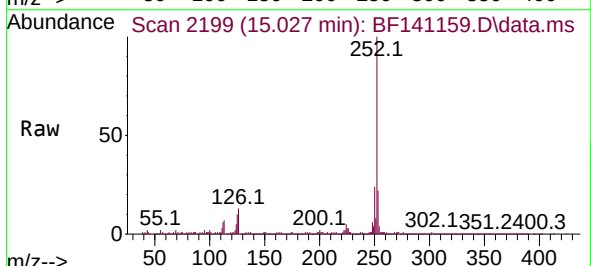
Delta R.T. 0.006 min

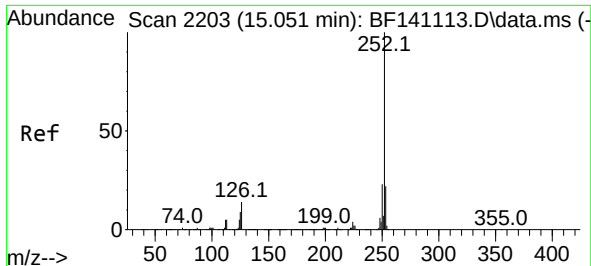
Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Tgt Ion:252 Resp: 781207

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.9	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 41.821 ng m

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MS

Tgt Ion:252 Resp: 61704

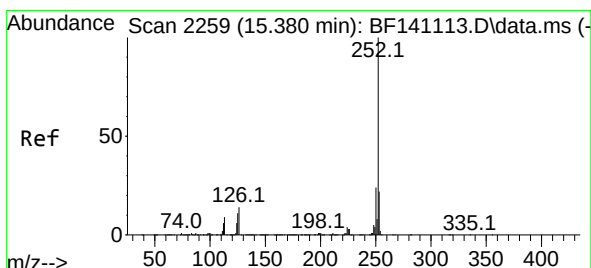
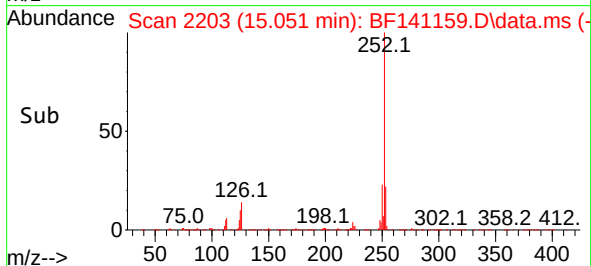
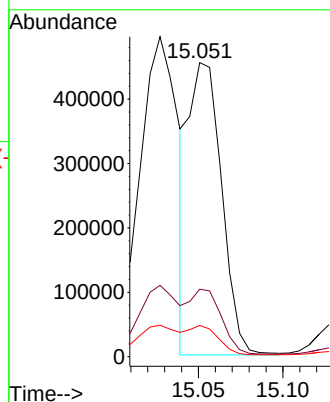
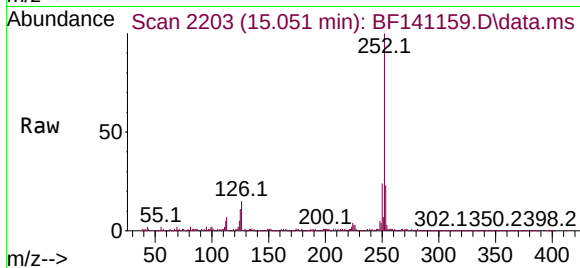
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.6	7.9	11.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#90

Benzo(a)pyrene

Concen: 49.572 ng

RT: 15.386 min Scan# 2260

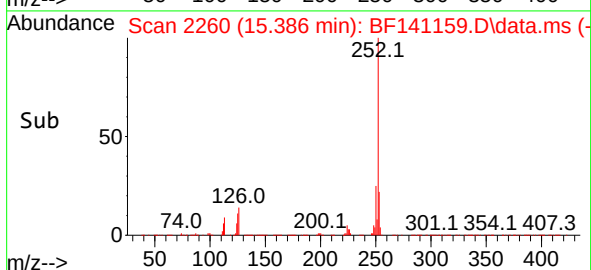
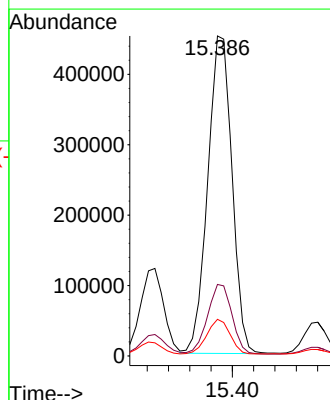
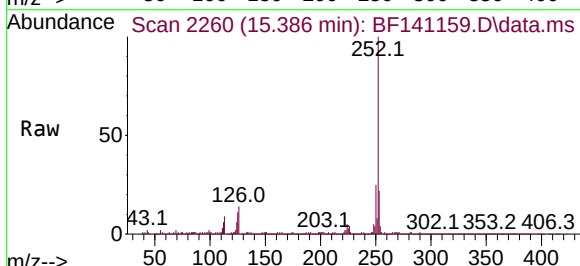
Delta R.T. 0.006 min

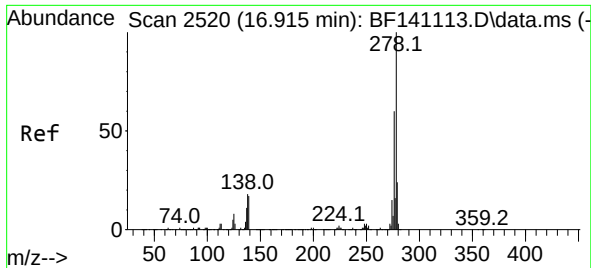
Lab File: BF141159.D

Acq: 14 Jan 2025 21:16

Tgt Ion:252 Resp: 714076

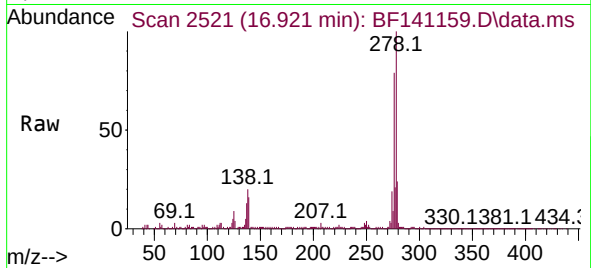
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.5	9.1	13.7





#91
Dibenzo(a,h)anthracene
Concen: 26.724 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

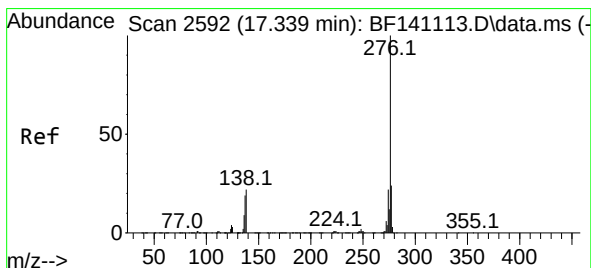
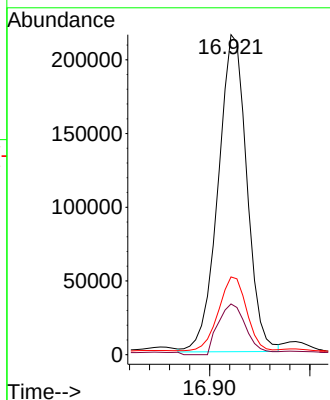
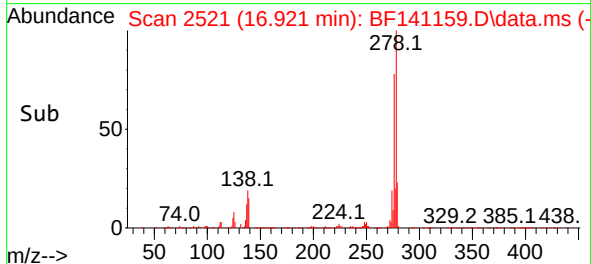
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS



Tgt Ion:278 Resp: 42875
Ion Ratio Lower Upper
278 100
139 15.9 13.8 20.6
279 24.3 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#92
Benzo(g,h,i)perylene
Concen: 33.663 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141159.D
Acq: 14 Jan 2025 21:16

Tgt Ion:276 Resp: 561761
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 21.0 17.4 26.2

